

CONTRACT
FOR
BAGGAGE SYSTEM O&M SERVICES

DENVER INTERNATIONAL AIRPORT

BETWEEN

THE CITY AND COUNTY OF DENVER

AND

JSM & ASSOCIATES, LLC.

CONTRACT

THIS CONTRACT, is made and entered into as of the date stated on the signature page ("Effective Date"), by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado ("City"), Party of the First Part, and JSM & ASSOCIATES, LLC, a Company authorized to do business in Colorado ("Contractor"), Party of the Second Part.

WITNESSETH:

WHEREAS, the City owns and operates Denver International Airport ("DEN" or the "Airport"), and

WHEREAS, the City desires to obtain services for the operation and maintenance of the Baggage System, for the benefit of the Denver International Airport ("DEN") and the Airlines (the "Services") at DEN; and

WHEREAS, the City has solicited and received proposals for such services, and has chosen the proposal submitted by the Contractor; and

WHEREAS, the Contractor is fully qualified and ready, willing and able to provide the Services to the City at DEN, in accordance with its proposal submitted to the City;

NOW, THEREFORE, for and in consideration of the premises and other good and valuable consideration, the parties hereto agree as follows:

SECTION 1 – DEFINITIONS

As used in this Contract, unless the context requires otherwise:

1.01 AIRPORT; DEN

"Airport" or "DEN" means Denver International Airport.

1.02 CONTRACT ADMINISTRATOR

The Chief Executive Officer Denver International Airport, his/her designee or successor in function (hereinafter referred to as the "CEO") authorizes all work performed under this Agreement. The CEO hereby delegates his/her authority over the work described herein to the Senior Vice President of Airport Operations hereinafter referred to as "Senior Vice President," as the CEO's authorized representative for the purpose of administering, coordinating and approving work performed by the Contractor under this Agreement. The Senior Vice President's authorized representative for day-to-day administration of the Contractor's services under this Agreement is the Project Manager. The Contractor shall submit its reports, memoranda, correspondence and submittals to the Project Manager. The CEO and the Senior Vice President may rescind or amend any such designation of representatives or delegation of authority and the Senior Vice President may from time to time designate a different individual to act as Project Manager upon notice to the Contractor.

1.03 CONTRACT DOCUMENTS

It is agreed by the parties hereto that the following list of instruments, drawings and documents which are attached hereto and bound herewith or incorporated herein by reference constitute and shall be referred to either as the Contract Documents or the Contract between the parties hereto, and they are as fully a part of this agreement as if they were set out verbatim and in full herein:

Appendices	Federal Assurances
Exhibit A	Scope of Work
Exhibit B	Rates
Exhibit C	City and County of Denver Insurance Certificate
Exhibit D	Payment and Performance Bond
Exhibit F	Prevailing Wage Rate Schedule

1.04 CONTRACTOR EMPLOYEE; CONTRACTOR PERSONNEL

“Contractor employee” or “Contractor personnel” shall include employees and personnel of the Contractor and subcontractors, if any.

1.05 CHIEF EXECUTIVE OFFICER

“CEO” means the Chief Executive Officer City and County of Denver Department of Aviation.

SECTION 2 – SCOPE OF WORK

2.01 SCOPE OF WORK

The Contractor shall be responsible for providing Services at Denver International Airport in accordance with the terms and conditions of the Contract Documents. Contractor shall furnish all necessary labor, tools, equipment and supplies to perform the required services, except for the equipment and facilities that are specified in this Contract as being the responsibility of the City. The parties agree this Contract is non-exclusive and the City reserves the right to purchase the same services and materials through other procurements.

2.02 MANNER OF WORK

A. Scope of Work: The Contractor will furnish all of the technical, administrative, professional and consulting services and other labor; all supplies and materials, equipment, printing, vehicles, local travel, office space and facilities, testing and analyses, calculations, and any other facilities or resources required to perform and complete the work all in accordance with the attached **Exhibit A**, hereinafter referred to in this Agreement as the Contractor's “Scope of Work.” Contractor shall not be authorized to proceed with work described herein and the City shall not be obligated to fund any work performed by the Contractor, until the City has provided written notification to the Contractor that the work is to be performed.

B. Professional Responsibility: The Contractor shall faithfully perform the Scope of Work required under this Agreement in accordance with standards of care, skill, expertise,

training, diligence and judgment customarily exercised by highly competent professionals who perform work of a similar nature to the work described in this Agreement.

C. Diligence: The Contractor acknowledges that time is of the essence in the performance of its services under this agreement and that the City of Denver may suffer damages if the Project is delayed as a result of the Contractor's failure to provide its services in a timely and diligent manner. Contractor shall perform the work described herein in a timely manner and as directed by the Senior Vice President or his or her authorized representatives.

D. Neither the Contractor nor any of its employees shall perform any work at the Airport other than that which is defined herein, except as permitted in writing by the Senior Vice President Operations. When such other work is approved, it is expressly understood that the needs of the Department of Aviation are to have precedence over any such work.

E. This is a non-exclusive Contract. In the City's best interests, the City reserves the right to purchase the same materials and services through other procurements. The City also reserves the right to purchase from other sources those items which are required on an emergency basis and cannot be supplied immediately from stock by the vendor.

2.03 COORDINATION AND LIAISON

The Contractor agrees that during the term of this Contract it shall coordinate its work with any interested City agency, any person or firm under contract with the City, and with other governmental agencies which are affected by or interested in any part of the services the Contractor performs under this Contract.

2.04 PREPARATION FOR ASSUMPTION OF RESPONSIBILITY

Preparatory actions by the Contractor shall include, but are not limited to, setting up its office at DIA and hiring and training its personnel. In order to conduct an orderly transition, the Contractor will obtain, at least seven (7) calendar days prior to commencement of the Contractor's operations under this Contract, all badges, clearances and/or driver's licenses which are required for such person's job classification as set out herein.

SECTION 3 - TERM

3.01 TERM

The term of this Contract shall commence at 12:01 a.m. M.S.T. on June 16, 2018, and shall terminate at 12:00 a.m. M.S.T. on June 15, 2021, unless earlier terminated in accordance with the Contract Documents. This contract shall be for a term of three (3) years. It is also a specific provision of this Contract that the CEO in his or her discretion (or his/her designee) may renew and continue the Contract under the same terms and conditions as the original contract for up to two (2) additional years in increments of one or two years. Though multiple extensions may be granted, in no event shall the total extensions total more than two years. In addition, the term of this Contract may be extended in the CEO's discretion, by written notice from the City to the Contractor, to allow the completion of any work which has been commenced prior to the date upon which this Agreement otherwise would terminate. However, no extension of the Contract Term shall increase the Maximum Contract Amount stated herein; such amount may be changed only by a duly executed written amendment to this Contract.

SECTION 4 – COMPENSATION AND PAYMENT

4.01 COMPENSATION

The City hereby agrees to pay the Contractor, and the Contractor agrees to accept as its sole compensation for its complete costs incurred and services rendered under this Agreement, amounts found the project's scope of work as set forth in Contract Documents.

4.02 MONTHLY BILLINGS

The Contractor shall submit a monthly invoice in form satisfactory to the City. The Contractor agrees that the Airport's Project Manager may from time to time require changes to the format and content of the monthly invoice to be submitted by the Contractor. The City reserves the right to reject any and all invoices for specified items of work that have not been performed to the satisfaction of the City.

4.03 MAXIMUM LIABILITY

A. Any other provision in this Agreement notwithstanding, in no event shall the City be liable for payment under this Agreement for any amount in excess of Forty Five Million Dollars and No Cents (\$45,000,000.00) (the "Maximum Contract Liability"). The Maximum Contract Liability may only be increased by amendment to this Agreement. All payments under this Agreement shall be paid solely and exclusively from the City's "City and County of Denver, Airport System and Operation and Maintenance Fund" and from no other fund or source. The City is under no obligation to make any future apportionments or allocations to said fund. Any services performed beyond those set forth therein are performed at Contractor's risk and without authorization under the Agreement.

B. It is agreed and understood that this Contract is a multi-year agreement with only partial funding authorized at the commencement of the term of this Contract, such partial funding consisting of the approved and/or encumbered amount of Three Million Seven Hundred Eighty Two Thousand Five Hundred Nine Dollars and Fifty Two Cents (\$3,782,509.52). The City's payment obligation, whether direct or contingent, extends only to funds appropriated annually by the Denver City Council, paid into the Treasury of the City, and encumbered for the purpose of the Agreement. The City does not by the Agreement irrevocably pledge present cash reserves for payment or performance in future fiscal years, and the Agreement does not and is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the City.

C. The City reserves the right to direct the Contractor to perform only limited portions of the work described in **Exhibit A** and the Contractor agrees that it shall not continue work in excess of approved and encumbered amounts without a written Notice from the City stating the funding limit and term. If the Contractor chooses to proceed with work prior to receiving such a written Notice, then the Contractor shall do so at its own risk without any liability for payment by the City. The City's written Notice must be signed by the City's Senior Vice President and by the Department of Aviation's Chief Financial Officer ("CFO"), otherwise it is invalid and the Contractor is without authority to proceed. Payments hereunder will be made subject to the multi-year conditions stated above.

4.04 TIME OF PAYMENT / PROMPT PAYMENT

Terms shall be subject to the City's Prompt Payment Ordinance D.R.M.C. 20-107 *et-seq.* subject to the Maximum Contract Liability set forth herein. Payments shall be based upon monthly invoices and receipts submitted by Contractor in accordance with the provision of this Agreement and that have been audited and approved by the City. The Contractor agrees that interest and late fees shall be payable by the City hereunder only to the extent authorized and provided for in the City's Prompt Payment Ordinance. For any subcontractor engaged by Contractor under this Agreement, the Contractor is subject to Section 20-112, D.R.M.C., requiring the Contractor to pay its subcontractors in a timely fashion. A payment is timely if it is mailed to the subcontractor no later than seven days after receipt of any payment from City. Any late payments by Contractor are subject to a late payment penalty as provided for in Section 20-112, D.R.M.C.

SECTION 5 – CONTRACTOR'S PERFORMANCE

5.01 CONTRACTOR PERSONNEL – GENERAL REQUIREMENTS

A. The Contractor shall at all times provide properly trained and competent personnel in the number and classifications necessary to perform its services in an efficient manner and in accordance with the Contract Documents. The Contractor shall be responsible for the conduct of all the Contractor's personnel at all times. Contractor personnel are required to be properly trained and competent to perform the duties of their positions, and must possess adequate communication and English language skills to accurately provide information to the public and to respond to routine and emergency communications by telephone or radio. They shall be properly uniformed, clean and neat in appearance while on duty, and shall deal with members of the public, including parking patrons, in a prompt, polite and businesslike manner.

B. The Contractor shall remove from the Airport work site any Contractor employee on, or invited by it onto, the Airport, when the CEO notifies the Contractor in writing that such person: (a) is, in the sole opinion of the CEO or his/her designee, incompetent, unfit or disorderly; or (b) has used profane or abusive language or behavior toward any person at the Airport. Such person shall not be reassigned to Airport work by the Contractor, except with the express written consent of the CEO or his/her designee.

5.02 EMPLOYEE DRIVER LICENSES AND RECORDS

A. Contractor employees driving either City or Contractor provided vehicles under this Contract are required to maintain an excellent driving record. Drivers with a driving record unacceptable to the City's insurance underwriter will be assigned by the Contractor to a non-driving job if available.

B. All drivers with an alcohol or drug related charge shall be dealt with in accordance with the provisions of Executive Order No. 94.

C. All Contractor personnel assigned to the Airport who drive vehicles in the course of their work under this Contract must obtain and maintain a Colorado Class "R" driver's license and Airport Identification Badge at all times during their employment at the Airport.

D. All Contractor personnel assigned to the Airport will carry Airport Identification Badges at all times during their employment at the Airport.

5.03 AIRPORT SECURITY

A. It is a material requirement of this Contract that the Contractor shall comply with all rules, regulations, written policies and authorized directives from the City and/or the Transportation Security Administration with respect to Airport security. The Contractor shall conduct all of its activities at the Airport in compliance with the Airport security program, which is administered by the Security Section of the Airport Operations Division, Department of Aviation. Violation by the Contractor or any of its employees, subcontractors or vendors of any rule, regulation or authorized directive from the City or the Transportation Security Administration with respect to Airport Security shall be grounds for immediate termination by the City of this Contract for cause.

B. The Contractor, promptly upon notice of award of this Contract, shall meet with the Airport's Assistant Security Manager to establish badging and vehicle permit requirements for Contractor's operations under this Contract. The Contractor shall obtain the proper access authorizations for all of its employees, subcontractors and vendors who will enter the Airport to perform work or make deliveries, and shall be responsible for each such person's compliance with all Airport rules and regulations, including without limitation those pertaining to security. Any person who violates such rules may be subject to revocation of his/her access authorization. The failure of the Contractor or any subcontractor to complete any required services hereunder shall not be excused on account of the revocation for good cause of access authorization of any person.

C. The security status of the Airport is subject to change without notice. If the security status of the Airport changes at any time during the term of this Contract, the Contractor shall take immediate steps to comply with security modifications that occur as a result of the changed status. The Contractor may at any time obtain current information from the Airport Security Office regarding the Airport's security status in relation to the Contractor's operations at the Airport.

D. The Contractor shall return to the City at the expiration or termination of this Contract, or upon demand by the City, all access keys or access badges issued to it or any subcontractor for any area of the Airport, whether or not restricted. If the Contractor fails to do so, the Contractor shall be liable to reimburse the City for all the City's costs for work required to prevent compromise of the Airport security system. The City may withhold funds in the amount of such costs from any amounts due and payable to the Contractor under this Contract.

5.04 SAFETY

A. The Contractor shall operate at all times under this Contract in compliance with the Occupational Safety and Health Act.

B. For all operations requiring the placement and movement of the Contractor's equipment, Contractor shall observe and exercise and compel its employees to observe and exercise all necessary caution and discretion so as to avoid injury to persons, damage to property of any and all kinds, and annoyance to or undue interference with the movement of the public and City personnel.

5.05 LAWS, REGULATIONS, TAXES AND PERMITS

A. The Contractor shall procure all permits and licenses, pay all charges, taxes and fees and give all notices necessary and incidental to the due and lawful prosecution of the work under this Contract. All costs thereof shall be deemed to be included in the prices proposed for the work.

B. Contractor agrees that he, or any subcontractor under him, will pay all sales and use taxes levied by the City and County of Denver on any tangible personal property built into the work. These materials are exempt from Colorado State Taxes per CRS 1973 39-26-114 Rev. It shall be the responsibility of the Contractor to obtain a Certification of Exemption from the State of Colorado Department of Revenue prior to the purchase of any materials to be built into the work. A copy of the certificate shall be furnished the City prior to final payment.

C. The Contractor, at all times, shall observe and comply with all federal, state, county, city and other laws, codes, ordinances, rules and regulations in any manner affecting the conduct of the work, including without limitation the Williams-Steiger Occupational Safety and Health Act of 1970 (Public Law 91-596).

D. Without limiting the foregoing, the Contractor shall establish appropriate procedures and controls so that services under this Contract will not be performed by using any alien who is not legally eligible for such employment under United States Immigration laws. Failure to satisfactorily comply with this condition may cause the City to terminate this Contract.

5.06 COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS

A. The Contractor in conducting any activity on the Airport shall comply with all applicable local, state and federal environmental rules, regulations, statutes, laws and orders (collectively "Environmental Requirements"), including but not limited to Environmental Requirements regarding the storage, use and disposal of Hazardous Materials or Special Wastes to the environment. For purposes of this Agreement the terms "Hazardous Materials" shall refer to those materials, including without limitation asbestos and asbestos-containing materials, polychlorinated biphenyls (PCBs), oil or any other petroleum products, natural gas, source material, pesticide, and any hazardous waste, toxic substance or related material, including any substance defined or treated as a "hazardous substance," "hazardous waste" or "toxic substance" (or comparable term) in the Comprehensive Environmental Response, Compensation and Liability Act (42 U.S.C. Sec. 9601 et seq. (1990), the Toxic Substances Control Act (15 U.S.C. Sec. 2601 et seq. (1990), and any rules and regulations promulgated pursuant to such statutes or any other applicable federal or state statute.

In addition, Environmental Requirements include applicable Environmental Guidelines developed for DIA's Environmental Management System (EMS), as summarized in DIA Rules and Regulations Part 180 (Environmental Management) and DIA's Environmental Policy, both available at www.flydenver.com/biz/index.asp. These Environmental Requirements include, but are not limited to, requirements regarding the storage, use, and disposal of Hazardous Materials, petroleum products; the National Environmental Policy Act (NEPA); the Clean Water Act (CWA); and all other federal, state, and local water, wastewater, and air quality regulations.

B. The Contractor shall acquire all necessary federal, state, local, and airport permits/approvals and comply with all permit/approval requirements.

C. Prior to use, the Contractor shall provide to the City copies of Safety Data Sheets (SDSs) for all chemicals or detergents to be used in its activities for approval. This obligation is continuing for the term of this Agreement, and the Contractor shall provide updated SDSs and SDSs for new chemicals, as such information is updated and as new chemicals or detergents are placed into use, as applicable.

D. The Contractor agrees to ensure that its operations hereunder are conducted in a manner that minimizes environmental impact through appropriate preventive measures. The Contractor agrees that it shall be responsible for any notice of violation from CDPHE, the City and County of Denver or the EPA. The Contractor further agrees that it is responsible for the health and safety of its personnel in connection with such environmental requirements.

E. In the case of a release, spill or leak as a result of the Contractor's activities, the Contractor shall immediately control and remediate the contaminated media to applicable federal, state and local standards. The Contractor agrees that in such event it will immediately clean up all spills and the cleanup material must be disposed of offsite at the Contractor's sole expense. The Contractor agrees that it shall reimburse the City for any penalties and all costs and expenses, including without limitation attorney's fees, incurred by the City as a result of the release or disposal by the Contractor of any pollutant or hazardous material on or about the Airport.

5.07 EXISTING UTILITIES AND STRUCTURES

The Contractor shall adequately protect the work, Airport property, adjacent property and the public. In the event of damage to facilities and/or disruption in services at the facilities, as a result of the Contractor's operations or lack thereof when required, the Contractor shall take immediate steps to notify the Contract Administrator and subsequently repair or restore all services to the satisfactory approval of the Contract Administrator. The Contractor shall also provide temporary services to maintain uninterrupted use of the facilities.

All costs involved in making repairs and restoring disrupted service shall be borne by the Contractor, and the Contractor shall be fully responsible for any and all claims resulting from the damage.

The Contract Administrator, at her/his option, may elect to perform such repairs and deduct the cost of such repairs, replacements and outside services from the monthly charges by the Contractor.

SECTION 6 – INDEMNITY; INSURANCE; BONDS

6.01 INSURANCE

A. The Contractor shall obtain and keep in force during the entire term of this Agreement, all of the insurance policies described in the City's form of insurance certificate which is attached to this Agreement as **Exhibit C** and incorporated herein. Such insurance coverage includes workers' compensation and employer liability, commercial general liability, business automobile liability, and if appropriate, professional liability. Upon execution of this Agreement, the Contractor shall submit to the City an ACORD form, which specifies the issuing company or companies, policy numbers and policy periods for each required coverage.

B. The City's acceptance of any submitted insurance certificate is subject to the approval of the City's Risk Management Administrator. All coverage requirements specified in the certificate shall be enforced unless waived or otherwise modified in writing by the City's Risk Management Administrator.

C. All certificates required by this Agreement shall be sent directly to Denver International Airport, Risk Management, Airport Office Building, Room 8810, 8500 Peña Boulevard, Denver, Colorado 80249. The City Project/Agreement number and project description shall be noted on the certificate of insurance. The City reserves the right to require complete, certified copies of all insurance policies required by this Agreement at any time.

D. The Contractor shall comply with all conditions and requirements set forth in the insurance certificate for each required coverage during all periods in which coverage is in effect.

E. Unless specifically excepted in writing by the City's Risk Management Administrator, the Contractor shall include all subconsultants performing services hereunder as insureds under each required policy or shall furnish a separate certificate for each subconsultant if requested by City. All coverages for subconsultants shall be subject to all of the requirements set forth in the form certificate and the Contractor shall insure that each subconsultant complies with all of the coverage requirements.

F. The parties hereto understand and agree that the City and County of Denver, its officers, officials and employees, are relying on, and do not waive or intend to waive by any provisions of this agreement, the monetary limitations or any other rights, immunities and protections provided by the Colorado Governmental Immunity Act, §§ 24-10-101 to 120, C.R.S., or otherwise available to the City and County of Denver, its officers, officials and employees.

G. The insurance coverage forms specified in this Agreement are the minimum requirements, and these requirements do not lessen or limit the liability of the Contractor under the terms of this Agreement, including the Indemnification provisions herein. The Contractor shall maintain, at its own expense, any additional kinds and amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Agreement.

6.02 DEFENSE AND INDEMNIFICATION

A. Contractor hereby agrees to defend, indemnify, reimburse and hold harmless City, its appointed and elected officials, agents and employees for, from and against all liabilities, claims, judgments, suits or demands for damages to persons or property arising out of, resulting from, or relating to the work performed under this Agreement ("Claims"), unless such Claims have been specifically determined by the trier of fact to be the sole negligence or willful misconduct of the City. This indemnity shall be interpreted in the broadest possible manner to indemnify City for any acts or omissions of Contractor or its subcontractors either passive or active, irrespective of fault, including City's concurrent negligence whether active or passive, except for the sole negligence or willful misconduct of City.

B. Contractor's duty to defend and indemnify City shall arise at the time written notice of the Claim is first provided to City regardless of whether Claimant has filed suit on the Claim. Contractor's duty to defend and indemnify City shall arise even if City is the only party sued by claimant and/or claimant alleges that City's negligence or willful misconduct was the sole cause of claimant's damages.

C. Contractor will defend any and all Claims which may be brought or threatened against City and will pay on behalf of City any expenses incurred by reason of such Claims including, but not limited to, court costs, and attorney fees incurred in defending and investigating such Claims or seeking to enforce this indemnity obligation. Such payments on behalf of City shall be in addition to any other legal remedies available to City and shall not be considered City's exclusive remedy.

D. Insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of the Contractor under the terms of this indemnification obligation. The Contractor shall obtain, at its own expense, any additional insurance that it deems necessary for the City's protection.

E. Contractor further agrees that if a prohibited incursion into the Air Operations Area occurs, or the safety or security of the Air Operations Area, the Airfield, the Baggage System or other sterile area safety or security area is breached by or due to the negligence or willful act or omission of any of Contractor's employees, agents, or contractors and such incursion or breach results in a civil penalty action being brought against the City by the U.S. Government, Contractor agrees to reimburse the City for all expenses, including attorney fees, incurred by the City in defending against the civil penalty action and for any civil penalty or settlement amount paid by the City as a result of such incursion or breach of airfield or sterile area security. The City shall notify Contractor of any allegation, investigation or proposed or actual civil penalty sought by the U.S. Government for such incursion or breach. Civil penalties and settlement and associated expenses reimbursable under this Paragraph include but are not limited to those paid or incurred as a result of violation of Federal Aviation Administration (FAA) regulations or Transportation Security Administration (TSA) regulations, as they may be amended, or any similar law or regulations intended to replace or compliment such regulations.

F. This defense and indemnification obligation shall survive the expiration or termination of this Agreement.

6.03 INSPECTION OF RECORDS:

A. During the term of this Agreement, upon request of the Contract Administrator or the City Auditor, the Contractor shall make available all payroll records, training records, books of account, and other relevant records pertinent to the Agreement for the purposes of inspection and audit of such records at the Contractor's office. The Contractor agrees that the City's duly authorized representatives shall, until the expiration of three (3) years after the final payment under this Agreement, have access to and the right to audit, examine and copy any directly pertinent books, documents, papers and records of the Contractor related to work performed under this Agreement.

B. The Contractor agrees that it shall maintain a true and complete cost accounting system acceptable to the Federal Aviation Administration and the City and County of Denver, in accordance with generally accepted accounting principles which are acceptable to the City Auditor. Such system shall be kept in a manner as to allow Contractor's operations hereunder to be distinguishable from all other operations of Contractor. The City, the Federal Aviation Administration, the Comptroller General of the United States and any of their duly authorized representatives shall have access to any books, documents, papers and records of the Contractor which are directly pertinent to this Agreement for the purpose of making audit, examination,

excerpts and transcriptions. The Contractor agrees that such records will contain information concerning the personnel, hours and specific tasks performed, along with the federal project number, if applicable. The Contractor further agrees to maintain all books, records and reports required under this Agreement for a period of not less than three years after final payment is made and all pending matters are closed, and that the Auditor of the City or any of his duly authorized representatives shall, until the expiration of three (3) years after the final payment under this agreement, have access to and the right to examine any directly pertinent books, documents, papers and records of the Contractor involving transactions related to this agreement. Subject to the prior written approval of the City and County of Denver, upon termination of this Agreement, the Contractor may surrender to the City all records and documents relating to this Agreement.

In the event such records are not made available in the Denver metropolitan area, Contractor shall pay to the City in full, in advance, travel and related expenses of a City representative to travel to any location outside the Denver area for such examination. Following the travel, expenses shall be reconciled, and any difference between the advance payment and the actual expenses shall be paid by or refunded to Contractor as appropriate. Such documents shall be available to the City representative within fourteen (14) calendar days of the date of the written request.

The parties agree that any delay in furnishing such records to the City will cause damages to the City which the parties agree are liquidated in the amount of Three Hundred and Fifty Dollars (\$350.00) per day for each day the records are unavailable beyond the date established as the City's notice.

6.04 OBLIGATIONS OF THE CONTRACTOR

A. Contractor shall at all times keep complete and accurate books, records and accounts of its costs of services rendered hereunder. Subject to requirements of law, all books, records and accounts shall be maintained for a minimum of five (5) years.

B. During the term of this Agreement, management reports recording the performance of the Baggage System shall be prepared by the Contractor and submitted to City. In addition, the Contractor shall keep detailed operations and maintenance records and inventory data to permit City to ascertain the Contractor's compliance with the requirements of this Agreement and shall furnish copies of such documents to City upon City's request.

C. All BHS reports and records shall be in accordance with approved Operations and Maintenance Manuals or as otherwise reasonably required by City. At the request of City, summaries of all interruptions to normal services with an explanation of the cause and duration of any and all such interruptions will be provided in a mutually agreed format and frequency, within the limitations of the installed BHS software.

D. The procedures and forms for such recordkeeping shall be approved by City. All records and data shall be property of City. All such documents shall be dated and signed by appropriate Contractor personnel. All correspondence under this Agreement shall be serialized in accordance with the instructions of City.

6.05 PAYMENT AND PERFORMANCE BOND

A. A Performance, Payment, and Guarantee Bond satisfactory to the City and County of Denver on the form required by the City, in an amount not less than Two Million Dollars and No

Cents (\$2,000,000.00) is required of the Contractor to guarantee that it will perform the work in strict accordance with Agreement Documents and shall pay all debts incurred under this Agreement. The Surety named in the Bond must be authorized to do business in the State of Colorado.

B. This Bond must be either renewed annually by the Surety named in the Bond or replaced with an identical Bond covering the subsequent year of the Agreement issued by another Surety which has been approved in advance by the CEO. If the CEO does not receive written notice from the Surety in the manner provided in the Bond at least one-hundred and twenty (120) days before it expires or does not receive a substitute Bond in the form required by the City from an approved Surety at least one-hundred and twenty days (120) before the Bond expires, then the Contractor shall be in default of this Agreement and the CEO may immediately terminate this Agreement by giving the Contractor written notice of such default. If the City elects to extend the Agreement for additional periods at the same prices, terms and conditions pursuant to Section 3 of this Agreement, the Contractor shall obtain and submit either an extension of the existing Performance, Payment and Guarantee Bond or the an identical Bond from another Surety that is acceptable to the City.

C. Under no circumstances shall the City be liable to the Contractor for any costs incurred or payments made by the Contractor to obtain an extension of an existing Bond or a new Bond.

D. The only acceptable alternative to a Performance, Payment, and Guarantee Bond is an Irrevocable Unconditional Letter of Credit from a local financial institution acceptable to the City and County of Denver in the amount of One Hundred Thousand Dollars (\$100,000.00). Renewal of said Irrevocable Unconditional Letter of Credit during the term and any one-year extensions of the Agreement shall be as set out above with respect to the Performance, Payment, and Guarantee Bond.

E. The City's forms of Performance, Payment and Guarantee Bond or Irrevocable Unconditional Letter of Credit must be used. Those forms are attached to this Agreement and incorporated herein as **Exhibit D**. Attorneys-in-Fact who sign Performance, Payment, and Guarantee Bonds must file with such Bonds a certified copy of their Power-of-Attorney to sign such Bonds that is certified to include the date of the Bond.

SECTION 7 - SUBCONTRACTING

7.01 SUBCONTRACTING ALLOWED

The Contractor may sublet portions of the Work. No subcontractor shall in turn subcontract any portion of its work; there shall only be one tier of subcontracting.

7.02 OBLIGATIONS OF CONTRACTOR

The Contractor shall be responsible for any acts or omissions of its employees, agents, suppliers, material men and subcontractors. The Contractor shall make available to each proposed subcontractor, prior to the execution of the subcontract, copies of the Contract. In addition, all work performed for the Contractor by a subcontractor shall be pursuant to an agreement between the Contractor and the subcontractor which shall contain provisions that:

A. Preserve and protect the rights of the City and its funding agencies under the Contract Documents with respect to the work to be performed so that the subcontracting thereof will not prejudice those rights; and

B. Require that the Subcontractor be bound to the Contractor by the terms of the Contract Documents, that its work be performed in accordance with the requirements of the Contract Documents, and with respect to the work it performs, that it assume toward the Contractor all the obligations and responsibilities the Contractor assumes toward the City.

7.03 APPROVAL OF SUBCONTRACTORS

All subcontractors that the Contractor expects to perform Work under this Contract must be approved in writing by the CEO before the subcontractor begins work. The CEO may refuse to approve a subcontractor for reasons that include, but are not limited to, the following:

- A. Default on a contract within the last five (5) years.
- B. Default on a contract that required that a surety complete the contract under payment or performance bonds issued by the surety.
- C. Debarment within the last five (5) years by a public entity or any organization that has formal debarment proceedings.
- D. Significant or repeated violations of Federal Safety Regulations (OSHA).
- E. Failure to have the specific qualifications listed in the Contract Documents for the work that the subcontractor will perform.
- F. Failure to have the required City or Colorado licenses to perform the work described in the subcontract.
- G. Failure to pay workers the proper wage and benefits or to pay suppliers or subcontractors with reasonable promptness within the last five (5) years.
- H. The Subcontractor or any of its officers or employees are convicted, plead nolo contendere, enter into a formal agreement in which they admit guilt, enter a plea of guilty, or otherwise admit culpability to criminal offenses of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, obstruction of justice, undue influence, theft, racketeering, extortion or any offense of a similar nature in connection with the Subcontractor's business.

Before the CEO approves any such subcontractor, the Contractor shall submit to the CEO a statement signed by an officer or principal of the Contractor certifying that the Contractor has investigated the qualifications and background of its proposed subcontractors and identifying the existence of any of the problems listed above or certifying that to the best of his/her knowledge the problems listed do not exist.

7.04 NO CONTRACTUAL RELATIONSHIP

The City does not intend that this Section 7, or any other provision of this Contract, be interpreted as creating any contractual relationship between the City and any subcontractor. The City does

not intend that its approval of a subcontractor will create in that subcontractor a right to any subcontract. The City's approval of a subcontractor does not relieve the Contractor of its responsibilities to the City for the work to be performed by the subcontractor.

7.05 DIVERSITY AND INCLUSIVENESS

The City encourages the use of qualified small business concerns doing business within the metropolitan area that are owned and controlled by, economically or socially disadvantaged individuals.

The Contractor is encouraged, with respect to the goods or services to be provided under this Contract, to use a process that includes small business concerns, when considering and selecting any subcontractors or suppliers.

7.06 RESERVED

7.07 CITY'S NON-DISCRIMINATION POLICY

In connection with the performance of Services under this Agreement, Contractor agrees not to refuse to hire, discharge, promote, demote, or to discriminate in matters of compensation against any person otherwise qualified solely because of race, creed, color, religion, national origin, gender, age, military status, sexual orientation, gender variance, marital status, and/or physical and mental disability. Contractor further agrees to insert the foregoing provision in all subcontracts hereunder

SECTION 8 – WAGES AND SALARIES

8.01 PAYMENT OF PREVAILING WAGES

A. Pursuant to Section 20-76 of the Denver Revised Municipal Code, the Contractor and each of its subcontractors shall pay every worker, laborer or mechanic employed by it directly upon the site of the work under this Contract the full amounts accrued at the time of payment, computed at wage rates not less than those shown on the current prevailing wage rate schedule for each class of employees performing work for the Contractor and its subcontractors under this Agreement (**See Exhibit F**). The wages shall be those prevailing as of the date of this Contract, and the Contractor shall post in a prominent and easily accessible place in its work area at the Airport, a copy of the wage rates for the positions or positions to which the prevailing wage ordinance applies. All construction workers, mechanics and other laborers shall be paid at least once per week; non-construction workers such as janitorial or custodial workers shall be paid at least twice per month.

B. The Contractor shall furnish to the City Auditor or his authorized representative, each week during which work is performed under this Contract, a true and correct copy of the payroll records of all workers employed to perform the work, to whom the prevailing wage ordinance applies. All such payroll records shall include information showing the number of hours worked by each worker, the hourly pay of such worker, any deductions made from pay, and the net amount of pay received by such worker for the period covered by the payroll. The payroll record shall be accompanied by a sworn statement of the Contractor that the copy is a true and correct copy of the payroll records of all workers performing such work, either for the Contractor or a subcontractor, that payments were made to the workers as set forth in the payroll records,

that no deductions were made other than those set forth in such records, and that all workers were paid the prevailing wages as set forth in this Contract.

C. If the term of this Contract extends for more than one year, the minimum City prevailing wage rates that contractors and subcontractors shall pay during any subsequent yearly period or portion thereof shall be the wage rates in effect on the yearly anniversary date of this Contract which begins such subsequent period. Decreases in prevailing wages subsequent to the date of this Contract shall not be effective except on the yearly anniversary date of this Contract. In no event shall any increases in prevailing wages after the first anniversary of this Contract result in any increased liability on the part of the City and the possibility and risk of any such increase is assumed by the Contractor.

D. If the Contractor or any subcontractor fails to pay such wages as required herein, the City Auditor shall not approve any warrant or demand for payment to the Contractor until the Contractor furnishes to the Auditor evidence satisfactory to the Auditor that such wages so required by this Contract have been paid. The Contractor may utilize the procedures set out in D.R.M.C. §20-76(d)(4) to satisfy the requirements of this provision.

E. If any worker to whom the prevailing wages are to be paid, employed by the Contractor or any subcontractor to perform work hereunder, has not been or is not being paid a rate of wages required by this Section 8, the CEO may by written notice to the Contractor, suspend by a stop-work order or terminate the Contractor's services hereunder, or the part of such services performed by such workers. The issuance of a stop-work order shall not relieve the Contractor or its sureties of any obligations or liabilities to the City under this Contract, including liability to the City for any extra costs incurred by it in obtaining substitute services for Airport facilities while any such stop-work order is in effect or following termination for such cause.

F. Payment of "Fringe Benefits" as determined by the Career Service Board's current prevailing wage schedule is required except when the vendor attaches to his/her proposal a Conversion Fringe Benefit Schedule approved by the Career Service Authority as applicable to this contract only, and in which event, the vendor and all subcontractors hereunder as a part of this contract shall be required to pay to the workers, mechanics, and laborers affected, the approved conversion in lieu of the "Fringe Benefits" set forth in the Prevailing Wage Schedule.

SECTION 9 - CONTRACT ADMINISTRATION; CONTRACT DOCUMENTS

9.01 AUTHORITY OF THE CONTRACT ADMINISTRATOR

A. The day to day administration of this Contract is vested in the Airport's Contract Administrator. The Contract Administrator or other City representative is to have free access to the Contractor's work areas at the Airport. The Contract Administrator or other City representative shall have the right to inspect facilities and equipment to ensure compliance with the Contract. The Contract Administrator will decide any and all questions which may arise as to the quality and acceptability of supplies and equipment furnished and work performed, and as to the manner of performance and rate of progress of the work.

B. The Contract Administrator may make changes in the specifications of work performed by the Contractor, if such changes do not alter the general nature of the work being performed. Notice to the Contractor of such changes will be made orally if the duration of such changes is less than one week; otherwise, notice will be given in writing.

9.02 CONTRACTOR'S UNSATISFACTORY PERFORMANCE

If, in the opinion of the CEO, the Contractor's performance under this Contract becomes unsatisfactory, the City shall notify the Contractor in writing, specifying the instances of unsatisfactory performance. The Contractor will have three (3) days from the time of such notice to correct any specific instances of unsatisfactory performance. In the event the unsatisfactory performance is not corrected within the time specified above, the City shall have the immediate right at the Contractor's sole expense to complete the work to its satisfaction and the City shall deduct the cost to cover same from any balances due or to become due the Contractor.

9.03 DISPUTE RESOLUTION

Disputes arising out of this Agreement shall be resolved by administrative hearing before the CEO following the procedures outlined in Denver Revised Municipal Code Section 5-17. It is further agreed that no cause of action shall be brought against the City until there has been full compliance with the terms of this Section.

9.04 CONTRACT DOCUMENTS; ORDER OF PRECEDENCE

This Contract consists of Sections 1 through 11, which precede the signature page, and the following appendixes and exhibits, which are incorporated herein and made a part hereof by reference:

Appendicies	Federal Assurances
Exhibit A	Scope of Work
Exhibit B	Rates
Exhibit C	City and County of Denver Insurance Certificate
Exhibit D	Payment and Performance Bond
Exhibit F	Prevailing Wage Rate Schedule

In the event of an irreconcilable conflict between (i) a provision of Sections 1 through 11 and any of the listed appendixes and exhibits or (ii) between provisions of any appendix or exhibit, such that it is impossible to give effect to both, the order of precedence to determine which document shall control to resolve such conflict, is as follows, in descending order:

Appendices
Sections 1 through 11 hereof
Exhibit C
Exhibit A
Exhibit B
Exhibit D

SECTION 10 – DEFAULT; REMEDIES; TERMINATION

10.01 TERMINATION FOR CONVENIENCE OF THE CITY

The CEO, upon giving a minimum of thirty (30) days written notice may terminate this contract, in whole or in part, when it is in the best interest of the City. If this Contract is so terminated, the

City shall be liable only for payment in accordance with the payment provisions of this Contract for services rendered prior to the effective date of termination.

10.02 DEFAULT

The following are events of default under this Contract:

A. In the opinion of the CEO, the Contractor fails to perform adequately the services required in the contract.

B. In the opinion of the CEO the Contractor fails to perform the required work within the time stipulated in the contract.

C. In the opinion of the CEO, the Contractor provides material that does not meet the requirements of the Contractual Agreement

D. In the opinion of the CEO, the Contractor attempts to impose on the City and County of Denver materials, products, service or workmanship which is of an unacceptable quality.

E. In the opinion of the CEO, the Contractor fails to make progress in the performance of the requirements of the contract and/or gives the City and County of Denver a positive indication that the Contractor will not or cannot perform to the requirements of the Contractual Agreement.

F. The Contractor is in default under any other contract, purchase order or agreement with the City.

G. The Contractor becomes insolvent, or takes the benefit of any present or future insolvency or bankruptcy statute, or makes a general assignment for the benefit of creditors, or consents to the appointment of a receiver, trustee or liquidator of any or substantially all of its property.

H. The Contractor transfers its interest under this Contract, without the prior written approval of the City, by reason of death, operation of law, assignment, sublease or otherwise, to any other person, entity or corporation.

I. The Contractor gives its permission to any person to use for any illegal purpose any portion of the Airport made available to Contractor for its use under this Agreement.

J. The Contractor fails to comply with any of the provisions of this Contract concerning Airport security.

K. The Contractor or any of its officers or employees are convicted, plead nolo contendere, enter into a formal agreement in which they admit guilt, enter a plea of guilty, or otherwise admit culpability to criminal offenses of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, obstruction of justice, undue influence, theft, racketeering, extortion, or any offense of a similar nature, in connection with Contractor's business.

L. The Contractor fails to keep, perform and observe any other promise, covenant or agreement set forth in this Contract, and such failure continues for a period of more than 30 days

after delivery by the City of a written notice from the CEO of such breach or default, except where a shorter period is specified herein, or where fulfillment of its obligation requires activity over a period of time and Contractor within 10 days of notice commences in good faith to perform whatever may be required to correct its failure to perform and continues such performance without interruption except for causes beyond its control.

10.03 REMEDIES

If Contractor commits an Event of Default, as described in Section 10.02, the City may exercise any one or more of the following remedies:

A. The City may elect to allow this Contract to continue in full force and effect and to enforce all of City's rights and remedies hereunder.

B. The City may cancel and terminate this Contract upon giving 10 days written notice to Contractor of its intention to terminate; provided, however, that if the Contractor has committed an Event of Default as defined in Subsections 10.02(H), (I), (J) or (K), termination may be effective either immediately upon notice, or within a stated period after notice, as determined by the CEO in his/her discretion.

C. Perform any test or analysis on materials as to whether they conform in all respects to the specifications of the Contractual Agreement. If the results indicate non-compliance with the specifications, any actual expense of testing will be borne by the vendor.

D. The City may obtain necessary services in the open market, or otherwise perform or obtain performance of the services covered by this Contract, at the expense of the Contractor. The City may recover any actual excess costs by: (1) deduction from an unpaid balance; (2) collection against the Contractor's performance bond; or (3) any combination of the two foregoing methods. Nothing herein shall prevent the City from using any other method of collection available to it.

10.04 REMEDIES CUMULATIVE

The remedies provided in this Contract shall be cumulative and shall in no way affect any other remedy available to the City under law or in equity.

SECTION 11- GENERAL CONDITIONS

11.01 COLORADO OPEN RECORDS ACT

The Contractor acknowledges that the City is subject to the provisions of the Colorado Open Records Act, Colorado Revised Statutes §24-72-201 et seq., and all documents prepared or provided by Contractor under this Agreement may be subject to the provisions of the Colorado Open Records Act. Any other provision of this Agreement notwithstanding, including exhibits, attachments and other documents incorporated into this Agreement by reference, all materials, records and information provided by the Contractor to the City shall be considered confidential by the City only to the extent provided in the Open Records Act and the Contractor agrees that any disclosure of information by the City consistent with the provisions of the Open Records Act shall result in no liability of the City. The Contractor agrees that it will fully cooperate with the City in the event of a request for disclosure of such documents or a lawsuit arising under such act for the

disclosure of any documents or information, which the Contractor asserts, is confidential and exempt from disclosure.

In the event of a request to the City for disclosure of such information, time and circumstances permitting, the City will make a good faith effort to advise the Contractor of such request in order to give the Contractor the opportunity to object to the disclosure of any of material the Contractor may consider confidential, proprietary or otherwise exempt from disclosure. In the event of the filing of a lawsuit to compel disclosure, the City will tender all such material to the court for judicial determination of the issue of disclosure and the Contractor agrees it will either intervene in such lawsuit to protect materials the Contractor does not wish disclosed, or waive any claim of privilege or confidentiality. If the Contractor chooses to intervene in such a lawsuit and oppose disclosure of any materials, the Contractor agrees to defend, indemnify, and save and hold harmless the City, its officers, agents, and employees, from any claim, damages, expense, loss or costs arising out of the Contractor's intervention including, but not limited to, prompt reimbursement to the City of all reasonable attorney fees, costs and damages that the City may incur directly or may be ordered to pay by such court.

11.02 BOND ORDINANCES; GOVERNING LAW; VENUE; SERVICE OF PROCESS

This Contract shall be deemed to have been made in, and shall be construed in accordance with the laws of, the State of Colorado and the Charter and Ordinances of the City and County of Denver. This Agreement is in all respects subject and subordinate to any and all City bond ordinances applicable to the Denver Municipal Airport System and to any other bond ordinances which amend, supplement or replace such bond ordinances. Venue for any action hereunder shall be in the City and County of Denver, State of Colorado. The Contractor agrees that any and all notices, pleadings and process may be made by serving two copies of the same upon the Colorado Secretary of State, State Capitol, Denver, Colorado, and by mailing by return mail an additional copy of the same to the Contractor at the address shown herein; that said service shall be considered as valid personal service, and judgment may be taken if, within the time prescribed by Colorado law or Rules of Civil Procedure, appearance, pleading or answer is not made.

11.03 NO DISCRIMINATION IN EMPLOYMENT

In connection with the performance of work under this contract, the Contractor agrees not to refuse to hire, nor to discharge, promote or demote, nor to discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status or physical or mental disability; and the Contractor further agrees to insert the foregoing provision in all subcontracts hereunder.

11.04 ASSIGNMENT OF CONTRACT

The Contractor may not assign or otherwise transfer any of its rights or obligations under this Contract without the prior written approval of the CEO. If the Contractor attempts to assign or transfer any of its rights or obligations hereunder without obtaining the prior written consent of the CEO, the CEO may elect to terminate this Contract. The CEO has the sole and absolute discretion to grant or deny any transfer or assignment request.

11.05 NONEXCLUSIVE CONTRACT

This is a non-exclusive Contractual Agreement. In the City's best interests, the City reserves the right to purchase the same materials and services through other procurements.

11.06 NO THIRD PARTY BENEFICIARIES

This Contract does not, and shall not be deemed or construed to confer upon or grant to any third party or parties any right to claim damages or to bring any suit, action or other proceeding against either the City or the Contractor because of any breach hereof or because of any of the terms, covenants, agreements and conditions herein contained. Any person other than the City or the Contractor receiving any benefit hereunder shall be deemed to be an incidental beneficiary only.

11.07 RISK OF LOSS

Contractor agrees to bear all risk of loss, injury, or destruction of goods and materials ordered as a result of this Proposal which occur prior to delivery to the City and County of Denver; and such loss, injury or destruction shall not release Contractor from any obligation hereunder.

11.08 PATENTS AND TRADEMARKS

A. The Contractor covenants that it is the owner of or fully authorized to use any and all services, processes, machines, articles, marks, names or slogans to be used by it in its operations under or in any way connected with this Contract. The Contractor agrees to save and hold the City, its officers, employees, agents and representatives free and harmless of and from any loss, liability, expenses, cost, suit or claim for damages in connection with any actual or alleged infringement of any patent, trademark or copyright arising from any alleged or actual unfair competition or other similar claim arising out of the operations of the Contractor under or in any way connected with this Contract.

B. The Contractor agrees that it will not engage in or allow its employees, subcontractors or agents to engage in, any unauthorized use or infringement of any trademark or copyright. The Contractor agrees to save and hold the City free and harmless of and from any loss, liability, expenses, cost, suit or claim for damages in connection with any infringement by the Contractor or its officers, employees, subcontractors, agents or representatives, of any trademarks or copyrights, arising out of the operations of the Contractor under or in any way connected with this Contract.

11.09 MASTER PLAN

No liability shall attach to the City, its officers, agents and employees by reason of any efforts or action toward implementation of any present or future master plan for the development or expansion of DEN and the Contractor waives any right to claim damages or other consideration arising therefrom.

11.10 STATUS OF CONTRACTOR AS INDEPENDENT CONTRACTOR; CITY DOES NOT FURNISH UNEMPLOYMENT OR WORKERS COMPENSATION COVERAGE:

A. It is understood and agreed by and between the parties that the status of the Contractor shall be that of an independent contractor retained on a contractual basis to perform professional or technical services for limited periods of time as described in Section 9.1.1.E(x) of the Charter of the City, and it is not intended nor shall it be construed that the Contractor, its employees, or

its subcontractors are employees or officers of the City under Chapter 18 of the Revised Municipal Code or for any purpose whatsoever.

B. Without limiting the foregoing, the parties hereby specifically acknowledge that the Contractor is not entitled to unemployment insurance benefits unless the unemployment compensation coverage is provided by the Contractor or some other entity besides the City, that the Contractor is not entitled to worker's compensation benefits from the City, and that the Contractor is obligated to pay federal and state income tax on moneys earned pursuant to this Agreement. The parties further acknowledge that the provisions of this paragraph are consistent with the Contractor's insurance obligations which are set forth in this Agreement.

11.11 NO WAIVER OF RIGHTS

No assent, expressed or implied, to any breach of any one or more of the covenants, provisions and agreements of this Contract shall be deemed or taken to be by the City a waiver of any succeeding or other breach.

11.12 NOTICES

Notices concerning termination of this Contract, notices of default, notices of violations of the terms or conditions of this Contract, and other notices of similar importance shall be made:

by Contractor to:

Chief Executive Officer
City and County of Denver Department of Aviation
Airport Office Building, 9th Floor
Denver International Airport
8500 Peña Boulevard
Denver, CO 80249

by City to:

JSM & Associates
730 East 5th Avenue
Mt. Dora, Florida 32757
John Majewski

Either party hereto may designate in writing from time to time the address of substitute or supplementary persons within the State of Colorado to receive such notices.

11.13 FEDERAL PROVISIONS

This contract is subject and subordinate to the terms, reservations, restrictions and conditions of any existing or future agreements between the City and the United States, the execution of which has been or may be required as a condition precedent to the transfer of federal rights or property to the City for airport purposes, and the expenditure of federal funds for the extension, expansion

or development of Denver International Airport. The provisions of the attached Appendices Nos. 1 and 3 are incorporated herein by reference.

11.14 PROVISION FOR PROFESSIONAL/TECHNICAL SERVICES AGREEMENTS (CONTRACTORS) UNDER §8-17.5-101 – 102, C.R.S. AND D.R.M.C. §20-90

No Employment of Illegal Aliens to Perform Work Under the Agreement.

(a) The Agreement is subject to Article 17.5 of Title 8, Colorado Revised Statutes, and Den. Rev. Mun. Code 20-90 and the Contractor is liable for any violations as provided in said statute and ordinance.

(b) The Contractor certifies that:

(1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.

(2) It will participate in the E-Verify Program, as defined in § 8 17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

(c) The Contractor also agrees and represents that:

(1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(2) It shall not enter into a contract with a subcontractor or subconsultant that fails to certify to the Contractor that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.

(3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in the E-Verify Program.

(4) It is prohibited from using either the E-Verify Program or the Department Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and it has complied with all federal requirements regarding the use of the E-Verify program, including, by way of example, requirements related to employee notification and preservation of employee rights.

(5) If it obtains actual knowledge that a subcontractor or subconsultant performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subcontractor and the City within three days. The Contractor will also then terminate such subcontractor or subconsultant if within three days after such notice the subcontractor or subconsultant does not stop employing or contracting with the illegal alien, unless during such three day period the subcontractor or subconsultant provides information to establish that the subcontractor or subconsultant has not knowingly employed or contracted with an illegal alien.

(6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S. or the City Auditor under authority of Den. Rev. Mun. Code 20-90.3.

11.15 USE, POSSESSION OR SALE OF ALCOHOL OR DRUGS

The Contractor and Contractor's agents shall cooperate and comply with the provisions of the City and County of Denver Executive Order No. 94 and Attachment A thereto concerning the use, possession or sale of alcohol or drugs. Violation of these provisions or refusal to cooperate with implementation of the policy can result in the City's barring the Contractor and Contractor's agents from City facilities or participating in City operations.

11.16 CITY SMOKING POLICY

Contractor acknowledges that smoking is not permitted in Airport buildings and facilities except for designated Airport Smoking Concessions, and so agrees that it will prohibit smoking by its employees and the public in indoor areas and within 15 feet of entryways of the Airport Premises, except as may otherwise be permitted by the Colorado Clean Indoor Air Act, C.R.S. §§ 25-14-201 to 209. Contractor and its officers, agents, and employees shall cooperate and comply with the provisions of the Denver Revised Municipal Code, §§ 24-301 to 317 et. seq., the Colorado Clean Indoor Air Act, C.R.S. §§ 25-14-201 to 209, City's Executive Order No. 99 dated December 1, 1993, and Executive Order No. 13 dated July 31, 2002.

11.17 SOLICITING

No soliciting for any purpose is allowed on Airport premises by the Contractor's employees. The Contractor shall inform its employees of this Agreement requirement prior to the time each such employee shall begin work for the Contractor at Denver International Airport.

11.18 GRATUITIES

Neither the Contractor nor its employees, officers and agents shall solicit or accept gratuities for any reason whatsoever from any employee of the City or the General Public.

11.19 ADVERTISING AND PUBLIC DISCLOSURES

The Contractor shall not include any reference to this Agreement or to work performed hereunder in any of its advertising or public relations materials without first obtaining the written approval of the CEO, which will not be unreasonably withheld. Nothing herein, however, shall preclude the transmittal of any information to officials of the City, including without limitation, the Mayor, the CEO, member or members of City Council, or the Auditor.

11.20 CERTIFIABLY GREEN DENVER PROGRAMS AND INITIATIVES

Contractor shall, when applicable and practicable, follow standards and recommendations of the United States Environmental Protection Agency EPP program, the Green Seal organization, and standards and practices specified by the U.S. Green Building Council, including the Leadership in Energy and Environmental Design (LEED) program. Contractor shall fully implement all appropriate LEED-EB principals to minimize negative economic, environmental, and public health impacts of its operations and maintenance. Services must meet any directly applicable LEED-EB standards, and otherwise help the City realize the goals of the City's Certifiably Green Denver programs and initiatives.

11.21 ESTIMATED QUANTITIES

The approximate service needs outlined herein are estimated as closely as possible. However, the City neither states nor implies any guarantee that actual service utilization will equal the estimate. It is the intent of this Contract that the City will be supplied with more or less of the services outlined herein according to actual needs.

11.22 TIME IS OF THE ESSENCE

In the performance of this contract by the Contractor, time is of the essence.

11.23 CONFLICT OF INTEREST

The Contractor represents and warrants that it is under no obligation or restriction, nor will the Contractor assume any obligation, which would in any way interfere with or be inconsistent with the services to be furnished by the Contractor under this Contract.

11.24 ADVERTISING AND PUBLIC DISCLOSURES

The Contractor shall not include any reference to this Contract or to work performed hereunder in any of its advertising or public relations materials without first obtaining the written approval of the CEO, which will not be unreasonably withheld. Nothing herein, however, shall preclude the transmittal of any information to officials of the City, including without limitation, the Mayor, the CEO, member or members of City Council or the City Auditor.

11.25 SEVERABILITY

If any of the provisions of this Contract are held to be unenforceable or invalid by any court of competent jurisdiction, the remaining provisions herein which are severable shall not be affected.

11.26 ENTIRE CONTRACT

The parties acknowledge and agree that the provisions contained herein constitute the entire agreement between the parties as to the subject matter hereof, and that all representations made by any officer, agent or employee of the respective parties unless included herein are null and void and of no effect. No alterations, amendments, changes or modifications to this Contract, except those which are expressly reserved herein to the CEO, shall be valid unless they are contained in an instrument which is executed by all the parties with the same formality as this Contract.

11.27 ELECTRONIC SIGNATURES AND ELECTRONIC RECORDS:

Contractor consents to the use of electronic signatures by the City. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by the City in the manner specified by the City. The Parties agree not to deny the legal effect or enforceability of the Agreement solely because it is in electronic form or because an electronic record was used in its formation. The Parties agree not to object to the admissibility of the Agreement in the form of an electronic record, or a paper copy of an electronic document, or a paper copy of a document bearing an electronic signature, on the ground that it is an electronic record or electronic signature or that it is not in its original form or is not an original.

11.28 CITY EXECUTION OF CONTRACT

This Contract is expressly subject to, and shall not become effective or binding on the City, until it is fully executed by all signatories of the City and County of Denver.

END OF PAGE

Contract Control Number: PLANE-201736982-00

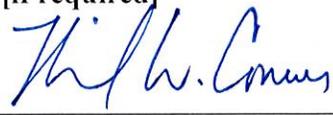
Contractor Name: JSM & Associates, LLC

By:  _____

Name: John Majewski
(please print)

Title: President
(please print)

ATTEST: [if required]

By:  _____

Name: MICHAEL W. CONNER
(please print)

Title: CHIEF FINANCIAL OFFICER
(please print)



**CITY AND COUNTY OF DENVER
DEPARTMENT OF AVIATION**

PERFORMANCE AND PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned JSM & ASSOCIATES, LLC
730 EAST FIFTH AVENUE, MOUNT DORA, FLORIDA 32757

a corporation organized and existing under and by virtue of the laws of the State of FLORIDA, here after referred to as the "Contractor", and ENDURANCE ASSURANCE CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of DELAWARE, and authorized to transact business in the State of Colorado, as Surety, are held and firmly bound unto the CITY AND COUNTY OF DENVER, a municipal corporation of the State of Colorado, hereafter referred to as the "City", in the penal sum of **TWO MILLION AND 00/100 (\$2,000,000.00)**, lawful money of the United States of America, for the payment of which sum, well and truly to be made, we bind ourselves and our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents;

THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH THAT:

WHEREAS, the above bounden Contractor has entered into a written contract with the City for furnishing all labor and tools, supplies, equipment, superintendence, materials and everything necessary for and required to do, perform and complete CONTRACT NO. 201736982 - BAGGAGE HANDLING, SYSTEM OPERATION & MAINTENANCE - FOR THE 6/16/18 TO 6/15/19 TERM Denver, Colorado, and has bound itself to complete the project within the time or times specified or pay liquidated damages, all as designated, defined and described in the said Contract and Conditions thereof, and in accordance with the Plans and Technical Specifications therefore, a copy of said Contract being made a part hereof;

NOW, THEREFORE, if the said Contractor shall and will, in all particulars well and truly and faithfully observe, perform and abide by each and every Covenant, Condition and part of said Contract, and the Conditions, Technical Specifications, Plans, and other Contract Documents thereto attached, or by reference made a part thereof and any alterations in and additions thereto, according to the true intent and meaning in such case, then this obligation shall be and become null and void; otherwise, it shall remain in full force and effect;

PROVIDED FURTHER, that if the said Contractor shall satisfy all claims and demands incurred by the Contractor in the performance of said Contract, and shall fully indemnify and save harmless the City from all damages (liquidated or actual, including, but not limited to, damages caused by delays in the performance of the Contract), claims, demands, expense and charge of every kind (including claims of patent infringement) arising from any act, omission, or neglect of said Contractor, its agents, or employees with relation to said work; and shall fully reimburse and repay to the City all costs, damages, losses and expenses which it may incur in making good any breach or default based upon the failure of the Contractor to fulfill its obligation to furnish maintenance, repairs, services, or replacements for the full guarantee period provided in the Contract Documents, then this obligation shall be null and void; otherwise it shall remain in full force and effect;

PROVIDED FURTHER, that if said Contractor shall at all times promptly make payments of all amounts lawfully due to all persons supplying or furnishing it or its subcontractors with labor and materials, rental machinery, tools or equipment used or performed in the prosecution of work provided for in the above Contract and that if the Contractor will indemnify and save harmless the City for the extent of any and all payments in connection with the carrying out of such Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect;

PROVIDED FURTHER, that if the said Contractor fails to duly pay for any labor, materials, team hire, sustenance, provisions, provender, gasoline, lubricating oils, fuel oils, grease, coal, or any other supplies or materials used or consumed by said Contractor or its subcontractors in performance of the work contracted to be done, or fails to pay any person who supplies rental machinery, tools or equipment, all amounts due as the result of the use of such machinery, tools or equipment in the prosecution of the work, the Surety will pay the same in

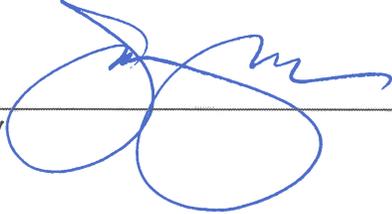


PROVIDED FURTHER, that the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract, or to contracts with others in connection with this project, or the work to be performed thereunder, or the Technical Specifications and Plans accompanying the same, shall in any way affect its obligation on this bond and it does hereby waive notice of any change, extension of time, alteration or addition to the terms of the Contract, or contracts, or to the work, or to the Technical Specifications and Plans.

IN WITNESS WHEREOF, said Contractor and said Surety have executed these presents as of this 22ND day of MARCH, 2018.

Attest:

Secretary



JSM & ASSOCIATES, LLC

Contractor

By:

President

ENDURANCE ASSURANCE CORPORATION

Surety

By:

Attorney-In-Fact **DEBRA J. EZRA**

(Accompany this bond with Attorney-in-Fact's authority from the Surety to execute bond, certified to include the date of the bond).

APPROVED AS TO FORM:

KRISTIN M. BRONSON,
City Attorney for the City and County of
Denver

By:



Assistant City Attorney

APPROVED FOR THE CITY AND COUNTY
OF DENVER

By:

MAYOR

By:

CEO DEPARTMENT OF AVIATION



ENDURANCE ASSURANCE CORPORATION

085

POWER OF ATTORNEY

Know all Men by these Present, that ENDURANCE ASSURANCE CORPORATION, a Delaware corporation (the "Corporation"), with offices at 4 Manhattanville Road, 3rd Floor, Purchase, NY 10577, has made, constituted and appointed and by these presents, does make, constitute and appoint DEBRA J. EZRA, ROBERT G. LULL, BRADLEY W. POST...

Such bonds and undertakings for said purposes, when duly executed by said attorney(s)-in-fact, shall be binding upon the Corporation as fully and to the same extent as if signed by the President of the Corporation under its corporate seal attested by its Corporate Secretary.

This appointment is made under and by authority of certain resolutions adopted by the Board of Directors of the Corporation by unanimous written consent on the 9th of January, 2014, a copy of which appears below under the heading entitled "Certificate".

This Power of Attorney is signed and sealed by facsimile under and by authority of the following resolution adopted by the Board of Directors of the Corporation by unanimous written consent on January 9, 2014 and said resolution has not since been revoked, amended or repealed:

RESOLVED, that in granting powers of attorney pursuant to certain resolutions adopted by the Board of Directors of the Corporation by unanimous written consent on January 9, 2014, the signature of such directors and officers and the seal of the Corporation may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signature or seal shall be valid and binding upon the Corporation in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, the Corporation has caused these presents to be duly signed and its corporate seal to be hereunto affixed and attested this 30th day of November, 2017 at Purchase, New York.

(Corporate Seal) ATTEST

Marianne L. Wilbert signature

MARIANNE L. WILBERT, SENIOR VICE PRESIDENT

ENDURANCE ASSURANCE CORPORATION

By Sharon L. Sims signature

SHARON L. SIMS, SENIOR VICE PRESIDENT

STATE OF NEW YORK ss: Purchase COUNTY OF WESTCHESTER

On the 30th day of November 2017, before me personally came SHARON L. SIMS, SENIOR VICE PRESIDENT to me known, who being by me duly sworn, did depose and say that (s)he resides in SCOTCH PLAINS, NEW JERSEY, that (s)he is a SENIOR VICE PRESIDENT of ENDURANCE ASSURANCE CORPORATION, the Corporation described in and which executed the above instrument...

(Notarial Seal)



Nicholas James Benenati signature

Nicholas James Benenati, Notary Public - My Commission Expires 12/07/2019

CERTIFICATE

STATE OF NEW YORK ss: Purchase COUNTY OF WESTCHESTER

I, CHRISTOPHER DONELAN the PRESIDENT of ENDURANCE ASSURANCE CORPORATION, a Delaware Corporation (the "Corporation"), hereby certify:

- 1. That the original power of attorney of which the foregoing is a copy was duly executed on behalf of the Corporation and has not since been revoked, amended or modified; that the undersigned has compared the foregoing copy thereof with the original power of attorney, and that the same is a true and correct copy of the original power of attorney and of the whole thereof;
2. The following are resolutions which were adopted by the Board of Directors of the Corporation by unanimous written consent on January 9, 2014 and said resolutions have not since been revoked, amended or modified:

"RESOLVED, that each of the individuals named below is authorized to make, execute, seal and deliver for and on behalf of the Corporation any and all bonds, undertakings or obligations in surety or co-surety with others:

CHRISTOPHER DONELAN, SHARON L. SIMS, MARIANNE L. WILBERT

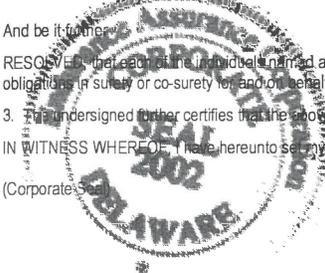
And be it further:

RESOLVED, that each of the individuals named above is authorized to appoint attorneys-in-fact for the purpose of making, executing, sealing and delivering bonds, undertakings or obligations in surety or co-surety for and on behalf of the Corporation."

3. The undersigned further certifies that the above resolutions are true and correct copies of the resolutions as so recorded and of the whole thereof

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal this 22nd day of MARCH, 2018.

(Corporate Seal)



Christopher Donelan signature

CHRISTOPHER DONELAN, PRESIDENT

Any reproductions are void.

Primary Surety Claims Submission: suretybondclaims@sompo-intl.com

Surety Claims Hotline: 877-676-7575

Mailing Address: Surety Claims Department, Sompo International, 1221 Avenue of the Americas, 18th Floor, New York, NY 10020



ENDURANCE ASSURANCE CORPORATION
 formerly known as **ENDURANCE REINSURANCE CORPORATION OF AMERICA**
Balance Sheet - Statutory - Basis
December 31, 2016

Assets:	
Bonds	\$ 890,241,209
Common stocks	355,537,466
Other invested assets	2,840,017
Cash and short-term investments	105,479,694
Receivable for securities	2,911
Total cash and invested assets	<u>1,354,101,297</u>
Agents' balances or uncollected premiums	317,566,436
Reinsurance recoverable on loss and loss adjustment expense payments	42,514,208
Funds held by or deposited with reinsures companies	17,480,598
Investment income due and accrued	4,065,058
Net deferred tax asset	34,174,530
Net deposit asset	12,988,789
Other admitted assets	3,492,845
Total admitted assets	<u>\$ 1,786,383,761</u>
Liabilities:	
Loss and loss adjustment expenses	\$ 527,509,205
Reinsurance payable on paid loss and loss adjustment expenses	13,950,095
Unearned premiums	220,070,113
Ceded reinsurance premiums payable	206,357,868
Commissions payable, contingent commissions and other similar items	(10,765,419)
Net deposit liability	10,445,723
Payable to parent, subsidiaries and affiliates	13,134,049
Provision for reinsurance	2,450,553
Other liabilities	16,422,494
Total liabilities	<u>999,574,681</u>
Capital and surplus:	
Special surplus funds - retroactive reinsurance gain	1,029,084
Common capital stock	5,000,000
Gross paid in and contributed surplus	1,014,000,000
Unassigned funds (surplus)	(233,220,004)
Total capital and surplus	<u>786,809,080</u>
Total liabilities and capital and surplus	<u>\$ 1,786,383,761</u>

I, Stan Osofsky, Treasurer of Endurance Assurance Corporation (the "Company") do hereby certify that to the best of my knowledge and belief, the foregoing is a full and true Statutory Statement of Admitted Assets, Liabilities, Capital and Surplus of the Company as of December 31, 2016 prepared in conformity with accounting practices prescribed or permitted by the State of Delaware Department of Insurance. The foregoing statement should not be taken as a complete statement of financial condition of the Company. Such a statement is available upon request at the Company's office located at 4 Manhattanville Road, 3rd floor, Purchase, NY 10577.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of the Company at Purchase, New York.

Stan Osofsky

Subscribed and sworn to before me this 19th day of April, 2017

ANIE JELINE



**PERFORMANCE AND PAYMENT BOND
SURETY AUTHORIZATION
(SAMPLE)**

FAX NUMBER: 303-342-2552
TELEPHONE NUMBER: 303-342-2540

Assistant City Attorney
Airport Office Building
8500 Pena Blvd. #9810
Denver, CO 80249-6340

RE: JSM & ASSOCIATES, LLC

Contract No: 201736982
Project Name: BAGGAGE HANDLING, SYSTEM OPERATION & MAINTENANCE, DENVER INTERNATIONAL AIRPORT
Contract Amount: \$5,875,399.00 For the 6/16/18 to 6/15/2019 term
Performance and Payment Bond No.: EACX085000255

Dear Assistant City Attorney,

The Performance and Payment Bonds covering the above captioned project were executed by this agency, through ENDURANCE ASSURANCE CORPORATION insurance company, on MARCH 22ND, 2018.

We hereby authorize the City and County of Denver, Department of Aviation, to date all bonds and powers of attorney to coincide with the date of the contract.

If you should have any additional questions or concerns, please don't hesitate to give me a call at 201-661-7363

Thank you.

Sincerely,



DEBRA J. EZRA, ATTY-IN-FACT



Contract Control Number:

IN WITNESS WHEREOF, the parties have set their hands and affixed their seals at Denver, Colorado as of

SEAL

CITY AND COUNTY OF DENVER

ATTEST:

By _____

APPROVED AS TO FORM:

REGISTERED AND COUNTERSIGNED:

By _____

By _____

By _____





Operation & Maintenance Services for the Baggage Handling System

DENVER INTERNATIONAL AIRPORT

BHS Operations & Maintenance

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Operation & Maintenance Requirements

TS-1. INTRODUCTION

- 1.1. This document provides the Contractor with the performance specifications/criteria, the minimal functional requirements to be maintained, and the minimum standards of quality for the Operations and Maintenance (O&M) of the inbound and outbound baggage handling system (BHS) at Denver International Airport (the Airport).
- 1.2. The BHS shall be operated by the Contractor to the highest standard and shall be maintained on a Predictive and Preventive Maintenance basis such that the BHS can provide Airlines/Carriers at the Airport with sufficient service to enable unimpeded operation.

TS-2. ACRONYMS AND DEFINITIONS

Figure 1, Acronyms and Definitions

The following acronyms and definitions are used throughout the document.

Definition	Explanation of Definition or Abbreviation
Airlines	Refers to entities/companies which operate flights and/or services from the Airport, synonymous with Carrier.
Airport	Denver International Airport located in the City and County of Denver, Colorado.
BHS	“BHS,” “Baggage Handling System,” or “Baggage Handling Facilities” means the City’s baggage handling system facilities at the Airport, as described in this Contract, and as such facilities are modified from time to time during the term of this Contract. Includes all aspects of baggage system inclusive of Ticketing, CBIS, CBRAs, Makeup, and Claim areas.
BMA	Baggage Measuring Array.
BSM	Baggage Source Messages. An electronic message between a Carrier Host/Reservation system and the BHS.
Business Day	Monday through Friday excluding any day that is a recognized City and County of Denver Holiday. https://www.denvergov.org/content/denvergov/en/office-of-human-resources/employee-resources/holiday-schedule.html
Canadian load point	Designated load points in the BHS where baggage (typically from Canada) which requires EDS screening can be loaded on Level 3 of the Garages in Modules 2West and 3West.
Carrier	Synonymous with Airline.
CBIS	Checked Baggage Inspection System. A portion of the BHS responsible for security screening.
CBRA	Checked Baggage Resolution Area
C-CBRA	Consolidated Checked Baggage Resolution Area
CCD	The City and County of Denver.

Definition	Explanation of Definition or Abbreviation
City	The City and County of Denver, Department of Aviation, or any governmental agency succeeding such entity in its role as operator of the Airport.
CM	Corrective Maintenance. A scheduled task or set of tasks to adjust, repair, maintain and/or replace components in order to avoid an unexpected failure.
CMF	Central Monitoring Facility where TSA monitor and direct BHS security screening operations 24/7.
CMMS	Computerized Maintenance Management System.
Contract Administrator	“Contract Administrator” means the person designated by the Director of O&M Contract Administration to perform day-to-day administration of this contract for the City. The Director of O&M Contract Administration may from time to time designate a substitute or successor Contract Administrator by written notice to the Contractor.
Contractor	Means a qualified and duly licensed independent Contractor, who is contracted by the City to operate and maintain the BHS as set forth in the Contract Documents.
Contractor Employee	“Contractor employee” or “Contractor personnel” shall include employees and personnel of the Contractor and sub-contractors, if any.
Contractor’s Proposal	"Contractor’s Proposal" shall mean the Proposal as finally submitted by Contractor and accepted by the City and consisting of Contractor’s plan of operation under this Contract. Portions of Contractor’s Proposal are attached hereto as Exhibit C and incorporated herein by reference.
Control room	Area where BHS operations are monitored and directed, inclusive with CMF.
Curbside	Designated areas immediately adjacent to the Terminal where passenger baggage is loaded into the BHS.
Demand	An operational requirement imposed on any part of the BHS to process baggage.
DEN	IATA airport code for Denver International Airport (the Airport)
DIA	Denver International Airport, synonymous with DEN (the Airport).
DCS	Carrier/Airline Departure Control Systems
Dieback	Synonymous with cascade. A condition where baggage stops due to a downstream fault and baggage continues transportation towards the stopped area. As baggage arrives and can no longer move forward, the conveyors stop in a cascading manner.
EDS	Explosive Detection System, TSA furnished and maintained checked baggage screening equipment.
EOB	End of Business, the time when normal business on a working day concludes, assumed to be 17:00hrs Monday to Friday excluding City published holidays unless otherwise stated.
EM	Emergency Maintenance. An unscheduled task or set of tasks to adjust, repair,

Definition	Explanation of Definition or Abbreviation
	maintain and/or replace components during an unexpected failure.
FIDS	Flight Information Display System. A mechanism to display flight information at the Airport in real time.
Fiscal Year	Means January 1 through December 31 of any year or such other fiscal year as the City may adopt for the Airport.
Fall back	Methods and procedures to be implemented during events which affect operations.
Gridlock	A condition where the conveyors stop (dieback) and will not automatically restart. Manual intervention is required.
GSM	Graphic Work Station/SCADA reporting the status of Modules 3E.
GUI	Graphical User Interface.
HSD	High Speed Diverter. An electro-mechanical device for automatically directing baggage to an alternative route.
ICS	Independent Carrier System
KPI	Key Performance Indicators. Methods used to determine benchmarks for performance.
L3	Level 3 floor designation of either the Terminal or adjacent parking garages.
L5	Level 5 floor designation of the Terminal.
L5.5	Level 5.5 floor designation of the Terminal.
L6	Level 6 floor designation of the Terminal.
MSP	Motor Starter Protector. An electro-mechanical device intended to disconnect power to a motor in the event of a fault and/or overload condition.
LEO	Law Enforcement Officer
MDI/ Smiths	Morpho Detection Incorporated/ Smiths Group, a TSA contractor responsible for operation and maintenance of Government supplied EDS screening equipment.
MTTR	Mean Time to Repair.
Non-Working Day	City recognized holiday and/or weekends, Saturday and Sunday.
NTP	Notice to Proceed
OEM	Original Equipment Manufacturer.
Operator	Synonymous with Contractor.
Operation and Maintenance Manuals	Manuals that were delivered to the City for the design, installation, start-up, operation and maintenance of the BHS.

Definition	Explanation of Definition or Abbreviation
PdM	Predictive Maintenance shall mean techniques and procedures performed while equipment is still operating to determine when equipment is likely to fail. Performing PdM can reduce costs and provide higher system availability.
PLC	Programmable Logic Controller. An industrial digital computer control system used to control the BHS.
PM	Preventive Maintenance. A regularly scheduled task or set of tasks to inspect equipment, adjust, repair, maintain and/or replace so as to ensure no unexpected failures.
PMP	Preventive Maintenance Plan. A description and timeline of methods and procedures of tasks to be performed for maintenance. Synonymous with Preventive Maintenance Schedule (PMS).
PMS	Preventive Maintenance Schedule. Synonymous with Preventive Maintenance Plan.
PPE	Personal Protection equipment.
Putty	A Windows based software interface emulation to allow user interface (UI) access to Unix based systems.
Reimbursable Expenses	“Reimbursable expenses” are specified approved expenses actually incurred and paid by Contractor in its performance of this Contract, which are reimbursed by the City in accordance with the provisions of this Contract on a dollar for dollar basis, with no overhead or profit margin added.
SCADA	Supervisory Control and Data Acquisition software.
Scheduled Maintenance	Synonymous with Preventive Maintenance.
SDS	Safety data sheets
Service Contract	Means the Operation, Maintenance and Management contract, in effect between the Contractor and the City as amended, revised, or replaced from time to time, providing for the operation, maintenance and management of the BHS.
SMS	Short Message Service, a text based form of communications sent from a telephone.
SOP	Standard Operating Procedure. Written documents detailing the correct methods and procedures to complete a task.
Stake holders	Shall include the City, TSA and Carriers/Airlines operating at DEN as well as other parties with an interest in BHS operations and Maintenance.
Start Date	Means commencement date of this Contract (March 1, 2012).
SSI	Security Sensitive Information controlled by USC 552 and 49 CFR parts 15 and 1520.
Sub-contract	Means all sub-contracts entered into by the Contractor with any supplier or sub-supplier of materials, furnisher of services, or any organization that may

Definition	Explanation of Definition or Abbreviation
	perform any labor or service in connection with this Contract.
Sub-supplier	Means Person hired by Contractor to act as agents or independent contractors in connection with the operation and maintenance of the BHS.
Skycaps	Personnel who perform provide assistance to the Carrier/Airline in moving baggage, usually but not always limited to the ticketing operations.
SWPP	Safe Work Practices and Procedures.
Tampering	Unauthorized work performed by any person or persons under the control of the contractor or whom should be under the control of the contractor, including any work which effects the operation of the BHS in any way.
Ticketing	Designated areas in the Terminal where passenger baggage is loaded into the BHS.
TS	Technical Specification (this document).
TSA	Transportation Security Administration.
UI	User Interface.
UNIX	A real time computer based Operating System.
USD	Unites States Dollars
WinCC	Advanced SCADA reporting the status of Modules, 1E, 2E, 1W, 2W, 3W and FIS.
Windows	A registered trademark of Microsoft Corporation representing various computer based software Operating Systems.

TS-3. AIRPORT OPERATIONS

- 3.1. The Airport operates 24 hours per day, seven days per week and 365 days per year (24/7/365) with the capability to process flights, passengers and baggage at any time of day through all weather conditions. The Airport is serving in excess of 58 million passengers annually.
- 3.2. The Contractor shall ensure that staffing is adequate to provide uninterrupted service to the Airlines/Carriers operating at the Airport 24/7/365.
- 3.3. The Contractor shall coordinate with the City, system cleanup of Carrier/Airline flight schedules and configure data clean-up of the BHS servers in order to minimize disruption to operations.
- 3.4. The Contractor shall furnish all services impartially to all users of the Airport and shall not favor any Airline/Carrier or Itinerant User.

TS-4. SCOPE OF WORK

4.1. GENERAL

- 4.1.1. The Contractor shall in a good, safe and efficient manner operate all portions of the BHS from the point where baggage is loaded into the BHS by the

Airline/Carrier or Passenger to the final point where the baggage is unloaded by the Airline/Carrier or Passenger, inclusive of all BHS equipment in between including load/unload areas, Make-up/Claim areas and TSA inspection areas. The BHS shall be kept in a neat and orderly condition at all times.

- 4.1.2. The Contractor shall provide, manage, supervise and train all personnel required to perform the operations and maintenance at the minimum service standard defined in the Contract and monitored through the Key Performance Indicators (KPI). All materials, equipment, consumables and services required to achieve and maintain the KPIs shall be included and provided by the Contractor. The Contractor shall schedule, maintain, monitor and operate the BHS in accordance with the terms and provisions of this Contract.
- 4.1.3. The Contractor shall ensure that operations personnel are stationed in areas within the BHS where personnel can adequately respond to operational problems such that the defined KPIs of the Contract are maintained.
- 4.1.4. The Contractor shall maintain the BHS on a predictive and preventive maintenance basis in a safe and efficient manner such that equipment is inspected regularly and changed/repared prior to actual failure so that equipment operates continuously without unexpected failure. The Contractor shall provide all labor and procure spare parts, materials and consumables to promptly repair, rebuild, and/or replace all damaged, worn or defective parts, components or materials should equipment fail despite the preventive maintenance efforts.
- 4.1.5. The Baggage Handling System shall mean collectively all structures, improvements, facilities, equipment, inventories, conveyors, controls components, control systems, computer hardware and software, networks, systems, spare parts, and other components or equipment used for transporting normal and odd/over-size baggage located within the airport terminal building and associated terminal garage structures at the Airport, inclusive of, but not limited to the following;
 1. Ticketing, Lobby and curbside
 2. Conveyors
 3. Lift devices
 4. Totes and tote conveyors
 5. Powered and non-powered doors for security, fire protection or other function
 6. Baggage make-up devices
 7. Baggage claim devices
 8. Ski claim devices
 9. Motor control panels
 10. Power distribution panels
 11. Operator stations
 12. Controls devices
 13. Baggage tag scanners
 14. Baggage camera systems
 15. Baggage Measuring Array (BMA)
 16. Baggage Diverters
 17. Computers, battery backups, servers, Workstations, Field Monitoring stations and Video wall

- 18. Security and Fire Doors
- 19. Networks, Ethernet TCP/IP, ControlNet, ProfiBus and Serial RS232/RS422
- 20. Monitoring and fault annunciation (SCADA)

- 4.1.6. The Contractor shall maintain and manage the Spare Parts Storage to ensure adequate Spare Parts are on hand at all times for maintenance.
- 4.1.7. The Contractor shall be responsible for complete and accurate record keeping and shall maintain a good record keeping methodology so that information of the BHS operation, spare parts, maintenance, performance, and reliability can be readily and easily identified and reported.
- 4.1.8. The Contractor shall provide reports of the operation and the maintenance of the BHS as required or requested by the City.
- 4.1.9. The Contractor shall ensure that all personnel working on the BHS comply with the Airport and TSA security and safety requirements, additionally the Contractor shall abide by all Airport rules and regulations.
- 4.1.10. The Contractor shall keep proper records of events impacting the BHS. Records shall be uploaded to the Airport Sharepoint site or other designated storage under the direction of the Airport. Electronic pictures shall be taken to provide an accurate record of the event including but not limited to the following;
 - A. Baggage jams resulting in damaged equipment/baggage or delay in delivery of baggage.
 - B. Damage to BHS (e.g. Airline equipment running into BHS impact protection, BHS equipment, etc)
 - C. Failure of BHS equipment (e.g. damage beading on Transnorm belt, etc.)
- 4.1.11. All equipment which requires rebuild/ refurbishment shall be part of the scope of work under this contract.

4.2. BHS CONFIGURATION

- 4.2.1. The number of assets in the BHS may change during the term of this contract. The monthly fee and staffing requirements are subject to change (due to the change in asset count) as determined by the Contract Administrator.
- 4.2.2. The equipment in the field consists of six (6) separate BHS modules, each module capable of operating independently from each other.
- 4.2.3. Some modules have interconnecting conveyor systems so that multiple modules can operate as a single BHS.
- 4.2.4. Some modules have interconnecting conveyor lines to allow baggage to be transported between modules in the event of a serious incident where baggage cannot be routed to the make-up area or screening capability is compromised (e.g. between modules 2West and 3West).

4.2.5. THE CAPACITY OF EACH OUTBOUND BHS MODULE

- A. Each Module currently has 2,000 bags per hour capacity based on five (5)

installed CTX9000/CTX9400 EDS machines with the ability to expand to a total of eight (8) EDS machines and an increase in throughput. The capacity and EDS machine models may change in the term of this contract.

- B. Conveyor expansion capacity for the EDS screening lines is existing and in place and shall be maintained in an operational state.
- C. During acceptance testing, each module was capable of processing 2,100 bags within a 1 hour period. The Contractor shall ensure that each module on an as requested basis can pass a similar throughput test, if so required by the City.

4.2.6. CURRENT PEAK OUTBOUND OPERATIONS

- A. Current operating peak hour per module is as high as one thousand four hundred (1,400) bags. In the past, peak hour of as high as one thousand seven hundred fifty (1,800) bags has been seen.
- B. Current operating throughput per module ranges from three thousand (3,000) bags per day to twelve thousand (12,000) bags per day. In the past the BHS has seen as many as nineteen thousand (19,000) bags per day.
- C. Certain parts of the BHS that were installed in 1995 when the airport opened remain operating, approximately twenty percent (20%). The remaining eighty percent (80%) of the BHS was installed during the screening system upgrades completed in 2003 through 2006.
- D. The Consolidated CBRA has capacity to address screening requirements in accordance with PGDS 5.0 for six (6) modules operating at peak capacity of 2,100 bags per hour with an additional capacity of 600 bags per hour crossing between modules for screening. Capacity can be increased as necessary by the addition of ICS baggage cars.

4.2.7. TIMELINE OF EQUIPMENT

- A. Module 3E came on line in 2003.
- B. Modules 1E, 2E and 1W came on line in 2004.
- C. Module 2W, 3W and FIS came on line in 2005.
- D. Level 5.5 expected completion date to be determined.
- E. Equipment across the BHS varies. Original equipment from 1995 consists of Portec, BAE, Stearns, Rapistan, Transnorm, PFlow, Overhead and Vigneaux, while the screening system upgrade installed between 2003 and 2006 utilized some of the original equipment, the remainder was installed by Siemens consisting of Siemens and Transnorm equipment.
- F. Refer to Appendix D: BHS Equipment Asset List below for a complete list of all conveyors and other BHS equipment, while the following sections will give a general description of each module.

4.2.8. MODULE 1EAST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) through screening to the Make-up area (Garage L3).
2. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
3. Odd-size Outbound from Ticketing (Terminal L6, L6 Curbside and L5 Curbside) through the designated TSA inspection area to the Airline/Carrier collection area.
4. Odd-size Inbound from the loading areas (Terminal L3) to the passenger Claim areas (Terminal L5).

4.2.9. MODULE 2EAST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) through screening to the Make-up area (Garage L3).
2. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
3. Odd-size Outbound from Ticketing (Terminal L6, L6 Curbside and L5 Curbside) through the designated TSA inspection area to the Airline/Carrier collection area.
4. Odd-size Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).

4.2.10. MODULE 3EAST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) through screening to the Make-up area (Terminal L3).
2. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
3. Odd-size Outbound from Ticketing (Terminal L6, L6 Curbside and L5 Curbside) to the designated TSA inspection area.
4. Odd-size Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).

4.2.11. MODULE 1WEST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) through screening to the Make-up area (Garage L3).
2. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
3. Odd-size Outbound from Ticketing (Terminal L6, L6 Curbside and L5 Curbside) through the designated TSA inspection area to the Airline/Carrier collection area.

4. Odd-size Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).

4.2.12. MODULE 2WEST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) and Canadian load points (Garage L3) through screening to the Make-up area (Garage L3).
2. Interlinking crossover lines allowing baggage to be transported between 2West and 3West for normal operations before and after EDS screening.
3. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
4. Odd-size Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) through the designated TSA inspection areas.
5. Odd-size inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
6. Pet lift from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).

4.2.13. MODULE 3WEST

1. Outbound from Ticketing (L6 Lobby, L6 Curbside and L5 Curbside) and Canadian load points (Garage L3) through screening to the Make-up area (Garage L3).
2. Interlinking crossover lines allowing baggage to be transported between 2West and 3West for normal operations.
3. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
4. Pet lift from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).

4.2.14. MODULE FIS (FEDERAL INSPECTION SYSTEMS).

1. FIS CBIS equipment will be taken out of service as part of the Consolidated CBRA project.
2. Outbound from Ticketing (Terminal L5) and Mitigation load point (Terminal L3) through screening to the Make-up area (Terminal L3). The ticketing line will be re-routed into module 1 East for screening and routing to the airline makeup area as part of the Consolidated CBRA project.
3. Inbound from the loading areas (Terminal L3) to the passenger Claim area (Terminal L5).
4. Odd-size Outbound from Ticketing (Terminal L5) to the make-up areas

Terminal L3).

5. Odd-size inbound from the loading areas (Terminal L3) to the passenger Claim areas (Terminal L5).

4.2.15. CONSOLIDATED CBRA

1. ICS equipment is not part of this scope of work.
2. The TSA screening areas in each module are being consolidated into two (2) standard bag inspection areas located on L4 of the Terminal.
 - a. Each CBIS will be connected to an ICS which transports to/ from the CBIS.
 - b. Each CBRA consists of 24 inspection tables.
 - c. In close proximity to each CBRA is a Manual Encoding station where bags with an unknown destination/ status are routed and encoded.
 - d. Baggage exiting CBRA can be routed to the makeup area or back to a CBIS for re-screening.
3. Two (2) Over-size (OS) CBRA are located on L3 of the Terminal. Baggage. Baggage from the curb-side inputs East/ West are routed to each CBRA and back to a designated make-up area for each module.
4. OS is the redundant path for standard baggage via interconnecting transport lines whenever the standard size system cannot securely screen baggage.
5. It is possible to route baggage to another module for screening via an interface in the control room.
6. The C-CBRA project consists of standard conveyor, over-size conveyor equipment in addition to specialized ICS equipment.
7. As part of the C-CBRA project, the Graphic system is upgraded to the latest version, the existing Siemens Dematic Sort Controllers remain and are modified as required to provide the C-CBRA functionality.
8. The C-CBRA project consists of standard and over-size conveyor equipment that may be added to the scope of this contract.

4.2.16. TSA ENABLING PROJECT

A. General

1. A conveyor system is being installed in L5.5 of the terminal to allow baggage to be checked in at any point within the East/ West terminal and be screened in the CBIS associated with the bags final destination make-up area.
2. Curbside inputs continue to route baggage directly to the adjacent CBIS (subject to change). If the bags final destination make-up is in another

module, the bag will be routed onto the ICS and transfer to the BHS associated with the final destination for screening and sortation.

3. The enabling project consists of standard conveyor equipment that may be added to the scope of this contract.
- B. The work completed under the TSA enabling project in Level 5.5 is designed to have no impact on screening capacity.

4.2.17. EQUIPMENT NOT IN SERVICE

- A. The following list indicates equipment that is currently not in service but is expected to be maintained and remain in an operational state as if the equipment was in service;
1. Unused EDS screening lines which are not populated with EDS screening machines.
 2. Unused Odd-size lines from the L6 lobby ticketing area to L5 in Modules 1E, 2E, 3E and 1W.

4.2.18. EQUIPMENT EXCLUDED FROM MAINTENANCE.

- A. The City reserves the right to exclude portions of the BHS from the Contractors responsibilities of maintenance; these subsystems are valuable assets of the airport and the Contractor shall not use these subsystems as a repository of spare parts. Any reduction in items that need to be maintained by Contractor shall result in a corresponding reduction in fees paid to the Contractor. The exact amount of the reduction in fees shall be negotiated between the Parties.

4.2.19. CONTROL ROOM

- A. The BHS has a control room which contains the following equipment.
1. Communication devices
 2. Work stations
 3. Servers
 4. Printers
 5. Video wall
 6. BSM interface

4.2.20. SERVER ROOM

- A. The BHS has a server room that contains the following equipment;
1. All BHS Servers
 2. Sort Controller servers
 3. Graphics and Web Navigator Servers

4. Unified Universal Interface server
5. VPN gateway
6. Virus Protection Management server
7. BSM gateway and Carrier Clients
8. Network switches
9. Network routers
10. Databases

4.2.21. BHS INTERFACES

- A. The BHS interfaces with Carrier/Airline Departure Control Systems (DCS) through which it obtains BSMs. The BSM interface consists of the following equipment;
 1. Two BSM gateways—the two operational gateways are two out of three possible gateways
 2. Redundant Servers
 3. Redundant Carrier interface connections for WN, F9, and AA
 4. Redundant support platform via modem
- B. The City may during the execution of this contract install the third operational BSM gateway due to operational requirements from Carrier/Airlines and this equipment, if so installed and operational, shall become a component of the BHS included in this contract at no additional cost to the City.
- C. Other expansions to the system as required by the addition of Airline/Carrier interfaces shall become a component of the BHS included in this Contract at no additional cost to the City.
- D. The BHS contains a custom interface from a BSM gateway which provides baggage routing information for Modules 2W and 3W outbound baggage. The BSM gateway located in Concourse B is the responsibility of UAL, however fiber in the Terminal is part of the BHS.

4.2.22. SOFTWARE

- A. The Contractor shall not modify any software code including the code contained in any PLC's unless approved by the City in writing.
- B. The Contractor shall be responsible for uploading existing PLC code into the PLCs listed in 4.2.22.C using software and hardware provided by the City as necessary to maintain operation due to loss of programs (e.g. power failure, data/program corruption, etc.)
- C. Software to be Uploaded by Contractor
 1. Inbound Square-D Symax Processors
 2. Odd-size Square-D Symax Processors
 3. Odd-size Allen Bradley PLC5

4. Odd-size Allen Bradley SLC500
- D. All other software shall be maintained by the City's designated Third Party Company per § 4.3 below.

4.3. EXCLUSIONS TO SCOPE OF WORK

- A. The Contractor should note that certain parts of the BHS are maintained by a Third Party appointed by the City and under direct contract with the City. The Contractor shall, during daily operations, cooperate with the Third Party.
- B. The following activities are performed by the Third Party.
 1. Area of Responsibility
 - a. PLC software (only PLC software is excluded from this Contract and the Contractor is responsible for all PLC hardware)
 - b. Server hardware and software
 - c. Operator workstations hardware and software
 - d. Network hardware
 2. Activities Covered by Third Party
 - a. Check for free server disk space and manage disk drives accordingly
 - b. Verify automatic anti-virus protection software scans on servers and workstations
 - c. Periodically update virus protection definitions and engine/program as required to maintain protection
 - d. Run complete back-ups on each of the server disks and workstations
 - e. Periodically complete shutdown routines on each server to ensure that each server can recover from a power failure
 - f. Ensure reports are operational and available to be run by operators
 - g. Archiving reports
 - h. Ensure PLC code integrity is maintained in each PLC
 - i. Ensure both primary and secondary PLC are operational
 - j. Review daily operational logs and review any noted system issues with the Contractor
 - k. As necessary collect, review, and investigate data from EDS machines and its interface to the BHS to determine any discrepancy in data and reconcile differences
 - l. Respond to requests for assistance by the Contractor in troubleshooting problems with mechanical, electrical and control elements of the BHS that cannot be resolved by the Contractor in a timely manner

4.4. ADDITIONS TO THE SCOPE OF WORK

- A. The Contractor shall provide as part of their bid, pricing to maintain additional

BHS equipment.

- B. The Contractor shall provide hourly rates for personnel.
- C. Pricing shall remain valid for the entire period of the contract.

TS-5. QUALITY ASSURANCE

- A. The Contractor shall ensure that a Quality Assurance plan is in place throughout the term of the Contract.
- B. The Contractor shall submit complete details of the Contractor's Quality Assurance plan to the City for review no later than thirty (30) days after commencement of operations and/or maintenance.
- C. The Contractor shall submit an updated plan to the City within seven (7) days of any changes being made to the Contractor's Quality Assurance plan. Any changes to this plan must be approved by the City.
- D. The Contractor shall ensure that its employees and sub-contractors are in compliance with the Contractor's Quality Assurance plan at all times.

TS-6. STAFFING/MANPOWER REQUIREMENTS

6.1. GENERAL

- A. The Contractor shall at all times perform its services under this Contract by means of providing adequately trained and competent technical labor and supervisory personnel in sufficient numbers and classifications necessary to perform such services efficiently and in accordance with the Contract Documents.
- B. The Airport operates twenty-four (24) hours a day, all days of the year, with periods of high usage. The Contractor is responsible to provide adequate staffing for the operations at all times, including times of high usage such as holidays and peak seasonal events.
- C. The Contractor is fully responsible for providing staffing to properly operate and maintain all parts of the BHS, support the Airport and/or Airline/Carrier operations. The Contractor shall provide personnel as required by the flight schedules in effect during the term of this Contract. The Contractor accepts the fact that the flight schedule is subject to change and the work schedule may need to be adjusted at the Contractor's expense.
- D. The Contractor shall ensure that all of their employees are sufficiently trained in BHS operations and maintenance practices, are competent and capable of attending to and resolving BHS problems such that downtime of the BHS is kept to a minimum and within the limitations defined in these specifications.
- E. The Contractor shall only use skilled, competent personnel, who are experienced and knowledgeable in BHS operations and maintenance.
- F. Each Contractor employee in a position involving matters of Safety and Security shall be fluent in speaking, reading and writing in the English language, at no

less than the level required for competent and efficient performance of the duties of their position. The Contractor shall be responsible for the neat appearance, courtesy, efficiency, and conduct of all the Contractor's personnel at all times.

- G. The City reserves the right to approve the Contractor's employment or appointment of any person performing work at the Airport under this Contract, if such person is deemed by the Contract Administrator to be unfit to carry out the duties of the position to which the Contractor intends to assign or has assigned such individual.
- H. The Contractor shall remove any person from the Airport at the City's request. The Contractor is responsible for returning the Airport ID Badge immediately.
- I. The Contractor shall provide the following to the City;
 - 1. A detailed staffing schedule at the commencement of each calendar year, or as requested, detailing the minimum staffing levels provided by the Contractor to properly operate and maintain the BHS and meet the KPI's detailed in the Contract.
 - 2. Staffing schedules shall be updated and resubmitted to the City as changes are made.
- J. The Contractor shall provide and maintain an organizational chart detailing the hierarchy in the entire site organization including the following;
 - 1. Site Manager
 - 2. Office Manager
 - 3. Supervisors
 - 4. Designated Safety Officer
 - 5. Parts Technician
 - 6. Control Room Operators
- K. The Contractor shall update the organizational chart whenever changes are made to appointments and submit all relevant documentation regarding such appointment changes including an updated organizational chart to the City, no later than EOB on the next business day of such change.
- L. The Contractor shall ensure that a minimum of one person per shift is certified as a competent forklift/hoist/scissor-lift operator capable of legally operating a forklift/scissor-lift and certification is current and a certified person is on site at all times.
- M. The Contractor shall comply with all Local, City, State and/or Federal requirements relating to work rules, including but not limited to;
 - 1. Shift-work
 - 2. Breaks, quantity, duration, and intervals
 - 3. Over-time
 - 4. Minimum rest periods
 - 5. Multiple and consecutive shifts
- N. The Contractor shall provide a time keeping mechanism to provide an auditable

electronic record of shift start and shift finish times. The Contractor shall be required to ensure that all staff properly report all working hours.

6.2. KEY PERSONNEL

- A. For the purposes of this Technical Specification, the following persons shall be regarded as Key personnel.
 - 1. Site Manager
 - 2. Parts Technician
 - 3. Supervisors
 - 4. Control System Technicians
 - 5. Office Manager

6.3. UNIFORMS

- A. The Contractor shall furnish their employees with a uniform to standards accepted by the City. The Contractor shall submit information pertaining to uniforms to the City for approval no later than 30 days after NTP and whenever the Contractor intends to materially alter uniforms.
- B. The Contractor shall enforce a reasonable level of dress code ensuring that all employees will present a neat, clean, and orderly appearance at all times while at the Airport.

6.4. SUBSTITUTION OF EMPLOYEES

- A. The Contractor personnel performing work under this Contract shall perform exclusively under this Contract, and shall not perform any work for the Contractor, or sub-contractor, as the case may be, except the work which is defined herein, consisting of BHS Operation & Maintenance services on site at DEN. The Contract Administrator or their designee may permit specific exceptions to this provision where such permission is obtained in writing.
- B. The Contractor shall instruct all Contractor personnel that their employment with the Contractor, or sub-contractor, as the case may be, to work under this Contract is their primary employment. Additional employment shall in no way interfere with or compromise an employee's ability to perform his or her duties for the Contractor or sub-contractor under this Contract.
- C. The Contractor shall not reassign any key personnel holding one of those positions to duties away from the Airport, unless it notifies the Contract Administrator in writing, the name and qualifications of the person proposed to replace such person in the position, and obtains the prior written approval of the Contract Administrator for such substitution. If the employee is promoted, resigns or otherwise terminates employment with the Contractor, the Contractor shall immediately notify the Contract Administrator, and provide the Contract Administrator written notice of the name and qualifications of the person proposed to replace such person in the position.

6.5. MINIMUM STAFFING LEVELS

- A. The Contractor shall as an absolute minimum provide the following staffing levels at all times. It is the Contractor’s responsibility to staff accordingly to meet the performance requirements of the Contract specifications.

Figure 2, Minimum Staffing Levels

Staff Position/Title	Number of People	Minimum Staff per Shift*
Site Manager	1	
Office Manager	1	
Supervisor	TBD by Contractor	1
Control Systems Technician		1
Control Room Operator		1
Machinery Maintenance Mechanic		3
Entry Support Mechanic**		2
Safety Officer (not dedicated position)		1
Parts Technician	1	

*Shifts shall cover 24/7 unless the position specifically identifies less than 24/7

**It shall be acceptable to DEN for the Contractor to substitute higher levels of personnel due to skills/promotions at the Contractor’s expense.

- B. The minimum staffing levels are set as a minimum requirement. The contractor may choose to include additional staffing levels to ensure all KPI’s are met and minimum staffing levels are met.
- C. During times of peak seasonal events the Contractor shall provide additional manpower to support operations ensuring that faults are responded to and addressed in accordance with this specification. peak seasonal events shall include but not be limited to the following;
1. President’s weekend
Three (3) days prior to Presidents day through to three (3) days after.
 2. Memorial Day
Three (3) days prior to Memorial Day through to two (2) days after.
 3. Spring break
As required to ensure the performance requirements of the contract are met.
 4. Independence Day
Two (2) days prior to Independence Day through to two (2) days after. If any black-out days coincide with a weekend, extend to include the Monday/Friday.
 5. Labor Day
The Friday prior to Labor Day through to and including the following

- Wednesday.
6. Thanksgiving
The entire week of Thanksgiving through to and including the following Tuesday.
 7. Christmas/ New Year period
Five (5) calendar days prior to Christmas through four (4) days after New Year's Day.

6.6. STAFF DEFICIENCIES

- A. Whenever the Contractor is unable to provide the minimum staffing levels, the Contractor shall decrease the monthly operations and maintenance fee (Item #1 in Schedule of Prices) accordingly based on the agreed rates between the Contractor and the City.
- B. The Contractor shall make all efforts to address deficiencies in staffing.
- C. Staff deficiencies shall be covered by personnel with the same qualification/ classification (e.g. A CST shall be substituted by a qualified CST).
- D. The Contractor shall issue monthly to the City and on-demand a staff allocation report detailing all hours provided under this contract by staff position. Deficient hours in the past month based on minimum staffing levels shall be clearly detailed.
- E. Should the Contractor fail to address such staffing deficiencies within thirty (30) calendar days, the City may at its sole discretion deduct from the monthly fee. Penalties shall be based on deficient calendar days.

6.7. ON-SITE ADMINISTRATION STAFF

The Contractor shall as a minimum, but not limited to, provide the following staff for administration and management of the Contract;

6.7.1. SITE MANAGER

- A. Working Hours
 1. The Site Manager shall operate from the site for a minimum period of forty (40) hours per week, usually during normal business hours (8/5).
 2. The Contractor shall provide a Site Manager on-site at DEN for 52 weeks of the year.
- B. Responsibilities
 1. The Site Manager shall be responsible for all day to day operations at the Airport and shall have the overall responsibility and authority to assure the Contractor's compliance with this Contract.
 2. The Site Manager shall serve as the Contractor's representative and point of contact with the City for all matters concerning the Contract and representing the Contractor in all communications.

3. The Site Manager shall be on-call to address and/or coordinate activities on site should an incident occur that cannot be addressed by on-site personnel. The Contractor shall ensure that the Site Manager or their designated fill-in has the necessary tools that ensure the minimum availability as outlined in this document.
4. The Site Manager shall have the Contractor's full authorization to empower any employee, sub-supplier and/or resource of the Contractor to perform all of the requirements detailed in this document.
5. The Site manager shall attend regularly scheduled and as requested meetings with the City and/or Stakeholders to discuss the BHS.
6. Ensure timely submittal to the City of all invoices, reports, staffing plans and other documents required by the Contract.
7. The Site Manager is responsible for hiring, training, assigning, scheduling, promoting, disciplining and discharging employees to work for the Contractor under the Contract.
8. Review and revision as necessary of Contractor policies and procedures relating to the Contractor's performance of the Contract, including personnel, safety, security, and operational matters.
9. All other matters required for the Contractor's compliance with the Contract.
10. Other duties as required

C. Qualifications

1. High School diploma or equivalent.
2. The Contractor shall submit credentials for proposed Site Managers to the City for review prior to appointment.
3. The Site Manager shall have a minimum of five (5) years' experience in management of BHS Operations and Maintenance.

D. Replacement

1. Interim Site Managers shall be appointed by the Contractor for periods of no more than 5 consecutive work days without approval from the City to address absences through sickness, leave, training etc.
2. Any interim Site Manager appointments exceeding five (5) consecutive work days due to absence for any reason shall have credentials submitted to the City for approval fourteen (14) days prior to such absences being planned and/or within twenty-four (24) hours of an unexpected absence. The City strongly encourages the Contractor to have on record an approved person to fill-in during an unexpected absence.
3. Any planned absences exceeding five (5) consecutive work days (vacation, etc) shall be reported to the City at least fourteen (14) days prior to the absence occurring.

6.7.2. OFFICE MANAGER

A. Working Hours

1. The Office Manager shall operate from the site for a minimum of thirty-two (32) hours per week.

B. Responsibilities

1. The Office Manager shall be responsible for maintaining all office operations of the Contractor on-site including but not limited to;
2. Filing
3. Issuing reports
4. Communications
5. Auditing
6. Financial reporting
7. Personnel administration
8. Payroll and benefits administration/reporting
9. Coordinate payment of all tax and fees related to BHS operations and maintenance
10. Other duties as required

C. Qualifications

1. High School diploma or equivalent.
2. The Contractor shall submit credentials for proposed Office Managers to the City for review prior to appointment.
3. The Office Manager shall have a minimum of two (2) years' experience in office management.

D. Replacement

1. Interim personnel shall be authorized to perform the Office Managers duties as necessary during period when the Office Manager is not on site.
2. Any planned absences exceeding five (5) consecutive work days (vacation, etc) shall be reported to the City at least fourteen (14) days prior to the absence occurring.

6.8. ON-SITE SUPPORT PERSONNEL

6.8.1. SUPERVISOR

A. Working Hours

1. At least one Supervisor shall be on site at all times (24/7).
2. The Contractor shall provide a Supervisor on-site at DEN for 52 weeks of the year for all shifts.

B. Responsibilities include but are not limited to

1. Supervisors shall be fully conversant with all daily operations including all fallback procedures.
2. Supervisors shall coordinate work schedules for the day and be responsible for assignment of daily/nightly duties, Quality control and Safety.
3. Coordination of Maintenance tasks, review of work performed to ensure it was done to the proper quality standard.
4. Schedule and Training of technicians.
5. Coordination with TSA, Airport Operations and the Airlines.
6. Supervisors shall be hands-on workers when other duties are complete.
7. The responsible Supervisor shall have authorization to make any decisions regarding BHS operations/maintenance including implementing any fallback modes. Delays in implementing fallback operations as a result of authorization to proceed from the Site Manager is unacceptable.
8. Other duties as required

C. Qualifications

1. High School diploma or equivalent.
2. Supervisors shall have a minimum of three (3) years' experience in BHS Operations and Maintenance.
3. Supervisors shall undertake a Contractor provided training course, defined in the training plan approved by the City, every six months to ensure that they are proficient with all BHS operations including implementation of fallback procedures. Any Supervisor not receiving a passing grade shall repeat training within seven (7) days. Should the Supervisor continue to fail a passing grade, the Contractor shall appoint a person with a passing grade as a replacement until such time as the supervisor can attain a passing grade.

D. Replacement

1. Interim Supervisors shall be appointed by the Contractor for periods of no more than 5 consecutive work days without approval from the City to address absences through sickness, leave, training etc.
2. Any interim Supervisor appointments exceeding five (5) consecutive work days due to absence for any reason shall have credentials submitted to the City for approval fourteen (14) days prior to such absences being planned and/or within twenty-four (24) hours of an unexpected absence. The City strongly encourages the Contractor to have on record an approved person to fill-in during an unexpected absence.
3. Any planned absences exceeding five (5) consecutive work days (vacation, etc.) shall be reported to the City at least fourteen (14) days prior to the absence occurring.

6.8.2. CONTROL SYSTEMS TECHNICIAN

A. General

1. The Contractor shall provide a minimum of Control System Technicians as follows.

B. Working Hours

1. One (1) Control Systems Technician shall be on site at all times (24/7).
2. The Contractor shall provide a Control Systems Technician on-site at DEN for 52 weeks of the year for all shifts.

C. Responsibilities include but are not limited to

1. The day to day operations of the BHS.
2. Performs Preventive Maintenance (PM) inspections, dismantling, repair and rebuilding of equipment.
3. Performs scheduled maintenance dismantling, repair and rebuilding of equipment.
4. Performs unscheduled Maintenance dismantling, repair and rebuilding of equipment.
5. Capable of readily identifying the following;
 - a. Unexpected system operation
 - b. Implementing proper procedures
 - c. Resolving operational issues including but not limited to, Dieback, Grid lock and Fallback procedures
6. Control room operations, capable of fulfilling control room operator duties in the event of an unexpected situation where support is required or an unexpected absence occurs.
7. Capable of reading and understanding all BHS electrical schematic diagrams.
8. Capable of using and understanding electrical test instruments.
9. Fully conversant with and capable of maintaining all mechanical and electrical components in the BHS.
10. Installation, inspection, assessment, maintenance, repair and/or refurbish of all parts, components and/or assemblies within the BHS.
11. Capable of clearing and resetting operational issues (jam, etc.)
12. Cleaning of BHS and surrounding areas.
13. Other duties as required

D. Qualifications

1. High School diploma or equivalent.
2. Controls Systems Technicians shall have a minimum of three (3) years'

experience in BHS Operations and Maintenance.

3. The Control System Technician shall be capable of performing all work done by the Entry Support Mechanic and Machinery Maintenance Mechanic unsupervised.
4. The Control System Technician shall be capable of performing all work unattended and unsupervised.
5. Fully proficient with and capable of operating all BHS tools.

6.8.3. CONTROL ROOM OPERATOR

A. Working Hours

1. A Control Room Operator shall be present in the control room at all times (24/7)-
2. The Contractor shall provide a Control Room Operator on-site in the control room at DEN for 52 weeks of the year for all shifts.
3. Shifts for Control Room operators shall overlap so that incoming personnel have an opportunity to get up-to-speed on current BHS operation so that hand-overs occur in an efficient and reliable manner.

B. Responsibilities

1. Control Room Operators shall regard all information obtained from operations in the BHS control room as Security Sensitive Information (SSI) and ensure that the provisions of SSI are maintained.
2. The Control Room Operator's primary task shall be to monitor proper operation of the BHS and direct resources to inspect/repair operation, so as to meet the performance requirements of this specification.
3. Control Room Operators shall be proficient and trained on the proper use of all equipment and interfaces in the BHS control room, including but not limited to;
 - a. Workstations based on Microsoft Windows operating systems.
 - b. Customized applications to monitor BHS operations including WinCC and GSM.
 - c. Customized applications to monitor and identify baggage routing in the BHS including Putty, Blue screens and UUI.
 - d. Radios
 - e. Telephones
 - f. Reporting and recording the schedule of events, e.g. recording the sequence of events during an unexpected event.
 - g. Cleaning printers, clearing paper jams, loading paper, changing printer cartridges, etc. and general usage of printers.
 - h. Uploading flight schedules automatically and manually.
 - i. Updating operations information, ensuring changes to operations flight schedules, sortation maps, etc. are current and accurate.

- j. Startup procedures, purging/ verifying operations/ sortation, documenting proper routing of baggage.
 - k. Monitoring screening/ routing of baggage, investigating anomalies and bring all anomalies to the attention of the Supervisor for resolution.
 - l. Monitoring of BSM delivery, taking appropriate actions to ensure that interruption to BSM delivery is promptly actioned/resolved.
 - m. Inspection of BSM gateway/ message delivery equipment, respond to BSM alerts immediately, resolve alerts, and bring all unresolved alerts to the attention of the Supervisor for resolution.
 - n. Inspection of Server Room equipment, reporting unexpected/ unusual equipment status to the supervisor for resolution.
 - o. Implement call tree notifications based on equipment failures.
 - p. Implement fallback procedures in accordance with adopted practices.
 - q. Other duties necessary to support control room operations.
4. Control Room Operators shall promptly report BHS alarms and events and shall direct personnel to inspect, clear blockages/jams and/or repair failed equipment as appropriate.
 5. Control Room Operators shall be attentive of the state and condition of the entire BHS at all times in order to respond immediately to reported events and/or possible blockages/events and/or unusual BHS behavior, including but not limited to;
 - a. Jams
 - b. E-stops
 - c. Faults
 - d. Security
 - e. Equipment malfunction
 - f. Incorrect operation
 - g. Incorrect routing of baggage
 - h. Power outages
 - i. Server outage
 - j. Missing BSMs
 - k. Die-backs
 6. Control Room Operators shall perform coordination of personnel and resources to ensure that the minimum service requirements defined are maintained.
 7. Control Room Operators shall not be distracted from observance of BHS operation/state and/or direction of personnel/materials to address BHS operations including but not limited to;
 - a. Personal electronic devices
 - b. Personal conversation
 - c. Personal literature
 - d. Consumption of food, drinks, etc.
 8. Control Room Operators shall record information as needed to meet the

requirements of this specification.

9. Control Room Operators shall coordinate with all Stakeholders.
10. Control Room Operators shall respond to BHS related inquiries either by persons or telephone in a courteous and efficient manner.
11. Other duties as required

C. Qualifications

1. The minimum qualifications of the Control Room Operators are a Machinery Maintenance Mechanic level with additional skills capable of understanding the cause of a problem (even if uncertain how to resolve the problem) so that the proper resources/actions can be assigned and directed to address a fault.
2. The Contractor is responsible to develop a training program for the Control Room Operators. This course syllabus shall be submitted to the City for review and approval.
3. The Contractor shall keep a detailed record of all training completed by Control Room Operators. Control Room Operators shall complete a refresher course, as outlined in the approved training plan, on control room operations including fallback procedures every six (6) months. Proper records of training shall be kept by the Contractor and submitted to the City as identified elsewhere in this document.

6.8.4. MACHINERY MAINTENANCE MECHANIC

A. Working Hours

1. Shift-work covering all times (24/7).
2. The Contractor shall provide Machinery Maintenance Mechanics on-site at DEN for 52 weeks of the year for all shifts.

B. Responsibilities include but are not limited to

1. Performs Preventive Maintenance (PM) inspections, dismantling, repair and rebuilding of equipment.
2. Performs scheduled maintenance dismantling, repair and rebuilding of equipment.
3. Performs unscheduled Maintenance dismantling, repair and rebuilding of equipment.
4. Fully conversant with and capable of maintaining all mechanical components in the BHS.
5. Installation, inspection, assessment, maintenance, repair and/or refurbish of all mechanical parts, components and/or assemblies within the BHS.
6. Control room operations, capable of fulfilling control room operator duties.

7. Capable of clearing and resetting operational issues (jam, etc.)
 8. Cleaning of BHS and surrounding areas.
 9. Other duties as required
- C. Qualifications
1. High School diploma or equivalent.
 2. A Journey level position.
 3. Capable of performing all work performed by an Entry Support Mechanic unsupervised.
 4. Capable of working unsupervised.
 5. Skilled to diagnose, adjust and/or reset improper function (belt tension/tracking, jam, etc.).
 6. Fully proficient with and capable of operating all BHS tools.

6.8.5. ENTRY SUPPORT MECHANIC

- A. Working Hours
1. Shift-work covering all times (24/7).
 2. The Contractor shall provide Entry Support Mechanics on-site at DEN for 52 weeks of the year for all shifts.
- B. Responsibilities
1. Assists with adjustment and reset of improper function (belt tension/tracking, etc.)
 2. Performs PM inspections
 3. Performs scheduled Maintenance inspections, dismantling, repair and rebuilding of equipment.
 4. Performs unscheduled Maintenance dismantling, repair and rebuilding of equipment with supervision or assistance.
 5. Capable of clearing and resetting operational issues (jam, etc.) after proper training.
 6. Cleaning of BHS and surrounding areas.
 7. Other duties as required
- C. Qualifications
1. High School diploma or equivalent.
 2. Capable of working without direct supervision for more than fifty (50%) of the time. Capable of completing a task with minimal supervision after proper training.
 3. Capable of operating mechanical hand tools.

6.8.6. PARTS TECHNICIAN

A. Working Hours

1. The Parts Technician shall be on site for a minimum of five (5) days/forty (40) hours per week (8/5). When the Parts Technician is not on site, the Supervisor shall be responsible for securing the parts inventory and issuing equipment as required.
2. The Contractor shall provide a Parts Technician on-site at DEN for 52 weeks of the year.

B. Responsibilities include but are not limited to

1. The Parts Technician shall be responsible for parts inventory related duties of the Contractor as well as the City purchased inventory items including but not limited to the following tasks;
 - a. Maintenance and accuracy of inventory in the DEN Computerized Maintenance Management Software (CMMS)
 - b. Issuing replacements parts
 - c. Maintaining minimum stock levels
 - d. Auditing of stock as defined in the reports section. Compiling and issuing stock reports as required or requested
 - e. Ordering and receiving of replacement parts
 - f. Selecting vendors based on best value for the Airport
 - g. Continual review and updating of vendors lists
 - h. Tracking orders and deliveries
 - i. Coordination of deliveries
 - j. Tracking equipment/component failures
 - k. Reporting/Trend analysis as required or requested
 - l. Coordination of all warranty related items and tasks
2. Other duties as required or requested

C. Qualifications

1. High School diploma or equivalent.
2. A minimum of two (2) years' experience in clerical work involving computerized data entry, inventory control, computerized inventory maintenance, record keeping and purchase ordering/receipting.
3. Proficient verbal and written communication skills.

D. Replacement

1. Shall follow the general staff replacement requirements of the Contract Documents.

TS-7. SAFETY

7.1. SAFETY AND CLEANLINESS

- A. The Contractor is responsible for the health and safety of its employees, agents,

suppliers, and other persons, who perform work under this Contract and for the protection and preservation of the BHS. The Contractor shall take all necessary and reasonable precautions and actions to protect all such persons and property. Such actions shall include, but are not limited to the following;

1. Compliance with all the applicable laws, regulations, ordinances, rules or orders of any public authority having jurisdiction relating to safety of persons or property.
 2. Implementation of all practices, procedures and programs customarily implemented by contractors performing work of a similar nature.
 3. The Contractor shall ensure that staff are provided with the proper safety equipment, are properly trained in the use of safety equipment and shall enforce the proper use of safety equipment when required by OSHA or the City, for example;
 - a. Eye protection (safety glasses)
 - b. Safety shoes
 - c. Head protection (hard hats/bump caps)
 - d. Noise protection (ear muffs)
 - e. Electrical shock protection (gloves)
 - f. Unintended use (lock-out tags/locks)
 - g. Face masks
 4. The Contractor shall ensure that all employees wear the correct PPE including foot wear appropriate for the task being performed.
 5. The City shall have the right to require removal of any employee who fails to wear the proper uniform and PPE in a reasonable condition and the exercise of this right shall not limit the obligation of the Contractor to perform the services defined by this specification.
- B. The Contractor shall ensure that areas for use by the Contractor are properly maintained, regularly cleaned and free from hazards.
- C. Maintain all records, make all reports and post all documents required by Federal, State and Local laws and regulations on employee worker safety and protection from hazardous conditions and materials.
- D. HAZMAT
1. The Contractor shall dispose of any hazardous material used by the Contractor during the term of this contract in a safe, secure and responsible manner using industry best practices.
 2. No materials will be allowed to enter Denver's storm water sewer system. Only those products suitable for discharge via the sanitary system will be considered allowable discharges. All sanitary sewer discharges must comply with the Denver Revised Municipal Code Section 56-102 and Part 180 of the Denver Municipal Airport System Rules and Regulations, along with any other applicable federal, state, or local regulations.
 3. Any other materials identified by the Contractor to be deemed hazardous shall be brought to the immediate attention of the Airport/ TSA/ LEO (as

applicable). The Contractor shall ensure that the area containing hazardous material is marked off and secured where practical.

4. Under no circumstances shall the Contractor or any persons under the control of the Contractor take steps to move and or otherwise interfere with any material deemed to be hazardous until properly inspected/ disposed of or an 'all clear' has been given by authorized personnel .
5. The disposal of any hazardous wastes on Denver property is prohibited. All hazardous waste must be disposed off-site at an appropriately permitted facility. It shall be the Contractor's responsibility to determine any associated or potential cost of hazardous waste disposal compliance.

7.2. SAFETY OFFICER

- A. The Contractor shall designate a person responsible for coordinating and enforcing all safety issues on site at the Airport.
- B. Responsibilities include but are not limited to
 1. The Contractor shall appoint a Safety Officer within their organization to perform safety related tasks.
 2. The Safety Officer shall perform an annual audit of all safety practices and submit the report of the findings to the Contractor's Site Manager all Safe Work Practices and Procedures (SWPP).
 3. Shall attend airport safety meetings and seminars as required by the City.
 4. Anticipated as the first responder to all safety related incidents.
 5. Required to submit a formal written report for all incidents involving injury or near miss incidents for the Contractor or the sub-contractors personnel.
 6. Responsible for safety training of all the Contractor's personnel and/or sub-suppliers personnel working at the Airport.
 7. Maintain all SDS documentation up-to-date.
 8. Other duties as required
- C. Qualifications
 1. At least three (3) years' experience in BHS operations and maintenance procedures appointed to a position equal or better than a Maintenance Machinery Mechanic.
 2. Extensive knowledge of principles and practices for evaluating and implementing a comprehensive safety program; training techniques; basic principles of risk management, methods and techniques to ensure and enforce accident prevention.
 3. Good observation, reporting, recording, oral and written communication skills with the ability to;
 - a. Properly investigate and evaluate complex safety problems and issues.

- b. OSHA 30 hour general industry training.
 - c. Establish and maintain an effective working relationship with personnel at all levels of the Contractor and the City organization.
 - d. Analyze situations accurately through observation, and personnel interviews.
 - e. Able to make timely and effective recommendations regarding personal safety and Safe Work Practices and Procedures.
 - f. Able to clearly interpret applicable safety and environmental laws and regulations.
 - g. Able to plan and present safety training programs.
 - h. Able to communicate clearly with others to obtain compliance and cooperation with other personnel over whom one has no direct authority.
- D. The Contractor shall have in place an official safety plan detailing the following as a minimum;
- 1. All safe work practices and procedures to be implemented by employees and/or sub-suppliers when performing any work at the Airport.
 - 2. Review procedures to address deficiencies in actions taken.
- E. The Contractor shall submit a safety plan to the City no later than 30 days after NTP or prior to the commencement of operations (whichever occurs first). In addition the Contractor shall submit an updated safety plan whenever the Contractor alters the safety plan or there is a material change in State/Federal requirements which require an adjustment to the safety plan.

7.3. SAFE WORK PRACTICES AND PROCEDURES (SWPP)

- A. The Contractor shall perform regular audits of safe work practices and procedure to ensure compliance by all its employees and sub-contractors.
- B. The Contractor is solely responsible for ensuring that all personnel and sub-contractors working at the Airport are fully conversant with all safe working practices and procedures and enforcement of those SWPP.
- C. The Contractor shall put in place a procedure to allow SWPP to be updated and/or corrected. The Contractor shall submit all changed SWPP to City by EOB on the next business day once SWPP have been reviewed, updated and put into place.

7.4. CONTRACTOR EMERGENCY PLAN

- A. The Contractor shall submit to the City an emergency plan to address the safe evacuation of personnel under the control of the Contractor. The Contractor's emergency plan shall be properly coordinated with the City's emergency plan. The plan shall at a minimum include the following:
 - 1. Natural disasters
 - 2. Injuries to employees or persons under the control of the Contractor
 - 3. Fires

4. Emergency evacuation of offices and work spaces, identifying primary and alternative exit points
 5. Bomb threat procedures
 6. Automobile accidents
- B. The Contractor will ensure that its employees are trained and responsive in accordance with the Contractor Emergency Plan and Airport Policies and Procedures. In the event of an emergency, employees are instructed to call the Airport Emergency number at 303-342-4211.

TS-8. CONTINGENCY PLAN

8.1. GENERAL

- A. The Contractor shall provide the City with Contingency Plans for all BHS related system failures. Each plan shall as a minimum contain the following information;
1. Description of contingency item (electrical failure, mechanical failure, etc.).
 2. Notification of required stake holders, names and contact information.
 3. Detail all the different actions to be taken based on the severity of the failure.
 4. Procedure for handling baggage during the outage.
 5. Provide a representative in the Airport Emergency Operations Center when requested by the City.
- B. Ensure an Event Report detailed in this document is provided when Contingency Plans are activated.
1. Provide a narrative regarding impact to BHS, Airport, TSA, and Airline Operations
 2. Timeframe, beginning and end of event
 3. Actions taken by the Contractor during the event
 4. Equipment effected by event
 5. Quantity of misrouted baggage (bags to CBRA, etc.) as provided by the City or Airline
 6. Quantity of misconnected bags (failed to load on aircraft) as provided by the City or Airline
 7. Quantity of Delayed aircraft as provided by the City or Airline
- C. The Contractor shall submit the plan no later than 30 days after commencement of operations and within five days of the plan being updated or as requested by the City.

TS-9. KEY PERFORMANCE INDICATORS (KPI'S)

9.1. GENERAL

- A. The Contractor shall, through the Baggage Operations and Baggage Maintenance activities, ensure that the Key Performance Indicators (KPI's)

defined herein are fulfilled. The KPIs are created to have a very clear and straightforward measuring system in place to evaluate the performance and quality of the operations and maintenance activities provided by the Contractor. Failing to meet KPIs may result in deductions in monthly payments as defined in § 9.10 below.

- B. Ticketing belt stoppage due to downstream equipment failures shall be limited to no more than fifteen (15) minutes before fallback methods are put in place to continue ticketing operations.
- C. Jams shall be attended to within three (3) minutes of the system reporting the condition. Jams, which cannot be cleared within a further two (2) minutes shall initiate fallback methods to ensure delivery of stranded baggage.
- D. Emergency stops conditions shall be responded to within three (3) minutes of the event being reported. Emergency stops, which cannot be cleared within a further two (2) minutes shall initiate fallback methods to ensure delivery of stranded baggage.
- E. Maintenance call conditions shall be responded to within three (3) minutes of the call being initiated.
- F. Provide minimum staffing levels at all times.
- G. Issue reporting details as required by this specification.
- H. Ensure that the BHS operates and is configured to ensure all baggage is screened in accordance with the description of operation and TSA requirements for screening of baggage.
- I. Refer to § 9.10 below for deductions to the contract fee that may apply for non-performance or substandard performance of the Contractor.

9.2. FAILURES

- A. Belting which fails (cannot transport baggage anymore) during operations due to unexpected damage shall be repaired within two (2) hours of the condition becoming a stoppage requiring implementation of fallback methods.
- B. Conveyor components which fail during operations shall be replaced within one (1) hour of the condition becoming a stoppage requiring implementation of fallback methods.
- C. Failures which occur as a result of incorrect adjustment by the Contractor and have an effect on operations involving bags missing connections with aircraft and/or aircraft being delayed shall be recorded by the Contractor and reported to the City within four (4) hours of the incident being completed. A written report shall be submitted no later than 12:00 PM on the next business day.

9.3. AVAILABILITY

9.3.1. GENERAL

- A. Availability shall be calculated based on any equipment being available for

service during operations with the exception of;

1. Equipment that is scheduled for downtime (EQ_{sdt}).
 2. Maintenance work that can be completed without affecting the BHS's ability to meet the demand imposed upon it by operations (M_{sdt}).
- B. Scheduled Operating Time soT is equivalent to the amount of time that the equipment is required to be in service less the items identified above.
1. Daily availability would be equivalent to (1440 minutes – (EQ_{sdt} + M_{sdt})).
 2. Monthly availability for a 30 day month would be equivalent to (30days * 1440 minutes – (EQ_{sdt} + M_{sdt})).
 3. Annual availability would be equivalent to (365 days* 1440 minutes – (EQ_{sdt} + M_{sdt})).
- C. Removing any portion of the BHS from operation in order to perform maintenance whether scheduled or unscheduled which results in dieback, bags miss-connecting as a result of BHS delays (which could have normally connected) and/or aircraft delays (in order to ensure bags connect) shall be regarded as NOT meeting demand.

9.3.2. CALCULATION

Figure 3, Availability Calculation

$$\text{Availability \%} = \frac{(\text{scheduled operating time } soT - \text{downtime}) * 100}{\text{scheduled operating time } soT}$$

- A. Availability shall be calculated per subsystem based on a weighted system defined in the table below.

<u>Item</u>	<u>Weight</u>	<u>Subsystems</u>
IB _{std}	20%	21
Ticketing _{std}	10%	50
CBIS/MU _{std}	35%	6
EDS _{std**}	15%	30
IB _{OS}	10 %	5
OB _{OS}	10%	12

** CBIS screening lines where redundant

- B. The following is intended as an example only and may not represent the actual system;

<u>MONTHLY</u>	<u>Time_{total}</u>	<u>Time_{Weight}</u>	<u>Availability</u>	<u>Limit</u>
BHS/CBIS	1246	222.80	99.5%	99.2%
Mod 1E	157	27.75	99.94%	99.7%
Mod 1W	133	13.50	99.97%	99.7%
Mod 2E	82	9.75	99.98%	99.7%
Mod 2W	71	11.95	99.97%	99.7%
Mod 3E	658	139.75	99.68%	99.7%
Mod 3W	91	10.20	99.98%	99.7%
Mod FIS	54	33.00	99.92%	99.7%

<u>BHS/CBIS</u>		Weight	Time	
DT _{subsys}	IB _{std}	20%	182	36.40
	Ticketing _{std}	10%	266	26.60
	CBIS/MU	35%	294	102.90
	EDS	15%	130	19.50
	IB _{OS}	10%	213	21.30
	OB _{OS}	10%	161	16.10
<u>DT_{weight}</u>	<u>222.80</u>		<u>1246</u>	
Availability	99.48			

9.3.3. MINIMUM SYSTEM AVAILABILITY

- A. The Contractor shall be deemed to have failed to meet the KPI performance requirements of the contract if the Contractor fails to meet any of the availability requirements defined below;
1. Greater than ninety-nine percent (99.0%) on a daily basis per module (less than fifteen (15) minutes downtime weighted per day per module).
 2. Greater than ninety-nine and seven tenths percent (99.7%) on a monthly basis per module (less than two (2) hours downtime weighted per month per module).
 3. Greater than ninety-nine and two tenths percent (99.2%) on a monthly basis (less than six (6) hours accumulated downtime weighted per month) across all modules.

9.4. BAG IDENTIFICATION

- A. Automatic Tag Reader (ATR) performance shall exceed a read rate minimum of ninety-three percent (93%) per array and ninety-five percent (95%) per module calculated on a daily basis.

9.5. TRACKING ACCURACY

9.5.1. GENERAL

- A. Tracking performance shall exceed ninety-seven percent (97%) of all bags being processed over a twenty-four (24) hour period.
- B. Bags lost in tracking can be identified as the total number of bags incorrectly sorted to a MU device.
- C. Bags which are routed to the run-out device due to no-read or no sort information but are correctly tracked shall be deemed to be tracked accurately.

9.5.2. CALCULATION

Figure 4, Tracking Performance Calculation

$$\text{Tracking Performance \%} = \frac{(\text{Total Bags to assigned MU} - \text{Bags lost in tracking}) * 100}{(\text{Total bags to MU})}$$

9.6. MEAN TIME TO REPAIR (MTTR)

- A. MTTR analysis shall commence from when equipment goes out of service until equipment is returned back into service.
- B. The Contractor shall report to the City on a monthly basis with information supporting MTTR for the following components as a minimum;
 - 1. Belt change
 - 2. Diverter paddle change
 - 3. Motor and/or reducer/gearbox change
 - 4. Odd-size drive base gearbox/reducer or drive shaft
 - 5. Clutch/Brake and/or Wrap spring clutch and/or similar change
 - 6. Photocell replacement
 - 7. Encoder replacement
 - 8. VFD replacement
 - 9. Make-up/Claim drive unit, chain

9.7. OPERATION

- A. The Contractor shall ensure that all operational activities are performed in accordance with the Contract. Should the Contractor fail to perform the required operational activities, penalties defined in § 9.10 below may apply.

9.8. MAINTENANCE

- A. All maintenance performed under this contract shall be categorized as one of the following items:
 - 1. Preventive Maintenance (PM)
 - 2. Predictive Maintenance (PdM)
 - 3. Scheduled/Corrective Maintenance (CM)
 - 4. Unscheduled/Emergency Maintenance (EM)
- B. The Contractor shall ensure that all maintenance activities are performed in a timely manner. Should the Contractor fail to perform the required maintenance, penalties defined in § 9.10 below may apply.

9.9. FAILURE TO MEET KPI

- A. Should the Contractor fail to meet any KPI within a calendar month, the Contractor shall provide the City a written explanation detailing the reasons why the Contractor was unable to meet the KPI. In addition the Contractor shall provide the City with a written proposal detailing what corrective actions the Contractor will take in order to meet the KPI's identified in this document.
- B. Should the Contractor fail to meet any KPI, the City may at the City's sole discretion deduct from the Contractor's invoice an amount equivalent to the penalties according to § 9.10 below.

- C. Should the Contractor fail to meet KPI's due to an error on the part of the Contractor, their employees, sub-suppliers or other persons under the immediate direction of the Contractor, which results in baggage not being screened, baggage that fails to load on an aircraft and/or aircraft being delayed (so as to allow baggage to load on departing aircraft), the City at its sole discretion may deduct from the Contractor's invoice according to § 9.10 below in addition to any penalties imposed by lawful government agencies.

9.10. KPI DEDUCTIONS

9.10.1. GENERAL

- A. The importance of a safe, reliable, and effective baggage handling system at Denver International Airport (DEN) cannot be overstated. As a result of dialog between JSM & Associates, LLC and the City, a compromise to promote partnership, transparency, and excellent service will be made in regards to the start date of the measurement of metrics for performance deduction purposes.
- B. Accordingly, the City agrees to a temporary waiver of performance deductions and non-essential reports for up to 180 days from the start of the contract – with a review at 90 days after the start of the contract, however should there be a decline in service, the City shall, in its sole discretion, exercise the right to revert all measures back to their original form as defined in the technical specifications. At the 90 day mark the Parties (Contractor and City) shall meet to determine when the performance metric (Including but not limited to KPIs) review period in the contract begins. If no agreement on a performance metric start date can be reached between the Parties then the City shall choose the date with a start no later than December 15, 2018.
- C. The Contractor acknowledges that its services under this Contract require handling and accounting for mission critical equipment and services for the airlines and passengers at the Airport, and therefore the highest standards of competence, integrity, reliability and courtesy are required in the performance of the Contractor's duties hereunder for the protection of the City's revenues and delivery of quality service to the public at the Airport. Therefore, it is agreed that deviations below the standards of performance required under this Contract may result in deductions from the compensation payable for such services, as described below. The provisions of this section shall not preclude recovery by the City of damages or the City obtaining equitable relief for breaches of the Contract by the Contractor.
- D. For any month where the Contractor does not fulfill the requirements of this Contract, the City reserves the right to assess penalties and deduct sums from the Contractor's monthly invoice.
- E. Deductions which the City elects to impose on the Contractor in its sole discretion shall not exceed 20% of the Contractor's monthly operations and maintenance fee. In the case of the operations and maintenance fee being reduced due to staffing deficiencies as mentioned in Section 6.6 above, the 20% cap will be based on the invoiced amount. An example is provided below:

1. When normal operations and maintenance fee of \$100,000 is reduced by \$1,000 due to staffing deficiencies, the monthly cap shall be 20% of \$99,000 (\$19,800).

9.10.2. PAYMENT DEDUCTIONS

Figure 5, Payment Deductions

Incident	Deduction	Remark
Failure to address staff vacancies within 30 calendar days.	USD 500 per calendar day, per person	On day 31 the penalty applies.
Failure to follow approved maintenance procedure resulting in premature equipment failure.	USD 500 per occurrence	
Failure to notify, provide or complete an accident report within the times identified in this specification.	USD 300 per occurrence	Includes any incident the Contractor is responsible for including subcontractors. If knowledge of such accident was known or should have been known by Contractor for damage to City and/or County property
Insufficient and operating communication tools (phones/radios)	USD 200 per day	
Unauthorized tampering with the BHS computer system	USD 2,000 per occurrence	
Failure to complete spare parts inventory audits from the acts or omissions of Contractor	USD 1,000 per occurrence	
Failure to complete PM inspections within required time frame	USD 100 per occurrence	
Failure to implement fallback operational procedures on time	USD 500 per occurrence	
Failure to perform scheduled corrective maintenance within the required time frame	USD 300 per occurrence plus USD 100 for every day that the corrective maintenance is not completed	
Failure to address bag jams, E-stop conditions and Maintenance Calls on time	USD 100 per occurrence	
Penalty for each unscreened bag bypassing EDS and CBRA due to improper operation, maintenance or configuration of the BHS by the Contractor.	USD 500 per bag. Max USD 5,000 per incident per day	This penalty is in addition to recovery of any fines and/or penalties imposed on the City.

Incident	Deduction	Remark
Penalty for each failed to load bag due to improper operation, maintenance or configuration of the BHS by the Contractor.	USD 25 per bag. Max USD 1,500 per incident	Applicable when bags miss their departing flight due to reasons of the Contractor
Penalty for each delayed aircraft due to improper operation, maintenance or configuration of the BHS by the Contractor.	USD 250 per bag. Max USD 1,500 per incident	Applicable when aircrafts are delayed due to reasons of the Contractor
Penalty for not meeting System Availability	USD 1000 per Month	For each occurrence, for the minimum criteria defined 9.3.3 above is not met.
Penalty for not meeting bag tracking accuracy	USD 1000 per Month	For each Module
Penalty for not meeting ATR read-rates	USD 100 per occurrence	For each ATR calculated daily due to reasons under the control of the Contractor
Penalty for not having replacements spare parts on site during equipment failure	2x equivalent USD of component being replaced, minimum USD 100	For each part not on site for replacement.
Penalty for assigning an employee or allowing an employee to be assigned to work at another site without written approval from the City.	USD 1,000 1st occurrence plus USD100 per day employee is absent from DEN. USD 5000 2nd or subsequent occurrence plus USD 300 per day employee is absent from DEN 3rd or subsequent occurrences, subject to default.	
Penalty for failing to provide training in accordance with the approved training plan.	USD 500 per occurrence, per employee	
Falsification of information reported to the City	First occurrence USD 1,000 Second occurrence USD 5,000 Subsequent occurrences USD 10,000 throughout the life of the contract.	Subject to default

TS-10. BAGGAGE OPERATIONS

10.1. GENERAL

- A. The Contractor shall operate all portions of the BHS in an efficient and safe manner from the point where baggage is loaded into the BHS by the Airline/Carrier or Passenger to the final point where the bags are unloaded by the Airline/Carrier or Passenger, inclusive of all BHS equipment between including load/unload areas, Make-up/Claim areas and TSA inspection areas.
- B. The Contractor shall not in any way interfere with or obstruct the rights of the users of the Airport except as reasonably required in the performance of its

obligations and functions hereunder, or cause the BHS to be used for any improper or unlawful purposes.

- C. The Contractor shall keep all sidewalks or passageways of stairways in front of, within or adjacent to the BHS clear of obstructions except as reasonably required in the performance of its obligations and functions hereunder.
- D. The Contractor shall ensure that operations personnel are stationed in areas within the BHS where personnel can adequately respond to operational problems maintaining KPI's. The Contractor is responsible for the following;

10.2. OPERATIONAL TASKS

10.2.1. GENERAL

- A. The Contractor shall be responsible for providing the following services;
 - 1. Monitoring system operation and performance
 - 2. Assigning personnel as required to attend/resolve system events
 - 3. Updating Sortation configuration
 - 4. Updating Carrier/airlines Makeup assignments
 - 5. Updating flight schedules and Make-up assignments
 - 6. Collecting data and distributing to Stakeholders as required and/or as requested
 - 7. Assigning personnel to perform maintenance
- B. The Contractor shall provide labor as required to support fallback operations including handling of unscreened baggage between ticketing and alternative load areas.

10.2.2. STANDARD OPERATING PROCEDURES (SOP)

- A. The Contractor shall develop, document and maintain Standard Operating Procedures, approved by and provided to the City, including but not limited to;
 - 1. Jam clearing procedures
 - 2. Crossing equipment
 - 3. Working on operational equipment
 - 4. Cleaning ATR's
 - 5. Belt tracking, alignment & tension
 - 6. Other equipment alignment and tension
 - 7. Motor/reducer inspection/replacement
 - 8. Sensor calibration and/or adjustment
 - 9. VFD parameter setting

10. PLC redundancy switch-over
11. Lock-out/tag-out procedure
12. Control room operation
13. Radio communications
14. Fault analysis
15. Report generation

10.2.3. COORDINATION WITH STAKEHOLDERS

- A. Provide support and logistics to the City for coordination with Stakeholders including, but not limited to;
 1. Airlines/Carriers
 2. TSA
 3. Third parties, who perform duties/tasks in support of BHS operations including but not limited to, EDS operation and BSM operation
 4. The City and its assigned representatives
- B. The Contractor shall coordinate BHS operations with airport construction activities in progress from time to time.
- C. The Contractor shall work with all responsible parties to address scheduled shutdowns.

10.3. INSPECTIONS

- A. Perform inspections of all portions of the BHS at the end of each Modules/areas daily operation to verify that no baggage has become stranded in the BHS and failed to load with its departing flight.
- B. The Contractor shall perform periodic checks of the BHS in areas not manned by Stakeholders and as necessary manually handle stranded baggage and move such bags to an operational area of the BHS for proper processing. The Contractor shall take appropriate actions to prevent the occurrence of stranded bags at the end of daily operations.

10.4. MANUAL BAG HANDLING

- A. The Contractor shall perform all necessary manual handling of baggage as a result of improper operation of the BHS including but not limited to;
- B. Events that Require Manual Handling of bags include the following situations;
 1. Bags that become stranded (due to equipment failure/no longer available)
 2. Bags that have fallen off equipment
 3. Bags that have become trapped (straps, snags or other)
 4. Bags that need relocation in connection with implementation of or

execution of fallback modes

- C. During emergency operations, when parts of the BHS are out of service, the Contractor is expected to assist with manual movement of baggage.

10.5. RECORDS

- A. Keep records of and provide a written report of all stranded, trapped or bags found fallen off the equipment to the appropriate Carrier/Airline.
- B. Provide a written report of all areas which require modifications, to the City prior to commencing any modifications to the BHS which are required to address stranding of baggage.
- C. Prepare and submit all regular reports defined herein.

10.6. MEETINGS

- A. The Contractor shall provide appropriate management and technical personnel to attend meetings required or appropriate for the orderly and efficient operation and maintenance of the BHS, including meeting with the City, Airlines/Carriers and others as may be reasonably required.
- B. The Site Manager shall attend a scheduled weekly meeting (to be determined by The City) to update the City of the status of the BHS. The Contractor shall be prepared to supply information detailing the performance of BHS operation and maintenance.

10.7. BAG SECURITY SCREENING

- A. The Contractor shall comply with all TSA regulatory requirements.
- B. The Contractor shall ensure that all baggage entering any part of the BHS is properly screened in accordance with TSA regulatory requirements, which are subject to change, before being transported to the make-up devices. Under no circumstances shall the Contractor allow baggage to exit the BHS and bypass any TSA mandated screening. Should an incident occur where baggage exiting the BHS is not properly screened the Contractor shall take immediate steps to;
 - 1. Ensure that no additional bags exit the BHS without being screened. If necessary, the effected CBIS or portions of CBIS, which does not properly screen bags, shall be stopped.
 - 2. Alert the local TSA and the City by phone or in person of any situations where the Contractor knows or believes that baggage may have exited the BHS and not been properly screened.
 - 3. The Contractor shall follow up all incidents where baggage exiting the BHS has not been properly screened with an interim written report to the City within four (4) hours of the situation becoming known to the Contractor. A final written report shall be submitted to the City no later than 12:00 PM

on the next business day detailing the following;

- a. All actions, activities and/or events taken by the Contractor to identify the cause(s) leading up to baggage not being screened.
- b. All actions taken by the Contractor to mitigate the impact.
- c. All actions taken by the Contractor to ensure that the incident cannot be repeated.
- d. Any changes to procedures required to ensure that the incident cannot be repeated.
- e. Any changes in BHS operation required to ensure that the incident cannot be repeated.
- f. Persons notified.

10.8. CONTROL ROOM ACTIVITIES

10.8.1. GENERAL ACTIVITIES

- A. The Contractor is responsible for manning the BHS Control room during all operations of the BHS for the continued monitoring of the complete BHS, and dispatching personnel to correct any malfunction.
- B. The control room is shared with others, including the TSA, who are performing a critical security function. Information and the activities in the control room are considered Security Sensitive and are covered by SSI (49 CFR parts 15 and 1520).
- C. The use of electronic devices not required for BHS operations, consuming food/drink and general distractions unrelated to BHS operations is prohibited.
- D. The proper cleaning and housekeeping of the work space and all BHS equipment in the control room.
- E. It is the Contractor's responsibility to ensure that Control Room Operators are trained in the proper use of all control room equipment and user interfaces to properly and efficiently monitor BHS operation/performance.
- F. The Contractor shall take appropriate actions in a timely manner to ensure that the minimum performance requirements of the BHS are met and maintained.
- G. General Housekeeping such as files, folders, organization of BHS items shall be kept in an organized and orderly fashion.
- H. Monitoring the graphic status displays for security of baggage inputs and dispatching personnel to any areas, which have open security access or have been accessible without the operation of the BHS equipment.
- I. Monitor the status of EDS screening machines and alert TSA to possible problems with EDS screening machines to allow speedy implementation of support procedures and as necessary dispatch of support personnel.
- J. Dispatching operations personnel to operational issues within the BHS (Jams, faults, stoppages, etc.)
- K. Any operational issue taking more than fifteen (15) minutes to resolve shall be fully documented in the required event log reports provided to the City.

- L. Observe BHS operation for unexpected events, dispatch and direct personnel to areas which could indicate unexpected operation and/or delay baggage delivery to the make-up area.
- M. Follow up of all operational issues within five (5) minutes of the event and provide an update every subsequent five (5) minutes or as requested thereafter to the Contract Administrator (and/ or designated contacts) and Airline(s) affected by the issue until the issue is resolved.
- N. When equipment has been taken out of service and baggage has been routed through alternative means, progress shall be checked every thirty (30) minutes until equipment has been returned to service.
- O. Coordination and implementation of fallback strategies. The Control Room Operator shall be properly trained so that in the event of the implementation of any fallback strategy, be capable of implementing and coordinating the fallback strategy and communicating with all parties affected by the strategy.
- P. Coordinate with Carrier/Airlines and the City as required, to load and or modify make-up assignments to support Carrier/Airline operations.
- Q. Coordinate with Carrier/Airlines for flight schedule updates, load flight schedules as required to support Carrier Airline operations.
- R. Collect and compile data for reporting purposes.
- S. Coordinate with Maintenance personnel as required to ensure equipment in immediate need of maintenance is properly supported or requires scheduled maintenance during system downtime.
- T. The Contractor shall be the primary point of contact for coordination and implementation of any fallback operations in the BHS.
- U. Collect/ compile information for reporting purposes.

10.8.2. GENERAL CLEANING OF THE BHS OPERATIONS AREA, REPLENISHING OF PRINTER CONSUMABLES, ETC.BHS INTERFACES

- A. Check and verify proper operation of all external and internal interfaces, including but not limited to;
 - 1. BSM's
 - 2. FIDS
 - 3. Time synchronization
 - 4. EDS equipment interface
- B. In the event that the Contractor identifies a problem with a specific interface the Contractor shall take the appropriate action, including but not limited to;
 - 1. The Contractor is responsible for contacting the necessary support personnel/third parties and initiating corrective actions.
 - 2. The Contractor is responsible for coordinating with the Carrier/Airlines/Stakeholders affected by the failed interface and initiating actions to minimize impact to BHS operations.
 - 3. The Contractor shall report any incidents, which effect Carrier/airline

operations as soon as the Contractor has established that the problem cannot be immediately resolved.

4. Followed up in writing to the City no later than 12:00 PM on the next business day.

10.8.3. OPERATIONAL COORDINATION

- A. The Contractor is responsible for the coordination between the BHS operations, Stakeholders and other third parties involved including but not limited to the following.
 1. Airport Operations
 2. TSA
 3. TSA EDS equipment contractor
 4. Airlines/Carriers, (subject to frequent changes)
 5. Service baggage handlers/Skycaps
 6. Airport Maintenance.
- B. The Contractor is responsible for contacting Airport Maintenance Control Center regarding any abnormal environmental issues (high temperatures, water leaks, etc.) in the BHS control and/or BHS Server rooms.
- C. The responsible party shall be immediately contacted of an abnormal environmental condition becoming known to the Contractor. The Contractor shall follow up with the responsible party, who was assigned the task to perform the repair every fifteen (15) minutes until the event has been attended to. Once satisfied that the issue is being addressed the Contractor shall follow up with the responsible party every thirty (30) minutes until resolved.

10.8.4. RECORD KEEPING

- A. The Contractor shall keep good records of all operational events detailing the following;
 1. Operational Event Recording
 2. Description of the event
 3. Time event identified and resolved
 4. Time and status for follow-up checks
 5. Personnel involved
 6. Fallback Operations
- B. The Contractor shall provide a detailed report of the situation to the City no later than 12:00 PM of the next business day.

10.9. BAG CLEARING

- A. The Contractor shall furnish bag jam clearing services in a timely, safe and

efficient manner throughout the BHS at all times while the BHS is in active operation.

- B. Response times to bag jams shall not exceed three (3) minutes from the time of jam notification until the technician/mechanic's arrives at the jam location and the approved bag jam clearing procedure is commenced. Resolution of the bag jam is to be completed in a safe and expeditious manner. Contractor's technicians/mechanics will acknowledge notification to the Control Room Operator using a two-way radio (or other approved) communication network.
- C. Perform an inspection within three (3) minutes of being alerted to a problem with an EDS screening machine to ensure that baggage is not stranded.
 - 1. Manually remove stranded bags upstream of the EDS screening machine and route accordingly to ensure each removed bag is properly screened.
 - 2. Baggage clearing is not required for internal TSA security screening equipment jams that might occur; however, the Contractor shall immediately notify the TSA or other responsible party in the event an EDS screening machine jam/stranded bag is observed and/or suspected. Should the event not be responded to within 15 minutes, the Contractor shall alert the TSA and/or other responsible party every 15 minutes until baggage has been cleared from the EDS screening machine.
 - 3. Verify bags downstream of the EDS screening machine are routed accordingly.

TS-11. BAGGAGE SYSTEM MAINTENANCE

11.1. GENERAL RESPONSIBILITIES

- A. The Contractor shall maintain all portions of the BHS from the point where baggage is loaded into the BHS by the Airline/Carrier to the final point where the bags are unloaded by the Airline/Carrier, inclusive of all BHS equipment between including load/unload areas and TSA inspection areas. All maintenance activities shall comply with the latest Operation and Maintenance Manuals at a minimum.
- B. The Contractor shall ensure that maintenance personnel are stationed in areas within the BHS where personnel can adequately perform preventive maintenance as well as any corrective maintenance activities required to respond to operational problems in order to maintain the defined KPI's. The Contractor is responsible for the following;
- C. The Contractor is responsible for keeping on site all OSHA required equipment required to safely operate and provide the workforce with the appropriate PPE necessary to maintain the BHS, including but not limited to the following required safety equipment.
 - 1. Eye protection
 - 2. Harnesses
 - 3. Fall arrest/tie-offs

4. Hard hats./Bump caps
 5. Safety shoes
 6. Ear plugs or ear protection
 7. Safety cones
 8. Eye wash stations
 9. Respirators
 10. Hand cleaner
 11. Hand protection
 12. Protective clothing
 13. First aid kit
- D. The Contractor is responsible for all mechanical and electrical areas identified as a part of the BHS (refer to 4.2 above).
 - E. The Contractor is responsible for development of a scheduled Preventive Maintenance Plan.
 - F. The Contractor is responsible for all maintenance tasks scheduled and non-scheduled.
 - G. The Contractor shall develop, document and maintain Standard Maintenance Procedures including but not limited to the following items listed below;

11.2. STANDARD MAINTENANCE PROCEDURES (SMP)

11.2.1. GENERAL

- A. Replacement of Motor/reducer
- B. Replacement of ATR components
- C. Belt replacement
- D. HSD inspection/repair
- E. Replacement of electrical components
- F. Repair and/or replacement of tracking sensors such as shaft encoders, photocells and other related components.
- G. Lubrication schedules and procedures
- H. Equipment adjustment procedures
- I. Equipment testing upon completion of repair and/or adjustments
- J. The Contractor shall review the Maintenance Manuals available from the original BHS Supplier and shall in coordination with the City and Stakeholders, recommend updates and revisions to the manuals and procedures to improve on safety, efficiency, quality assurance, equipment lifetime, cost of operation or other potential benefit to the City. Any recommended change shall be approved

by the City prior to implementation.

- K. The Contractor is responsible for maintaining legible copies of electrical schematics in MCPs at all times.
- L. The Contractor shall provide and maintain all necessary radios, tools, vehicles, lifts, scaffolding, ladders, golf carts, battery charging stations, chargers, etc. required to effectively maintain and operate the BHS. A list of the City owned equipment shall be provided to the Contractor at commencement of this Contract. The Contractor shall provide a list of additional tools required at the time of bid to be provided by the Contractor and reviewed/agreed with the City.

11.2.2. CLEANING ACTIVITIES

- A. General cleaning of all BHS equipment including the areas immediately around and under BHS equipment shall be performed by the Contractor.
- B. Areas with ceilings above occupied areas (offices) that constitute a potential fire hazard shall be inspected and cleared of all debris during preventive maintenance tasks.
- C. Thorough cleaning of all barcode scanner array heads on a daily basis.
- D. The Contractor shall correctly dispose of used materials that are deemed hazardous in accordance with the City rules and requirements.
- E. The Contractor shall keep the office and maintenance space in a clean, and orderly manner at all times. Office furniture and equipment will at all times be presentable and in safe working order. Broken, defaced or unnecessary items should be promptly removed and, if appropriate, replaced at no cost to the City.
- F. The Contractor shall keep the Spare Parts inventory storage areas clean and orderly.
- G. The Contractor shall not allow rubbish or trash to accumulate in its employees' work areas.
- H. The Contractor shall perform thorough cleaning of all BHS equipment visible to the public including claim devices, ticketing conveyors/ Curbside conveyors, draft curtains, etc.
 - 1. Cleaning activities shall be performed no less than once every month.
 - 2. Cleaning activities shall be performed so as not to impact airline operations.
 - 3. Cleaning activities shall include removing debris, stickers, etc. which accumulates on the BHS equipment, in addition to general cleaning.
- I. The Contractor will not be reimbursed for any cleaning costs identified above.

11.2.3. LIGHTING

- A. Lighting fixtures within the BHS areas shall be maintained by the City. At any time during the life of the Contract a light fixture is determined to be broken,

the Contractor is responsible to identify the location of the broken fixture and coordinate with the City for the repairs to be scheduled so as not to interfere with BHS operations.

- B. The replacement of light bulbs in the BHS areas is the responsibility of the Contractor. The City will furnish to the Contractor upon request, the necessary bulbs and the Contractor shall replace them and deliver the used bulbs to the City for proper disposal.

11.2.4. IMPACT PROTECTION MAINTENANCE ACTIVITIES

- A. The Contractor shall repair and maintain all BHS impact protection.
- B. The Contractor shall perform periodic inspection not only to ensure impact protection performs the required task, but also to verify loosening of retainers. Any loose retainers shall be adjusted appropriately; retainers, which cannot be adjusted, shall be replaced.
- C. Notification and written reporting to the City shall be provided no later than 12:00 PM of the next business day after it becomes known to the Contractor, if damage to the impact protection is beyond repair.
- D. The Contractor shall keep detailed records of damage, which is attributed to carelessness by other parties working and/or operating in the vicinity of the damage, to allow the City to provide evidence to the responsible party for recovery of costs including;
 - 1. Photographs (obtain company logo's)
 - 2. Witness reports (if possible)
 - 3. A detailed description of the damage including time and location
 - 4. A detailed breakdown of the work done to repair the damage including materials and manpower, fully priced at agreed rates.

11.3. MAINTENANCE INSPECTIONS ACTIVITIES

- A. The Contractor shall perform regular inspections to determine the status of all components within the BHS and to ensure that such equipment is compatible with the safe and efficient operation of the BHS.
- B. Daily walkthroughs shall be performed throughout the BHS to identify proper operation and adjustment on the entire system. The intention of this requirement is that the City requires the Contractor to inspect, observe and monitor every operating component in the BHS for potential failure and/or adjustment on a daily basis.
- C. Records shall be kept properly detailing that scheduled inspections were performed, the labor performing the inspections, and man-hours required to perform the inspection by the Contractor.
- D. The Contractor shall put in place an audit system to be performed by Supervisors to periodically verify that daily inspections and preventive

maintenance tasks are being performed properly. Such audits shall be fully documented and attached to the required monthly performance reports.

- E. Inspections shall be performed as required by the approved maintenance plan.
- F. The Contractor shall promptly inspect any equipment deemed to have failed and shall immediately repair or replace any equipment, assembly or component in order to return the equipment to service.
- G. Equipment/components with long inspection intervals, deemed to be in imminent threat of failure before the next inspection, but with a reasonable useful life shall have the inspection interval temporarily adjusted so that the best cost benefit is provided without actual failure during operation.
- H. The Contractor shall be mindful of the overall costs of components. Components should be removed and/or rebuilt/refurbished whenever practical and only replaced with a new spare part at the end of its useful life prior to actual failure.
- I. The Contractor shall keep an adequate supply of consumables on site to perform all maintenance activities.
- J. The City shall have the right to have others repair or replace any components or assemblies that the City deemed to be inadequately or improperly maintained at the sole discretion of the City, all such costs to be the responsibility of the Contractor.
- K. The Contractor shall properly coordinate all maintenance and equipment being taken out of service due to scheduled or unscheduled maintenance with all Stakeholders to ensure that maximum possible service can be provided to the Carriers/Airlines at all times.
- L. Any equipment taken out of service for scheduled maintenance inspections shall not;
 - 1. Force bags to recirculate
 - 2. Cause peak baggage flows to occur once equipment is returned to service
 - 3. Route baggage to a higher screening level (CBRA)

11.4. PREVENTION OF BAG DAMAGE ACTIVITIES

- A. The Contractor shall immediately undertake corrective actions and repairs to any part of the baggage system that causes damage to baggage in an effort to prevent any further damage to baggage, including but not limited to;
 - 1. Temporary removal of equipment from service until remedial actions can be completed.
 - 2. Routing baggage around the equipment/area causing damage.
 - 3. Performing periodic inspections of the equipment to ensure baggage is not being damaged.
 - 4. Assigning the Contractor's personnel to be stationed in the immediate

area so as to manipulate baggage and ensure baggage does not become damaged in the event that the equipment/area cannot be taken out of service due to Carrier/Airline schedules, equipment availability, other routes being unavailable and/or baggage load.

11.5. MAINTENANCE COORDINATION

- A. The Contractor shall, as required provide support to other parties, who maintain parts of the BHS on behalf of stakeholders including but not limited to;
 - a. EDS equipment
 - b. Computer systems
 - c. BSM's
 - d. FIDS
 - e. CCTV
 - f. HVAC, maintenance
 - g. Lighting, change/replacement
 - h. Sprinkler, maintenance, testing
 - i. Electrical services

11.6. MAINTENANCE TOOLS AND EQUIPMENT

- A. The Contractor is responsible for providing tools and vehicles necessary to complete maintenance tasks not provided by the City. The Contractor shall maintain all such tools and vehicles provided as part of the maintenance program including but not limited to;
 - a. Radios and battery chargers
 - b. Scissor lifts
 - c. Hand tools
 - d. Power tools
 - e. Golf carts and battery charging stations
 - f. Trucks
 - g. Forklifts
 - h. Shop equipment
 - i. Office equipment
 - j. Spare parts store equipment
 - k. O&M computer servers/workstations
 - l. Test instruments
- B. The Contractor is required to keep all the City furnished and owned tools in good and safe operating condition, properly maintained and in good working order.
 - 1. Any of the City provided tools, which need to be replaced shall be replaced with the same manufacturer of equivalent quality and usability at the Contractors expense unless the tool has reached end of life.
 - 2. Replacement of tools by an alternative manufacturer shall only be done if the alternative tool is of equivalent quality and usability and only when approved by the City at the Contractor's expense.

- C. The Contractor shall report to the City of any tool that has reached the end of its useful life and/or the cost of maintenance for a tool has become unreasonable or can no longer be maintained. A written summary report shall be provided to the City identifying the following.
 - 1. The tool and an assessment of the tools condition
 - 2. Current age of the tool
 - 3. The reasons why the tool needs to be replaced
 - 4. Previous costs associated with maintenance of the tool
 - 5. Replacement tool being proposed

11.7. PREVENTIVE MAINTENANCE (PM)

11.7.1. GENERAL

- A. The Contractor shall perform preventive maintenance based on an agreed upon schedule in accordance with the OEM operation and maintenance manuals as a minimum, and the requirements of the City.
- B. The DEN approved preventive maintenance plan shall be a detailed plan for performing PM tasks.
- C. The Contractor shall submit to the Contract Administrator for review and approval the preventive maintenance plan within thirty (30) days of operations commencing and shall resubmit whenever the Contractor materially alters either the plan or schedule.
- D. The Contractor shall adjust the preventive maintenance plan (schedule and procedures) based on equipment usage, site conditions and/or under direction from the City, to ensure that equipment is properly maintained and not exposed to unexpected failure.
- E. The Contractor shall keep detailed records of all manpower and spare parts required to perform preventive maintenance tasks.
- F. The Contractor shall report to the City on any equipment that has reached its useful life and/or the cost of maintenance for a piece of equipment or an individual component has become unreasonably expensive to maintain or can no longer be maintained. A written summary report shall be provided to the City on a bi-annual basis.
- G. All equipment whether in use or not in use shall have an inspection performed as a minimum once each calendar month.

11.7.2. ADJUSTMENTS TO MAINTENANCE SCHEDULE

- A. Should the Contractor decide the OEM inspection timeframes are no longer appropriate based on equipment usage and age, the Contractor shall seek approval from the City to adjust the inspection schedule as necessary to ensure that equipment is adequately inspected. Examples of changes to PM Activities

based on usage include but are not limited to the following;

1. Environmental filters in MCP's, cabinets, control stations due to contamination
 2. High Speed Diverters/Power turns based on usage
- B. The Contractor shall submit to the City any requested changes to the maintenance plan for approval by the City.
- C. Modifications to the agreed schedule shall be properly documented including improvement in availability and reported in writing to the City within seventy-two (72) hours of the changes. A follow-up report shall be issued in writing to the City confirming the expected improvement in performance shall be submitted with thirty (30) days of changes being implemented.
- D. The Contractor shall properly document all changes made to the maintenance plan.
- E. In the event that an inspection is performed later than expected, the next required inspection shall be performed as if the inspection had been completed as scheduled.

11.7.3. TIMELY COMPLETION OF PM INSPECTIONS

- A. The Contractor shall ensure that all PM inspections are completed as follows.
1. Daily inspections, due the day assigned.
 2. Weekly inspections, within one (1) day of the inspection becoming due.
 3. Monthly inspections, within three (3) days of the inspection becoming due.
 4. Quarterly inspections, within one (1) week of the inspection becoming due.
 5. Bi-annual inspections, within one (1) week of the inspection becoming due.
 6. Annual inspections, one (1) week of the inspection becoming due.

11.7.4. INDICATORS FOR POTENTIAL EQUIPMENT FAILURES

- A. The Contractor shall inspect all parts of the BHS and promptly initiate preventive action to correct any known defects including but not limited to;
1. Abnormal, intermittent and/or excessive noise
 2. Abnormal, intermittent and/or excessive vibration including vibration effecting other equipment
 3. Tracking issues of conveyor belting, at no time shall belting mis-track into conveyor side walls
 4. Proper alignment of conveyor components
 5. Leakage of lubricants, such leakage shall be promptly cleaned up and

disposed of in accordance with the City, Local, State and/or Federal regulations. Contractor shall promptly notify the City of any spills listed in this Section A. 5.

11.8. SCHEDULED CORRECTIVE MAINTENANCE

- A. The Contractor shall schedule repairs to minimize impact on Airline/Carrier operations and correct any equipment or operational deficiencies discovered as a result of periodic inspections performed by the Contractor's personnel or the City's.
- B. The Contractor shall minimize impact to any effected stakeholders by completing Scheduled Corrective Maintenance as follows;
 - 1. When operations is complete.
 - 2. Equipment being repaired/ impacted by repair is no longer required by the stakeholder.
 - 3. Stakeholder agrees to relocate to redundant equipment and repair does not affect redundant equipment.
- C. Any item scheduled for corrective maintenance shall be completed within 72 hours of the event becoming known/ reported to the Contractor.

11.9. UNSCHEDULED CORRECTIVE MAINTENANCE

11.9.1. GENERAL REQUIREMENTS

- A. The Contractor shall notify the City immediately during any failure.
- B. Unscheduled Maintenance shall be regarded as Emergency Maintenance following a failure or malfunction/ improper function of equipment in use by any stakeholder irrespective of the impact on the stakeholder.
- C. The Contractor shall immediately assign resources to address any unscheduled failure effecting operations without impact to other operations.
- D. Any unscheduled failure not effecting operations shall be resolved within four (4) hours.
- E. The Contractor shall coordinate all unexpected repairs with Stakeholders including Airlines/Carriers, TSA, TSA equipment maintenance contractor(s), City maintenance, City operations and third parties as necessary to ensure that any impact to others is properly communicated and minimized.
- F. As necessary additional manpower shall be provided to complete corrective action and/or move baggage around the failure in order to minimize impact to operations.

11.9.2. CONTENTS OF REPORT FOR UNSCHEDULED EMERGENCY MAINTENANCE

- A. The Contractor shall report all unscheduled emergency maintenance performed on equipment by the end of the business day and/or on demand as requested by the City. The report shall contain a detailed description detailing the

following;

1. Impact to Stakeholders
2. All manpower used to address the failure
3. Components replaced
4. Type and cause of failure
5. Maintenance history
6. Verification that daily inspections were completed on the day of the unscheduled emergency maintenance

11.10. VEHICLES

11.10.1. GENERAL

- A. All vehicles operated within the terminal, access tunnels and/or Concourses shall be CNG or battery powered in accordance with City rules and regulations.
- B. All Contractor vehicles and transportation equipment shall conform to all applicable rules, regulations, ordinances, city, state and federal laws, shall be maintained regularly, shall at all times be in a safe condition, and shall present a good appearance acceptable to the City.
- C. The Contractor shall provide all gas, maintenance, insurance, licenses, bonds, etc. for the vehicles.
- D. All vehicles shall contain a company logo affixed on the sides of each vehicle. All vehicles shall be dedicated to this Contract and shall be operable.
- E. The Contractor shall detail a complete list of vehicles to the City in their proposal which are being provided by the Contractor to operate and maintain the BHS in an efficient and timely manner, including but not limited to;
 - a. Golf carts
 - b. Truck(s)
 - c. Passenger vehicle(s)
 - d. Lifts

11.10.2. PASSENGER VEHICLES

- A. The Contractor shall ensure that all vehicles used in the operation and maintenance of the BHS shall be maintained in accordance with City requirements as if the vehicle is operated on a Public road.

11.10.3. FORK LIFTS AND SCISSOR LIFTS

- A. The Contractor shall ensure that all fork-lifts and scissor lifts used in the operation and maintenance of the BHS are maintained and kept in a safe operating condition.

11.11. DOCUMENTATION

- A. The Contractor shall promptly bring to the City's attention any errors/ deficiencies in City supplied documentation including but not limited to the following;
 - 1. Electrical drawings including MCP prints
 - 2. Mechanical layouts
 - 3. Operations and Maintenance literature
- B. The Contractor shall ensure that ALL MCP's have a complete and up-to-date copy of electrical drawings/ prints.
- C. Any errors/ omissions identified in City supplied documentation shall be red-lined by the Contractor prior to being submitted for review. Red-lined documents shall be kept in the field until such time as the City has issued new updated documents or instructed the Contractor to revert back to the last approved version of the document.
- D. The Contractor shall keep an accurate archive of all City supplied documentation in a secured space.
- E. Due to the sensitive/ secure nature of the BHS, the Contractor shall not remove any City supplied documentation from the site, either hardcopy or in electronic form without the written approval of the City (document specific).
- F. The Contractor shall follow all TSA SSI rules and regulations.
- G. Upon termination of the contract;
 - 1. The Contractor shall ensure that all City supplied documentation is transferred back to the City.
 - 2. The Contractor shall not retain any copies of City supplied documentation without the written approval of the City.

11.12. RECYCLING

- A. All BHS components/ equipment which becomes surplus/ scrap through the course of this contract shall be properly recycled through the City recycling dumpsters or as directed by the City representative.
- B. The Contractor shall ensure that all recycling is performed in an environmentally friendly manner in line with regulations.

TS-12. COMPUTERIZED MAINTENANCE MANAGEMENT SOFTWARE (CMMS)

- A. The City intends to utilize a Computerized Maintenance Management System (CMMS) to manage, plan, and document maintenance and related activities on the BHS. The Contractor shall utilize such CMMS to schedule and document all maintenance and repairs, initiate system work orders, manage system resources, track stock and ready stock parts utilization and inventory for all segments of the BHS and related systems. The Contractor agrees to populate

and/or update the CMMS throughout the term of the Contract, as determined appropriate by the City.

- B. Until the City furnishes a central CMMS;
 - 1. The Contractor shall be responsible for providing, setting up, configuring, managing and maintaining a CMMS, which shall be used throughout the duration of the Contract until the City provides its own central CMMS.
 - 2. The Contractor furnished CMMS shall be tested and operational thirty (30) days prior to operations commencing.
 - 3. Once the City provides a central CMMS, the Contractor shall transfer all data and records from the Contractor provided CMMS to the City's provided CMMS at no cost to the City, within thirty (30) days of the City's CMMS becoming available.

TS-13. SPARE PARTS

13.1. GENERAL

- A. The City shall issue to the Contractor, the City's purchased Spare Parts as detailed in Appendix B: DEN Spare Parts. The Contractor shall as a minimum maintain the City's issued Spare Parts to the same inventory levels provided by the City, ensuring components used to maintain the BHS are promptly replaced to ensure adequate Spare Parts are on hand at all times for replacement of parts.
- B. The Contractor shall be responsible for procurement and management of any Spare Parts and components not included in the City Spare Parts inventory at the outset of this Contract in order to properly maintain and operate the BHS. The cost of Spare Parts will be reimbursed by the City on a monthly basis based on received and delivered materials with no markup. All Spare Parts purchased and received shall be itemized to the City on the monthly invoice and accompanied by original receipts.
- C. In the event that Spare Parts are exhausted in time of need that prevents the operation of the BHS or parts of the BHS, the Contractor shall be liable for any additional costs incurred as the result of expedited shipping and other costs to the City. Proper record keeping shall be maintained and the City shall be immediately notified of any such circumstances.
- D. Expedited shipping as a result of abnormal replacement of spare parts shall require written approval by the City.
- E. The Contractor shall ensure that Spare Parts are stored in designated spare parts storage areas, are stored in an efficient and logical manner so that Spare Parts can be easily obtained minimizing time required to identify location and obtain replacement components.
- F. All Spare Parts, materials, equipment and consumables shall be kept in locked, secured areas of the BHS under the control of the Parts Technician. The Contractor shall develop and implement methods to prevent waste, theft,

breakage or misuse of Spare Parts, materials, equipment and consumables.

- G. The Contractor shall maintain an inventory system, which shall include listings, sources, prices, and required quantities, reorder points for all Spare Parts, materials, equipment and consumables. The inventory system shall provide means to track orders and shipments prior to receipt. The inventory system should form part of the CMMS as required in § TS-12 above.
- H. The Contractor shall perform bi-annual audits and reconcile all Spare Parts. Inventory shall be reconciled for stock levels against the inventory system. A written audit report shall be provided to the City following audits for review containing the following.
 - 1. When the audit was performed
 - 2. Ending stock quantity
 - 3. Actual stock quantity on hand
 - 4. Adjustment quantity
 - 5. Adjustment value
- I. The City reserves the right to perform its own audits of the inventory stock levels in conjunction with the Contractors participation at any time and frequency throughout the terms of the Contract.
- J. The Contractor is responsible for identifying stock level requirements and adjustments to the stock levels to ensure the spares inventory is adequate for BHS operations and maintenance. The Contractor shall notify in writing to the City a breakdown of the requested changes along with an explanation based on factual trends of parts usage and lead time for replenishment to support the request.
- K. All inventory, purchase, usage, and stock locations shall be recorded in the inventory system no later than by 12:00 PM AM of the morning following the date of the activity to ensure proper records and audits can be easily accessed for accuracy.
- L. The Contractor shall work in cooperation with the City to ensure the purchase of spares/parts provides the most cost effective methods are being utilized in the purchase of BHS parts and equipment.
- M. At the termination of this Contract the Contractor shall return to the City all Spare Parts, City owned tools, equipment and components.

13.2. CITY SUPPLIED SPARE PARTS

- A. The City may choose to supply replacement Spare Parts to the Contractor, who shall promptly place such parts into the BHS Spare Parts inventory. Any replacement Spare Parts provided by the City shall not be subjected to any markup under this Contract.
- B. Should the City decide to supply some or all Spare Parts for the use under this Contract, then the Contractor shall submit a list of the parts that are needed to the City for review. The list should be prepared to ensure delivery times are in keeping with the needs of the BHS maintenance.

- C. Should the City elect to purchase some or all of the parts on the list, these items shall be deleted from the approved monthly purchase list and the remaining items shall be purchased by the Contractor.
- D. The Contractor is not responsible for delivery in a timely manner or availability of Spare Parts ordered by the city but shall receive, handle and record such items.

13.3. EQUIPMENT UNDER WARRANTY

- A. Spare Parts for equipment under Original Equipment Manufacturer's warranty shall be provided to the Contractor by the appropriate manufacturer. If the manufacturer does not promptly supply the required Spare Parts under Warranty, the Contractor shall provide such Spare Parts as though the Warranty has expired.
- B. The Contractor is required to track the warranty status of all BHS equipment throughout the term of the contract.
 - 1. The Contractor shall work with the supplier to ensure that failed components/ assemblies are promptly replenished.
 - 2. The Contractor shall ensure that failed components/ assemblies are properly identified and reported to the supplier to ensure that any failed equipment is properly replaced during the warranty period.
 - 3. The Contractor shall properly track all time and materials used in the repair of equipment under warranty and make such records available to the City upon request.
 - 4. Any component that fails during the warranty period shall be brought to the attention of the City to ensure that proper warranty provisions that apply under the supply/ installation contract can be properly tracked/ actioned by the City.

TS-14. CONSUMABLES

- A. The Contractor shall furnish all such materials and supplies that are normally consumed in the conduct of a comprehensive maintenance program for the covered systems and equipment as described herein.
- B. The Contractor shall keep an adequate supply of consumables on site to perform all maintenance of not less than one month's usage including, but not limited to;
 - 1. Miscellaneous and consumable items
 - 2. Rags
 - 3. Oil and lubricants
 - 4. Cleaning chemicals and supplies
 - 5. Air filters, oil diapers
 - 6. Electrical clips and labels
 - 7. Batteries not used for BHS components
 - 8. Lockout/Tag-out supplies
 - 9. Tapes

10. Adhesives
11. Nuts, bolts, fasteners and connectors
12. Safety and environmental compliance materials

TS-15. RECORD KEEPING

- A. The Contractor is responsible for accurate record keeping and statistics in both electronic and hard copy format as applicable and approved by the City.
- B. All records, electronic or hardcopy shall be maintained on-site at the Airport at all times.
- C. The Contractor shall put in place mechanisms to ensure that backups and/or duplicate records are stored in a secured area such that a localized event (fire, etc) cannot destroy all records, as directed and provided by the City.
- D. Archived records shall be provided to the City at the end of this contract or as requested.
- E. All records pertaining to the Operation and Maintenance of the BHS at the Airport shall remain the exclusive property of the City including, but not limited to the following;
 - a. System performance
 - b. Equipment in use
 - c. Cost associated with operation and/or maintenance at the Airport
 - d. Manpower
 - e. Carrier information
 - f. BHS Usage
 - g. Security status
 - h. Maintenance records
 - i. Training of Airlines
- F. The Contractor shall allow the City unrestricted access to all records pertaining to BHS Operations and Maintenance. The Contractor shall setup and maintain a minimum of three (3) username/passwords to allow the City access to any electronic information contained within the CMMS.

TS-16. REPORTING

16.1. GENERAL

- A. The Contractor shall maintain a good record keeping methodology so that information of the BHS operation, performance and reliability can be readily and easily identified and reported.
- B. The Contractor shall utilize consistent naming and tagging conventions for all reports. The use of serialized numbers shall be included on each report, the same serialized number shall be included on every page of the report.
- C. The Contractor shall provide reports of BHS operation as well as BHS Maintenance as required by the City and such reports shall be provided as requested.

- D. Reports shall be provided to the City in electronic format.
 - 1. The Contractor shall provide spreadsheets in native Microsoft Excel format (.xls, .xlsx), or other City approved format, unlocked with working formulas/ macros to allow proper auditing.
 - 2. Hard copies shall be provided by the Contractor upon request by the City.
- E. As a minimum, the Contractor shall provide to the City all of the reports listed in this specification. All reports shall be dated appropriately to identify when the report was issued to the City.
- F. The Contractor shall keep a log of all unscheduled E-stop events longer than five (5) minutes as part of record keeping. Each event shall be properly reconciled.
- G. Samples of the required reports have been produced and attached as Appendix F: Report Samples, to this specification. The Contractor may choose to provide standard and/or customized reports that do not conform to the layout of these samples, provided that all of the content defined in this specification and identified in the samples is provided.

16.2. DAILY REPORTS

16.2.1. GENERAL

- A. Daily reports shall be issued no later than 12:00 PM of the following business day.

16.2.2. DAILY PASS-DOWN

- A. Provide a daily pass-down report to the City detailing the following items as a minimum:
 - 1. Required maintenance that is incomplete (itemized).
 - 2. Maintenance quantity scheduled vs quantity completed for each category (PM, CM and EM)
 - 3. All unscheduled maintenance (Emergency Maintenance)
 - 4. List of all equipment non-operational
 - 5. Late/failed to load bags
 - 6. Damaged bags

16.3. WEEKLY REPORTS

16.3.1. GENERAL

- A. Weekly reports shall be issued no later than 12:00 PM on the day prior to the scheduled weekly meeting or 12:00 PM of the next business day should the scheduled day be a non-working day.

16.3.2. O&M PERFORMANCE REPORT

- A. Provide a weekly report to the City detailing the following items as a minimum;
 - 1. A complete list of all corrective maintenance (EM/CM) performed in the past week.
 - 2. A complete list of all outstanding maintenance (PM, CM and EM).
 - 3. A complete list of all spare parts not in stock. Identify estimated delivery schedule by item.
 - 4. A complete list (each employee) of all training scheduled and performed.

16.4. MONTHLY REPORTS

16.4.1. GENERAL

- A. Monthly reports shall be issued no later than 12:00 PM on or before the fifth day of the Month or 12:00 PM of the next business day should the fifth day of the month be a non-working day.

16.4.2. REPLACEMENT SPARE PARTS PURCHASING

- A. Provide a detailed breakdown to the City by the following categories;
 - a. Consumables
 - b. High Speed Diverter components
 - c. Transnorm Conveyors
 - d. Portec Conveyors
 - e. Conveyor belting
 - f. Merge conveyor components
 - g. Motors
 - h. Gearboxes
 - i. Rollers
 - j. Bearings
 - k. Clutch/brake components
 - l. Colby claim/makeup components
 - m. Flat plates components (ski claims)
 - n. Siemens flat plate components
 - o. Stearns/FKI claim/make-up components
 - p. VFD controllers
 - q. ATR's/BMA's components
 - r. Security and/or fire doors
 - s. Controls components
 - t. Network, Server and PC components

16.4.3. EQUIPMENT REBUILT OR REFURBISHED.

- A. Provide a detailed report to the City of all equipment rebuilt or refurbished.

Indicate the following minimum information;

1. Who performed the work (Contractor, Sub-Contractor)
2. Date when the work was completed/returned to stock
3. Location from where the component was removed
4. Description of the component/assembly
5. Date when the item was removed from service

16.4.4. SPARE PARTS BUDGET PERFORMANCE SUMMARY

- A. Provide a detailed budget summary to the City identifying areas, which performed under-/over budget detailing as a minimum the following;
 1. Actual budget
 2. Actual expenditure
 3. Difference between budget and expenditure as a percentage
- B. Provide information by the following Categories;
 - a. Consumables
 - b. High Speed Diverters (HSD)
 - c. Transnorm power turns
 - d. Portec power turns
 - e. Queue conveyors
 - f. Transport conveyors
 - g. Belting
 - h. Merges
 - i. Motors
 - j. Gearboxes
 - k. Rollers
 - l. Bearings
 - m. Clutch/brakes
 - n. Colby carousels (claim/make-up)
 - o. Ski claim carousel
 - p. Flat plate carousels (Siemens)
 - q. Stearns carousels (claim/make-up)
 - r. VFD controllers
 - s. ATR/BMA
 - t. Security doors
 - u. Controls Components
 - v. PLC
 - w. Network
 - x. Server/PC

16.4.5. MANPOWER USAGE SUMMARY REPORT

- A. Provide a summary to the City identifying man-power usage by discipline for

each area broken down by the following list as a minimum ;

- a. Scheduled/Corrective Maintenance/CM
- b. Preventive Maintenance/PM
- c. Unscheduled/Emergency Maintenance/EM
- d. Daily Walkthrough
- e. Cleaning
- f. Training
- g. Operations
- h. Other

16.4.6. STAFF ALLOCATION REPORT

- A. Provide a report to the City containing the following information;
 1. Staffing count by discipline per shift
 2. Total hours worked by discipline per shift
 3. Actual outstanding contract hours this period
 4. This report may be requested on-demand

16.4.7. SYSTEMS PERFORMANCE REPORT

- A. Provide System Performance information to the City detailing the following;
 1. Tracking Accuracy by Module
 2. ATR performance by Module
 3. System data defined below;
 - a. System downtime effecting operations by Module
 - b. System downtime not effecting operations by Module Screening equipment down time by Module
 - c. Total baggage processing by Module
 - d. CBRA totals bags by Module
 - e. CBRA error bags by Module
 - f. Total bags to make-up by Module
 - g. Peak hour by Module
- B. Provide Equipment reliability information to the City by the following categories by Module and System (total) as a minimum;
 - a. High Speed Diverters (HSD's)
 - b. Transnorm power turns
 - c. Portec power turns
 - d. Queue conveyors
 - e. Transport conveyors
 - f. Merges
 - g. Motors
 - h. Gearboxes
 - i. Colby carousels (claim/make-up)
 - j. Ski claim carousel
 - k. Flat plate carousels (Siemens)

- l. Stearns carousels (claim/make-up)
 - m. ATR/BMA
 - n. Security doors
 - o. VFD's
- C. Refer to § 9.3 above for calculation details.

16.4.8. SPARE PARTS EXCEPTION SUMMARY REPORT

- A. Provide a spare parts inventory exception summary report to the City including but not limited to the following list;
 - 1. All spares on order and outstanding
 - 2. All spares ordered during the period of the report and not supplied during their expected lead time
 - 3. All spares of a critical nature, which are not available on-site
 - 4. Borrowed spares
 - 5. Borrowed spares outstanding
 - 6. Spare parts with zero quantity on site
 - 7. Spare parts with expedited delivery during the past month, identify the reason

16.4.9. TRAINING COMPLETED/OUTSTANDING REPORT

- A. Provide a detailed list to the City of training activities completed and outstanding for the month indicating the following as a minimum.
 - 1. Name of the person trained.
 - 2. Type of training performed.
 - 3. Quantity (hours) of training performed by type.
 - 4. Date training was completed, was scheduled or has been rescheduled.
 - 5. Grade provided for training.
- B. Provide a list of all outstanding training, overdue or rescheduled.

16.4.10. MTTR REPORT

- A. Provide to the City a report detailing MTTR per equipment type
- B. Refer to § 9.6.B above.

16.4.11. INSPECTION AUDIT

- A. Provide to the City a report identifying Daily inspection audits.
- B. Refer to § 11.3.D above.

16.5. QUARTERLY REPORTS

16.5.1. GENERAL

- A. Quarterly reports shall be issued no later than 12:00 PM on the fifth day of January, April, July and October or 12:00 PM of the next business day should the fifth day of the month be a non-working day.

16.5.2. UPDATED SPARE PARTS BUDGET PROJECTIONS REPORT

- A. Provide an updated budget projection for Spare Parts to the City for the following 12 months. Detail the following information;
 - 1. Update Annual projection in USD.
 - 2. Monthly projection in USD for each of the following Categories;
 - a. High Speed Diverters (HSD's).
 - b. Transnorm power turns
 - c. Portec power turns
 - d. Queue conveyors
 - e. Transport conveyors
 - f. Merges
 - g. Motors
 - h. Gearboxes
 - i. Colby carousels (claim/make-up)
 - j. Ski claim carousel

 - k. Flat plate carousels (Siemens)
 - l. Stearns carousels (claim/make-up)
 - m. ATR/BMA
 - n. Security doors
 - o. VFD's
 - p. Other (not covered above).

16.6. BI-ANNUALLY REPORTS

16.6.1. GENERAL

- A. Bi-Annual reports shall be issued no later than 12:00 PM on the tenth day of January and July or 12:00 PM of the next business day should the tenth day of the month be a non-working day.

16.6.2. SPARE PARTS INVENTORY AUDIT AND RECONCILIATION REPORT

- A. Provide result of bi-annual audit to the City.
- B. Refer to § 13.1.H above.

16.6.3. EQUIPMENT REPAIR STATUS/COST REPORT

- A. Provide a report to the City detailing the repair status and costs associated with the following categories for the past six (6) months;
 - a. Standard conveyors.
 - b. Power-turn conveyors (detailed by supplier).
 - c. Queue conveyors.
 - d. Merge conveyors.
 - e. Motors/Reducers.
 - f. High Speed Diverters.
 - g. ATR's/BMA.
 - h. Make-ups/Claims (detailed by supplier).
 - i. Lifts.
 - j. Security doors
 - k. VFD's
 - l. Monitors.
 - m. Servers.
 - n. Workstations.
 - o. Network components
 - p. Electrical components (specify).

16.6.4. END OF USEFUL LIFE.

- A. Refer to § 11.6.C above and § 11.7.1.F above.

16.7. ANNUAL REPORTS

16.7.1. GENERAL

- A. Annual reports shall be issued no later than 12:00 PM on the fifteenth day of January or 12:00 PM of the next business day should the fifteenth day of the month be a non-working day.

16.7.2. NEXT FISCAL YEAR BUDGET PROJECTIONS REPORT

- A. Provide a report to the City no later than February 15 detailing the budget projection for the next fiscal year. The report shall contain the following information as a minimum.
 - 1. Total budget projection
 - 2. Increase in budget year on year
 - 3. Increase in budget year versus known costs for the year
 - 4. Previous year costs
 - 5. Escalation (increase in cost of goods, aging equipment, stock depletion, etc.)
 - 6. Operations and Maintenance fee

7. Other fees not identified above
8. Spare parts broken down by the following categories;
 - a. Base cost
 - b. Non recurring costs (ATR replacement, MU rebuilds, etc)
 - c. Other (not covered above).

16.7.3. SYSTEM PERFORMANCE REPORT

- A. Provide System Performance information to the City detailing the following;
 - a. Tracking accuracy by Module
 - b. ATR performance by Module
 - c. System downtime effecting operations by Module
 - d. System downtime not effecting operations by Module
 - e. Screening equipment down time by Module
 - f. Total baggage processing by Module
 - g. CBRA totals bags by Module
 - h. CBRA error bags by Module
 - i. Peak hour by Module
- B. Provide Equipment reliability information to the City by the following categories as a minimum;
 - a. High Speed Diverters (HSD)
 - b. Transnorm power turns
 - c. Portec power turns
 - d. Queue conveyors
 - e. Transport conveyors
 - f. Merges
 - g. Motors
 - h. Gearboxes
 - i. Colby carousels (claim/make-up)
 - j. Ski claim carousel
 - k. Flat plate carousels (Siemens)
 - l. Stearns carousels (claim/make-up)
 - m. ATR/BMA
 - n. Security doors
 - o. VFD's
 - p. Network
 - q. Server
 - r. PLC

16.7.4. EQUIPMENT REPAIR STATUS/COST REPORT

- A. Provide a report to the City detailing the repair status and costs associated with the following categories for the past 12 months;
 - a. Standard conveyors.
 - b. Power-turn conveyors (detailed by supplier).
 - c. Queue conveyors.

- d. Merge conveyors.
- e. Motors/Reducers.
- f. High Speed Diverters.
- g. ATR's/BMA.
- h. Make-ups/Claims (detailed by supplier).
- i. Lifts.
- j. Security doors
- k. Workstations.
- l. Monitors.
- m. Servers.
- n. Network components
- o. VFD's
- p. Electrical components (specify).

16.7.5. SAFETY AUDIT REPORT

- A. Provide the results of the safety audit to the City.

16.7.6. STAFFING SCHEDULE

- A. Provide a current and or updated staffing schedule to the City.
- B. Refer to § 6.1.l above.

16.8. REPORTS AS REQUIRED

16.8.1. ACCIDENT REPORTS

- A. An accident shall include all near-miss accidents or injury to personnel employed by or sub-contracted to the Contractor or property damage irrespective of the Owner, of which the Contractor has knowledge arising out of or in connection with the services hereunder.
- B. The Contractor shall provide in writing to the City within twenty-four (24) hours an interim report of any accident if a complete report is not available. Should a complete report not be available, the Contractor shall report all the information available as an interim report.
- C. The Contractor shall provide in writing to the City within seventy-two (72) hours or sooner a complete report of any accident. If all information is not available within seventy-two hours to provide a complete report, the Contractor shall provide an update every twenty-four (24) hours until a complete report can be issued.
- D. The Contractor shall promptly conduct a full investigation and provide details and statements of witnesses as part of the Accident Report. The Contractor shall make available its personnel to speak with investigators of the accident or incident and, if necessary, to testify in legal proceedings.
- E. Written documents shall include events leading up to the incident, the persons

involved, the injuries sustained and any other pertinent information. Witness statements shall also be included.

- F. The Contractor shall immediately render assistance and take all practical steps to protect and seek assistance for any and all persons injured in an accident.
- G. In the event of a death or serious injury arising from an accident to personnel employed by or sub-contracted to the Contractor, the Contractor **shall immediately notify the City** by any means available including telephone, SMS or in person. A serious injury shall include any of the following;
 - 1. An injury where an employee requires hospitalization
 - 2. Loss of bodily fluids in a life threatening manner.
 - 3. Loss of any part of the body, regardless of how minor
 - 4. Disassembly of equipment in order to extract an employee regardless of the injury

16.8.2. EVENT REPORTS

- A. The Contractor shall provide event reports as required or as requested by the City. Event reports as a result of equipment failure or operational problems shall comprehensively document each event.
- B. Contents of Event Reports
 - 1. Description of the event
 - 2. Timestamps for activities leading up to the event and subsequent activities
 - 3. Actions taken by personnel
 - 4. Personnel contacted
 - 5. Remedial activities outstanding
 - 6. Impact to operations and/or Airlines/Carriers
- C. Provide with each event report as a result of equipment failure, previous maintenance information showing history and scheduled/unscheduled work shall be provided.
- D. Attach pictures taken of the event, before, during and after (if appropriate).
- E. Refer to § 10.8.1.K above, TS-10.8.2.B.3 above, TS-10.8.4.A.1 above.

16.8.3. O&M PLAN CHANGE REPORT

- A. The Contractor shall provide O&M change reports as required or as requested by the City. Such reports shall comprehensively document the changes implemented by the Contractor in respect to the O&M procedures and plans.
- B. Refer to § 11.7.2.B above.
- C. Contents of O&M Schedule Change Reports
 - 1. Existing O&M procedure
 - 2. Modification to the procedure
 - 3. Expected improvement in performance

4. Actual improvement in performance

16.8.4. STATUTORY REPORTS

- A. The Contractor shall prepare and provide statutory reports as required by Local, City, State or Federal law, ordinances or regulations to be submitted.

16.8.5. PLANNED ABSENCE OF KEY PERSONNEL

- A. Refer to § 6.7.1.D above, § 6.7.2.D above and § 6.8.1.D above.

16.8.6. FAILURE TO FOLLOW SWPP

- A. Refer to § 7.3.C above

16.8.7. UNSCREENED BAGGAGE REPORT

- A. Refer to § 10.7.B.3 above.

16.8.8. INTERIM INSPECTION REPORT

- A. Refer to § 21.3.D below.

16.8.9. FAILURE EFFECTING OPERATIONS

- A. Refer to § 9.2.C above.

16.8.10. IMPACT PROTECTION DAMAGE REPORT

- A. Refer to § 11.2.4.C above.

16.8.11. STRANDED BAG SOLUTION

- A. Refer to § 10.5.B above.

16.8.12. ADJUSTMENT TO MAINTENANCE SCHEDULE

- A. Refer to § 11.7.2.C above.

16.8.13. UNSCHEDULED CORRECTIVE ACTION

- A. Refer to § 11.9.2.A above.

16.8.14. EMERGENCY BHS MODIFICATION

- A. Refer to § 21.2.A below.

16.8.15. REQUEST FOR BHS MODIFICATION

- A. Refer to § 21.3 below.

16.8.16. INTERIM INSPECTION REPORT

- A. Refer to § 21.3.D below.

16.8.17. STAFFING SCHEDULE

- A. Provide a current and or updated staffing schedule to the City as changes occur.
- B. Refer to § 6.1.I above.

TS-17. TRAINING

17.1.1. GENERAL

- A. The Contractor shall submit a detailed training plan to the City for approval thirty (30) prior to commencement of operations. The Contractor shall resubmit the training plan whenever the plan is materially altered.
- B. This plan shall demonstrate a continuous job related training program covering specific BHS related tasks for each discipline performed by the employee during the normal course of each weeks work. Training shall be a continuous process performed each week.
- C. The Contractor shall provide each employee assigned to perform work under this Contract with training in the duties assigned to perform the work competently.
 - 1. The Contractor shall establish a formal, written training program for each job classification and provide to the Contract Administrator a copy of its training manual, which shall be kept current with all amendments to the manual.
 - 2. Each employee shall be provided with a minimum of two (2) hours per week work related training specific to the tasks expected of the employee. As a minimum one (1) hour per week shall be hands-on training.
- D. The Contractor shall provide supervisory and management level training for all supervisors and managers performing work under this Contract. This training should include customer service and BHS specific training.
- E. The Contractor shall maintain a training record for each employee. The training record shall show, at a minimum, the employee's name, date of employment, and the type and date of each training class attended. Such records shall be provided monthly to the Contract Administrator and upon request.
- F. The Contractor is responsible for training of all personnel working on the site, replacement training, including their own personnel and/or sub-suppliers, and provide all instructors, training aids and equipment/materials required to ensure that such personnel and sub-suppliers are fully proficient in the proper operation and maintenance of the BHS in compliance with all safety aspects.

The Contract Administrator or designee may, from time to time, monitor the conduct of training classes.

- G. Provide sufficient class-room and on-the-job training. Hands-on training using the BHS equipment and/or spare equipment shall be permitted provided it does not interfere with daily Airline/Carrier operations.
- H. The Contractor shall develop a procedure to identify competence and understanding of the training and each staff member shall obtain a passing grade prior to allowing any staff to operate and/or maintain the BHS.
- I. Where possible staff shall be fully cross-trained.
- J. Training shall be tailored to the audience being trained (e.g. Entry Support Mechanics shall not be trained based on duties expected of more senior persons).
- K. Refresher training for Control room Operators shall be performed every six months to ensure that they are fully conversant with BHS operations, handling unexpected events and implementation of fallback methods.
- L. Whenever a new method or procedure has been adopted and becomes part of the official SOP, the Contractor shall ensure that all persons requiring refresher training are fully trained within three (3) scheduled work days of the new SOP being put in place.
- M. Whenever a new Safe Work Practice and Procedure has been officially adopted, all persons shall be trained in the new SWPP before being allowed to operate and/or maintain any equipment related to the new SWPP within three (3) scheduled work days of the new SWPP being put in place.

17.1.2. MINIMUM REQUIRED TRAINING

- A. Safe Work Practices and Procedures (SWPP).
- B. Approved Standard Operating Procedures (SOP).
- C. Methods to inspect equipment and report possible/actual problems.
- D. OSHA required training.
- E. Compliance with all legally required or prudent safety practices.
- F. Operations training in the correct procedures in handling normal/ abnormal/ unusual events including but not limited to the following;
 - 1. Contingency plan
 - 2. Rapid response
 - 3. Equipment cleaning
 - 4. Baggage caught in equipment
 - 5. Stranded/ delayed baggage
 - 6. Security events

- G. Maintenance training in the correct procedures including but not limited to the following;
 - 1. Equipment inspections
 - 2. Preventive, Corrective and Emergency Maintenance
 - 3. Evaluate and diagnose potential/ actual fault/failure
 - 4. Proper tuning/ adjustment of equipment
- H. Baggage Hygiene Training and Control.
 - 1. The Contractor shall prepare, manage, and implement, in addition to and in support of the City's user video training course, a comprehensive program to train, monitor and correct (to include recurrent on-site training) all users of the BHS as necessary to ensure proper baggage hygiene, in coordination with the City and Stakeholders.
 - 2. The Contractor's program shall result in highly-trained system users to include airline employees, skycaps, ground handling service providers, baggage service companies, and any other personnel who might introduce or otherwise handle airline baggage onto or about the BHS. The Contractor shall notify the City of any consistent or extraordinary non-compliance with this universal program.
- I. Safety training.
 - 1. The Contractor shall provide all appropriate safety training. Such training shall include periodic updates and retraining to maintain first-class safety conditions and practices for all employees, including proper instruction in use of safety data sheets and other legally required or prudent safety practices.

17.1.3. MINIMUM TRAINING RECORDS

- A. Detailed records of all training shall be maintained by the Contractor including, but not limited to, the following and shall be submitted to City.
 - 1. Training being performed
 - 2. Each person being trained
 - 3. When training was completed
 - 4. Type for training (new, refresher, updated procedure, compliance, etc.)
 - 5. Obtained grade

17.1.4. MINIMUM REFRESHER TRAINING

- A. The Contractor shall provide refresher training as necessary to ensure that all persons working in, around and/or on the BHS are fully conversant with the most current requirements.

TS-18. COMMUNICATION

18.1. GENERAL

- A. Communication between the Parties relative to any issues involving staffing, billing, or any other questions about the Contract (including but not limited to Contract interpretation) shall be made in writing and considered delivered and the service thereof completed, when said communiqué is sent, by certified or registered mail, or email to an authorized representative. Mailed notices shall be deemed effective upon deposit with the U.S. Postal Service.
- B. The parties may from time to time designate substitute addresses or persons where and to whom such correspondence are to be mailed or delivered, but such substitutions shall not be effective until actual receipt of written notification.
- C. The Contractor shall keep an up to date list of primary and secondary communication methods for all Stakeholders.
- D. All correspondence shall be serialized in accordance with instructions from the City.

18.2. COMMUNICATION WITH THE CITY

- A. The Contractor shall formally communicate with the City on contractual or commercial issues by electronic means only. Hardcopies of all communication shall be provided upon request by the City.

B. .

Figure 6, Official Point of Contact

Item	Description
Attention	Lee Katchen
Department	Airport Operations
Company	Denver International Airport
Building	Airport Office Building (AOB)
Address	8500 Peña Boulevard Denver, CO 80249 USA

- C. The City may at its discretion update the above personnel and/or methods of communication at any time.

18.3. COMMUNICATION WITH CONTRACTOR

- A. The Contractor shall provide the Supervisor with a mobile phone capable of receiving and making telephone calls.
- B. The phone shall be capable of sending and receiving emails and SMS in addition

to telephone operation in order to receive system alerts. The Contractor shall promptly inform the City of any changes in the Supervisor phone number in order to update the delivery of system alerts.

- C. The phone shall be provided to the Supervisor and shall be carried by the Supervisor at all times so as to be readily contactable and fully informed of alerts via email or SMS.
- D. Notices from the City to the Contractor shall be to the Contractor's office. Contractor will supply address for notices.

TS-19. FACILITIES

19.1. CONTRACTOR'S RESPONSIBILITIES

19.1.1. GENERAL

- A. The Contractor shall furnish all equipment, furniture, materials and consumables necessary and incidental to the performance of its BHS Operation & Maintenance services, except the equipment and vehicles required to be furnished by the City under this Contract.
- B. The Contractor is responsible for maintaining all equipment furnished by the City as part of this Contract including, but not limited to.
 - 1. City Owned Equipment
 - 2. Computer workstations
 - 3. Computer Servers
 - 4. Software
 - 5. Tools/appliances
 - 6. Vehicles
 - 7. CMMS (if provided by the City)
- C. The Contractor shall be responsible for all upkeep and general house-keeping of all areas provided by the City for use by the Contractor.
- D. All and any modifications made to the City provided facilities to the Contractor shall be approved in writing prior to any work commencing. Any approved work shall be completed in accordance with the City's rules and regulations and shall be at the expense of the Contractor.

19.1.2. EQUIPMENT PROVIDED BY CONTRACTOR

- A. Specifically, and without limiting the foregoing, the Contractor will provide and maintain the following:
 - 1. A minimum of one (1) pickup truck, as well as sufficient electric carts that will be kept at the Airport to ensure the Contractor's efficient operation at the Airport.
 - 2. Office furniture and equipment, including telephone and internet service, for its offices at the Airport, which shall be of good quality and appearance and which shall be kept in good repair and replaced as necessary.

- B. The Contractor shall setup all facilities required to perform the work defined by the Contract.
- C. The Contractor shall allow the city unrestricted access to the facilities provided by the City as necessary for the City to perform inspections, maintenance and/or other needs requiring access.

19.1.3. REASONS TO VACATE PREMISES

- A. The Contractor shall immediately comply with all requests by the City to vacate the facilities, which are provided by the City, including, but not limited to the following reasons;
 - 1. Safety
 - 2. Fire
 - 3. Security
 - 4. Threats to life and/or property

19.2. THE CITY'S RESPONSIBILITIES

19.2.1. FACILITIES MADE AVAILABLE FOR THE CONTRACTOR

- A. The City shall make the following available for the Contractor in order to perform the scope of work defined herein(Subject to Change);
- B. The City shall provide office space, workshop space and spare parts storage areas for the Contractor and access to toilet facilities for employees.
- C. The City shall make parking space available to the Contractor's employees in the Airport's Employee Parking Lot at rates established by the City.

19.3. PARKING

- A. The Contractor shall pay the Airport's parking fees for all parking spaces required by their staff and sub-contractors at the going rate throughout the term of the Contract. Parking shall be furnished at no cost to the employee.
- B. The City will provide the Contractor with six (6) parking spaces at the cost of the Contractor.
- C. Additional parking spaces may be provided in employee parking lots upon request with the Airport's parking division at the cost of the Contractor. Buses between the off-site parking lots and the Terminal operate to a published schedule (subject to change) and are provided by the City at no additional cost to the Contractor.
- D. All Contractor employees shall park in an area designated by the City. At no time shall it be permissible for employees to park their personal vehicles within the Public Parking facilities during work hours, unless they pay the full rate for their parking.

19.4. SIDA BADGE

- A. The Contractor shall ensure that all employees working under this contract comply with the airports badging requirements at the cost of the Contractor.
- B. Federal Inspection Services may have additional requirements that the Contractor shall comply with at the cost of the Contractor.

19.5. CONTRACTOR ACTIVITIES UPON NOTICE OF TERMINATION

- A. Discontinue performance under the Contract on the date specified in the Notice of Termination.
- B. Place no further orders for materials, services, or facilities except as may be necessary for completion of services to the date of termination.
- C. To the extent, manner and time, as directed by the City, in its sole discretion, assign to the City all of the rights, title, and interest of the Contractor under any outstanding orders for spare parts, equipment, expendables, and consumables and existing sub-contract agreements for parts, equipment, supplies and work performed exclusively at the Airport.
- D. Deliver to the City, to the extent, manner, and time as directed by the City, in its sole discretion, the completed, or partially completed documents, information, and other property, which would have been required to be furnished to the City had the Contract not been terminated.
- E. Deliver to the City, to the extent, manner, and time as directed by the City, in its sole discretion, all software, defined as computer programs and routines contained on magnetic tape, disc, semi-conductor device or other memory device or system memory including all documentation used to describe, maintain and use such programs and routines.
- F. Take such actions as may be necessary, or as the City may direct, for the protection and preservation of any property related to the Contract, which is the possession of the Contractor and in which the City has or may acquire an interest.
- G. Return the facilities to the same or better condition as received at commencement of the Contract. All repairs and schedule maintenance activities due prior to the date specified in the Notice of Termination shall have been completed.
- H. Provide the City with updated and current versions of all documentation used to execute this Contract. This shall as a minimum include, but not limited to;
 - 1. Operational Manuals
 - 2. Maintenance Procedures
 - 3. As-Built Documentation
 - 4. Standard Operating Procedures
 - 5. Management Plans
- I. Return all spare parts provided by the City or purchased by the City under this agreement to the City in workable condition.

- J. Return all equipment provided by the City or purchased by the City under this agreement to the City in workable condition.
- K. Provide the City with a current and detailed list of all CMMS data in an agreed upon electronic format. Provide a hardcopy upon request.
- L. Remove all trash, debris in the Contractor occupied facilities.
- M. Remove all equipment in the Contractor occupied facilities not owned by the City.
- N. A certificate from the Contractor that all claims for labor arising from this Contract have been settled and that all expenses and invoices for materials, services and equipment have been paid by the Contractor.
- O. The Contractor shall provide the City with a complete release of all liens, which might arise from this Contract, for which the Contractor has been reimbursed by the City.
- P. Vacate the facilities in a timely and orderly fashion.
- Q. Make reasonable efforts for current employees to be available for interviews as potential new hires for the incoming contractor.

19.6. PROTECTION OF PROPERTY

- A. In the event of damage to any City facilities as a result of the Contractor's operations, the Contractor shall take immediate steps to notify the Contract Administrator and subsequently repair or restore all services to the satisfactory approval of the City. Furthermore, the Contractor shall engage any additional outside services which may be necessary to prosecute repairs until services are restored. The Contractor shall coordinate all repairs with the City. All costs involved in making repairs and restoring disrupted service shall be borne by the Contractor, and the Contractor shall be fully responsible for any and all claims resulting from the damage. The City, at its option, may elect to perform such repairs and deduct the cost of such repairs, replacements, and outside service from the amounts due to the Contractor under a monthly invoice.
- B. The Contractor will repair or be liable for the cost to repair any damaged City facilities or property when such damage is caused by the Contractor, its employees, agents or sub-contractors, to the extent that the cost of such repair is not covered by insurance provided by the City. Any insurance deductible will be the responsibility of the Contractor.

TS-20. INSPECTIONS

20.1. SITE INSPECTIONS

20.1.1. GENERAL

- A. Inspectors, either employees of the City or their representatives, may be assigned to inspect or observe the work. These inspectors will perform tests and observe the Contractor's work to determine whether or not work performed

satisfies the requirements of this Contract. The Contractor shall, therefore, provide these inspectors access to the BHS as needed to perform the inspections, as well as whatever access is needed to off-site facilities used to store materials and components to be incorporated into the BHS.

- B. At any time the City can inspect the BHS operation and/or maintenance being performed by the Contractor.
- C. At any time the City can request the Contractor's presence during inspections of the BHS at no additional cost to the City. The Contractor shall not unreasonably delay attendance at such inspections.
- D. Any deficiencies identified by the City shall be addressed by the Contractor as a priority item with existing manpower and materials, provided it does not impact on system operations and scheduled preventive maintenance. In the event that identified work cannot be completed with the time frames below, the Contractor shall at their own cost provide the necessary resources to have the work completed.
- E. For the purpose of these inspections equipment subject to unreasonable wear and tear shall include;
 - 1. Unreasonable Equipment Conditions
 - 2. Excessive heat
 - 3. Excessive wear
 - 4. Distortion
 - 5. Leakage
 - 6. Unusual and or unexplained noise
 - 7. Unusual vibration

20.1.2. INSPECTION CLASSIFICATION

- A. Deficiencies will be classified by the City as follows;
 - 1. Priority 1
 - a. Work to be started immediately and be completed as soon as possible without affecting operations. Equipment in a condition where there is the potential for imminent failure and or damage to the equipment.
 - 2. Priority 2
 - a. Work to be completed within twenty-four (24) hours. Equipment in a condition where imminent failure is not anticipated, but is subject to unreasonable wear and tear.
 - 3. Priority 3
 - a. Work to be completed within (72) hours. Equipment not subject to imminent failure or unreasonable wear and tear but requires adjustment.

20.1.3. TOURS/DEMONSTRATIONS

- A. The Contractor shall accommodate tours of the BHS by the Airline/Carriers representatives as necessary to ensure the Carrier/Airlines are fully familiar with BHS operations in order to ensure proper induction, orientation and tagging of baggage.
- B. The Contractor shall accommodate tours of the BHS by others as requested by the City.
- C. The Contractor shall accommodate demonstrations of operating and maintenance procedures as requested by the City.

TS-21. MODIFICATIONS

21.1. GENERAL

- A. Changes to any part of the BHS shall only be made by the Contractor after written approval from the City with the exception of any changes required on an emergency basis in order to ensure safe and/or continued operation.
- B. Wherever possible modifications to the BHS shall be made using existing manpower and/or materials at no cost to the City.
- C. Any modifications made to the BHS by the Contractor shall comply with all the City, Local, State and Federal regulations and requirements applicable, at the time modifications are made.
- D. All authorizations and permits required to complete the work shall be the responsibility of the Contractor.
- E. The Contractor shall update all As-built documentation to reflect changes made by the Contractor.
- F. All subcontract work shall be subject to no more than three (3) percent markup. All proposals shall be made available for review by the City.

21.2. CONTENTS OF EMERGENCY BHS CHANGE REPORT

- A. Any modifications made by the Contractor on an emergency basis shall be brought to the attention of the City no later than 12:00 PM on the next business day detailing the following;
 - 1. Work completed by the Contractor
 - 2. Reason work needed to be completed
 - 3. Reasonable additional costs associated with the work that the Contractor would not have normally covered by the work detailed in this technical specification.

21.3. REQUEST FOR BHS MODIFICATIONS

- A. Should the Contractor identify methods to improve efficiency either in time to

operate, maintain and/or repair, performance and/or improvements in reliability of the BHS through modifications to any part of the BHS without degrading system performance the Contractor shall submit their recommendations in a proposal to the City for evaluation and approval. Each proposal for modifications to the BHS shall include as a minimum.

1. Description of the problem or issue that the modification will address and improve.
 2. Detailed description of the work to be done.
 3. Expected improvement as a result of the modification.
 4. Time schedule to complete the work on an individual basis and for all like equipment requiring modifications.
 5. Costs to the City associated with the modifications, if none, denote 'No cost'. Break out the following as a minimum;
 - a. Labor
 - b. Materials
 - c. Overhead costs
 - d. Fees (itemize permits, freight etc)
 - e. Taxes
 6. Required time for implementing the modifications
 7. Post modification inspection schedule including inspection frequency and time frame to monitor modifications to verify effects from the agreed modification.
 8. The Contractor shall prepare a monitoring plan that includes roll-back procedures to the original condition in the event of unexpected results.
 9. Planned testing and commissioning procedures.
- B. Should the City request that the Contractor perform modifications to any part of the BHS in addition to work required by this specification, the Contractor shall promptly put together a detailed proposal for evaluation by the City, including as a minimum;
1. Detailed description of the work to be done.
 2. Time schedule to complete the work. If the work is required to be phased due to interference with airport operations, indicate so.
 3. Costs to the City associated with the modifications, if none, denote 'No cost'. Break out the following as a minimum;
 - a. Labor
 - b. Materials
 - c. Overhead costs
 - d. Fees (itemize permits, freight etc)
 - e. Taxes
 4. Post modification inspection schedule including inspection frequency and time frame to monitor modifications to verify compliance with the City's

required modifications.

5. The Contractor shall prepare a monitoring plan that includes roll-back procedures to the original condition in the event of unexpected results.
 6. Planned testing and commissioning procedures.
- C. Any modifications approved by the City and performed by the Contractor shall be monitored for a mutually agreed period between the City and the Contractor after the completion of the modification.
- D. During the monitoring period the Contractor shall submit interim inspection reports on a weekly basis until the completion of the monitoring period detailing the following items. In the event that no abnormal and/or unexpected results are identified after one month of inspections (assuming the inspection period exceeds one month), interim inspection reports can be issued every two (2) weeks. The interim inspection reports shall cover the following as a minimum.
1. Date/time inspections were completed
 2. Inspections being completed
 3. Abnormal and/or unacceptably unexpected results
 4. Improvements identified
 5. Bags processed during inspection period
 6. Faults observed during inspection period
 7. Correction of any punch list items identified through inspections or operational issues with the modified BHS
- E. At the completion of the agreed monitoring period, the Contractor shall submit a final report fully detailing the modification/inspections completed and report the effect the modifications has had on the operation. All interim inspection reports shall be attached.
- F. The City reserves the right to request site inspections with the Contractor to identify/observe the modifications and/or improvements as a result of the modifications at no cost to the City.
- G. In the event that the modifications have an unacceptably and/or adverse effect on operations/maintenance, the Contractor shall immediately proceed to remove the modification.

APPENDIX A FACILITIES MAP

CONTRACTOR FACILITIES

Refer to the City drawing A1.0, rev 0

BHS LAYOUT

Refer to the City's drawing OVERVIEW, rev 2.0

APPENDIX B: DEN SPARE PARTS

Refer to attachment 'DEN Spare Parts'.

APPENDIX C: BHS EQUIPMENT INVENTORY

Refer to attachment DEN BHS Equipment Inventory.

APPENDIX D: BHS EQUIPMENT ASSET LIST

Refer to attachment DEN BHS Equipment Asset List.

APPENDIX E: EXECUTIVE ORDER NO. 94 (DRUG & ALCOHOL POLICY)

APPENDIX F: REPORT SAMPLES

Refer to attachment BHS O&M sample reports.

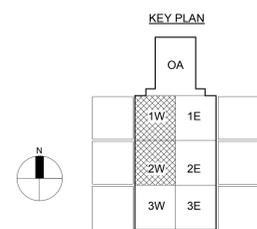
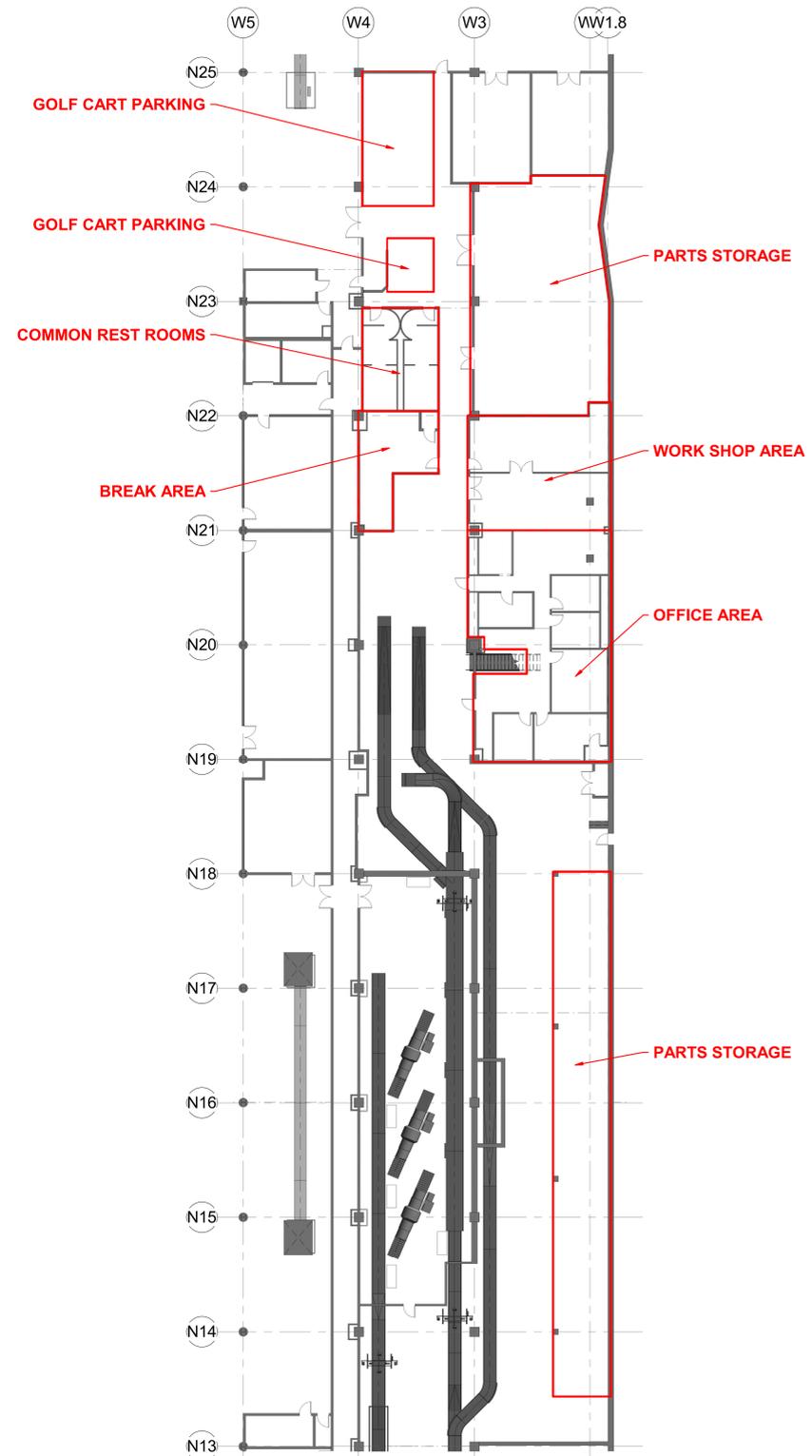
END OF TECHNICAL SPECIFICATION



TERMINAL LEVEL 3 O&M
CONTRACTOR AREAS

APPROXIMATE SQUARE FOOTAGE OF AREAS-

- OFFICE AREA - 2100 SQ FT
- WORK SHOP AREA - 1100 SQ FT
- BREAK AREA - 400 SQ FT
- PARTS STORAGE - 4100 SQ FT
- GOLF CART PARKING - 800 SQ FT



ISSUE RECORD				
NO.	BY	PURPOSE	DATE	CKD

SCALE: 1/16" = 1'-0"

DATE: NOVEMBER 2017

DRAWN BY: BK

CHECKED BY: CA

FAA AIP NO:

WORK BREAKDOWN NO.

DESIGN CONTRACT NO.

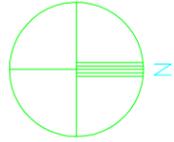
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VOLUME NO.

SHEET TITLE
TERMINAL LEVEL 3
O&M CONTRACTOR
AREAS

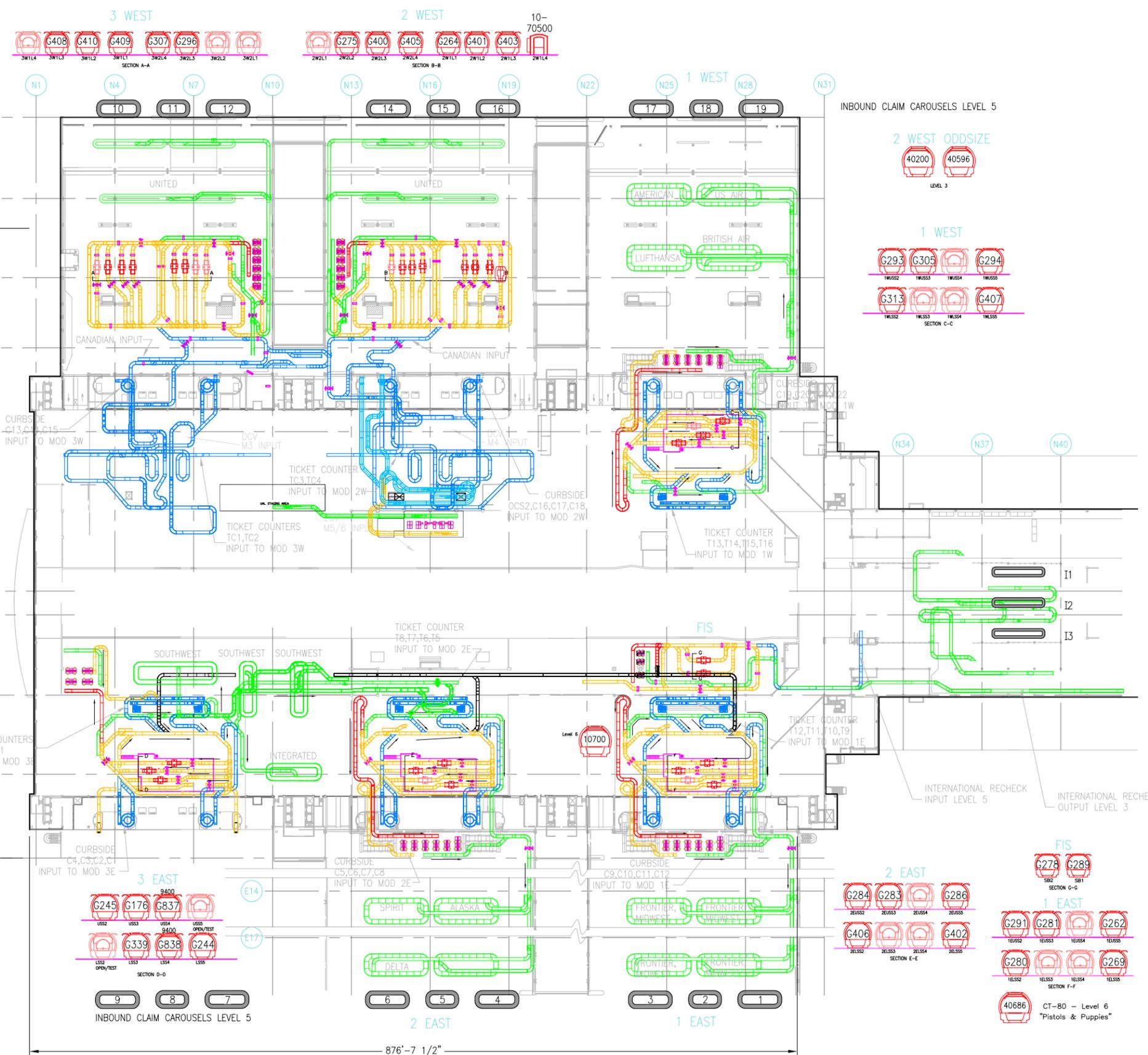
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A1.0

CADD FILE NO.
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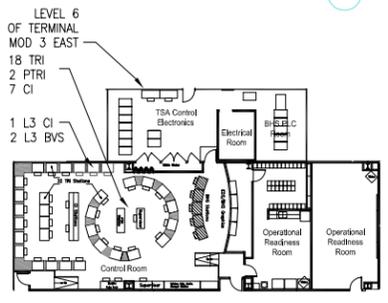


DENVER INBOUND CLAIM CAROUSELS

FRONTIER AIRLINES	- 1, 2, 3
DELTA AIRLINES	- 4
SPIRIT AIRLINES	- 5
ALASKA AIRLINES	- 6
AIR TRAN AIRWAYS	- 6
SOUTHWEST AIRLINES	- 6, 7, 8, 9
GREAT LAKES AVIATION	- 9
JETBLUE AIRWAYS	- 9
UNITED AIRLINES	- 10, 11, 12, 14, 15, 16
CONTINENTAL AIRLINES	- 16
AMERICAN AIRLINES	- 17
US AIRWAYS	- 19

717'-2 3/8"

876'-7 1/2"



CENTRAL MONITORING FACILITY (CMF)
Module 3 East
TSA Test Bed

LEGEND

█	INBOUND BAG
█	UNKNOWN BAG
█	ALARM BAG / POPULATED EDS POSITION
█	CLEARED BAG

2.6	ADDED 2E-3E CROSSOVER	15NOV16
2.5	UPDATED COUNT OF TSA EQUIPMENT	01AUG14
2.4	ADDED SPIRIT AIRLINES AND ICELANDIC AIR	07MAY12
2.3	ADDED XLB & INTERNATIONAL INBOUND	11JAN12
2.2	REMOVED BLUE ARROWS FOR 2&3 WEST	01JUN11
REV.	REVISION DESCRIPTION	DATE



SCALE: 1/8" = 1'-0"

DATE: 05/05/04

DR. BY: BTM

CHK. BY:

APP'D BY:

PROJ MGR: Mitch West

CHECKED BAGGAGE SCREENING SYSTEM
Denver International Airport
Denver Co

DENVER CHECKED BAGGAGE SCREENING SYSTEM

THIS DRAWING IS A GRAPHICAL REPRESENTATION AND NOT TO SCALE. COLUMN LINES IDENTIFIED FOR REFERENCE ONLY

SYSTEM DESIGN: 12,000 BAGS PER PEAK HOUR CAPACITY + INT. RECHECK

CTX 9000 SCAN MANUAL:	50 AVAILABLE POSITIONS
GOVERNMENT-FURNISHED CTX 9000:	32 ON-SITE
GOVERNMENT-FURNISHED CTX 9400:	2 ON-SITE
CT-80:	5 ON-SITE
PTRI POSITION:	84
ETD MACHINE:	41
ONSCREEN RESOLUTION:	12 TRI STATIONS

SYSTEM OWNER: DENVER INTERNATIONAL AIRPORT
SYSTEM DESIGN: LOGPLAN LLC DENVER, CO
BAGGAGE HANDLING SYSTEM/EDS SYSTEM INTEGRATION: SIEMENS DEMATIC

FILE NO.	SHEET
	1 OF 1
DRAWING NO.	REV
OVERVIEW	2.6

SKETCH-6101

Appendix B

DEN Spare Parts

Bin	Item #	Description	Current Count	Stock Value
	XX300	680.00007 DISCONNECT SWITCH (SIEMENS 3LD2103-0TK51) FOR 2EX3E	1	0.00
	XX850	AL257-0139 - RETURN ROLLER 2EX3E	1	0.00
	XX860	68.0020.001-38 NUT, 3/4-14 NPSM RIGHT HAND THREAD 2EX3E	3	0.00
	XX865	68.0020.001-38 - NUT, 3/4-14 NPSM LEFT HAND THREAD 2EX3E	4	0.00
	XX870	680.000102- FAN FILTER *1 PACK OF 6* 2EX3E	3	0.00
	XX875	620.000622 - MOTOR CONTROL CABLE, GREEN 5m (SIEMENS 6F5002-2DC10-1AF0)	1	0.00
	XX880	620.000621 - MOTOR CONTROL CABLE, ORANGE 5m (SIEMENS 6FX5002-5CS01-1AF0)	1	0.00
	XX890	680.000190 - MINIATURE RELAY SCREW CONNECTION 6.2mm , 24VDC 2EX3E	12	0.00
	XX895	620.00617 - SERVO SMART LINE MODULE, 5KW (SIEMENS 6SL3130-6AE15-0AB0)	1	0.00
	XX900	620.000616 - SERVO DUAL MOTOR MODULE, 18A (SIEMENS 6SL3120-2TE21-0AA3)	1	0.00
	XX905	680.00042 - POWER SUPPLY, 24V, 5A 2EX3E	1	0.00
	XX910	620.001973 - SERVO CONTROL UNIT, CU320-2 (SIEMENS 6SL3040-1MA00-0AA0)	1	0.00
	XX915	AL2961118 - AL2961118 MINIATURE RELAY INSERT SINGLE POLE N.O. 60V 2EX3E	3	0.00
	XX920	AL2980319 - RELAY BASE WITH FILTER 120VAC 2EX3E	3	0.00
	00011	SINAMICS S120 COMPACTFLASH CARD	2	0.00
	00111	Awl for sewing	3	0.00
	00112	Thread for AWL	2	0.00
	11360	26A10H18 - TIGEAR-2 REDUCER	2	0.00
	11370	400659 - BELT ASSY C5036 45 SF 115L FOR 45 DEGREE PORTEC	1	0.00
	11375	400370 - BELT ASSY C4838 45 SF 117L FOR 45 DEGREE PORTEC	2	0.00
	12239	501-208-0742-101 CRESCENT PLATE WEAR STRIP (UHMW FOR SKI CLAIM)	4	0.00
	12240	501-108-0539-001 - CHAIN WEAR STRIP (FOR SKI CLAIM)	4	0.00
	18121	507-67485-CCW STAINLESS STEEL PALLET WITH STANDOFFS	18	0.00
	19005	P/N-719324 UHMW 1/4 X 13/16 12FT FOR 90 DEG FLAT PORTEC	1	0.00
	19006	P/N-719330 UHMW SNGLE BEV 1/4 X 13/16 12FT 90 DEG FLAT PORTEC	2	0.00
	19007	P/N-719333 UHMW 719333 GDE GRV 1/4 X 13/16 - 12 FT 90 DEG FLAT PORTEC	2	0.00
	19457	6150E-6503 PHOTO EYE MOUNTING BRACKET	19	0.00
	19683	6SE64000BP000AA1 MICROMASTER 4 BASIC OPERATOR PANEL (BOP)	2	0.00
	19844	P743870/90/47/100 DRIVE PULLEY C170-39	1	0.00
	20256	18215041- MM22D-503-00 MOVIMOT	1	0.00
	20257	18215041- MM22D-503-00 MOVIMOT	1	0.00
	20358	L110 - 11883-02314 LOVEJOY	22	0.00
	20359	L110 - 4153395 - SPIDER INSERT COUPLER FOR MU	10	0.00
	20360	6020F 00502743 - 1-15/16 HUB FOR CHAIN COUPLING	2	0.00
	20361	6020F 99999999 - 2-1/4 HUB FOR CHAIN COUPLING	2	0.00

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	20910	P684470/90/39/100 - DRIVE PULLEY	1	926.00
	21268	6535-9U-001 IDA SERVICE KIT (13 PARTS TOTAL)	14	0.00
	40800	TURN BELT B4938N6946HC/12.25/100PG (NEW ITEM)	1	0.00
	40805	B4938N5890HC/33.125/100PG	2	0.00
	40828	505-P49387/46/12.25/1000 TAIL PULLEY (NEW ITEM)	1	0.00
	50020	SPRING FOR IDA (CHECK ITEM SHEET) 1921-0000 (2-35-3D) SPRING	35	0.00
	50021	0430-01-019-T DOWEL PIN 1/8DIA X3/8LG	35	0.00
	50022	HYDRAULIC OIL DTE 10	24	0.00
	50023	DTE OIL BB (LUBE)	1	0.00
	50511	68.0020.001-08 - MOTORIZED PULLEY, VERTICAL BELT DRIVE	1	0.00
	50513	68.0020.000-58 - TIE ROD (LH) THREAD	1	0.00
	50514	620.000623 - SERVO GEARMOTOR	1	0.00
	50515	68.0020.000-01 ASSEMBLY, PADDLE HSDII	1	0.00
	64012	20A10H14_TIGEAR-2 REDUCER	2	1204.72
	64013	35A15H18-TIGEAR-2 REDUCER	1	1373.11
	64014	26A15H18-TIGEAR-2 REDUCER	2	1735.82
	64015	26A15HA18-TIGEAR-2 REDUCER	2	1735.82
	64016	26A12H18-TIGEAR-2 REDUCER	3	2603.73
	64019	B67.5-50S96G45FC/140PG ODD SIZE BELT FOR UAL	1	0.00
	64048	B6838N5890H/17.5/100 - BELT TRANSNORM 90 DEG 17.5 HELIX	3	9165.00
	64063	402493 - C5036 90 DEG (PORTEC)	3	0.00
	70001	680113 - ERW OS C5036 30T FAB	4	0.00
	70002	900083 - SPRKT 50BTL30 23 2012 IK BUSH	4	0.00
	70003	010989 - BRG FL 2B 1-7/16 SFT23G WIR RGR BH PEER	4	0.00
	70004	601369 - SFT ER 23 X 51-1/4 FL KWY	4	0.00
	70005	600052 - RTN ROLL ASSY SR36	12	0.00
	70006	600375 - SFT ER 23 X 45-1/16 FL KWY	2	0.00
	70007	081010 - NYLON GDE W/GRV 1/4 X13/16	48	0.00
	70008	080018 - NYLON GDE 1/4 X13/16" NATURAL	48	0.00
	70009	080038 - HMW FLT 1/4 X 13/16 WHT	48	0.00
	70010	080037 - HMW GDE SNGL BEV 1/4 X 13/16	48	0.00
	80000	18251692 - MOVITRIC MCLTPB0022-5A3-4-10	1	0.00
	80010	08262691 - BRAKE RESISTOR BW100-005	1	0.00
	80020	0813152X - CASING COMPLETE BS005 F+R BW -005	1	0.00
	99999	CONSUMABLES	10063	0.00
1ELSS2-4	10013	J - EXPANSION	1	2179.10
20	64121	1133865 - 7/8" WASHER FLAT HARDENED	420	449.40

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5 E	13661	3VX265 - V-BELT 3VX265	1	4.07
5 E	13664	V-BELT 3VX335	17	95.37
5 E	13665	V-BELT 3VX355	20	112.20
5 E	13666	V-BELT 3VX375	14	93.80
5 E	13667	V-BELT 3VX400	8	54.40
5 E	13670	V-BELT 3VX450	18	133.02
5 E	13671	V-BELT 3VX475	4	33.24
5 E	13675	V-BELT 3VX560	6	46.80
5 E	13677	V-BELT 3VX600	8	63.60
5 E	13679	V-BELT 3VX630	6	88.32
5 E	13680	V-BELT 3VX670	12	102.60
5 E	13681	3VX900 - V-BELT 3VX900	3	29.22
5 E	16750	8MGT-1120-12 - BELT POLYCHAIN 8MMX12MMX1120	1	78.95
5E	10479	108 135 0002 - OVERHEAD DOOR DRIVE BELT (108-135-002)	14	487.06
5E	10480	108 135 0004 - OVERHEAD DOOR DRIVE BELT (108-135-004)	7	243.53
5E	10496	109226-001 - V-BELT FOR TO3 SECURITY DOORS	2	42.22
5E	10596	114-1372-002 - UHMW ODDSIZE WEAR STRIP	108	1080.00
5E	11081	POLY CHAIN FOR HSD	8	839.52
5E	11082	14MGT-1190-20 - POLY CHAIN GT2 BELT 14MGT-1190-20	5	460.00
5E	11083	14MGT-1260-20 - POLY CHAIN COGGED GT2 BELT	5	361.90
5E	13673	V-BELT 3VX500	9	81.63
5E	15872	PROFIBUS STANDARD CABLE	1000	560.00
5E	16639	507-67282 - CLAIM STEARNS FINGER GUARD MU	5	34.05
5E	16864	9012-2069 - V-BELT AX69	8	60.00
5E	17604	AX31 - V-BELT AX31	8	36.00
5E	17606	V-BELT AX33	14	72.38
5E	17608	V-BELT AX35	28	227.36
5E	17611	V-BELT AX38	22	110.00
5E	17613	V-BELT AX40	10	60.00
5E	17615	AX-42 - V-BELT AX42	14	80.92
5E	17619	AX46 - V-BELT AX46	10	51.00
5E	17621	AX48 - V-BELT AX48	16	93.28
5E	17624	AX51 - V-BELT AX51	4	24.08
5E	17628	AX55 - V-BELT AX55	1	7.50
5E	17633	AX60 - V-BELT AX60	22	153.78
5E	17636	AX64 - V-BELT AX64	10	71.70
5E	17641	AX75 - V-BELT AX75	16	231.84

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5E	17642	AX78 - V-BELT AX78	8	72.00
5E	17643	AX80 - V-BELT AX80	6	54.06
5E	17644	AX82 - V-BELT AX82	4	35.20
5E	17645	AX85 - V-BELT AX85	10	99.00
5E	17646	AX90 - V-BELT AX90	16	177.92
5E	17647	V-BELT AX96	10	117.90
5E	63834	14MGT-1568-37 - POLY CHAIN COGGED	1	299.16
5E	63862	AX34 - V-BELT AX34	18	225.00
5E	63923	14MGT-1400-37 - BELT CHAIN COGGED BELT	1	0.06
5E	63984	4117426 - V-BELT AX105	10	253.40
5E	64083	020066772482 - PAINT SPRAY CONVEYOR BLUE	8	30.08
5E	64084	020066754389 - PAINT SPRAY SAFETY YELLOW	8	42.16
5E	64230	040729 - DECKBOARD FULL SHEET	2	642.00
BR1A1-1	10179	PHR-200 - BELTING 49W ROUGHTOP	100	2220.00
BR1A1-1	19353	2 PLY 120# MULT/MULT - 34" SMOOTHTOP BAE MERGE BELT MATERIAL	199	5434.69
BR1A1-1	20448	906434-E8/2U0/V15 LG-FR - 37" WIDE BELT LG INCLINE-DECLINE (A578812)	153	1964.52
BR1A1-1	20450	E8/2U0/V5H MT-FR 37" - BELTING 37W SMOOTH TOP	30	380.10
BR1A1-1	20471	NSL-11ESBV 13 (HABASIT) - BELTING 38.5W QUEUE BELTING	14	163.52
BR1A1-1	21121	PHR3-200 TW BBXBB-FR - BELTING 37W HEAVY DUTY	7	122.57
BR1A1-1	64223	NNT-10ESBU 13 - 34W BELTING TRANSPORT	233	2297.38
BR2A1-1	13251	UPS SYS 120VAC 50/60HZ 750VA	82	576.46
BR2A1-1	13252	MON LCD COLOR 7 INCH	65	657.80
BR2A1-1	20472	TRACKMATE 120 FBS - BELTING 30W TICKET COUNTER (6645)	649	5568.42
BR2A1-1	22020	NNT - 10ESBU 37W BELTING	263	2361.74
BR4A1-1	19417	36" ROUGH TOP - BELTING 36W ROUGH TOP RT-2L	104	1337.44
BR4A1-1	19418	36" SMOOTHTOP LOAD B - BELTING 36W 2-PLY 220# BARE X BARE SMOOTH TOP	34	478.04
BR5A1-1	19555	6" V BAND ROUGH TOP - BELTING 6" V-GUIDE BELT ROUGH TOP- ODDSIZE LIFTS	214.5	1520.81
BRA1-1	15057	GUARD, OUTER BEARING HOUSING 020669	60	9000.00
FAB AREA	10298	1-3/16 SHAFT - SHAFT 1-3/16 SHAFT	19	798.00
FAB AREA	10300	1-3/4 SHAFT - SHAFT 1 3/4	10	822.00
FAB RM	10094	MANIFOLD TO PUMP HOSE HIDRASA	100	56.00
FAB RM	10201	APH120RT 36 Wide Belting	100	1267.00
FAB RM	10277	1-1/2" RGD - CONDUIT WASHERS WITH 1/2" HOLE	100	300.00
FAB RM	10283	CM YOKE ROLLER	10	186.00
FAB RM	10301	1-3/4" RGD - CONDUIT WASHERS WITH 3/4" HOLE	100	33.00
FAB RM	10305	1-7/16 SHAFT - SHAFT 1-7/16 SHAFT W/OUT KEYWAY	81	1436.94
FAB RM	10581	1133739 - EXTERNAL TOOTH BOLT RETAINER 3/8"	300	1872.00

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FAB RM	10582	1133741 - EXTERNAL TOOTH BOLT RETAINER 1/2"	300	3795.00
FAB RM	10594	1137337 - 1/4"-20 SERRATED FLANGE NUT	900	7245.00
FAB RM	11205	93827A259 - NUT 3/4"-10 X 1 1/8 HEX NUT	200	1070.00
FAB RM	11513	1FA72 - 10 MM X 1.50 NYLOCK NUT	100	10.00
FAB RM	11654	2-3/8 SHAFT - SHAFT FOR ODDSIZE LIFT DRIVE BASE 2-3/8	6	1306.74
FAB RM	12673	7153K11 - 1/2 STRAIGHT CONDUIT BODY WITH COVER/GASKET	90	360.00
FAB RM	12719	2605-34F2B - IGUS LINKS 12EB	2	37.36
FAB RM	12806	280-5035 - CHAIN #35 SNGL STRND MASTER LINK	20	11.80
FAB RM	13074	PWR SPLY 400-500VAC/24VDC 10A	200	10.00
FAB RM	13515	BUSHING, TAPER-LOCK, 1610, 1-7/16 DIA BORE, W/KEYWAY, DODGE	200	30.00
FAB RM	14470	505 - CHAIN #50 MASTER LINK	10	5.50
FAB RM	15208	5UU83 - KEYSTOCK 3/8X3/8	240	2160.00
FAB RM	15225	CHAIN #40 MASTER LINK - 5X293	10	74.80
FAB RM	15230	5X300 - CHAIN #50 OFFSET LINK	4	10.00
FAB RM	15232	5X303 - CHAIN #60 OFFSET LINK	30	78.60
FAB RM	15588	PRESSURE SWITCH, INTELLIFLUSH H100-701	100	89.00
FAB RM	15826	LT MDL ASSY W/1 NC CNTOR ZB4 371577	10	146.00
FAB RM	16448	5EE45 - SPRING PIN 3/16 X 1/2" HSD	25	289.25
FAB RM	18799	60204 - CONNECTING LINK NO.35	45	86.85
FAB RM	18857	1376168 - 2-7/8 X 21 X 9-1/8 SPRING	10	647.20
FAB RM	18871	162856 - U-CLIPS 3/8IN	10	30.00
FAB RM	18945	037-000707-006 - KEY STOCK 1/2 X 1/2 X 1-15/16 UAL MU	10	110.60
FAB RM	19052	1-11/16 SHAFT NONKEY - SHAFT 1-11/16 NONKEYED	36	357.48
FAB RM	19064	1-3/16" SHAFT KEYED - SHAFT TICKET COUNTER DOOR SHAFT.	30	328.20
FAB RM	19077	1-7/16 KEYED SHAFT - SHAFT 1-7/16 W/KEYWAY (MEASURED BY FOOT)	10	126.30
FAB RM	19107	11/16 SHAFT HEX - SHAFT 11/16 HEX	10	23.50
FAB RM	21348	SHAFT 1-15/16 KEYED - SHAFT 1-15/16 KEYED 1/2"	41	859.77
FAB RM	22164	RS 40 - CHAIN #40	15	300.00
FAB RM	63824	P 1-15/16" X 6 - SHAFT 1-15/16 W/O KEY	30	562.50
FAB RM	63837	47858 - 3/8"X5/16" KEY STOCK	14.3	16.45
FAB RM	64204	5VA69 - KEYSTOCK OVER 5/16X12	26	118.82
GRYCAB	19682	ADVANCED OPERATING PANEL (AOP) FOR THE VFD'S	4	1339.20
JIC	11303	1786-TYPS - CABLE CONTROLNET COAX Y-TAP W/STRAIGHT BNC COUPLER	1	7.58
JIC	12651	250V 5 AMP - FUSE 250V SLO-BLO MDL-5	55	101.20
JIC	13408	37 X 3-1/2 - ROLLER	1	180.00
JIC	14627	507-06301 - DRIVE CHAIN #80 STEARNS MU UAL	1	1375.00
JIC	14632	2% LINE REACTOR	1	104.50

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JIC	14633	3% LINE REACTOR	1	113.30
JIC	15134	5DU15 - RETAINER RING 17MM COLBY DRIVE MU	134	17.42
JIC	15674	67561 - CLAIM WEAR BAR ASSEMBLY FOR MAKE UP UNITS	4	313.88
JIC	15776	BELTING, TRANSPORT APH120FBS 36 INCH WIDE	25	0.00
JIC	17324	A578812 - BELTING 36W MERGE	87	785.61
JIC	18112	CV52A500 - SLOPE PLATE CHAIN LINK ASSY MU	30	2466.90
JIC	18412	F265 - DOOR SLATS NON-INSULATED SECURITY DOORS	5	74.25
JIC	19421	36-7/8 X 2-1/2 - RETURN ROLLER PC 2-1/2" X 36-7/8"W	1	180.00
JIC	19839	B6844S9445HL/49/100 - BELT TRANSNORM 90 DEG 31.125" HELIX	1	2530.00
JIC	20935	P49387IO/45/6/100 - PULLEY DRIVE 45 DEG. 6" HELIX TRANSNORM	1	802.62
JIC	22372	WSC-ASSY-R - WRAP SPRING CLUTCH ASSY RIGHT	1	2535.65
MCP	64218	1092648 - CHAIN 9" WITH HOLDER FOR SHACKLE	7	105.00
MCP	64219	1092651 - SHACKLE COLLAR FOR 9/32" DIAMETER	7	56.00
MCP	64220	99674111 - LOCK STEEL KEYED ALIKE KEY CODE 0356	7	63.00
R11A1-2	13129	CKT BRKR IEC 10A 1P 277V D	2	360.76
R11A2-3	10247	44 X 6 - ROLLER TAIL 44W 6DIA	2	160.00
R11A3-1	13472	GEARMOTOR SEW 1.5 HP 16.47:1 106 RPM 1-7/16	2	360.00
R11A3-3	13409	37" X 4" - ROLLER RETURN 37W X 4DIA	9	1560.42
R12A1-1	10177	PVK 125 FS X FS 49" - BELTING 49W TRANSPORT GRAY BUMPY	129	1362.24
R12A1-1	22456	108-0519-002 - WEAR STRIP SKI CLAIM	102	5972.10
R12A1-1	64234	P68387O/90/17.5/100 PULLEY DRIVE TRANSNORM	2	1416.00
R12A1-1	64235	P68387/90/17.5/100 - PULLEY TAIL TRANSNORM	1	563.00
R12A2-1	61268	67595-1-762 - EXPANSION FRONT PANEL MU	3	750.00
R12A5-1	12233	208-0711-101 - CARRIER WELDMENT SKI CLAIM	1	370.74
R12A6-1	10258	507-67272 - PLATE SLOPE CLAIM UNIT	36	10800.00
R12A7-1	14641	RELAY, 120VAC, 2PDT, BLADE, 5A	209	54340.00
R12A7-1	18118	STAINLESS STEEL PALLETS	116	23200.00
R12A7-2	14642	RBT S/S CLAIM SLOPE PALLETS MU	7	665.00
R12A8-1	10610	507-67401W - CLAIM S/S PALLET SUPPORT WELDMENT SPLINE FOR MU	330.55	66110.00
R12A8-2	10611	RBT - CLAIM S/S PALLET SUPPORT WELDMENT SPLINE FOR MU	74	11100.00
R13B10-2	10122	B4938S6990HL/12/100 - BELT TRANSNORM 90 DEG 12" HELIX LACED	3	9717.00
R13B11-3	19737	B4938S6990HL/23/100 - BELT TRANSNORM 90 DEG 23" HELIX	1	3285.00
R13B12-1	21955	108-0748-9GO - FASIA STRAIGHT-CLOSURE SS SKI CLAIM	8	3200.00
R13B12-1	61271	7900-40 - AL RAIL STRAIGHT COLBY	9	3150.00
R13B12-1	61273	7900-04-00100 - UPPER TRANSSION MU COLBY	1	50.00
R13B4-6	19840	B6844S9690FL/100 - BELT TRANSNORM 90 DEG FLAT (68 x 44)	2	0.00
R13B4-9	22019	PVK 125 FS X FS X36" - BELTING 36W GD PVK 125 FS X FS MOD 3 EAST	70	627.20

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R13B5-5	19836	B6844N5890HC/39/100 - TRANSNORM ODD SIZE BELT	3	8269.80
R13B6-1	19713	B4938N5890HC/31.125 - BELT TRANSNORM 90 DEG 31.125/100PG HELIX	1	2304.50
R13B6-2	19701	B4938N5890HV/33.13/1 - BELT TRANSNORM 90 DEG 33.13 HELIX (901363)	2	4550.00
R13B6-3	19782	B4938S9690HC/30/100 - BELT TRANSNORM 49/38/90 30" HELIX	3	9900.00
R13B7-5	19083	1/2-UA/LA-GRAY - 1/2 SEAL TIGHT GRAY CONDUIT	27	38.88
R13B8-5	19687	B3967.5N6990HL/50/14 - BELT TRANSNORM 50 DEG HELIX OS UAL	1	2495.00
R13B9-1	14643	2NO AUX CONTACTS SIDE MOUNTING	41	7999.10
R13B9-2	10727	1194VSR - MERGE	1	235.00
R13B9-2	17831	BACK STOPS - STOPS FOR TO UNITS	2	52.60
R14A1-1	19828	B6438N6930HC/13/100 - TRANSNORM 30 DEG 13"HELIX UAL	1	1245.20
R14A1-1	64047	B4938S6990HL/24/100 - BELT TRANSNORM 90 DEG 24"HELIX (HABASIT)	2	3476.18
R14A1-4	19727	B4938S6960HL/16/100 - BELT TRANSNORM 60 DEG 16" HELIX	1	1797.40
R14A10-3	17913	970048 - BELT POWERTURN 90DEG 18ED DROP	1	2275.05
R14A11-4	19834	B67.559S6990HL/36/14 - TRANSMORM 90 DEG 36" HELIX	1	3565.00
R14A12-2	17921	401198 - BELT POWERTURN C5036 SP180 DEG	2	4319.70
R14A12-2	21101	PHR2-200 MF-RTxBB30" - BELTING 30W ROUGH TOP	25	354.75
R14A18-1	19576	600HNC1830 D/RX - REDUCER 30:1 ELECTRA GEAR	1	763.00
R14A4-1	61267	67571 - FRONT PANEL ASS. MU STEARNS	3	1800.00
R14A4-1	61269	67421 - STANDARD SUPPORT FRAME MU STEARNS	20	5000.00
R14A4-1	61270	67242 - WHEEL TRACK MU STREANS	4	700.00
R14A4-1	61274	7900-30/31 - KICK PLATE STRAIGHT MU COLBY	4	1000.00
R14A4-1	61275	7900-24/25 - LOWER TRACK MU COLBY	3	450.00
R14A4-1	61276	7900-03-9051 - AL TOP RAIL 90 DEG OUTSIDE MU COLBY	5	1750.00
R14A4-1	61277	7900-03-9015 - TRACK OUTER 90 DEG MU COLBY	2	300.00
R14A4-1	61278	7900-03-9020 - TRACK INNER 90 DEG MU COLBY	2	300.00
R14A4-1	61279	7900-03-9045 - KICK PLATE 90 DEG OUTSIDE MU	3	450.00
R14A4-1	61280	7900-26/27 - GUIDE & TOP TRACK MU COLBY	10	1500.00
R14A4-1	61281	7900-34/35 - FASCIA SKIRT STAIGHT MU	2	200.00
R14A6-5	19833	B67.550S9690HL/36/14 - BELT TRANSNORM 90 DEG 36" HELIX	1	2350.00
R14A7-1	17907	C-187 - DOOR SLATS CLAIM UNITS	3	40.44
R14A7-1	64026	B4938S9630FC/100 - BELT TRANSNORM 30 DEG FLAT (HABASIT)	4	2996.60
R14A9-1	13740	400994 - BELT POWERTURN C4838 36IN SP90 DEG SR 235L	3	6895.56
R14A9-3	13737	400990 - BELT POWERTURN C4838 SP90 DEG SR 231L 24ED	39	84766.50
R15A1-1	17912	C-4838 40T - PULLEY C-4838 FLAT	1	378.68
R15A1-11	60062	P68447I/100 - DRIVE PULLEY INSIDE DRIVE P68447I/100	1	702.00
R15A2-4	17252	9943-A-39 - PULLEY FF 8.75" X 38" 1-11/16 SHAFT	4	3210.48
R15A3-1	17254	9944-A-39 - PULLEY END 6IN DIA X 38IN W BG 1-7/16 TF	4	386.12

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R15A4-6	10244	P67.55070/140 - PULLEY OUTSIDE DRIVE FLAT (67.5X50)	1	700.00
R15A5-10	10779	42" ROUGH TOP - BELTING 42W ROUGHTOP	59	916.27
R16A1-4	10230	P49387IO/135/33/100 - PULLEY DRIVE TRANSNORM 135DEG 33"HELIX (49X38)	1	700.00
R16A2-4	10228	30-1/2 X 2-1/2 - ROLLER RETURN 30-1/2W X 2-1/2DIA	3	390.00
R16A2-5	19389	30-1/4 X 3 ROLLER - ROLLER PINCH 30W X 3DIA	3	390.00
R16A2-6	13210	OPERATOR'S PANEL STANDARD, SOFT KEY	4	500.00
R16A2-9	63880	P49387IO/90/22/100 - PULLEY DRIVE 90 DEGREE 22" HELIX	1	667.00
R16A3-1	13211	CALIBRATION MIRROR	1	180.00
R16A3-3	12119	20 X 2 1/2 - ROLLER 20W X 2-1/2DIA	5	140.00
R16A3-4	10229	32 X 8-1/2 - ROLLER DRIVE TC 32W X 8-1/2	1	160.00
R16A3-6	20867	P49387I/100 R - TRANSNORM DRIVE PULLEY INSIDE RBT	1	801.30
R16A3-7	12917	SM102 MODS FOR EDGES	2	380.00
R16A3-7	17256	9944-B-39 - PULLEY 6IN W X 38IN W 1.6875 TF	5	0.00
R16A5-3	20938	P49387IO/90/12/100 - PULLEY DRIVE 12" HELIX 90 DEG. TRANSNORM	1	802.62
R16A6-7	10235	P68447IO/180/78/140 - PULLEY DRIVE TRANSNORM 180DEG 78" HELIX (68X44)	1	700.00
R16A6-8	12691	257-0151 - RETURN ROLLER PC 4-1/2 X 48-7/8" LG	1	80.00
R16A6-9	22294	38" X 6 1/2" - PULLEY TAIL 38W X 6-1/2DIA	1	117.50
R16A8-1	10800	125-3328-133 - ROLLER DRIVE BAE MERGE 38W X 6-1/2DIA	4	800.00
R17A1-1	22032	QDC525 - BANNER LIGHT CURTAIN CABLE	2	174.00
R17A3-2	12569	2417418 - REDUCER 13.66:1 SHAFT MOUNT 115SMT15 AY1744	3	1407.33
R17A3-2	19138	115SMT25 AY1744 - REDUCER 25.4545:1 SHAFT MOUNT 115SMT25	1	468.85
R17A4-1	12171	REDUCER 24.71:1 SHAFT MOUNT 203SMTP25	2	1191.24
R17A4-1	12182	203XM25 - REDUCER MORSE	1	669.00
R17A4-6	19388	30 X 6-3/4 ROLLER - PULLEY DRIVE 30W X 6-3/4DIA	5	2050.00
R17A6-1	12922	295-1200-003 - TAKE-UP FRAME ASSEMBLY	11	176.00
R17B1-1	10476	107XM05 - REDUCER GEAR 5.0833:1 CLASS 9.01	4	1278.00
R17B1-2	10477	107XM09 - REDUCER GEAR 9.2135 :1 CLASS 6.60	2	678.00
R17B1-3	10227	TXT425AT - ABHS REDUCER TXT425AT 24.38:1	1	4800.00
R17B1-3	12181	203XM15 - REDUCER MORSE BAE P/N 5053 114147	1	669.00
R17B4-1	22602	GEARBOX - TO LIFT GEARBOX	1	220.00
R17B4-2	12369	215-1601 - REDUCER/MOTOR SEW-EURODRIVE COLBY MU	3	3307.59
R18A2-2	11139	160B-415ZV - VAN DER GRAAF POWER ROLLER TYPE RTM	2	7000.00
R18A2-2	20533	MGCA-4 - BANNER CONTROLL BOX LIGHT CURTAIN	3	3411.00
R18A2-3	10225	BMR348A - LIGHT CURTAIN RECEIVER 3-FOOT	1	1356.00
R18A2-4	20534	MGE4216A - BANNER EMITTER HEAD FOR LIGHT CURTAIN	3	4068.00
R18A2-5	21381	SLC410 LIGHT CURTAIN - SCHMERSAL LIGHT CURTAIN	2	6500.00
R18A2-6	10224	BME348A - LIGHT CURTAIN EMITTER 3-FOOT	1	1356.00

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R18A2-7	20537	MGR4216A - BANNER RECEIVER LIGHT CURTAIN	4	5424.00
R18A3-1	11493	TRANSFORMER ENCAPSULATED 240/480-120/	4	855.44
R18A3-2	40618	TRANSFORMER ENCLOSED 120/208/240/480-120/208/240	1	200.00
R18A3-2	63896	524-SO-01102084 - BARREL AND MOTOR 2WOS2	3	5904.00
R18A3-3	15539	63-23-150-8 - TRANSFORMER MINI/MICRO COMPUTER REGULATOR	3	2131.32
R18A4-1	10256	50GSA 25:1 - REDUCER MORSE 50GSA 25:1	1	4125.00
R18A4-1	63986	215BU111- BUSHING KIT SHAFT 1-11/16	1	204.14
R18A4-2	10255	50GSA 15:1 - REDUCER MORSE 50GSA 15:1	1	4125.00
R18A7-1	18111	CV52A100-L - CLAIM DRIVE BASE ASS. MOD3 EAST MU	1	3500.00
R18B10-2	10254	60GSA 30:1 - REDUCER MORSE 60GSA 30:1	1	4950.00
R18B2-1	12206	206-0691-101 - ASSEMBLY DRIVE SKI CLAIMS BAE	1	3627.82
R18B3-2	12241	208-3250 - ASSEMBLY BAE CHAIN BOX JETPLATTLE	1	6000.00
R18B7-1	15543	36 PIN SCREW CLAMP BLOCK WITH STANDARD HOUSING	3	5520.36
R18B7-3	10491	108441.0015S - MOTOR SECURITY DOOR ON TO3 MOTOR	1	249.00
R18B7-4	10404	101787-1 - TO3 DOOR GEARBOX	1	525.90
R18B8-1	18332	E93MR5317 - REDUCER 20:1 MORSE 60GSA	3	14850.00
R18B8-2	10253	60GSA 25:1 - REDUCER MORSE 60GSA 25:1	1	4950.00
R18B8-3	10257	50GSA 30:1 - REDUCER MORSE 50GSA 30:1	1	4125.00
R19A1-1	12234	208-0729 - CLAIM COFFIN SKI CLAIM UNIT	10	3707.40
R1A1-1	21431	ST-23 - BEARING SET SCREW TAKE-UP STD 1-7/16"	12	1417.56
R1A1-1	64236	SFT-19 - BEARING 2-BOLT FLANGE	12	975.36
R1A1-1	64251	7900-10-0320 - SHEAVE MODIFIED PLOY -V 249-9901	6	5367.90
R1A1-2	16333	80042 - BEARING CAP 1-7/16" PORTEC	18	89.10
R1A1-2	18435	F4B-SC-112 - BEARING 1-3/4" SCISSOR LIFTS	6	307.32
R1A1-2	64241	7029436 - PHOTOEYE KIT	2	224.00
R1A1-2	64252	220-0128 - 2BFB 2" BORE DODGE SXR	4	326.72
R1A1-2	64253	269-0007 - BUSHING SPLIT TAPER BROWNING (#R1-2)	4	525.68
R1A1-3	20577	MP-31 - BEARING ID 1-15/16 SEALMASTER	8	1349.52
R1A1-3	64242	6032863 - POWER SUPPLY	1	252.00
R1A1-4	10078	NP-31 - BEARING 1-15/16" MU	7	690.90
R1A1-4	64254	7900-10-0304 - SHAFT DRIVE TAKE-UP SHEAVE	2	171.82
R1A1-4	64255	7900-10-0140 - CHAIN GUIDE ASSEMBLY L/H	3	567.12
R1A1-5	10820	128505 - BEARING ID 1-11/16	4	120.00
R1A1-5	22467	F4BSC111 - BEARING 4-BOLT FLANGE ID 1-11/16	4	300.00
R1A1-5	64256	7900-10-0141 - CHAIN GUIDE ASSEMBLY R/H	3	567.12
R1A1-7	21339	SFT-31 - BEARING 2-BOLT FLANGE ID 1-15/16	10	600.00
R1A1-8	22266	UCP212-38 - BEARING AMI ODD SIZE DRIVE W/HOUSING 2-3/8"	7	466.20

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R1A1-9	12461	229-2202 - BEARING 2-BOLT FLANGE ID 1-11/16 LOCKING COLLAR	16	1853.60
R1A10-1	15627	6603-20-20 - BELT TENSIONER HSD	46	2990.00
R1A10-1	17440	AL206-5001 - HSD WRAP SPRING ACTUATOR RETURN ASSY	16	240.00
R1A10-1	64221	54030 - WASHER FOR TRANSNORM BELT	10	57.80
R1A10-10	13140	MDL OUT 12-230VAC 0.5AMP	1	742.45
R1A10-10	64262	HK5022RS BEARING NEEDLE CAGED (IDA)	8	231.84
R1A10-11	12786	275-00135 - SOLENOID AC COIL KIT RH DELTRAN	1	804.58
R1A10-11	15636	PULLEY DRIVE WELDMENT HSD	4	1342.56
R1A10-12	64185	CP-STSAV-12X50 (0.062MIL) - DURASURF STS WITH AVERY 8345 ADHESIVE	8	4920.00
R1A10-2	15635	CLUTCH BRAKE SHAFT WELDMENT WRAP SPRING CB-10	7	4729.62
R1A10-3	15623	6603-20-13 - PULLEY DRIVE HEAD HSD	3	422.94
R1A10-4	17532	MOUNT NOSE ROLLER 6650 HSD	5	761.40
R1A10-4	17533	MOUNT TAIL ROLLER 6650 HSD	4	498.40
R1A10-4	17534	RETAINER BEARING 6650 HSD	4	276.88
R1A10-4	20319	KP47B - BEARING 2.9375 BORE	4	445.60
R1A10-6	12397	220-3208/123803 - BEARING DODGE P2BSC012 X 3/4 HSD	5	181.00
R1A10-6	21813	TL20H150-1210 - PULLEY DYNA SYNC (SEE NOTES)	1	41.26
R1A10-6	21820	DX234-0524XX PULLEY DYNA-SYNC H150 X 24 teeth - HSD	5	0.00
R1A10-7	17479	6603-20-15 - PULLEY SHAFT DRIVE HEAD HSD	11	2573.45
R1A10-8	10433	105-5307-101 - BUSHING HUB FOR SNUB ROLLERS	11	64.68
R1A10-8	13160	ACTR LINEAR 1'0 STRK 115VAC TAL10-1A	3	100.17
R1A10-8	15598	650J6 - MICRO-V BELT FOR HSD SERPENTINE	51	377.91
R1A10-8	22081	RCSM-10S - PEER RETURN WHEEL FOR PORTEC TURNS OR RCSM-12	14	160.44
R1A10-9	11306	17907-0001 - UHMW COUNTER WT. SLIDE TO LIFTS	24	528.00
R1A10-9	17443	AL206-5017 - SOLENOID ADAPTER PLATE R/H HSD	20	1700.00
R1A2-1	10178	NUT LOW PROFILE 7/8"X14 FOR CAM FOLLOWER	64	80.00
R1A2-1	18433	F4B-SC-107 - BEARING FLANGE UNIT	4	164.24
R1A2-1	19362	2-13 - BEARING INSERT ID 1-3/16 SEALMASTER	2	96.78
R1A2-1	40290	S1111K - ECCENTRIC LOCKING COLLAR 1-11/16"	5	39.75
R1A2-2	10191	BUSHING TRANSNORM INSERT GUIDE BEARING	103	173.04
R1A2-2	22257	UC207-23 - BEARING INSERT FOR 3-BOLT FLANGE ID 1-7/16 PORTEC	23	296.70
R1A2-3	21289	SCJT - BEARING 1-11/16"	1	40.00
R1A2-3	22262	UCFL209 - BEARING 2-BOLT FLANGE MU 45MM SHAFT	2	101.68
R1A2-4	17654	B/P12979 - TAKE UP BEARING 1 7/16 BORE TRANSNORM	130	5590.00
R1A2-5	10810	126812/P2B-SCM-111 - BEARING 2-BOLT PILLOW BLOCK ID 1-11/16 P2B-SCM-111	2	169.96
R1A2-5	18108	CV5224 - CLAIM SLOPE PLATE BUMPER RETAINING PLATE M	191	853.77
R1A2-5	21337	SFT-27 - BEARING 2-BOLT STD ID 1-11/16	2	118.20

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R1A2-5	22077	RCJ-1-7/16 - BEARING 4-BOLT ID 1-7/16 FAFNIR	2	210.00
R1A2-6	12460	229-2201 - BEARING 2-BOLT FLANGE ID 1-7/16 SET SCREW	17	1575.56
R1A2-7	18167	9910-4000-0230 - BEARING 3 BOLT FLANGE ID 1-7/16	31	1334.55
R1A2-8	13097	CKT BD IGBT SEMIKRON JTP3	3	273.27
R1A2-8	19354	2-11 - BEARING INSERT 1" ID SEALMASTER	4	140.56
R1A2-8	22258	UC212-38 - BEARING INSERT AMI ODDSIZE 2 3/8"	1	55.25
R1A3-1	12183	204 KRR2 - BEARING INSERT RETURN ROLLER HEX SHAFT	3	45.42
R1A3-1	17271	2-115 - BEARING INSERT ID 1-15/16 SEALMASTER	3	194.19
R1A3-1	19988	GYA111RRB - BEARING INSERT FOR SCJT BEARING 1-11/16	2	61.88
R1A3-1	20064	HJ-283720 - BEARING ODDSIZE WHEEL ASSEMBLY	3	62.73
R1A3-1	20067	HM89443 - BEARING ELECTRA GEAR REDUCER	4	95.32
R1A3-10	11210	17448 - SEAL REDUCER HUB CITY #214B (5:1) RIGHT SIDE HSD	5	32.50
R1A3-10	11357	18536 - SEAL	10	96.70
R1A3-10	12793	276280 - SEAL INPUT C350 TIGEAR (CR12456)	21	295.68
R1A3-10	14702	OUTRIGGER BOTTOM HOSE assy. SAE #6X20	1	5.75
R1A3-10	18907	2154 - LACING CLIPPER NO.2 GALVANIZED 12IN	11	19.69
R1A3-10	19294	174238 - SEW B1SF55X94X8/11.5 PPM OUTPUT SEAL MOD 3 MU8	2	135.56
R1A3-11	14095	UPR CHAIN GDE KIT 16 FT	8	40.24
R1A3-11	14102	472658 - OIL SEAL	10	44.80
R1A3-11	14105	473232 - SEAL ELECTRA GEAR 500	5	17.15
R1A3-11	14106	473467 - OIL SEAL	7	21.00
R1A3-11	15518	6205 2ZJEM - BEARING SKF FOR MOTOR REBUILD	82	786.38
R1A3-11	15586	641162701GB - SEALS	10	579.70
R1A3-12	12672	472185 - SEAL MORSE INPUT	14	76.44
R1A3-12	19103	106178 - SEAL SEW A30X47X7 NBR INPUT MOD 3 MU	12	54.96
R1A3-12	19295	177784 - SEW BASF55X100X10/7 NBR OUTPUT SEAL MOD 3 MU	4	48.76
R1A3-12	61285	CR16814 - REDUCER SEAL CONE INPUT	12	95.04
R1A3-2	17663	B1062-2 - ROLLER RETURN BEARING SMOOTH	1	16.50
R1A3-2	21426	SSF-23 - BEARING 3 BOLT 1-7/16	1	105.00
R1A3-3	17493	224-0206 - WASHER THRUST BRONZE 6700 MU	30	104.40
R1A3-3	40316	RAL 3B9 - PORTEC ROLLER END BEARING	1	9.75
R1A3-3	40820	6007LLB - BEARING NTN6007LLB	23	497.49
R1A3-4	15321	BRG FL 2B 1-7/16 SFTMH-23T SKWZ LOCK	52	937.04
R1A3-4	15523	6206-2RSJEM - BEARING SKF (PUSHER)	48	453.12
R1A3-4	22168	RS-100 - CHAIN #100	3	30.63
R1A3-5	15517	6205 2RSJEM - BEARING SPHERICAL NOSE ROLLER FOR HSD PADDLE	180	412.20
R1A3-6	15316	6004-2RS - BEARING SKF FOR TRANSFORM BELT GUIDE (OR EZGO)	566	916.92

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R1A3-7	15322	SHAFT, SFT SG 23 39 EX MH	36	432.00
R1A3-7	15526	6211NRJEM - BEARING SUMITOMO OUTSIDE SLOW SPEED SIDE	3	145.98
R1A3-7	15557	6306JEM - BEARING SUMITOMO OUTSIDE SLOW SPEED SIDE	6	149.52
R1A3-7	17260	99502H - BEARING INSERT 5/8 ID X 1-3/8 BAE P/N207-033	8	23.20
R1A3-7	20708	NYS065-C - LACING PIN NO.1 NYLON CABLE W/O LEADER	850	952.00
R1A3-8	15513	6203 2ZJEM - BEARING SHIELDED BOTH SIDES	15	139.05
R1A3-8	15525	6207 2ZJEM - BEARING SINGLE ROW BALL DOUBLE SHIELDED	3	59.91
R1A3-8	15556	6305JEM - BEARING SUMITOMO HIGH SPEED SIDE	11	179.96
R1A3-8	18904	2100 - LACING CLIPPER NO.1 GALVANIZED 12IN	50	94.50
R1A3-9	14831	540-2038 - WARNER HUB SPLINE AIRPORT USES	11	713.35
R1A3-9	19314	166-0101(6908DU) - BEARING WARNER C/B INNER	6	69.24
R1A3-9	19315	166-0143(6205DU) - BEARING WARNER C/B OUTPUT SHAFT	19	219.26
R1A3-9	20709	NYS093-C - LACING PIN NO.2 NYLON CABLE W/O LEADER	1187	2243.43
R1A4-1	13535	13535 - REDUCER SEAL INPUT FOR HUB CITY	9	73.89
R1A4-1	13941	416476 - NATIONAL OIL SEAL	5	166.60
R1A4-1	13945	417262 - NATIONAL OIL SEAL	9	220.05
R1A4-1	63928	SEAL SEW (40X62X7)	9	25.83
R1A4-10	12366	ODD SIZE LIFT WHEELS BAE DRIVE ASSY	1	340.49
R1A4-2	13235	SNSR TEMP RTD 1K W/ 25' CA	26	29.90
R1A4-2	14109	SEAL(NATIONAL) 473438	15	133.65
R1A4-2	18763	14753 - SUMITOMO SEAL (HIGH SPEED SIDE) (14753)	3	13.20
R1A4-2	18968	NCS065 (05022) - LACING PIN .065 NO.1 CABLE W/LEADER	193	254.76
R1A4-2	61286	CR23279 - REDUCER SEAL CONE OUTPUT	4	111.40
R1A4-2	63977	SEAL INPUT MORSE REDUCER	8	33.60
R1A4-2	64165	29224 - SEAL OUTPUT	4	45.44
R1A4-3	13940	416339 - OIL SEAL	6	91.32
R1A4-3	16638	85X140X12TC - OIL SEAL EURODRIVE REDUCER SAME AS A85X140X	11	246.62
R1A4-3	18071	CR37533 - SEAL FOR ELECTRA GEAR 500	7	107.38
R1A4-3	63929	SEAL (2.875X3.751X.375)	8	97.04
R1A4-4	16202	7434331 - SHIM KIT OUTPUT ELECTRA GEAR REDUCER	7	269.29
R1A4-4	16286	PADCLOS GRAY LWR EMB - 145 2127569	19	120.46
R1A4-4	18061	CR19887 - SEAL FOR ELECTRA GEAR 21HIC	20	177.00
R1A4-4	18064	CR21164 - SEAL ELECTRO GEAR 26MH	14	103.46
R1A4-5	13937	415836 - NATIONAL OIL SEAL MORSE GEARBOX	9	89.64
R1A4-5	13938	415995 - SEAL OIL, 350 ELECTRAGEAR	14	42.00
R1A4-5	14791	531N658812-G - SUMITOMO SEAL (SLOW SPEED SIDE)	10	327.20
R1A4-5	17267	998GHH4135G - SUMITOMO GASKET KIT	1	7.39

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R1A4-5	63978	35300-SEAL OUTPUT MORSE REDUCER	8	30.48
R1A4-6	12791	276002 - BORE PLUG FOR THE TIGEAR 23 REDUCER	32	195.52
R1A4-6	12794	276287 - INPUT OIL SEAL C200 TIGEAR	18	197.10
R1A4-6	18060	CR13739 - SEAL ELECTRA GEAR 500HKC REDUCER	8	59.12
R1A4-6	18069	CR334272 - SEAL TIGEAR INPUT 23A	13	110.63
R1A4-6	18070	CR334277 - SEAL TIGEAR OUTPUT SHAFT 23A	1	10.47
R1A4-7	11435	19762 - SEAL OUTPUT BROWNING 107SMT09 AY1743	26	153.66
R1A4-7	16205	7443 - SEAL INPUT BROWNING 107SMT09 AY1743	21	48.51
R1A4-7	17217	9878 - REDUCER OIL SEAL INPUT 115SMT15/203SMT25	32	80.00
R1A4-7	18066	26186 - SEAL OUTPUT 115SMT15 & 115SMT25	16	197.28
R1A4-7	63979	CHAIN PROTEC - CHAIN PORTEC RIVETED	2	90.00
R1A4-8	11366	190130 - GROMMET PORTEC	200	166.00
R1A4-8	13865	CR536366 OIL SEAL DODGE C350	8	370.16
R1A4-8	18076	CR9820 - OIL SEAL	19	39.71
R1A4-9	12932	29952 - OIL SEAL	22	167.20
R1A4-9	13944	417196 - OIL SEAL	40	531.20
R1A4-9	64003	RBT KIT FOR REDUCER C200	2	97.32
R1A5-1	13867	41162701GD - SEAL DODGE REDUCER C262T 536358 OUTPUT	9	260.55
R1A5-1	18067	CR276285 - INPUT SEAL C262	7	130.41
R1A5-1	18119	CV52D405 - CLAIM SLOPE PLATE BUMPER CCW MODIFIED MU	351	23429.25
R1A5-1	19473	41162701FT (536355) - SEAL DODGE REDUCER C200T CR536355 OUTPUT	8	290.72
R1A5-1	63918	335609 - BORE PLUG SEAL	10	80.10
R1A5-2	10171	NAT471267 - SEAL INPUT ELECTRAGEAR 26MHIC	2	5.98
R1A5-2	10172	OIL SEAL NAT472015	18	133.38
R1A5-2	10559	11138 - SEAL ELECTRAGEAR FAN SEAL	11	38.50
R1A5-2	10868	13534 - SEAL	18	153.00
R1A5-2	14101	472636 - OIL SEAL	9	45.27
R1A5-2	18254	CV5000A601 - COLBY SLOPE PLATE WHEEL ASSEMBLY MU MOD 3	680	13600.00
R1A5-3	12671	476470 - SEAL MORSE 35 GSA	18	164.70
R1A5-3	13275	34985 - SEAL ELECTRA GEAR OUTPUT	3	44.97
R1A5-3	13935	415379 - NATIONAL OIL SEAL MORSE 40GSA	14	162.40
R1A5-5	15644	PADDLE CHAIN & ROD ASSEMBLY LH HSD - 6603-30-34L	5	3531.00
R1A5-5	15645	PADDLE CHAIN & ROD ASSEMBLY RH HSD - 6603-30-34R	6	3852.00
R1A5-6	41330	MOUNTING KIT NEW STYLE HSD GEARBOXES	7	210.00
R1A6-1	18597	FP100 - FILTER MEDIA VFD 24" X 90' (UOI LINEAR FOOT)	115	152.95
R1A6-1	21400	SP18 - ROLLER METAL PORTEC 15"	12	106.32
R1A6-1	64082	NSL-11ESBV 13 - HSD PADDLE BELTS HABASIT	32	2614.40

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R1A6-2	18598	FP200 - FILTER MEDIA MCP 24" X 60'	113	249.73
R1A6-4	16141	72C8664 - ATR E-BOX FAN FILTER	10	2.70
R1A7-1	16788	UM180-1020 RBT - RBT UM180-1020 CLUTCH BRAKE	2	526.90
R1A7-1	40308	RBT L/H WRAP SPRING CLUTCH ASSY	1	5132.17
R1A7-2	12205	CLUTCH BRAKE WRAP SPRING CB-10-CCW (L/H) 320-22-020A HSD	1	2535.64
R1A7-2	12208	320-12-018 - CB10SUPERCW115AC1STAOLESSAB	5	0.00
R1A7-2	12375	216-1024024 - REDUCER HUB CITY #214 B (5:1) 145TC L/H	4	1375.20
R1A7-2	64178	23CLSDCOVER- FOR DODGE 23A REDUCER	5	83.05
R1A7-2	64180	507-67561 - WEAR BAR HOLDER ASSEMBLY	1	130.00
R1A7-3	12376	216-1024624 - REDUCER HUB CITY #214 C (5:1) 145TC R/H	1	1704.72
R1A7-5	40309	RBT R/H WRAP SPRING CLUTCH ASSY	2	10264.34
R1A7-6	12207	320-22-020 CB10SUPERCCW115AC KAMAN WSC	5	12678.20
R1A7-9	63811	5370-101-07 - STUD MOUNT	14	0.00
R1A8-1	11675	MOTOR 1HP 230/460V 143TC 1725RPM CFACE FOOTLESS HSD	6	1020.60
R1A8-1	14803	5370-111-013 - CLUTCH BRAKE FRICTION DISK ARMATURE ASSY	8	1007.60
R1A8-1	15638	SPROCKET CAM MACHINED HSD SIEMENS - 6603-30-18	4	360.00
R1A8-10	15808	FAN, COND MTG 60-90T BRKT WLDMT 501660	70	982.80
R1A8-11	15807	6J1.94-1108 - SHEAVE TAPER LOCK 1108 6J1.94 7/8 HSD	68	922.08
R1A8-12	20318	KP23B-FS464 - BEARING TORRINGTON KP23BFS464 HSD 223-9823	21	4100.25
R1A8-12	22221	BEARING TORRINGTON BALL S10PP2 HSD	29	1143.47
R1A8-4	63855	1235-02-083-T - SPRING FOR REBUILT KIT (IDA)	15	117.60
R1A8-4	63860	6535-44-003 - SPACER FOR REBUILT KIT (IDA)	6	49.20
R1A8-4	63861	CF03-6535-90-1 - SOLENOID 115VT HEAVY DUTY FOR REBUILT KIT (IDA)	2	682.50
R1A8-5	21267	0530-01-010-T TUBING -5/32 OD CLEAR FOR IDA	1	0.00
R1A8-5	64215	1279-01-030-T - EXTERNAL INVERTED	3	5.61
R1A8-5	64216	6535-21-016 - SPACER	2	52.08
R1A8-5	64217	6535-21-019 - SPACER DU THRUSTER	6	480.48
R1A8-6	63852	0417-01-009 - SHOULDER BOLT FOR REBUILT KIT (IDA)	6	10.08
R1A8-6	63854	0735-00-041-T - ROLL PIN 1/8X2 FOR REBUILT KIT (IDA)	11	16.72
R1A8-6	63872	0534-02-071-T - BRASS FITING IDA	4	60.68
R1A8-6	63873	6D917 - VALVE CHECK FOR IDA (UPGRADE)	5	75.85
R1A8-7	63849	6535-7E-007 - LUBRICATOR REFILL KIT HSD (IDA)	2	264.00
R1A8-7	63857	1236-00-038-T - SPRING STUD FOR REBUILT KIT (IDA)	14	30.80
R1A8-8	18123	CYR 1-3/4 S - BEARING V-BELT IDLER CAM FOLLOWER	116	2146.00
R1A8-9	50053	D102-10-0002 - ACTUATOR LINK ASSY	14	885.08
R1A9-1	11587	950-0-0003 - WASHER PLATE THRUST WRAP SPRING DANNAHER	15	8221.50
R1A9-1	15640	6603-30-28 - HSD BOLT PRIMARY CRANK	35	1131.55

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R1A9-1	15642	CLUTCH BRAKE BUSHING SUPPORT WRAP SPRING HSD	9	2919.69
R1A9-1	15643	CLUTCH BRAKE SPACER WRAP SPRING	12	66.00
R1A9-10	12489	SPROCKET B5015H 15 TEETH 5/8 HSD	11	207.13
R1A9-10	15639	SIEMENS HSD SPACER IDLER SPROCKET	149	1166.67
R1A9-10	16980	91259A796 - SHOULDER BOLT 5/8 X 1-1/4 X 1/2 13	18	55.98
R1A9-11	18246	HSD VIBRATION BRACKET	6	444.54
R1A9-11	20598	MTALH-0000-040 - ROLLER ASSY TAIL CROWNED V-GROOVED HSD 6650	3	1536.09
R1A9-11	63874	459-3101100 - 1/4-20 FLAT HEAD SCREW FOR SLOPE PLATE	6100	4575.00
R1A9-11	63875	450-0803 - NUT NYLON 1/4-20 FOR SLOPE PLATE	6100	732.00
R1A9-11	63876	452-0001 - WASHER FLAT 1/4-20 FOR SLOPE PLATE	6100	366.00
R1A9-12	50050	275-1-0579 - SOLENOID CW WARNER CB10	5	1303.15
R1A9-12	50051	275-1-0580 - SOLENOID CCW WARNER CB10	5	1303.15
R1A9-2	11588	748-1-0020 - RING RETAINING TOP-BOTTOM WRAP SPRING DANNAHER	18	509.76
R1A9-2	12451	ROD END ID 3/4 X FEMALE HSD - 226-0409	6	1008.66
R1A9-2	16512	807-0-0013 - CLUTCH BRAKE SPACER INPUT WRAP SPRING	9	1106.37
R1A9-2	18247	BLOCK GUIDE FOR PADDLE CHAIN ASS	5	125.00
R1A9-4	10629	117076 - BUSHING TAPER LOCK 1108 7/8 KEYWAY HSD	68	609.28
R1A9-4	12678	2533004 - PRESSURE REGULATOR VALVE	3	191.04
R1A9-4	17439	AL206-5000 - ACTUATOR LEVER	31	1395.00
R1A9-4	63913	101-10130 - UHMW TAPE 0.062" X 1" W/AVERY	4620	9933.00
R1A9-5	16776	9-3449M-056 - SOLENOID COIL FOR HSD	7	458.50
R1A9-5	18244	SPROCKET PLATE ADJ IDLER HSD	4	259.24
R1A9-5	50095	ALH0000048 - PADDLE FASTENER REPAIR KIT	8	6266.56
R1A9-6	20596	PADDLE PIVOT WELDMENT 66500 HSD	3	1999.65
R1A9-7	21818	TL28H150-2012 - PULLEY DYNA SYNC SAME AS TB28H150 (SEE NOTES)	8	483.84
R1A9-8	14025	450-0711 - EXTENSION NUT HEX COUPLING 1/2" X 13- X 1	41	1.23
R1A9-8	21816	TL24H150-1210 - DYNA-SYNC PULLEY	3	174.00
R1A9-8	22913	HK6020 - BEARING HK6020 DRAWN CUP NEEDLE WSC	9	155.97
R1A9-8	22914	SCE3616 - INC SCE3616 CAGE NEEDLE BEARING WSC	11	191.18
R1A9-9	17444	AL206-5025 - SOLENOID ADAPTER PLATE L/H HSD	8	707.68
R1B1-1	63897	230-0616 - SPROCKET 80BTL23H 2517 X 1-7/16	4	569.40
R1B1-10	18154	D80B 17H - SPROCKET DBL 80 B 17 TEETH 1-15/16" DIA	10	892.00
R1B1-2	16319	80 BS 13 HT - SPROCKET 80 BS 13 TEETH 1-15/16	6	230.40
R1B1-3	14388	50 BTB 40 2012 - SPROCKET 50 BTB 40 TEETH 2012	3	149.46
R1B1-4	10390	100A23 - SPROCKET 100 B 23 TEETH 2-3/8	8	2299.04
R1B1-5	20547	80B19H - SPROCKET 1-11/16" SKI CLAIM DRIVE KEYED ALIKE	10	839.60
R1B1-6	16533	80BTB28H - SPROCKET 80 BTB 28 TEETH 2517	1	60.00

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R1B1-7	19090	100B 17 1-11/16 - SPROCKET 100 RC 17 TEETH 1-11/16	2	257.24
R1B1-8	19091	100B17 1-7/16 - SPROCKET 100 B 17 TEETH 1-7/16	1	105.91
R1B1-9	19574	60 20 TLF 2012 - SPROCKET 60 TLF 20 TEETH 2012	1	38.91
R1B10-1	10640	BUSHING TAPER LOCK 2012 1-11/16 KEYWAY	7	91.00
R1B10-1	10654	BUSHING TAPER LOCK 1610 1-1/4 KEYWAY	16	104.00
R1B10-1	64070	11883-01442 - MOBIL SHC634 OIL	15	4104.75
R1B10-10	15508	ROTUNDA LH CURTAIN ASSEMBLY	4	2600.00
R1B10-2	10746	120407 - BUSHING QD SDS 1-11/16	1	8.00
R1B10-2	21345	SH X 7/8 - BUSHING QD SH 7/8" (DODGE 120351)	1	12.30
R1B10-2	21487	TB22H150 1610 - HSD DYNA SYNC PULLEY(SEE NOTES)	1	25.00
R1B10-3	10748	120428 - BUSHING QD SK 1-7/16"	38	1330.00
R1B10-4	21326	SF 1-11/16" - BUSHING QD SF 1-11/16"	14	182.00
R1B10-5	10105	SH 1-1/4" - BUSHING QD SH 1-1/4"	2	30.00
R1B10-5	12179	203TB111 - REDUCER BUSHING TAPER LOCK 203TB111 1-11/16	2	46.00
R1B10-5	14566	505-0585-184 - BUSHING QD SF 1-15/16	1	15.43
R1B10-6	17494	224-0125 - BUSHING BRONZE 6700 MU	11	18.04
R1B10-6	22685	108-0555-001 - SKI CLAIM SPACER 1-11/16" X .722" LG	6	66.00
R1B10-6	22686	108-0555-002 - SKI CLAIM SPACER 1-11/16" X 1.475" LG	6	148.50
R1B10-7	14998	562-0005-385 - ODDSIZE SOLENOID	2	207.00
R1B10-9	15507	ROTUNDA RH CURTAIN ASSEMBLY	2	1300.00
R1B2-1	10232	080415-0017 - RING RETAINER 3/8IN FOR DOOR LIMIT	9	4.95
R1B2-1	10461	107880-0004 - WORM LIMIT SWITCH CLAIM DOORS	14	210.00
R1B2-1	11087	15-48B18LGE - SPROCKET LIMIT SWITCH LIFT MASTER DOOR TO1&TO2	1	15.94
R1B2-1	20284	KHPFT205-16 - BEARING 3 BOLT 1" SECURITY DOORS	3	43.41
R1B2-1	20425	LIMIT CHAIN - LIMITSWITCH CHAIN FOR TO1&TO2 DOORS	1	6.08
R1B2-1	20426	LIMIT WHEEL - SWITCH LIMIT SWITCH ACTUATOR WHEEL ROLL-UP DOORS	25	250.00
R1B2-10	10797	125-2791-001 - SHAFT ODDSIZE 13/16 X 5	2	32.50
R1B2-10	12361	214-1025-101 - GUIDE WHEEL 2" FOR ODDSIZE TUB GUIDE	2	300.00
R1B2-10	12364	214-1702-101 - ARM ACTUATING LIMIT SWITCH	30	795.00
R1B2-11	12238	208-3010-101 - COLLAR ASSEMBLY DOG&PIVOT	3	22.50
R1B2-11	12362	214-1665-101 - ARM STOP W/ GUIDE WHEEL	9	589.50
R1B2-11	12363	214-1671-001 - BEARING FLANGE	12	570.00
R1B2-12	10600	114-1701-001 - ODDSIZE CONVEYOR DOG STOP SHAFT	19	2565.00
R1B2-12	12635	24634 - LANYARD CABLE BRACKET	3	111.00
R1B2-12	22301	V BAND ROLLER - PLASTIC V-GROOVE FOR ODDSIZE S5154-00700	1	77.40
R1B2-2	16672	86525-1 - END CAPS SECURITY DOORS L/H ALSO 307648-000	24	69.60
R1B2-2	16673	86525-2 - END CAP SECURITY DOORS R/H ALSO 307648-0002	27	78.30

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R1B2-2	63987	086234-1 - END CAPS SECURITY DOORS L/H	21	102.90
R1B2-2	63988	086234-2 - END CAPS SECURITY DOORS R/H	18	88.20
R1B2-3	10222	110135.0014 - COIL 480V FOR SECURITY DOOR	1	68.09
R1B2-3	11088	15-48B9AXX - SPROCKET 35 B 18 TEETH 1" KEY	1	6.43
R1B2-3	14017	44WB3EAJX485 - FURNAS CONTACTOR TO3 SECURITY DOORS	1	143.75
R1B2-3	19027	110135.0011 - COIL 115V FOR SECURITY DOOR	3	211.83
R1B2-4	10499	109958.0001.S - PULLEY TO3 SECURITY DOORS	2	65.82
R1B2-4	63828	SHIMS y- SHIMS .010	16	0.00
R1B2-4	63829	SHIMS y- SHIMS .015	30	0.00
R1B2-4	63830	SHIMS y- SHIMS .050	40	0.00
R1B2-5	10459	107858-0001 - BUSHING LIMIT SWITCH .38 ID CLAIM DOOR	48	98.40
R1B2-5	10462	107881-0001 - GEAR ASSY DOOR LIMIT SWITCH	1	20.65
R1B2-5	10463	107881-0002 - SHAFT FOR THE WORM GEAR SECURITY DOORS	3	81.00
R1B2-5	13170	CNTOR IT 40AMP IND/63AMP RES	7	32.76
R1B2-6	20260	K7418346 - LIMIT ARM ASS CJ TO2 DOORS	2	291.00
R1B2-7	17845	BESTRB 70247 - MOTOR AND REDUCER BEST (TSA)	2	750.00
R1B2-7	64232	110135-0014 - SOLENOID BRAKE ASSEMBLY	1	107.42
R1B2-8	12807	CHAIN #50 SNGL STRND MASTERLINK (SIEMENS)	9	5.76
R1B2-8	12808	280-5060 - CHAIN #60 SNGL STRND MASTER LINK (SIEMENS)	1	0.64
R1B2-8	15044	FOOT BRAKE FOR 5 CASTER PCA HOSE REEL	2	4.60
R1B2-8	1-90073	1-90073 - RELAY CIRCUIT BREAKER, 3AMP	2	19.00
R1B2-8	20563	ML LIMIT CHAIN - MASTER LINK FOR LIMIT CHAIN TO1&TO2	3	4.59
R1B2-8	63822	15043 - GROUND FAULT INT, 20 AMP GCFI	2	43.12
R1B2-9	10786	12466 - ORANGE DRIVER ROLLER RUBBER BAND (BEST)	42	315.00
R1B2-9	16340	12467 - CLEAR IDLER BELT (TSA) (BEST)	244	1610.40
R1B3-10	16528	80BS18 - SPROCKET 80 BS CHAIN 18 TEETH 1-15/16"	6	284.22
R1B3-11	10736	120349 - BUSHING SH X 3/4-KW	1	15.00
R1B3-11	10739	BUSHING SH X 1-1/8-KW - 120355	1	15.00
R1B3-11	13404	36H150 SK - PULLEY DYNA SYNC	2	110.00
R1B3-11	21811	TL18H150 1210 - PULLEY DYNS-DYIC 18 TEETH SAME AS TB18H150-1210	3	116.64
R1B3-12	10251	1108 X 15/16 - BUSHING TAPER LOCK 1108 X 15/16 KEYWAY	20	440.00
R1B3-12	10760	1210 3/4" KEY - BUSHING TAPER LOCK 1210 3/4" KEYED	9	135.00
R1B3-12	19351	BUSHING TAPER LOCK 2517 1-7/16 KEYWAY	7	70.00
R1B3-2	10377	60 BTL 21 TEETH 2012 - SPROCKET 60 BTL 21 TEETH 2012	12	720.00
R1B3-2	19575	60 B 20 1-3/8 - SPROCKET 60 B 20 TEETH 1-3/8"	2	50.00
R1B3-3	14500	505-0063-050(6020TBF) - COUPLING HALF 6020 TYPE F 2012 FLAT PLATES	1	41.57
R1B3-3	15354	FUSE 3AMP	2	226.88

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R1B3-3	16535	80BTL16H - SPROCKET 80 BTL 16 TEETH 2012	7	574.35
R1B3-4	15283	BEARING 1-7/16 2B FLG ASSY (DG#059888) SXR	2	55.90
R1B3-4	15284	BEARING 1-7/16 3B FLG BRKT ASSY DG# FBSXR107ABHS	1	31.02
R1B3-4	15433	CURT CAB GALV R/L W/O VIS 125 CORNELL	2	26.00
R1B3-5	14387	50 BTB 30 - SPROCKET 50 BTB 30 TEETH 2012	5	175.50
R1B3-5	15457	60BTL26 - SPROCKET 60 BTL 26 TEETH 2012	2	50.00
R1B3-5	22170	RS-25 - CHAIN #25 (CLAIM DOORS)	2	3.90
R1B3-6	10370	100492 - CHAIN 6020 COUPLING CHAIN (MAKE UP)	1	19.36
R1B3-6	15282	3 HP MOVIMOT MM22D-503-00/0/BW2/P22A/RE2A/ALA4	3	75.00
R1B3-6	15469	60SDS20H - SPROCKET 60 SDS 20 TEETH	5	186.50
R1B3-7	13718	40 P 3/4 - SPROCKET 40 B 32 TEETH 3/4"	3	68.85
R1B3-7	14389	50 BTL 24H - SPROCKET 50 BTL 24 TEETH 2012	2	0.00
R1B3-7	15472	60SH16H6 - SPROCKET 60 SH 16 TEETH	4	100.00
R1B3-7	22066	RC 50 20T - SPROCKET 50 BS 20 TEETH 2-5/8"	4	80.00
R1B3-8	10370	100492 - CHAIN 6020 COUPLING CHAIN (MAKE UP)	1	19.36
R1B3-8	15435	60BTB16H 1610 - SPROCKET 60 BTB 16 TEETH 1610	2	94.38
R1B3-8	18147	40 B 21 - SPROCKET 40 B 21 TEETH 1-1/4"	3	240.00
R1B3-8	19481	40 B32 1/2" - SPROCKET 40 B 32 TEETH 1/2"	6	90.00
R1B3-9	10066	6018X2-1/4" - COUPLING CHAIN HUB 6018 X 2-1/4" BORE	2	78.44
R1B3-9	15285	60 BTB 20 - SPROCKET 60 BTB 20 TEETH 2012	3	114.39
R1B3-9	15468	60SDS18 - SPROCKET 60 SDS 18 TEETH	1	33.10
R1B4-1	16201	7434330 - SHIM KIT INPUT ELECTRA GEAR 500 HKC REDUCER	9	346.23
R1B4-1	18427	6JEM - COUPLING QUADRA FLEX MARTIN 6JEM	9	36.00
R1B4-1	20352	L099/100NH - 100NH SPIDER W/29/32 HOLE	19	190.00
R1B4-1	40279	6EM - COUPLING QUADRA FLEX MARTIN 6EM	8	202.16
R1B4-10	10652	117158 - BUSHING TAPER LOCK 1610 3/4 KEYWAY	11	88.44
R1B4-10	10712	119215 - BUSHING TAPER LOCK 1610 3/4 INTEGRAL KEY	6	90.00
R1B4-10	12149	2012 3/4" KW - BUSHING TAPER LOCK 2012 3/4" KW	7	102.97
R1B4-10	19170	1210 1 7/16 KEY - BUSHING TAPER LOCK 1210 1 7/16	3	45.00
R1B4-10	19171	1210 3/4" KW - BUSHING TAPER LOCK 1210 3/4 03347	10	121.80
R1B4-10	19316	1610 7/8" KEY - BUSHING TAPER LOCK 1610 7/8 KEY	3	60.00
R1B4-14	18771	G815132 - BUSHING TRANSNORM LOWER GUIDE WHEEL	70	35.70
R1B4-2	12641	25 RJ - MASTER LINK TSUBAKI 25 CHAIN	8	5.44
R1B4-2	16192	7404547 - BUSHING GROMET TORQ ARM 500	4	17.40
R1B4-2	16545	80CPB345MA222 - BROWING COUPLIER FOR TICKET COUNTERS	1	144.70
R1B4-2	17293	A2040CL - MASTER LINK HEAVY FOR BAE DOORS (UST2040 CH	31	14.57
R1B4-2	18742	G-1189 - NO 25 RJ O FSET LINK FOR TSUBAKI	5	11.35

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R1B4-3	12804	280-2060 - CHAIN COUPLING CHAIN RC601818 W/MASTER LINK	13	639.73
R1B4-3	21189	LOCKING COLLARS - LOCKING COLLARS USED	81	202.50
R1B4-3	21402	SP25 - ROLLER RETURN W/RUBBER WHEEL PORTEC	7	122.50
R1B4-4	10125	AL301-0007 - CASTER 6700 MU2	2	141.20
R1B4-4	22261	UCFC 207-23 - BEARING 4-BOLT FLANGE	2	38.40
R1B4-5	10409	1019653 - CLV 490 6010 FOR EXCHANGE SICK	11	23316.70
R1B4-5	13868	41164238J - BELLOWS FOR DODGE C 262 REDUCER	3	152.85
R1B4-5	18449	FA0063 - MOTOR 1-1/8" HUB COUPLER	6	1032.72
R1B4-6	12847	2903940 - PIN FOR SOUTHWORTH RAM	1	23.91
R1B4-6	12849	2904960 - BRACKET FOR CLEVIS PIN LIFT SOUTHWORTH	1	25.92
R1B4-6	12850	2904961 - BRACKET FOR CLEVIS PIN SOUTHWORTH	3	83.07
R1B4-6	13147	MDL OUT RLY 2-CHAN 0.5A 120VAC	2	114.20
R1B4-6	15558	6315115 - ODDSIZE SCISSOR LIFT SOLENOID	22	1529.00
R1B4-6	20340	L-099 SPLINED - LOVEJOY HUB SPLINED FOR THE REDUCER INPUT	3	144.06
R1B4-6	63915	11237 - HYDRALIC HOSE FOR TO LIFTS	1	43.45
R1B4-7	18249	DX7900100122 - COLBY PIN, OPPOSING WHEEL CHANNEL WHEEL	23	1150.00
R1B4-7	18250	DX7900100124 - COLBY LARGE SPACER OPPOSING WHEEL	48	960.00
R1B4-7	18253	DXAL00024413 - COLBY SPACER SMALL FOR OPPOSING DRIVE WHEEL	48	960.00
R1B4-8	10250	TL16H150-1108 - DYNA SYNC PULLEY TL16H150-1108	20	1200.00
R1B4-9	10637	117089 - BUSHING TAPER LOCK 2012 7/8 KEYWAY	4	62.72
R1B4-9	10657	BUSHING TAPER LOCK 2012 1-7/16 KEYWAY	18	324.00
R1B4-9	10749	120432 - BUSHING QD SK 1-11/16"	2	36.80
R1B5-1	18445	FA0003 - COUPLING SLEEVE 1 1/8"	9	203.58
R1B5-1	18451	FA0532 - REDUCER NYLON COUPLER 180T	9	386.91
R1B5-1	64188	507-4907001 - SPROCKET DOUBLE 80 16 TEETH W/BORE 1-7/8	4	965.80
R1B5-1	64189	507-0608210 - COTTER PIN RC80-2 CONNECTING LINK	5	41.45
R1B5-1	64190	507-0608220 - COTTER PN RC80-2 OFFSET LINK	6	118.50
R1B5-1	64222	0504036 - WINCH ELECTRIC WITH REMOTE SA5015AC	3	1221.03
R1B5-10	22599	B106IN X 2-3/8 - LOCKING ASSY RING FITTER	21	739.20
R1B5-11	12236	208-3009-101 - DOG PIN WITH GREASE FITTING	23	1035.00
R1B5-11	12237	208-3010-001 - LOCK COLLAR FOR SKI CLAIM DOG'S	8	720.00
R1B5-11	14561	505-0542-001 - BUSHING CLAIM FOR DOGS	53	145.75
R1B5-11	18051	CONV-065 - SPRING ELASTO	30	165.00
R1B5-11	26380	26380 - SHOULDER BOLT 5/8 X 3-3/4 X1/2-13	21	152.25
R1B5-12	63800	63461-L - DRIVE COVER SUPPORT ANGLE L/H MU	2	90.00
R1B5-13	12383	219-115TB111 - BUSHING TAPER LOCK 115TB111 1-11/16"	3	75.00
R1B5-13	15342	DRIVE KT47DRE90L4/MM15D	5	275.00

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R1B5-2	18447	FA0018 - REDUCER HUB 1-1/8"COUPLING MORSE	2	348.18
R1B5-2	18450	FA0077 - MOTOR 1 3/8" HUB	3	638.91
R1B5-2	20479	M28 - GUARDIAN SLEEVE MOTOR COUPLER	8	689.12
R1B5-3	13717	40 B32 - SPROCKET 40 B 32 TEETH 1-1/4"	4	177.00
R1B5-3	18756	G100 7/8 - GERBING COUPLER	9	0.00
R1B5-3	18762	G350 1-1/8" MAG - GERBING MOTOR COUPLER RUBBER INSERT	6	34.08
R1B5-3	20338	L-099 .875 - LOVEJOY HUB .875	6	78.36
R1B5-3	22429	YAR 207-107-2F - BEARING INSERT FOR MK-154N PORTEC	8	170.88
R1B5-3	64069	LO7578- LOVEJOY COUPLER HUB L075 7/8	19	113.62
R1B5-4	18448	FA0034 - REDUCER HUB 1 3/8"	1	116.50
R1B5-5	18755	G100 3/4 - GERBING COUPLER	6	45.00
R1B5-5	18765	G500 1" MAH - GERBING MOTOR COUPLER W/RUBBER INSERT	6	166.86
R1B5-5	20349	L095 1.125 - LOVEJOY HUB L095 1.125	4	35.96
R1B5-6	18760	G300 5/8 - GERBING COUPLER	1	0.00
R1B5-6	18767	G500 1-1/4" MAK - GERBING MOTOR COUPLER W/RUBBER INSERT	1	80.00
R1B5-6	18768	G500-1-1/8" MAG - GERBING COUPLING (NO LONGER MADE)	5	125.00
R1B5-6	20351	L099 SPLINED HUB - 5524312 SPLINED COUPLING HUB 1"	6	288.12
R1B5-7	50056	6S138 - COUPLER SUREFLEX 1-3/8" BORE	2	130.00
R1B5-7	50057	6S112 - COUPLER SUREFLEX 1-1/2" BORE	5	325.00
R1B5-8	10389	10084-47 - SPRING FOR RELIEF VALVE SCISSOR LIFT	10	17.40
R1B5-8	12485	2316266 - SOUTHWORTH SCREW FOR BRAKET PIN	200	98.00
R1B5-8	12502	234048 - SOUTHWORTH WASHER FOR SCREW AND PIN	69	2.76
R1B5-8	12846	2902505 - SOUTHWORTH PIN FOR BRACKET	2	37.96
R1B5-8	13142	PWR SPPLY 115-230VAC/24VDC 10A	4	22.48
R1B5-8	15314	600347 - POWERTURN RIVET/WASHER W/OUT SCREW	70	49.00
R1B5-8	17922	NO 50 OFFLINK- CHIAN #50 OFF LINK	2	20.00
R1B5-8	28015	290-1328R - PIN LEG SOUTHWORTH LIFT	2	76.52
R1B5-9	22048	R220 - NOLU ROLLERIRM TEST FOR HSD	1	45.00
R1B6-1	16294	RLR UNIT ASSY #2 c TUNNEL 3654258.0.05	57	684.00
R1B6-1	20468	FINGER GUARD MOD 3E - CLAIM FINGER GUARD FOR SIEMENS MU IN MOD3	1261	7566.00
R1B6-10	11431	195-1022-001 - RETURN ROLLER MOUNTING BRACKET	10	120.00
R1B6-10	63801	63461-R - DRIVE COVER SUPPORT ANGLE R/H MU	2	90.00
R1B6-11	15309	600053 - RETURN WHEEL ASSY RT38 UNIV	2	142.50
R1B6-12	15566	507-63463 - CLAIM LOWER WEAR BAR FOR STEARNS MU	2	103.96
R1B6-2	22171	RS-35 - CHAIN #35	50	204.50
R1B6-3	10492	105808-0001 - LIMIT SWITCH CAM CLAIM DOORS 2 CAN ASSY	3	116.10
R1B6-3	19876	BRACKET 5-1/2 X 2 - BRACKET 5-1/2 X 2	20	100.00

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DEN Spare Parts

R1B6-3	22084	RETURN ROLLER BRACKE - MOUNTING BRACKET FOR RETURN ROLLER	47	0.00
R1B6-4	10278	FINGER GUARD O/S BETWEEN TOTES LVL 3	1	5.00
R1B6-5	10088	225-2858-101 LH - RETURN ROLLER BRACKET FOR MERGE (LEFT SIDE)	3	169.38
R1B6-5	10158	225-2858-102 RH - RETURN ROLLER BRACKET FOR MERGE (RIGHT SIDE)	8	545.36
R1B6-6	17548	ALU0000001 - DEBRIS BRUSH ASS(SIEMENS)	12	172.80
R1B6-6	18380	F0025-A - FEDERAL SIGNAL VITALITE AMBER LENS	1	4.50
R1B6-6	18381	F0025-C - FEDERAL SIGNAL VITALITE CLEAR LENS	1	4.50
R1B6-6	18382	F0025-R - FEDERAL SIGNAL VITALITE RED LENS	1	4.50
R1B6-7	12809	CHN ENDLESS LOOP 35 P X 243 W/OFFSET	15	246.30
R1B6-8	10174	BRACKET ODDSIZE LIFT FOR PHOTO EYES	7	35.00
R1B6-8	10175	BRACKET BELT TENSIONER PFLOW LIFT	3	24.00
R1B6-8	19041	99028 - COUPLING COVER MARTIN 6020COV MAKE-UP	1	41.36
R1B6-9	10481	108-0539-001 - WEAR STRIP MAKEUP UNIT	7	439.11
R1B7-1	15554	6304-0001 - WHEEL ASSEMBLY-5-3/8 STEEL ROLLER BEARING	2	432.00
R1B7-1	16118	7190-0010 - CHAIN TENSIONER AY W/ LIMIT SWITCH	2	250.00
R1B7-1	64214	CF280A - INK CARTRIDGE FOR CONTROL ROOM PRINTER	1	94.49
R1B7-2	10067	6018 X 1-11/16" - COUPLING CHAIN HUB 6018 X 1-11/16" BORE	7	549.92
R1B7-2	10597	114-1666-001 - ARM LEVER CONV STOP ODD SIZE	15	1110.00
R1B7-2	10598	114-1672-001 - PUSH PIN CONVEYOR STOP ASSY DUAL ODD SIZE	29	1896.60
R1B7-2	16297	COMPLETE RLR UNIT ASSY B - TUNNEL LOAD 8007503.1.05	4	100.00
R1B7-3	12490	2331040 - BUSHING BRASS FOR SOUTHWORTH RAM	76	372.40
R1B7-3	17296	A2901066 - WASHER MODIFIED SOUTHWORTH	15	26.25
R1B7-3	17297	A2901319 - ROLLER ASSEMBLY SOUTHWORTH	8	283.20
R1B7-3	17299	A2904841 - ODDSIZE SHAFTLOWER ROLLERSOUTHWORTH	2	21.20
R1B7-3	18600	FR228011HVDS - BEARING MILLER RETURN ROLLER BEARING RIBBER	17	313.82
R1B7-3	21136	PIN BRACKET - RAM PIN BRACKET FOR SOUTHWORTH LIFT	2	390.00
R1B7-3	63832	DOOR STOP - DOOR STOP RUBBER	2	0.00
R1B7-5	10465	107906-1 - BRAKE ARMS UNIT FOR CLAIM DOORS	2	23.44
R1B7-5	14644	507-67522 - IDLER SHAFT STEARNS MU	4	380.00
R1B7-6	10599	114-1693-002 - SPACER HUB W/O KEYWAY FOR BAE ODD SIZE WHEEL	23	2875.00
R1B7-7	12686	2562033 - VALVE SCISSOR LIFT PUMP	2	157.16
R1B7-7	14563	505-0562-007 - BUSHING FLANGE BRASS 1" DIA	13	26.00
R1B7-8	12901	2936698 - CENTER SCISSOR PIN BUSHING SOUTHWORTH TO1-2	5	122.95
R1B7-8	13141	3001217RKIT - SEAL KIT FOR SOUTHWORTH RAM	1	68.00
R1B7-8	13155	3010639 - SEAL KIT SOUTHWORTH LIFTS TO-1 & TO-2	1	67.70
R1B7-8	22554	208-0310-101 - SET COLLAR FOR SK DOG/PIVOT	26	271.96
R1B8-11	14645	507-67523 - DRIVE SHAFT STEARNS MU	4	404.00

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R1B8-5	21155	PORTEC BRNG {USED- I - BEARING INSIDE RADUIS PORTEC 1-7/16	15	705.00
R1B8-9	61289	108-0573-954 - SKRIT PANELSTRIAGHT SS SKI CLAIM	4	1200.00
R1B9-1	10547	1108 X 1 KW - BUSHING TAPER LOCK 1108 1" KW	5	75.00
R1B9-1	10655	117162 - BUSHING TAPER LOCK 1610 1-7/16 KEYWAY	21	133.56
R1B9-11	10719	119226 - BUSHING TAPER LOCK 1610 1-7/16 INTEGRAL KEY	41	205.00
R1B9-12	10631	117080 - BUSHING TAPER LOCK 1210 1-1/8 KEYWAY	22	179.74
R1B9-2	10633	117083 - BUSHING TAPER LOCK 1610 15/16 KEYWAY	19	228.00
R1B9-2	11157	117082 - BUSHING TAPER LOCK 1610 7/8 KEYWAY	8	160.00
R1B9-2	12139	BUSHING TAPER LOCK 2012 1-1/4 KEYWAY - 117166	10	140.00
R20A1-1	20996	CITY OWNED HSD PADDLE ASSY (6600 SERIES)	84	0.84
R2A1-1	64257	7100-510-00-628 - ELECTRIC STRIKE 24VDC FAIL SECURE	1	199.54
R2A1-2	64225	DX7900-10-0122 - WHEEL PIN	24	1854.00
R2A2-1	64226	DX7900-10-0123 - SMALL WHEEL SPACER	48	990.24
R2A2-1	64227	DX7900-10-0124 - LARGE WHEEL SPACER	48	990.24
R2A2-5	64196	207EC - COVER BEARING	40	422.00
R2A2-8	18242	BEARING RETAINER CAP HSD	8	126.96
R2A3-6	63819	6535-7E-001 - OILERS FOR HSD (IDA)	10	2860.00
R2A4-2	15641	6603-30-29 - BEARING HOUSING ASSEMBLY HSD	49	11723.74
R2A7-1	64200	15C922 - YELLOW VINYL TAPE	2	18.70
R2A7-2	10015	28203917 - OPTION LT FE33A ETHERNET ADAPTER (KAMAN)	1	0.00
R2A7-2	64201	3F414 - INSULATION SHEET 36X48X1/2	2	47.16
R2A7-3	20104	INSERT 229-2205 - BEARING INSERT FOR 3-BOLT FLANGE	3	178.62
R2A8-4	64209	MOUNTING FRAME MODIFICATIONS	1	200.00
R2A8-5	64210	REMOVAL OF EXISTING CLV490/OTC400 AND REPLACE WITH NEW CLV690/MSC800	3	17490.00
R2A9-1	64211	502-WINDOW - BEARING WINDOW	800	3400.00
R2A9-2	64212	502-90IRCF - 90 DEGREE CLEAR FLASHING	400	9800.00
R2A9-3	64213	502-45IRFC - 45 DEGREE CLEAR FLASHING	500	4250.00
R2B2-6	10687	118226 - SHEAVE TAPER LOCK 1610 2A6.0B6.4	4	200.00
R2B2-9	XX125	AL221-032001 BRG, PILLOW BLOCK, 45MM FOR 2EX3E - HSD11	2	0.00
R2B3-1	XX800	620.001964 - SAFTY RELAY, 24V AC/DC (SIEMENS 3TK2820-1CB30) 2EX3E	1	0.00
R2B3-2	XX810	68.0020.001-08 - MOTORIZED PULLEY, VERTICAL BELT DRIVE 2EX3E	1	0.00
R2B3-3	XX825	68.0020.00-57- TIE ROD, RH THREAD 2EX3E	1	0.00
R2B3-5	64612	280-5080 - CONNNECTING LINK RS80 COTTERED	12	33.60
R2B3-7	12731	264-0223 - BUSHING KIT COMB'N TIGEAR C262 X 1-11/16	6	440.52
R2B3-9	XX400	AL00024207 - DISCONNECT SWITCH AUX CONTACT (SIEMENS 3LD2103-OTK51) 2EX3E	1	0.00
R2B4-1	XX710	680.000128 - SELECTOR SWITCH, 2-POS, SPRING RETURN R, 30.5mm (SIEMENS	1	0.00
R2B4-1	19009	80103 - CHAIN GUIDE TEFLON FLAT	46	265.88

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R2B4-2	XX820	68.0020.000-51 - TRANSITION PLATE ROLLER 2EX3E	2	0.00
R2B4-2	19004	80037 - UHMW SINGLE BEVEL 1/4" THICK	44	198.00
R2B4-3	XX005	68.0020.001-37 SCREW KIT FOR HSD2 CRANK ARM CLAMP	4	0.00
R2B4-3	XX815	68.0020.000-24 - PADDLE NOSE ROLLER 2EX3E	1	0.00
R2B4-3	19008	80102 - CHAIN GUIDE TEFLON SINGLE GROOVED	101	768.61
R2B4-4	XX500	680.00007 - GREEN PILOT LIGHT, LED , 30.5mm (SIEMENS 52PA4D3) 2EX3E	1	0.00
R2B4-4	XX700	680.000114 - SELECTOR SWITCH, 3-POS, SPRING RETURN L-R, 30.5mm (SIEMENS	1	0.00
R2B4-4	XX705	680.000238 - SELECTOR SWITCH, 3-POS, MAINTAINED, 30.5mm (SIEMENS	1	0.00
R2B4-4	XX715	680.000115 - KEY SWITCH, 3-POS, SPRING RETURN L-R, 30.5mm (SIEMENS 52SC6CVA1)	1	0.00
R2B5-1	12116	2.A3.6.64.0 - SHEAVE TAPER LOCK 1610 2.A3.6.64.0	3	60.00
R2B5-3	15619	6603-20-01 - PADDLE ASSY REFURBED NEW W/SERPENTINE HSD	1	3532.50
R2B7-1	XX100	68.0020.001-24 Paddle Belt for 2Ex3E HSD11	2	0.00
R2B7-1	18884	20195 - BEADING REPAIR KIT 1500-100 BELT SERIES	13	45.50
R2B7-1	23001	BEADING REPAIR KIT 1500-140 BELT SERIES UAL	19	133.00
R2B7-2	12365	214-1742-101 - ODDSIZE SNUB ROLLER	12	549.00
R2B7-3	XX701	00K001P - IDLER ROLLER 39" BF 3-1/2OD	2	0.00
R2B7-5	15289	60-1 - ROLLER CHAIN RIVETED	2	110.00
R2B8-1	XX110	AL257-0147 RETURN ROLLER FOR 2EX3E-HSD11	2	0.00
R2B8-2	12235	501-208-0742-101 - SKI CLAIM DRIVE CHAIN	3	5115.00
R2B8-3	15652	6700-24 - DRIVE CHAIN ASS. CRESCOE PLATE MU 6700	2	10862.44
R2B8-4	22733	80-2RRC-M - CHAIN 80-2 RRC-M DRIVE MODIFIED	5	1770.00
R2B8-5	12220	207-0473-101 - CHAIN DRIVE (LINKED) CAROUSEL	2	500.00
R2B8-6	16317	80 - CLAIM UNIT DRIVE CHAIN WITH 1/2 AND MASTER LINKS	1	11.25
R2B8-7	17499	6700-13 - CHAIN TO MAKE A DRIVE CHAIN	2	2146.34
R2B8-9	17909	C-2040 - TSUBAKI ROLLER CHAIN	4	146.40
R2B9-10	63827	PORTEC CHAIN - CHAIN PORTEC RIVETED	3	135.00
R2B9-2	12802	280-1050 - CHAIN #50 SNGL STRND RIV	2	4.30
R2B9-3	22178	RS50 CHAIN - CHAIN #50 10 FT	2	172.00
R2B9-4	15467	BDB BD5009 36 WIDE CLIPPER LACED 70 FT LONG	4	80.00
R2B9-6	22174	RS-60 RIV - CHAIN ROLLER #60	95	1045.00
R2B9-7	22173	RS-50 RIV - CHAIN #50	7	32.41
R2B9-8	12492	2331K323 - CHAIN #60 DOUBLE	93	697.50
R2B9-9	22172	CHAIN DOOR	2	22.00
R3A1-1	61282	6780-04 - WIDE FLANGE BEAMS UAL MU	4	200.00
R3A1-10	10150	9467-05-39-387 - BELT QUEUE 38.5W 98.75 BED 200.5LG	1	275.00
R3A1-11	17102	9467-05-39-251 - BELT QUEUE 62.75" BED 128.5" LG	1	210.17
R3A1-2	17435	AL20000000 - REFLECTOR &SS HOUSING TOMSTONE TYPE	8	1000.00

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R3A1-3	17436	AL00004991 - BRACKET REFLECTORFOR 3RX7922 2'	1	135.00
R3A1-4	22254	UAL QB 50.5X87.063 - UAL O/S BELT QUEUE 50.5"WD 87-1/16"LG	1	250.00
R3A1-5	22255	UAL QB 60.5X123 - UAL O/S BELT QUEUE 60.5"WD 123"LG	1	250.00
R3A1-6	22251	UAL QB 49X252 - UAL O/S BELT QUEUE 49"WD 124.5"BED 252"LG	1	345.00
R3A1-7	22256	UAL QD 50.5X211 - UAL O/S BELT QUEUE 50.5"WD 211"LG	1	288.00
R3A1-8	10202	UAL OS QUEUE BELT 48W 54.5BED 112LG	1	200.00
R3A1-8	18088	CS4-132-120 - LIGHT FIXTURE 4 FT 120VAC	3	64.29
R3A1-9	10203	9467-05-51-240 - BELT QUEUE UAL OS 49W 60BED 123LG	1	250.00
R3A10-1	13137	300-0401 - WHEELS STEARNS BAGGAGE CLAIM MU YELLOW	39	661.05
R3A10-14	63847	340-UX1SP40 - LACING CLIPPER UX1S40 430 STAINLESS UNIBAR 40"	10	217.50
R3A10-15	63848	U2S12-40 430 - LACING CLIPPER U2S12-40 430 STAINLESS UNIBAR 40"	10	222.50
R3A10-2	15625	6603-20-17 - SHAFT MAIN DRIVE HSD	24	1712.40
R3A10-2	64197	340-13022-1 - CLIPPER LACING UNIBAR 430SS #2	4	307.80
R3A10-3	15626	6603-20-18 - SENSOR SMNS HSD SPROCKET MACHINED	76	4699.08
R3A10-3	15630	6603-20-25 - WELDMENT TIE ROD CAM & SPROCKET HSD	6	1567.68
R3A10-4	15666	67449 - CLAIM BUMPER INSERT	67	704.17
R3A10-5	63931	IDA-12B CLUTCH LEFT HAND	1	4452.00
R3A10-8	21266	SANTOTRAC OIL - IDA SYN OIL SANTOTRAC 50 TRACTION LUBICANT	12	1440.00
R3A11-1	21295	SD02V02 - MOTOR CONNECTOR	1	25.00
R3A11-10	22661	ENCODER - RSB-P64AJ/8-30 - 7102804	3	315.00
R3A11-11	17034	924 01072 249 - BEI SHAFT ENCODER	4	1984.40
R3A11-12	15527	IGBT LAMINATE BUSS REV. H, A12 BOARD PCB ASSEMBLY	40	2038.80
R3A11-12	22283	UPS - POWER SUPPLY BACKUP APC UPS	1	1095.00
R3A11-2	64011	26A7H18_TIGEAR-2 REDUCER	2	3476.18
R3A11-3	11300	1786-TPS - CABLE TAP	3	22.74
R3A11-4	17956	C362N40 - SWITCH CUTLER/HAMMER NON FUSIBLE SWITCH 600	2	79.02
R3A11-4	21465	T60030-3CR - FUSE HOLDER TRIPLE POLE 30A 600V	2	77.30
R3A11-5	10406	1018672 - CODE READER CLV 4906010 SICK REPAIR	13	23465.00
R3A11-5	18343	EH-1279-000 - 5 VOLT POWER SUPPLY	1	35.00
R3A11-6	19621	6SE6420-2UD23-0BA1 - VFD MICROMASTER 420 AL00021369	2	3177.76
R3A11-8	15358	POWER SUPPLY 24VDC 10A 1PH 240W PR FACTOR CORRECT - 6020875	2	796.00
R3A11-9	10112	SL10.105 - POWER SUPPLY ATR STATION SICK	1	339.00
R3A12-1	18272	E0090L - BEARING SUPPORT OUTSIDE LEFT	1	105.00
R3A12-1	18309	E4938R124.4 - BEARING ADJUST BRACKET RIGHT INSIDE FLAT	1	105.00
R3A12-1	18329	E4938L124.2 - BEARING ADJ BRKT LT INSIDE HELIX	1	105.00
R3A12-11	N44401-06590	UX1 S/S CLIPPER - LACING CLIPPER STAINLESS UNIBAR 36"	49	0.00
R3A12-11	18467	FC207 - BEARING TRANSNORM OUTSIDE RADIUS HOUSING	9	315.00

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R3A12-15	20705	NCS065-C - LACING PIN STRANDED #1 WO/L	10	30.00
R3A12-16	63833	END HOLDER GRAY - HOLDER END CAP PLASTIC GRAY	7	0.00
R3A12-2	18299	E4938L122.7 - BEARING SUPPORT LEFT INSIDE HELIX	1	105.00
R3A12-2	18303	E4938L124.4 - BEARING ADJ BRKT LT INSIDE HELIX	1	105.00
R3A12-2	18308	E4938R124.0 - BEARING ADJUST BRKT RIGHT INSIDE HELIX	1	105.00
R3A12-2	18320	E6844R120.7 - BEARING SUPPORT RIGHT HELIX	1	105.00
R3A12-2	18324	E7438L119.3 - BEARING SUPPORT LEFT FLAT	1	105.00
R3A12-2	18326	E7438R119.3 - TRANSNORM BEARING SUPPORT RIGHT FLAT INSIDE	1	105.00
R3A12-2	18856	18427 - U2SS12 LACING CLIPPER NO.2 STAINLESS UNIBAR 12IN	91	273.00
R3A12-2	21425	SS36 - 316 SS UNIBAR	4	4.80
R3A12-3	10194	BLOCK TENSIONER TRANSNORM BOTTOM	7	70.00
R3A12-3	18298	E4938L122.1 - BEARING SUPPORT LEFT INSIDE FLAT	1	105.00
R3A12-3	18301	E4938L123.6 - BEARING SUPPORT LEFT INSIDE HELIX	1	105.00
R3A12-3	18302	E4938L124.0 - BEARING ADJ BRKT LT INSIDE HELIX	1	105.00
R3A12-3	18304	E4938R122.1 - BEARING SUPPORT RIGHT INSIDE HELIX	1	105.00
R3A12-3	18306	E4938R123.6 - BEARING SUPPORT RIGHT INSIDE HELIX	1	105.00
R3A12-3	22264	UCM36 - LACING CLIPPER STAINLESS 36IN	67	26.80
R3A12-3	22278	UMC36SS12 - LACING CLIPPER UNIBAR STAINLESS 12IN	57	68.40
R3A12-4	N44401-06591	U2SP S/S CLIPPER - LACING CLIPPER NO.2 STAINLESS UNIBAR 36"	3	30.75
R3A12-4	18305	E4938R122.7 - BEARING SUPPORT RIGHT INSIDE HELIX	1	105.00
R3A12-4	18307	E4938R122.9 - BEARING SUPPORT RIGHT INSIDE HELIX	1	105.00
R3A12-4	18316	E6838R120.0 - BEARING SUPPORT RIGHT HELIX	1	105.00
R3A12-4	18317	E6838R120.3 - TRANSNORM BEARING SUPPORT RIGHT FLAT OUTSIDE	1	105.00
R3A12-4	18321	E6844R121.9 - BEARING SUPPOORT RIGHT FLAT	1	105.00
R3A12-4	18325	E7438R117.8 - BEARING SUPPORT RIGHT HELIX	1	105.00
R3A12-5	18300	E4938L122.9 - BEARING SUPPORT LEFT INSIDE HELIX	1	105.00
R3A12-5	18314	E6838L120.0 - BEARING SUPPORT LEFT HELIX	1	105.00
R3A12-5	18315	E6838L120.3 - BEARING SUPPORT LEFT FLAT	1	105.00
R3A12-5	18319	E6844L121.9 - BEARING SUPPORT LEFT FLAT	1	105.00
R3A12-5	18323	E7438L117.8 - BEARING SUPPORT LEFT HELIX	1	105.00
R3A12-5	41347	Z BRACKET INERMEDIATE FOR PE & REFL ASSY'S	4	8.00
R3A12-6	10193	BLOCK TENSIONER TRANSNORM TOP	9	90.00
R3A12-6	18969	5024 - LACING PIN .093 NO.2 CABLE W/LEADER	124	119.04
R3A12-7	12163	2025-L - BRACKET SHORTY MERGE REFLECTOR	7	266.84
R3A12-7	13256	340-11008 - LACING PIN .065 NYLON CABLE W/LEADER	8	8.00
R3A12-8	18328	E4938R124.2 - BEARING ADJ BRKTRH INSIDE HELIX	9	945.00
R3A12-9	14078	45863 - BEARING TRANSNORM TAKE-UP MOUNT FOR HB 207	7	315.00

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R3A12-9	18273	E0090R - BEARING SUPPORT OUTSIDE RIGHT	2	210.00
R3A13-1	16702	888047 - K10/H1 GLUE SIEMENS MERGE BELTS PANG	8	249.76
R3A13-1	64156	0401898 - GEAR OIL 80W90	55	604.45
R3A13-11	63974	HOLDER LOWER END CAP PLASTIC GRAY	1	35.00
R3A13-2	18318	E6844L120.7 - BEARING SUPPORT LEFT HELIX	1	105.00
R3A13-2	19426	900195 MERGE BELT FELT GLUED PREPARED FOR OVERLAP SPLICE	19	5848.96
R3A13-2	20449	E8/2UO/V15 LG-FR 49W - BELTING 49W LG GROOVE FOR UAL ODDSIZE	44	620.84
R3A13-3	19425	900195 - MERGE BELT FELT LACED STAINLESS	1	863.63
R3A13-4	64086	907190 - E 12/2 U0/V6 GSTR-C-SE BLAC907190 - E 12/2 U0/V6 GSTR-C-SE BLACK TXGD1	2	403.16
R3A13-5	19679	907190 - E12/2 U0/V6 GSTR-C-SE BLACK TXGD1 (GLUED MERGE RUBBER)	5	1543.95
R3A13-6	15634	ROD CONNECTING HSD - 6603-30-05	15	2107.05
R3A13-7	12164	2025-R - BRACKET SHORTY MERGE RIGHT	5	190.65
R3A13-7	16090	SWITCH-N.O. TEMP CONTROL MCP THERMOSTAT	3	121.50
R3A14-1	20740	P/NG815141 - HOLDER UPPER GREY PLASTIC ASSY 020001	7	245.00
R3A14-3	17298	A2904840 - ODDSIZE SHAFTUPPER ROLLER SOUTHWORTH	2	46.20
R3A14-3	40282	EGDF30C18E 180T - BELL HOUSING (180T)	6	2441.16
R3A14-4	10294	1-15/16 SHAFT - SHAFT DRIVE USED ON CLAIM UNIT STEARNS #67522 MU	2	35.16
R3A14-5	12360	214-0649-101 - ODD SIZE LIFT WHEELS BAE DRIVE	8	1000.00
R3A14-5	20743	G815142 - RBT HOLDER LOWER GREY PLASTIC ASSY 020002 RBT	2	6.48
R3A14-6	18770	G815131 - BUSHING TRANSNORM UPPER GUIDE WHEEL	113	141.25
R3A14-6	22700	20122 - TRANSNORM PINCH ROLLER (020122)	1	425.00
R3A14-8	13245	STABILIZER JACK 20.5 STROKE	3	315.00
R3A15-1	64194	B4938S9690FC/100 - BELT TRANSNORM 90 DEG FLAT BELT SERVICE	1	1906.25
R3A15-2	11174	168-87.063 - BELT QUEUE 42"BED 87"LG	119	11395.44
R3A15-4	20928	P49387IO/100 - PULLEY DRIVE TRANSNORM 4938 (IN/OUT MOUNT)	13	9204.00
R3A15-5	10061	VM3558T/UM180 C/B COMBO - VM3558T/UM180 C/B COMBO	4	3592.20
R3A15-5	64195	TPB10038DD216 - PULLEY DRIVE 4938 TRANSNORM (IN/OUT MOUNT) (HABASIT)	1	697.00
R3A16-1	11712	VEBM3615T - MOTOR 5HP,1750RPM,3PH,60HZ,184TC,3642M,TEFC,FL	10	13232.90
R3A16-1	64199	B4938S96G45FC - BELT TRANSNORM 45 DEG FLAT	3	2850.00
R3A16-2	20741	P/NG815142 - HOLDER LOWER GREY PLASTIC ASSY 020002	12	420.00
R3A16-2	63975	6535-01-014 - RBT IDA-12B CLUTCH LEFT HAND RBT	2	2226.00
R3A16-3	20742	G815141 - RBT HOLDER UPPER GREY PLASTIC ASSY 020001 RBT	49	158.76
R3A16-8	19009	80103 - CHAIN GUIDE TEFLON FLAT	46	265.88
R3A17-1	10218	10 AWG BLAC K - 10 AWG WIRE BLACK	200	30.00
R3A17-1	11498	1DLA9 - 3/16" WIRE ROPE VNYL COATED 250' 1/4 OD	30	17.10
R3A17-1	11499	1DLC1 - WIRE ROPE 50' FOR FIS 3E	5	5.45
R3A17-3	19732	B4938S9630FC/100 - BELT TRANSNORM 30 DEG FLAT	6	6547.20

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R3A17-4	12692	RETURN ROLLER GS 29-3/4 X 1 TRANSITION PLA	47	911.80
R3A18-1	19308	180C350T015S1A - REDUCER TIGEAR 15:1 C350	1	3295.85
R3A2-1	17104	9467-05-39-257 - BELT QUEUE 64.25" BED 131.5" LG	4	1001.40
R3A2-11	21967	TORQUE ARM BRACKET - TURNBUCKLE MOUNTING BRACKETS	16	0.00
R3A2-2	17108	9467-05-39-277 - BELT QUEUE 69.25" BED 141.5" LG	3	1149.00
R3A2-3	22250	UAL QB 38.5X243 - UAL REG BELT QUEUE 38.5"WD 243"LG	1	250.00
R3A2-5	19666	9467-05-39-380(ELS) - BELT QUEUE 94.5" BED 192" LG	2	566.70
R3A2-6	17105	9467-05-39-259 - BELT QUEUE 64.75" BED 132.5" LG	2	278.88
R3A2-7	14063	454-0010 - WASHER LOCK 1/2"	24	0.72
R3A2-7	17113	9467-05-39-295 - BELT QUEUE 73.75" BED 150.5" LG	1	250.00
R3A2-8	21966	TORQUE ARM - TORQUE ARM PARTS(TURN BUCKLE)	18	0.00
R3A3-1	17117	9467-05-39-328 - BELT QUEUE 82" BED 167" LG	1	458.32
R3A3-2	17130	9467-ELS-308 - BELT QUEUE 77" BED 157" LG	1	249.77
R3A3-4	17115	9467-05-39-310 - BELT QUEUE 77.5"BED 158" LG	1	451.90
R3A3-5	17116	9467-05-39-321 - BELT QUEUE 80.25" BED 163.5" LG	4	932.92
R3A3-6	17121	9467-05-39-336 - BELT QUEUE 84"BED 171"LG	1	259.52
R3A3-7	17125	9467-05-39-386 - BELT QUEUE 96.5" BED 196" LG	1	343.00
R3A3-7	17129	9467-ELS-296 - BELT QUEUE 74"BED 151"LG	1	195.34
R3A3-8	17097	9467-05-39-233 - BELT QUEUE 58.25" BED 119.5" LG	2	460.00
R3A4-1	13839	40GSA-1.43B - REDUCER 15:1 MORSE	1	1000.00
R3A4-1	17131	9467-ELS-390 - BELT QUEUE 120" BED 243" LG	1	335.00
R3A4-2	17124	9467-05-39-384 - BELT QUEUE 96" BED 195" LG	3	1535.37
R3A4-3	17111	9467-05-39-285 - BELT QUEUE 71.25" BED 145.50" LG	1	350.75
R3A4-4	17120	9467-05-39-334 - BELT QUEUE 83.50" BED 170" LG	1	306.25
R3A4-5	17095	9467-05-39-212 - BELT QUEUE 53"BED 109"LG	1	225.00
R3A4-6	17099	9467-05-39-235 - BELT QUEUE 58.75" BED 120.5" LG	1	225.00
R3A4-7	17096	9467-05-39-223 - BELT QUEUE 55.75"BED 116.5"LG	3	586.14
R3A5-7	64171	NVT-581 - 36" X 144.5" PREP O/L - MERGE BELT W/O LACING	2	357.30
R3A5-7	64192	AA105 - PLASTO PANG	20	779.20
R3A5-7	64193	AA106 - PLASTO PANG HARDENER	30	132.90
R3A5-8	64172	NVT-581 - 36" X 144.5" PREP O/L - MERGE BELT LACED	48	10130.40
R3A6-1	20120	J1-2000-183 - BRACKET FOR MICS RECEPTACLE	9	985.50
R3A6-10	63902	216-207BU107 - BUSHING KIT REDUCER 35GSA	2	358.00
R3A6-10	63903	216-375HTAK - TORQUE ARM KIT REDUCER 35GSA	2	168.50
R3A6-13	21288	SCISSOR LIFT - SOUTHWORTH SCISSOR LIFT	2	900.00
R3A6-2	10403	MCS5800-0000 CONTROLLER - 1017866	3	5460.00
R3A6-2	63863	0140241 - TURBOKRETE CONCRETE SAVER	4	526.56

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R3A6-4	19615	6EP 1333-2AA00 - POWER SUPPLY SITOP 5 AMP @ 24VDC 120V/230VAC	6	1049.64
R3A6-7	10111	HYDRAULIC HOSE 300 PSI	11	22.00
R3A6-7	10304	0223-02639 - KIT REDUCER HUB CITY (210)	10	495.00
R3A6-7	63976	6535-01-014 - RBT IDA-12B CLUTCH RIGHT HAND RBT	1	1113.00
R3A6-8	10113	NOZZEL ASSY POTABLE WATER	2	148.28
R3A6-9	11051	1494V-100 - DISCONNECT 100A	1	615.00
R3A6-9	14295	4X088 - REMOTE CONTROL SWITCH	1	58.18
R3A7-1	11865	6SE64202UD240BA1 - VFD MICROMASTER 420VFD 4HP 460VAC	2	2009.20
R3A7-3	11867	6SE6440-2UD25-5CA1 - VFD MICROMASTER 4 HP 480VAC	5	8253.30
R3A7-4	17383	AFLR10 - FILTERS HOFFMAN	8	52.72
R3A7-6	21139	PIVOT HSD - HSD PIVOT FOR COIL HSD	15	1485.00
R3A7-7	10034	REBUILT - RBT VFD MICROMASTER 440 VFD 4HP 480 VAC	1	507.74
R3A7-7	11473	1CE20 - BOLT SHOULDER 5/8 X 11 X 2-1/2 HSD SPROCKET	19	194.56
R3A7-7	15628	STANCHION HSD	45	337.50
R3A7-9	15646	KIT IDLER TENSION UNIVERSAL P2B - DX6603-30-38	14	2685.06
R3A8-10	17461	AL257-9102 - FULL LENGTH PINCH ROLLER SIEMENS MERGES	12	3245.40
R3A8-10	63835	AL206-5027 - SPACER HSD 807-0-0016	6	709.56
R3A8-11	64002	RBT KIT FOR HUB CITY REDUCER	1	20.76
R3A8-2	14626	507-0400560 - BUSHING BRASS FOR CAM FOLLOWER MU	700	1540.00
R3A8-4	12787	275-00136 - SOLENOID AC COIL KIT LH DELTRAN	6	5388.00
R3A8-5	20597	MTALH-0000-039 - ROLLER NOSE MICRO-V	6	1071.00
R3A9-1	12216	207-0338-107 - ROLLER 2.5 X 3.25 CARRIER FLAT PLATE BLACK	5	95.70
R3A9-1	40307	RBT R/H HUB CITY REDUCER 5:1	1	12.00
R3A9-1	67086	UM100SC-B - MERGE FELT BELT NOVO NOT LACED HABASIT	2	391.02
R3A9-11	64168	1136214 - NUT HEX JAM 5/8-11 FOR ROD CONNECTING HSD	12	2.40
R3A9-11	64169	1136266 - NUT HEX JAM 3/4-16 FOR ROD CENNECTING HSD	40	8.00
R3A9-2	12215	207-0338-104 - WHEEL 4 X 1.375 GUIDE FLAT PLATE ORANGE	70	945.00
R3A9-2	15660	67283-6 - CLAIM BUMPER STRIPS FOR MU 6' LENGTH	4	1130.80
R3A9-3	18015	CF2SB - CAM FOLLOWER 1/2 IN FLAT MU	95	3847.50
R3A9-4	63934	SANTRAC 50 IDA OIL	2	202.88
R3A9-5	18113	CV52D104 - DRIVE BELT FOR MAKEUP UNIT COLBY MU	2	1199.44
R3A9-6	18852	1179 - LACING CLIPPER NO.1 UNIBAR STAINLESS 12IN	114	342.00
R3A9-6	64161	0602099 - BRUSHES 3" WOODEN HANDLE MERGE	32	56.00
R4A1-1	20542	MICS STATION - MICS TO CONTROL BHS	25	6250.00
R4A1-2	11027	1492-SM6X12 - LABELING PLATES SNAP IN MARKER CARDS	220	8.80
R4A1-3	11231	PLC CONTROL LOGIX CHASSIS 17 SLOT	1	60.89
R4A1-4	11028	1492-SM8X12 - LABELING PLATES SNAP IN CARS 8MM	130	504.40

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R4A1-5	10260	7123026 - MONITOR ATR SICK GRAPHICS UNIT INTERFACE	3	0.00
R4A1-5	11122	1585A - ETHERNET CABLE -CAT 5E ITEM # 323	600	996.00
R4A1-6	40615	TRANSFORMER STANDARD UNIT ENCAPSULATED 1-PHASE	1	200.00
R4A1-8	14103	472924 - OIL SEAL	22	170.06
R4A1-8	14108	OIL SEAL 334278	15	102.90
R4A1-8	63842	CR32395 - OIL SEAL	18	167.22
R4A10-1	19950	GV1-M07 - OVERLOAD	16	616.00
R4A10-1	20397	LC1D1810G6 - CONTACTOR 18A 3POLE 120VAC W/1NO AUXILIARY	9	123.75
R4A10-1	20401	LC1DO910G6 - CONTACTOR 9A 120VAC 3-POLE IEC	4	152.00
R4A10-10	22638	889R-F3AEA-5 - CORDSET AC MICRO STRAIGHT 3PIN 5M (16.4FT) YELLOW	4	92.00
R4A10-11	16764	TERMINAL BASE ELEMENT	7	117.60
R4A10-2	13605	4 POLE 4NC AUX CONTACT BLOCK	79	688.88
R4A10-2	15857	6X139 - METER HOUR (SIEMENS)	1	0.00
R4A10-3	13594	3RA1921-1BAOO - MODULES LINK FOR ELEC & MACH CONNECTING	50	233.00
R4A10-4	16439	ABZ855TB10DN5 - CONTROL TOWER LIGHT STACK (3E)	3	0.00
R4A10-4	16768	8WD4420-0CD - STROBE LIGHT AMBER SIEMENS	1	75.21
R4A10-6	16760	8WD4340-0CD - STROBE LIGHT MODULE AMBER BULB (SIEMENS#ALO	1	91.71
R4A10-6	16770	8WD4420-0CE - STROBE LIGHT CLEAR	17	1165.18
R4A10-7	16789	8WD4340-0CE STROBE LIGHT 115V AC - CLEAR	2	0.00
R4A10-7	16790	8WD4440-0CE CLEAR	6	0.00
R4A10-8	16762	8WD4340-00FA - BUZZER ELEMENT	3	243.33
R4A10-8	17506	AL8WD4308-0AB - TERMINAL ELEMENT	1	10.92
R4A10-9	13987	42SRP-6004-QD - PHOTOELECTRIC DIFFUSE MOD 3	3	742.23
R4A10-9	14816	HIDRASA - ELECT. LED CON	6	150.00
R4A10-9	16728	CABLE CORD SET YELLOW 3-PIN MINI R/ANGLE HSD PR	4	54.24
R4A10-9	16738	889R-F4AEA-2 - CABLE AC MICRO QD CORDSET 4 PIN 6FT(SIEMENS	4	0.00
R4A11-1	11280	1771-A4B - PLC 12 SLOT I/O CHASSIS	2	1068.00
R4A11-2	11279	1771-A3B - PLC 12 SLOT I/O CHASSIS	1	385.52
R4A11-3	11278	1771-A2B - PLC 12 SLOT I/O CHASSIS	2	560.16
R4A11-4	11060	1494V-DRL644 - FUSEABLE DISCONNECT SWITCH	1	827.40
R4A11-5	11277	1771-A1B - PLC 12 SLOT I/O CHASSIS	1	250.00
R4A11-6	11294	1785-L40B - PLC 5/40 PROCESSOR MODULE	4	27416.40
R4A12-1	14309	LPS-RK-60SP - FUSE 60A LOW PEAK TIME DELAY LPS-RK	128	879.36
R4A12-10	18544	FLS-R-4 - FUSE 4A 600VAC TIME DELAY (SAME AS FRS-R-4)	7	3.43
R4A12-10	18545	FLS-R-4 1/2 - FUSE 4-1/2A 600VAC TIME DELAY (SAME AS FRS-R-4-1	4	2.24
R4A12-10	18682	FRS-R-15 - FUSE 15A 600VAC TIME DELAY DUAL ELEMENT	9	3.96
R4A12-10	18702	FRS-R-40 - FUSE 40A 600VAC TIME DELAY	4	3.04

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R4A12-10	18712	FRS-R-7 - FUSE 7A 600V TIME DELAY DUAL ELEMENT	10	100.50
R4A12-10	21238	LPS-RK-40SP - FUSE 40A LOW PEAK TIME DELAY LPS-RK	6	30.00
R4A12-2	21205	FUSE 100A 600VAC LOW PEAK TIME DELAY - LPJ-100SP	41	514.96
R4A12-2	21208	FUSE 125A 600VAC LOW PEAK TIME DELAY - LPJ-125SP	5	254.85
R4A12-2	21228	FUSE 80A 600VAC LOW PEAK TIME DELAY	8	190.08
R4A12-2	21229	LPJ-90SP - FUSE 90A 600VAC LOW PEAK TIME DELAY	3	71.28
R4A12-3	12114	FUSE 175A 600VAC LOW PEAK TIME DELAY - LPJ-175SP	6	48.00
R4A12-3	63807	FUSE 110A 600V - FUSE 110A 600V TIME DELAY	5	75.00
R4A12-3	63808	LPJ-150SP - FUSE 150A 600VAC LOW PEAK TIME DELAY	12	148.20
R4A12-4	21215	LPJ-200SP - FUSE 200A 600VAC LOW PEAK TIME DELAY	8	64.00
R4A12-4	63806	LPJ-RK-175-SP - FUSE 175A 600VAC LOW PEAK TIME DELAY	9	162.00
R4A12-4	63821	TRS90R - FUSR 90 AMPS 600VAC	18	0.00
R4A12-5	14310	LPS-RK-70 - FUSE 70A LOW PEAK TIME DELAY LPS-RK	6	51.30
R4A12-5	15794	6F331 - FUSE 250A TIME DELAY LPS-RK-250	3	44.25
R4A12-6	15788	LPS-RK-80 - FUSE 80A LOW PEAK TIME DELAY LPS-RK	4	42.00
R4A12-6	21207	FUSE 110A 600VAC LOW PEAK TIME DELAY	13	662.61
R4A12-6	21211	FUSE 150A 600VAC LOW PEAK TIME DELAY - LPJ-150SP	3	77.55
R4A12-7	18678	FRS-R-1 - FUSE 600VAC CLASS RK5	10	0.00
R4A12-7	18696	FRS-R-30 - FUSE 30A 600VAC TIME DELAY	1	35.00
R4A12-7	21226	FUSE 70A 600VAC LOW PEAK TIME DELAY - LPJ-70SP	6	194.52
R4A12-7	21239	LPS-RK-45SP - FUSE 45A LOW PEAK TIME DELAY LPS-RK	8	38.00
R4A12-8	14312	LPS-RK-200 - FUSE 200A LOW PEAK TIME DELAY LPS-RK	10	120.00
R4A12-9	18539	FLS-R-2 1/4 - FUSE 2.25A 600VAC TIME DELAY	6	31.80
R4A12-9	18635	FRS-R-2-1/2 - FUSE 2-1/2A 600VAC TIME DELAY DUAL ELEMENT	2	3.00
R4A12-9	18677	FUSE 10A 600VAC TIME DELAY DUAL ELEMENT	57	144.21
R4A12-9	18685	FRS-R-2 - FUSE 2A 600VAC TIME DELAY DUAL ELEMENT	6	90.06
R4A12-9	18688	FRS-R-20 - FUSE 20A 600VAC TIME DELAY DUAL ELEMENT	16	132.96
R4A12-9	18710	FRS-R-6-1/4 - FUSE 6-1/4A 600VAC TIME DELAY	33	16.17
R4A13--1	18699	FRS-R-4 - FUSE 4A 600VAC TIME DELAY DUAL ELEMENT	5	42.45
R4A13-1	18556	FLSR 3-2/10 - FUSE 3.2AMP 600V TIME DELAY DUAL ELEMENT	10	43.10
R4A13-1	18680	FRS-R-12 - FUSE 12A 600VAC TIME DELAY DUAL ELEMENT	4	1.96
R4A13-1	18705	FRS-R-5 - FUSE 5A 600VAC TIME DELAY DUAL ELEMENT	21	57.33
R4A13-1	18709	FRS-R-6 - FUSE 6A 600VAC TIME DELAY DUAL ELEMENT	15	48.75
R4A13-1	21236	LPS-RK-30SP - FUSE 30A LOW PEAK TIME DELAY LPS-RK	10	88.20
R4A13-10	10209	3AG 2-1/2AMP - FUSE 2.5A 250V	5	1.50
R4A13-10	12650	250V 2 AMP - FUSE 250V SLO-BLO 2 AMP MDL-2	24	154.08
R4A13-10	13513	3AG 3 AMP - FUSE 250V	33	9.90

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R4A13-10	17360	ABC-20 - FUSE 20A 250V FAST ACTING CERAMIC	7	7.00
R4A13-10	18779	GBB10 - FUSE 10A 250 VAC SLOW BLOW GLASS/CERAMIC	15	28.95
R4A13-10	22232	S505-3.15A - FUSE 3.15A 250VAC TIME DELAY CERAMIC MINI	37	144.30
R4A13-11	21167	ps1230 12v-3.2 AH UP - 12 V-3.2AH BATTERY UPS MCP	16	492.64
R4A13-12	10466	AB PLC CONTROL WITH EXPANSION WITH PROGRAM (New door)	1	0.00
R4A13-13	11835	AB 4983-PF120-055 A 120 VAC	3	0.00
R4A13-2	17337	A6T3 AMP - FUSE 600V GOULD	26	52.00
R4A13-2	18622	FRN-R-4 - FUSE 4A 250VAC TIME DELAY DUAL ELEMENT	14	44.24
R4A13-2	18665	FRS R-8 - FUSE 8A 600VAC TIME DELAY	10	88.00
R4A13-2	18693	FRS-R-3 - FUSE 3A 600VAC TIME DELAY	8	41.92
R4A13-2	21220	FUSE 30A 600VAC LOW PEAK TIME DELAY - LPJ-30SP	5	250.00
R4A13-3	18609	FRN-R-1 - FUSE 1A 250V TIME DELAY DUAL ELEMENT	17	49.64
R4A13-3	18614	FRN-R-1-1/2 - FUSE 1-1/2A 250VAC TIME DELAY DUAL ELEMENT	5	19.45
R4A13-3	18615	FRN-R-2 - FUSE 2A 250VAC TIME DELAY DUAL ELEMENT	4	33.12
R4A13-3	18620	FRN-R-3-2/10 - FUSE 3.2AMP 250V TIME DELAY DUAL ELEMENT	10	75.00
R4A13-3	18623	FRN-R-5 - FUSE 5A 250VAC TIME DELAY DUAL ELEMENT	12	46.92
R4A13-3	18691	FRS-R-25 - FUSE 25A 600VAC TIME DELAY DUAL ELEMENT	6	138.00
R4A13-3	20235	JJS-20 - FUSE 20A 600V FAST ACTING	50	37.50
R4A13-4	17582	ATQR20/FNQ-R-20 - FUSE 20A 600V TIME DELAY CURRENT LIMIT MIDGET CC	7	102.41
R4A13-4	17964	SWITCH SQUARE-D LIMIT SWITCH	3	248.79
R4A13-4	18576	FNQ-R-1 - FUSE 1A 600V TIME DELAY FNQ-R-1	10	7.90
R4A13-4	18613	FRN-R-15 - FUSE 15A 250VAC TIME DELAY DUAL ELEMENT	18	450.00
R4A13-4	18624	FRN-R-6 - FUSE 6A 250VAC TIME DELAY DUAL ELEMENT	21	126.00
R4A13-4	20236	JJS-6 - FUSE 6A 600V FAST ACTING	16	12.00
R4A13-4	21216	LPJ-20SP - FUSE 20A 600VAC LOW PEAK TIME DELAY	12	96.00
R4A13-4	21678	AGC-10 - FUSE 10A 250VAC FAST ACTING GLASS	50	29.00
R4A13-5	12701	25M0761 - FUSE BLADE 15A/80V	28	51.52
R4A13-5	12746	26K7958 - FUSE FAST ACTING SIEMENS OUTPUT CARDS	15	26.25
R4A13-5	18519	FLS-R 1 - FUSE 1AMP 600V DUAL ELEMENT	8	38.80
R4A13-5	18611	FRN-R-10 - FUSE 10A 250VAC TIME DELAY DUAL ELEMENT	14	14.56
R4A13-5	18626	FRN-R-7 - FUSE 7A 250VAC TIME DELAY DUAL ELEMENT	4	36.08
R4A13-5	20311	KLK 15 AMP - FUSE 15A 600V FAST BLO	4	1.88
R4A13-5	20516	MDL-10 - FUSE 10A 250 VDC (1CM29)	70	151.20
R4A13-5	20522	MDL-8 - FUSE 8A 250 VDC (4XH64)	45	97.20
R4A13-6	14318	MDL-3 - FUSE 3A TIME DELAY GLASS	46	64.40
R4A13-6	14319	MDL-4 - FUSE 4A TIME DELAY GLASS	94	188.00
R4A13-6	21495	TCF10 - FUSE 10A CUBE VFD	22	609.84

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R4A13-6	21676	AGC-5 - FUSE 5A 250VAC FAST ACTING GLASS	66	62.04
R4A13-7	11253	1756-PA72 - PLC CONTROL LOGIX POWER SUPPLY	2	1031.48
R4A13-7	21496	TCF15 - FUSE 15A CUBE TYPE CLASS J 600V	21	427.98
R4A13-7	63814	NO. 216-R - BUSS REDUCER 35-60 AMPS-250 VOLTS	11	266.86
R4A13-7	63815	NO. 616-R - BUSS REDUCER 35-60 AMPS-600 VOLTS	17	380.12
R4A13-8	15793	6F330 - FUSE 225A TIME DELAY LPS-RK-225	3	42.75
R4A13-8	18683	FRS-R-150 - FUSE 150A 600VAC TIME DELAY DUAL ELEMENT	6	52.74
R4A13-9	11468	AGC-15 - FUSE 15A 250VAC FAST ACTING GLASS	56	206.64
R4A13-9	11502	1E619 - MINI BULB 756 14V 0.08 A UAL	6	12.18
R4A13-9	11567	1P035 - FEDERAL SIGNAL LAMP	3	14.16
R4A13-9	13001	LAMP 28V.08A MINI BULB (757)	26	70.20
R4A13-9	14315	AGC-3 - FUSE 3A 250VAC FAST ACTING GLASS	61	54.29
R4A14-1	15939	700-P1200-A1 B - RELAY CONTROL 120V 12-POLE	2	573.80
R4A14-1	18063	CR201 - RECEPTACLE DUPLEX 20 AMP 125 VAC	8	16.32
R4A14-10	11034	1492-W4-Y - TERMINAL BLOCK IEC 32A 800V #22-#19 AWG YELLOW	183	107.97
R4A14-10	17997	CBL-P2-3ST - FIBER OPTIC CABLE 3 METER	4	225.52
R4A14-10	21093	PCX5EB07 - CAT-5E PATCH CABLE BLUE 7 FT	3	31.44
R4A14-11	19475	42SRL-6006-QD - PHOTOEYE 20-264VAC/DC TRANS-BEAM	7	585.06
R4A14-12	16682	871L-XPB40S40 - PROXIMITY SWITCH (PUSHERS)	2	268.36
R4A14-12	19477	42-SRP-6004-SER B - PROXIMITY SWITCH (OLD TYPE)	2	324.84
R4A14-12	19480	42-SRU-6205-QD - SENSOR PROX SWITCH	8	360.00
R4A14-13	16420	800T-N314X - 800T-N41 LOCKABLE ATTACHMENT	1	24.18
R4A14-13	16437	800T-PA16W - PUSHBUTTON WHITE ILL 120VAC XFMR 1NO 1NC W/GUARD	2	60.00
R4A14-2	15117	5B317 - REFLECTOR PHOTOEYE 3" DIA	91	782.60
R4A14-3	10131	6039653 - CORD COMM CAN SICK KD5-SCM123M12	1	15.00
R4A14-3	10133	6039654 - CORD COMM CAN SICK KD5-SCM121SM12	1	15.00
R4A14-3	15356	RELAYS	6	49.14
R4A14-4	10119	SENSOR PROXIMITY 12MM 7K PSI	8	0.16
R4A14-4	10983	1492-EB - END BARRIER FOR 1492-W10 TERMINAL BLOCKS	2	0.04
R4A14-4	11296	1785-TR10BT - TWISTED PAIR TRANSCEIVER	1	550.00
R4A14-4	16362	800T-B6 - SWITCH AB 800T-B6	1	20.97
R4A14-4	16471	800T-FXTA1 - PUSH BUTTON 1NO COMPATIBLE W/800T-FXTA1	1	6.32
R4A14-5	16722	A-B 4 PIN MINI STRAIGHT 6FT PIG TAIL	19	302.86
R4A14-6	11020	DISTRIB BLOCK A-B	1	10.25
R4A14-6	11021	1492-PD3183 - DISTRIB BLOCK A-B	1	0.00
R4A14-6	11032	1492-W10 - TERMINAL BLOCK SINGLE CIRCUIT 57A 800V 8MM2 GRAY	43	42.57
R4A14-6	11258	1756-TBNH - CLAMP SCREW 20 POSITION	1	66.00

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R4A14-6	19479	42-SRU-6202-QD - SENSOR PROX SWITCH	3	460.80
R4A14-7	10205	42LRC-5210 - PHOTOHEAD POLARIZED	3	1536.33
R4A14-7	13977	42LRC-5000 - SENSOR PHOTOEYE HEAD RED USE W/42LTB & 42LCB	1	335.53
R4A14-7	16466	800T-XA - PUSHBUTTON RED	10	325.00
R4A14-8	13978	42LTB-5000 - SENSOR PHOTOEYE BASE RED 120V USE W/42LR PHOTOHEAD	29	6815.00
R4A14-9	20122	J1-2000-199 - BRACKET 2 BOLT PROTECTOR GUARD	40	2200.00
R4A15-1	16809	9007C52B2 - LIMIT SWITCH	9	327.96
R4A15-1	16811	9007C54B2 - LIMIT SWITCH TYPE C 1NO/1NC	3	108.00
R4A15-1	16813	9007C62B2 - LIMIT SWITCH LVR 2NO/NC CMPCT PLGIN	6	216.00
R4A15-10	15296	60-2072 - PHOTO EYE COUNTER	3	324.00
R4A15-10	16498	802T AP - LIMIT SWITCH OILTIGHT LEVER TYPE 4/13 PLUG-IN	5	596.35
R4A15-10	16506	802T-W2B - LIMIT SWITCH ARM LEVER	43	523.74
R4A15-11	18290	E13 - SWITCH CHERRY ELECTRIC LIMIT SWITCH OVERHEA	6	241.50
R4A15-11	18293	E19-00K0 - SWITCH CHERRY ELECTRIC LIMIT SWITCH	3	23.49
R4A15-11	20497	MA11 1-1/2" - SWITCH SQUARE D LIMIT SWITCH ARM (5B059)	9	146.07
R4A15-11	20498	MA11 2" - SWITCH SQUARE D LIMIT SWITCH ARM	45	56.25
R4A15-11	22309	V130LA10A - GE ARC SUPPRESSOR VARISTOR	56	39.76
R4A15-12	12654	2510K02 - SWITCH MOTOR DISCONNECT 30A 600V SWITCH ONLY	6	518.40
R4A15-12	13082	MDL OUT ANALOG 4-CHAN 0-10V	5	140.05
R4A15-12	63809	PUSH BUTTON GUARD E-STOP	14	210.00
R4A15-2	12566	2413C - SHAFT ENCODER CABLE MCP TO FIELD	6	497.40
R4A15-3	16351	PUSHBUTTON 30MM FLUSH HEAD GREEN - 800T-A1D1	2	66.00
R4A15-3	19478	42SRR-6006-QD - SENSOR PROX TRANSBEAM RECEIVER 20-264VAC/DC 4-PIN	8	744.00
R4A15-4	13976	42GRU-9203-QD - SENSOR PHOTOEYE 9000 STD RETROREFLECTIVE	7	991.13
R4A15-4	13982	42MRU-5200 - PHOTOEYE HEAD (GREEN)	5	486.00
R4A15-5	13983	42MTB-5000 - SENSOR PHOTOEYE BASE GREEN USE W/42M PHOTOHEAD	18	1749.60
R4A15-6	11922	2023599 - SENSOR CLONING MODULE BLOWER CONTROL	27	5216.40
R4A15-6	11924	2030054 - SENSOR CLONING MODULE BLOWER CONTROL	5	1295.45
R4A15-7	13964	422CFCR - CABLE CONVERTER B&B ELECTONICS	4	96.00
R4A15-7	17294	A2440 - PLC CRYDOM SOLID STATE RELAY	9	321.66
R4A15-8	13244	DISPLAY LCD W/TCH 10.4 ETHERNET	15	637.50
R4A15-9	10393	100C12D10 - MOTOR STARTER REPLACES LC1D12 10	2	157.44
R4A15-9	10997	1492-H - FUSE BLOCK A-B #1492-H	3	19.95
R4A18-13	13512	BEARING, SEALMASTER, MH SERIES, SKWEZLOC, STANDARD DUTY, 1-7/16 DIA, 2-BOLT,	5	3.15
R4A18-13	14317	MDL-2 - FUSE 2A TIME DELAY GLASS PK5	30	57.00
R4A18-3	18718	FRS-R-90 - FUSE 90A 600VAC TIME DELAY DUAL ELEMENT	18	55.44
R4A2-1	13633	3RX1536 - CABLE M12 TYPE F 4 PIN 16FT	42	696.36

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R4A2-1	18260	E-4PBSS - 4 PUSHBUTTON ENCLOSURE	1	45.00
R4A2-10	11283	1771-CP2 - PLC INPUT ADAPTER CABLE	1	98.85
R4A2-10	15290	60-1785 - PHOTOEYE MOUNTING BRACKET	32	215.68
R4A2-10	16679	871A-BRN18 - MOUNTING BRACKET ALLEN BRADLEY #871ABRN18	4	42.76
R4A2-11	16761	8WD4340-OCF - STROBE LIGHT BLUE	2	170.68
R4A2-12	14112	4801-2 - CABLE CONNECTOR	20	0.40
R4A2-12	14113	4801-3 - CABLE CONNECTOR	19	0.38
R4A2-12	14114	4801-5 - CABLE CONNECTOR	20	0.40
R4A2-2	11508	1F1R003 - TRANSFORMER	1	0.00
R4A2-2	23002	E-3PB - PUSHBUTTON ENCLOSURE 3 HOLE	4	189.76
R4A2-3	18490	FHOS20R - SWITCH OPERATOR FOR VARIABLE DEPTH FLANGE	4	211.20
R4A2-4	19459	3RA1325-8XB30-1AK6 - CONTACTOR REVERSING W/24VDC COIL 17 AMPERE	2	133.14
R4A2-5	15368	6024931 - CONVERTER DUAL RS232 TO ETHERNET SICK	9	4798.80
R4A2-6	21462	T-FP41 - FAN 4" SURFACE MOUNT 55/95 CFM 50/60 HZ 120V	4	500.68
R4A2-7	20502	MAP130-1012 - POWER ONE POWER SUPPLY	2	594.48
R4A2-8	13769	FILTERS FOR SICK HEADS BLOWER FAN FIL	183	854.61
R4A2-9	13617	3RT1916-1BB00 - VARISTOR 24-70 VSC FOR 3RH11 RELAYS	76	1690.24
R4A2-9	17508	AL8WD4308-OCA - MOUNTING BRACKET RIGHT ANGLE	6	42.12
R4A3-1	12152	2018435 - BRACKET ANGLULAR SWIVEL SICK	12	316.80
R4A3-10	13615	3RT1034-1AK60 - CONTACTOR 32A 120VAC	1	0.00
R4A3-10	19994	H25030-2C - FUSEHOLDER 30A 250V (SIEMENS)	1	25.00
R4A3-10	20005	H60030-3C - FUSE HOLDER 600V 30AMP	1	35.00
R4A3-11	13629	3RV1928-1H - TERMINAL ADAPTER KIT	78	363.48
R4A3-12	11012	1492-N25 - MOUNTING RAIL STANDOFF BRACKETS	10	50.20
R4A3-12	17507	8WD4308-0DA SIEMENS ALARM BASE MOUNT 110MM	4	90.84
R4A3-2	11033	1492-W4 - TERMINAL BLOCK 30A SINGLE FEED THROUGH GRAY	220	440.00
R4A3-2	12046	1756-BA1 - BATTERY 3V LITHIUM PLC LOGIX 5000 1800MAH	14	338.80
R4A3-2	15102	595-A - AUX CONTACT NEMA 1NO DISC/START	10	132.30
R4A3-3	20129	J60030-3CR - FUSEHOLDER 600V 30 A (SIEMENS)	1	0.00
R4A3-3	21281	SC250D - AUDIBLE ALARM	2	130.00
R4A3-3	21283	SC250ER - HORN CONTINOUS MEDIUM TONE SONALERT BUZZER 30.5	3	152.97
R4A3-3	21284	SC250N - SONALERT MALLORY AUDIBLE ALARM	1	21.00
R4A3-3	21286	SC628AE - ALARM DEVICE 1900 HZ 50-65 DB 6-28V AC/DC	10	466.90
R4A3-3	50033	PROFIBUS DINRAIL	2	500.00
R4A3-4	13561	3LD2154-1TL53 - SWITCH DISCONNECT W/RED & YELLOW HANDLE	7	294.28
R4A3-4	13635	RUBBER SWEEP	18	165.60
R4A3-5	13597	3RG4013-3AG01 - SENSOR PROX INDUCTIVE 5MM 15-34VDC	47	1504.00

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R4A3-5	17525	FUSE BLOCK KIT 100A 600VAC	2	211.74
R4A3-6	14083	460-24V - TRANSFORMER VIGNEAUX USED IN COLO.SPGS.	1	40.00
R4A3-6	15087	FITTING, AIRLINX V1022-012A00	3	36.30
R4A3-6	19956	GV2-AN20 - AUX CONTACT 2 NO	14	361.90
R4A3-6	20395	LC1D12G7 - CONTACTOR 7.5 120V COIL	2	58.18
R4A3-6	20503	MAP55-1012 - POWER ONE POWER SUPPLY	1	165.00
R4A3-7	13627	SIEMENS SIDE MOUNTED AUX CONTACT BLOCK 1NC 1NO	49	365.54
R4A3-7	15301	TS4200/150 TAIL MTL W/O LAG 39BF-Ø1.44	3	150.00
R4A3-7	20057	HC15 - POWER ONE POWER SUPPLY 15VDC 3A	1	65.00
R4A3-8	13637	3SE3170-1UW - LIMIT SWITCH ADJUSTABLE ROLLER ARM	12	23.76
R4A3-8	14769	52PE4D3 - PILOT LIGHT LED 24V AC/DC GREEN	7	246.26
R4A3-8	20058	HC24 - POWER SUPPLY 24VDCF @ 2.4A	2	145.00
R4A3-9	14755	52PA2G2A - PUSHBUTTON E- STOP RED 120 V	8	298.16
R4A3-9	18481	FE200-200A - FUSE EJECTORS KIT	10	153.60
R4A3-9	19949	GV1-M06 - OVERLOAD	5	93.75
R4A4-1	15545	REDUNDANCY MODULE	1	3300.83
R4A4-10	13614	3RT1026-1BB40 - CONTACTOR NON REVERSING 3-POLE 25 AMP	17	623.22
R4A4-2	13620	3RV1021-1CA10 - MOTOR STARTER PROTECTOR 1.8-2.5A	13	433.42
R4A4-2	15544	TRANSFORMER SOLA SIEMENS 3KVA	3	7894.50
R4A4-2	17468	AL3RT1024-1AK60 - CONTACTOR	20	303.40
R4A4-3	13601	3RH1140-1AK60 - RELAY 4NO 110/120VAC 50/60HZ 600VAC	18	0.00
R4A4-3	14768	52PE2D2A - PUSHBUTTON E-STOP SIEMENS 24V	15	945.00
R4A4-3	18138	800T-J69A - KEYSWITCH 3 POSM-M-S	7	1084.86
R4A4-4	13600	3RH1122-1BB40 - RELAY CONTROL 24V 6A 2ND-2NC	6	270.00
R4A4-4	13625	MOTOR STARTER PROTECTOR 9-12.5A	2	210.00
R4A4-4	13626	3RV1021-OJA10 - MOTOR STARTER PROTECTOR 0.7-1.0A	4	133.36
R4A4-4	19608	RS 485 BUS CONN. WITHOUT PG INTERFACE	7	13.86
R4A4-5	13602	3RH1140-1BB40 - RELAY 1.100A 24VD CCOIL 4POLE 4NO	24	427.20
R4A4-5	14772	52PE6D5A - ILLUMINATED MOMENTARY PUSHBUTTON BL	10	457.80
R4A4-6	14764	PUSHBUTTON GREEN	37	532.80
R4A4-6	18128	52PE6D9AXX - SENSOR PUSHBUTTON AMBER OVER HIEGHT	28	1033.48
R4A4-7	13608	3RH1921-1FA31 - AUXILLARY CONTACT BLOCK FOR 3RT	15	186.60
R4A4-7	13610	3RP1513-1AQ30 - TIMER ON DELAY 24VDC/100-127VAC SPDT	13	289.12
R4A4-7	19951	GV1-M08 - OVERLOAD	8	336.00
R4A4-8	19458	3RA1324-8XB30-1AK6 - CONTACTOR REVERSING WITH 24VDC COIL12 AMP	9	653.40
R4A4-8	19954	GV1-M20 - OVERLOAD	6	109.20
R4A4-8	19966	GV2M04 - CIRCUIT BREAKER 3PH 460V	5	197.20

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R4A4-9	12153	2016110 - QUICK CLAMPING DEVICE SICK	12	316.80
R4A4-9	19953	GV1-M14 - OVERLOAD	18	693.00
R4A5-1	17469	AL3RT1024-1BB40 - CONTACTOR	45	1415.25
R4A5-2	13621	3RV1021-1DA10 - MOTOR STARTER PROTECTOR 2.2-3.2A	32	1066.88
R4A5-3	19946	GV1-G04 - TERMINAL BLOCK	18	50.58
R4A5-3	19947	GV1-G07 - BUSBAR	11	168.19
R4A5-3	19948	GV1-G08 - MINI BUSBAR	11	148.06
R4A5-4	13612	3RT1025-1BB40 - CONTACTOR NON REVERSING 3-POLE 17 AMP	21	935.97
R4A5-4	13613	CONTACTOR	5	183.30
R4A5-5	13623	3RV1021-1FA10 - MOTOR STARTER PROTECTOR 3.5-5A	41	1366.94
R4A5-6	13599	3RH1122-1AK60 - RELAY CONTROL 1.100A @24VDC 4POLE (2NO-2N	6	105.00
R4A5-6	13611	3RT1025-1AK60 - CONTACTOR	6	210.00
R4A5-7	13622	MOTOR STARTER PROTECTOR 2.8-4A	67	2233.78
R4A5-8	14763	52PA8A1K - PUSHBUTTON (SIEMENS)	16	230.40
R4A5-9	13497	GEARMOTOR SEW 2 HP29.63:1 59 RPM 1-11/16 W/ BRAKE	10	2264.90
R4A5-9	14742	52AAGL - LENS GUARD E-STOP	11	37.62
R4A5-9	63917	LC1DO09G7- CONTACTOR	10	0.20
R4A6-1	18264	E-6PBSS - PUSHBUTTON ENCLOSURE 6 HOLE	3	512.40
R4A6-11	17526	FUSE KIT 200A 600VAC CLASS J	4	785.12
R4A6-12	18489	SWITCH OPERATOR FOR VARIABLE DEPTH FLANGE	2	105.60
R4A6-13	18488	FHOHS - HANDLE ONLY FOR VARIABLE DEPTH FLANGE	2	204.84
R4A6-13	21457	T-2-53012-S - TRANSFORMER ACME	1	183.00
R4A6-3	18256	E-1PB - PUSHBUTTON ENCLOSURE 1 HOLE	1	75.00
R4A6-3	18265	E-6PBX - PUSHBUTTON ENCLOSURE 6 HOLE	1	75.00
R4A6-4	18266	E-9PB - PUSHBUTTON ENCLOSURE 9 BUTTON	1	45.00
R4A6-5	18259	E-3PBX - PUSHBUTTON ENCLOSURE 3 HOLE DEEP	10	474.40
R4A6-6	18262	E-4SPB - PUSHBUTTON ENCLOSURE 4 HOLE	2	106.86
R4A6-7	18257	E-2PB - PUSHBUTTON ENCLOSURE 2HOLE	8	326.24
R4A6-9	18261	E-4PBX - PUSHBUTTON ENCLOSURE 4 HOLE DEEP	3	157.53
R4A7-1	16500	SWITCH ALLEN-BRADLY LIMIT SWITCH	1	45.00
R4A7-1	16503	802T-B - LIMIT SWITCH-ALLEN BRADLEY	2	153.66
R4A7-1	16505	802T-K - LIMIT SWITCH PUSH VERTICAL	6	603.60
R4A7-10	13753	AL800T-PB16R - PUSH BUTTON RED	11	275.00
R4A7-10	16433	800T-P16W - LIGHT PILOT 120V WHITE	4	8.48
R4A7-10	16453	800T-PT16 - SWITCH PUSHBUTTON 12V TRANS	3	118.50
R4A7-10	16457	800T-PT16R - LIGHT PILOT PUSH TO TEST RED	3	81.90
R4A7-11	16403	800T-N122-A - CAP FOR PILOT LIGHT AMBER MINI	4	16.12

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R4A7-11	16404	800T-N122-B - CAP FOR PILOT LIGHT BLUE MINI	5	20.15
R4A7-11	16411	800T-N159B - BLUE BUTTON MUSHROOM CAP	3	54.39
R4A7-11	16414	PILOT LIGHT CAP AMBER	23	48.30
R4A7-11	16417	800T-N26R - LENS PILOT LIGHT RED	10	21.00
R4A7-11	16418	800T-N26W - LENS PILOT LIGHT WHITE	11	13.75
R4A7-12	16405	800T-N122-G - 800T TYPE LENS GREEN	6	24.18
R4A7-12	16406	800T-N122-R - CAP FOR PILOT LIGHT RED	3	12.09
R4A7-12	16410	800T-N159A - 800T TYPE LENS AMBER	1	6.00
R4A7-12	16415	800T-N26B - LIGHT PILOT LIGHT ACCESSARY BLUE ALLEN BRADLEY	5	23.90
R4A7-12	16416	800T-N26G - CAP FOR PILOT LIGHT STANDARD GREEN	10	54.90
R4A7-12	16421	800T-N41 - PUSHBUTTON LENS GREEN EXT HEAD	3	6.93
R4A7-12	16424	800T-N44 - PILOT LIGHT ACCESSORY WHITE	6	12.60
R4A7-2	16353	800T-A2A - PUSHBUTTON BLACK FLUSH HEAD 1NO/1NC	1	41.92
R4A7-2	16385	800T-H48 - SWITCH ALLEN BRADLEY SWITCH KEY	10	915.50
R4A7-2	16390	800T-J2 - SWITCH AB SW 3 POS MAINTAINED 1NO/1NC	4	100.00
R4A7-3	11247	1756-MVI - PLC MVI MODULE	1	1002.82
R4A7-3	16499	802T K-1 - SWITCH ALLEN-BRADLEY LIMIT SWITCH	2	90.00
R4A7-3	16502	802T-ATP - SWITCH ALLEN-BRADLEY OIL TIGHT LIMIT SWITCH	14	966.00
R4A7-4	15291	60-1790 - ON OR OFF DELAY MODULE	2	96.18
R4A7-4	16287	PAD CLOS LWR CE GRAY STD 2132057	1	3362.33
R4A7-4	16383	800T-H33A - SWITCH SELECTOR SW 2 POS MAINTAINED KEY 2-1NO/1NC	15	381.75
R4A7-5	16000	PHOTOEYE WL2000-B5300 SICK - 7023047	6	447.60
R4A7-6	11944	100-K09D10 - CONTACTOR MINI 3POLE 120VAC	4	281.20
R4A7-6	13984	42SML-7110 - SENSOR PHOTOEYE TRANS BEAM SOURCE	2	73.80
R4A7-6	13985	42SMR-7110 - SENSOR PHOTOEYE RECEIVER	5	274.50
R4A7-6	16339	800MRP16W - SWITCH ALLEN-BRADLEY PILOT LIGHT SWITCH WHITE	1	33.18
R4A7-7	10132	CORD COMM CAN SICK KD5-SCM120.5YM12 Y-CABLE	1	15.00
R4A7-7	11015	1492-N37 - FUSE BLOCK END BARRIER	20	10.60
R4A7-7	11023	1492-PD3C141 - POWER BLOCK TERMINAL	1	85.95
R4A7-7	11046	LUG CONNECTOR 100A #8-#1 /O WIRE	6	16.50
R4A7-8	10824	129-106-1 - PROX MOUNTING NUT	3	25.50
R4A7-8	16338	800MR-H33B - SWITCH ALLEN-BRADLEY KEYED SELECTOR SWITCH	1	43.23
R4A7-8	16364	800T-FX6A5 - PUSHBUTTON	3	51.09
R4A7-8	16376	SWITCH 2POS NON-ILL WHITE KNOB MAINT 1NO-1NC - 800T-H2A	1	46.61
R4A7-8	16454	800T-PT16A - LIGHT PILOT PUSH TO TEST AMBER	3	118.50
R4A7-9	16348	800T-A1 - PUSHBUTTON	3	81.75
R4A7-9	16349	800T-A1A - PUSHBUTTON GREEN FLUSH MOMENTARY W/1NO 1NC	4	110.00

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R4A7-9	16355	800T-A2D1 - PUSHBUTTON BLACK FLUSH HEAD	7	231.00
R4A8-1	10086	HA261234 - SWITCH HEAVY DUTY DISCONNECT AUXILLARY CONTACT	3	347.01
R4A8-1	19607	6ES7 972-0AA01-0XA0 - MODULE REPEATER RS-485 FOR PROFIBUS	8	120.00
R4A8-1	19610	PROFIBUS TERMINATING RESISTOR	18	270.00
R4A8-10	19455	1451E-6547 EURO MINI CONNECTOR PHOTO EYE (REPLACES BLUE CUBE PHOTOEYE)	20	4101.00
R4A8-10	21497	TCFH30 - FUSE HOLDER	16	127.68
R4A8-11	15065	BOX- STEEL CITY(SIEMENS)	3	7.50
R4A8-11	21140	GROUND BAR 12PT	5	42.80
R4A8-11	21265	SAMI-91 - INDICATING FUSE PANEL	18	60.30
R4A8-12	13634	3RX1541 - CABLE M12 TYPE F 4 PIN 16FT RIGHT ANGLE	1	31.25
R4A8-12	13649	3TX7144-1E2 - 8 PIN OCTAL DIN RAIL MOUNT RELAY	1	2.07
R4A8-12	15328	6008899 - CABLE, DC, WIRE M12, STRAIGHT FEMALE, 2M	3	69.30
R4A8-12	15329	6009868 - CABLE, DC, 5 WIRE M12, STRAIGHT FEMALE, 5M	4	135.32
R4A8-12	16130	7233 - HORSE SHOE JUMPER SIEMENS	500	20.00
R4A8-12	19968	GV2M08 - CIRCUIT BREAKER 3PH 460V 2.5-4.0A	2	167.20
R4A8-2	13616	3RT1035-1BB40 - CONTACTOR NON REVERSING 40AMP	1	125.00
R4A8-2	15746	6EP1332-18H42 - SIEMENS 24VDC POWER SUPPLY	1	300.00
R4A8-2	19940	GT3A-3AF20 - IDEC MULTI-MODE POWER	1	0.00
R4A8-2	19942	GV AD0110 - AUX. CONTACT 1NO-1NC	5	130.95
R4A8-2	20097	IDC5BQ-256 - MODULE QUAD INPUT(FAST) 4-16VDC GORDOS	8	1600.00
R4A8-3	13631	3RW3035-1AB14 - SIEMENS SOFT START 32 AMP 20 HP	1	500.00
R4A8-3	19296	1790L811A - VFD WIRE LANDING BOARD	9	900.00
R4A8-3	22289	AL52RA4P3 - LENS PILOT LIGHT GREEN	20	66.00
R4A8-4	10206	20326R - FUSE HOLDER SINGLE 30A 250V CC TYPE	2	30.00
R4A8-4	11176	1689145 - CONTACT INSERTS W/PUSH PULL LOCKING	2	50.00
R4A8-4	13567	BUMPER, RUBBER FOR SLOPE PLATE (1 PER 3 CARRIAGES)	13	231.66
R4A8-4	15192	5SX2104-7X - CIRCUIT BREAKER 277VAC 4 AMP	2	200.00
R4A8-4	15193	5SX9100 - SIEMENS AUXILIARY CONTACT 1NC 1NO	2	40.00
R4A8-4	17295	A2440-S - PANEL MOUNT SOLID STATE RELAY SIEMENS	2	71.48
R4A8-4	19970	GV2M14 - CIRCUIT BREAKER 3PH 460V 6.0-10.0A	1	103.59
R4A8-4	20415	LE7-40-1753 - SWITCH SPRECHER DISCONNECT NON FUSED 40A	1	0.00
R4A8-5	13628	ADJUSTMENT DIAL COVER FOR 3RV MSP	3	18.66
R4A8-5	16398	800T-J44A - KEYED SWITCH ALLAN-BRADLY	4	486.80
R4A8-5	17144	95-000-41 - CORNERING CABLE SYSTEM	15	45.00
R4A8-5	17310	A3X126-14-YLW-M - RJ45 CAT 5E UTP CROSSOVER CABLE SIEMENS	1	57.05
R4A8-5	17976	CA7-PA-10 - SPRECHER AUXILIARY CONTACT 3 POLE 600 VAC 1	4	31.20
R4A8-5	19400	31187-013 - TETHER KIT BEI PULSE ENCODER BEI	5	100.00

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R4A8-5	19971	GV2M20 - CIRCUIT BREAKER 3PH 460V 10.0-16.0A	1	103.84
R4A8-5	20388	LC1-D1210G6 - CONTACTOR 12A 3-7.5HP 110-120VAC 1NO AUX	1	81.42
R4A8-5	22222	S20K150 - VARISTOR 150 VAC (RMS) EPCOS #S20K150	29	2726.00
R4A8-6	11175	1688845 - D-SUB 9 CONTACT CARRIES	5	125.00
R4A8-6	15362	CAN CABLE (0.7 METERS) - 6021164	4	127.60
R4A8-6	17896	BUS BAR - TERMINAL STRIP WITH MOUNT	4	61.16
R4A8-6	18026	CA7-23-10-120-NO - SWITCH SPRECHER CONTACTOR 3 POLE 600 VAC 4	1	90.48
R4A8-6	22203	RSSAN-50A - PLC RELAY SOLID STATE PANEL MNT 50A-IDE	1	0.00
R4A8-7	14782	52SC6AEA1 - SWITCH (SIEMENS)	4	0.00
R4A8-7	17026	92-90 - POLARIZED REFLECTOR ALLEN BRADLY	6	39.48
R4A8-7	19609	6ES7 972-0BB41-0XA0 - RS 485 BUS CONN. W ANGLULAR CABLE	9	579.78
R4A8-7	20416	LEFT HAND SPRING - DOORS,ROLL UP DOOR SPRING - LEFT HAND	1	18.00
R4A8-7	21423	SR2P-06 - SOCKET 8PIN OCTAL BASE FOR ICE CUBE RELAY	5	41.45
R4A8-7	22288	AL52RA4PB - LENS PILOT LIGHT WHITE	20	66.00
R4A8-8	19952	GV1-M10 - OVERLOAD	11	200.20
R4A8-8	20404	LC2D0901 - CONTACTOR	6	0.00
R4A8-9	13619	3RT1926-1BB00 - VARISTOR 24-70 VDC FOR CONTACTOR	78	509.34
R4A8-9	13656	3UN2100-OCF7 - TRIPPING UNIT	1	70.00
R4A8-9	14751	PCB, ASSY., MAIN CONTROL, MODULAR, RSMC	29	149.64
R4A8-9	14783	52SC6AEA2 - 2 POSITION KEY SWITCH	1	53.96
R4A9-1	14750	52BAK - CONTACT BLOCK 1NO	41	211.56
R4A9-1	19592	6AV6574-1AD00-4CX0 - PROTECTIVE MEMBRANE FOR SIEMENS TOUCH LCD SCREENS	1	0.00
R4A9-10	15293	60-2006 - PHOTO EYE BRACKET SIEMENS	5	61.75
R4A9-10	17473	LOCK OUT HASP FOR SIEMENS E-STOP	11	277.09
R4A9-10	19619	6EP-1332-1SH41 - LOGO, POWER SUPPLY 24V DC/2.5A POWER SUPPLY	1	122.46
R4A9-10	20375	LA1DN22 - CONTACT BLOCK	14	36.40
R4A9-10	22889	PILOT LIGHT LENS CAP GREEN SIEMENS	20	66.00
R4A9-11	63916	3RV1021-1BA10 - CIRCUIT BREAKER	20	0.80
R4A9-12	13624	MOTOR STARTER PROTECTOR 5.5-8A	22	733.48
R4A9-12	20390	LC10901G6 - CONTACTOR	3	195.00
R4A9-13	64163	8WD440-OCE - MODULE LAMP HOLDER CLEAR SIGNAL COLUMN 12V-230V	3	290.76
R4A9-13	64164	8WD4308-ODB - SIGNAL COLUMNS, DIAMETER 70MM BASE	6	77.88
R4A9-2	14757	PILOT LIGHT (SIEMENS)	4	33.32
R4A9-2	19600	6ES7 392-1AJ00-0AA0 - 20-PIN FRONT CONNECTOR	12	398.64
R4A9-2	19601	40-PIN FRONT CONNECTOR	11	288.64
R4A9-2	19960	GV2AN11 - AUX CONT (1NO/NC) SIDE MOUNT 690V 6A	18	465.30
R4A9-3	14744	52AED2 - LED REPLACEMENT 24V AC/DC RED	69	644.46

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R4A9-3	14745	LED REPLACEMENT CLUSTER SMALL, WHITE	46	429.64
R4A9-3	14746	52AED4 - LED REPLACEMENT 24V AC/DC AMBER	66	616.44
R4A9-3	14747	52AED5 - LED REPLACEMENT 24V AC/DC BLUE	54	504.36
R4A9-3	14748	52AEDB - LED REPLACEMENT 24V AC/DC GREEN	82	894.62
R4A9-3	22890	SIEMENS PILOT LIGH PLASTIC LENS-AMBER	13	38.35
R4A9-4	14675	EI-722 - BULB 40W 120V REPLACEMENT FOR BEACON	1	13.53
R4A9-4	14752	52BJK - PUSHBUTTON CONTACT BLOCK NO/NC	5	53.10
R4A9-4	14761	52PA6G5A - PUSH TO TEST LIGHT TRANSFORM TYPE 1	1	32.50
R4A9-4	14762	52PA6G9A - PUSHBUTTON (SIEMENS)	3	165.00
R4A9-4	14776	52SA2AABA1 - 2 POSITION SELCTOR SWITCH	4	105.92
R4A9-4	19945	GV1-AO1 - AUXILARY CONTACT	18	395.10
R4A9-5	13604	AUX CONTACT BLOCK 4 POLE (4NO)	47	409.84
R4A9-5	14765	52PA8A4 - PUSHBUTTON YELLOW	12	172.80
R4A9-5	14779	SELECTOR SWITCH SHORT LEVER 3-POS M - 52SA2BCB	15	293.40
R4A9-5	19967	GV2M07 - CIRCUIT BREAKER 3PH 460V 1.6-2.5A	3	295.80
R4A9-6	13603	3RH1911-1FA22 - AUXILIARY CONTACT BLOCK 2NO 2NC TOP MOUNT	5	43.60
R4A9-6	13606	3RH1911-1GA40 - AUXILIARY CONTACT BLOCK 4NO	5	0.00
R4A9-6	14771	52PE6D3A - PUSHBUTTON GREEN 1NO-1NC LED 24 VDC	3	137.34
R4A9-6	14781	52SC6AE - SWITCH 2 POSITION KEY	8	431.68
R4A9-6	63816	52PE6DAA - ILLUMINATED PUSH BUTTON 24-28 VOLTS AC/DC	1	0.00
R4A9-7	14759	52PA4GB - PILOT LIGHT (SIEMENS)	2	117.42
R4A9-7	14770	52PE4DB - PILOT LIGHT LED 24V AC/DC WHITE	4	155.32
R4A9-7	14780	52SA2DAB - SWITCH NEMA 1/3/4/12/13 SHORT LEVER	6	75.96
R4A9-7	19969	GV2M10 - CIRCUIT BREAKER 3PH 460V 4.0-6.0A	2	197.20
R4A9-7	20374	LA1DN20 - CONTACT BLOCK	11	27.83
R4A9-8	13648	3TX7120-1DF13 - 120V DPDT 10 AMP CONTROL RELAY SIEMENS	2	25.20
R4A9-8	14749	52BAJ - CONTACT FOR CLASS 52 DEVICES (SIEMENS)	2	6.76
R4A9-8	14756	52PA4G2A - PILOT LIGHT (SIEMENS)	1	25.00
R4A9-8	14766	52PA8B2J - MOMENTARY P/B EXT RED(SIEMENS)	1	0.00
R4A9-8	16002	7026986 - LENS COVERS FOR CLV-490	6	40.80
R4A9-8	63973	AL700-HA32A1 - RELAY AB 700-HA32A1 DPDT 120VAC GP	2	59.86
R4A9-9	13607	3RH1921-1FA22 - CONTACT AUX 2NO-2NC FRONT MOUNT	3	37.32
R4A9-9	13609	AUX CONTACT BLOCK FOR CONTACTOR	1	0.00
R4A9-9	14777	52SA2AABK1 - SWITCH	1	17.02
R4A9-9	14778	52SA2BAB - SEL SW 3 POSITION MAIN	3	0.00
R4A9-9	20004	H60030-2S - FUSE HOLDER 660V/30A	1	25.00
R4A9-9	21092	PCV-480B - NAMEPLATE STICKER 480 VAC	4	10.48

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R4A9-9	22888	PILOT LIGHT LENS CAP WHITE SIEMENS	20	66.00
R4B1-2	12412	140054 - RETURN ROLLER 12" METAL PORTEC	30	530.70
R4B10-1	22185	RSB-4AJ/24P - ENCODER 4 PULSE PER REVOLUTION	13	1932.97
R4B10-10	16574	846411230 - MINI-C FEMALE STATIONARY RECEPTACLE	65	2567.50
R4B10-10	40709	TERMINATING BRACKET FOR SINGLE RUN LANYARD ASSEMBL	1	96.99
R4B10-12	21251	LSB-120R - LITE STAK BEACON RED	1	196.00
R4B10-2	15509	62008 - HOSE CLAMP 3/8" -7/8" -#6 FOR ENCODERS	7	23.24
R4B10-2	22191	RSB-P480AJ/8-30 - ENCODER	2	244.32
R4B10-3	22184	RSB-3AJ/24P - ENCODER 3 PULSE	12	1739.64
R4B10-4	19939	GT3A-3AD24 - MULTI MODE ELECTRONIC TIMER	8	581.68
R4B10-4	20009	H7EC-NFV-B - COUNTER 120VAC	5	338.00
R4B10-4	21095	PCX5EB15 - CAT-5E PATCH CABLE BLUE 15 FT	1	12.97
R4B10-5	15365	ATR CAN CABLE (3 METERS) - 6021165	24	1680.00
R4B10-6	15364	6021166 - CAN CABLE 5 METERS SICK	14	980.00
R4B10-7	14704	5173-0 - SINGLE GANG COVER 4-1/2" LONG X 2-3	5	0.10
R4B10-7	20511	DISCONNECT 0A 600V	1	428.24
R4B10-7	21094	PCX5EB10 - CAT-5E PATCH CABLE BLUE 10 FT	4	50.64
R4B10-8	15369	Y-CABLE TO EEPROM 0.4M SICK - 6027647	14	821.38
R4B10-9	13340	36256 - CORD GRIP SRAIGHT 1/2	13	544.05
R4B11-1	14062	452CR - F.D. BOX 1/2" THREAD DIA. YELLOW	25	714.75
R4B11-11	12476	22H1204 - HOFFMAN GRILL FOR LCP TG10B	2	54.34
R4B11-4	18775	GA 7200-4015-N1 - TECO WESTINGHOUSE DRIVE INVERTER	1	0.00
R4B11-5	63803	PB-06ST-WN - 6-PORT FIBER OPTIC PATCH BOX	1	149.22
R4B11-6	11933	505-AOD - STARTER REVERSING SIZE0 NEMA FULL VOLTAGE	1	776.00
R4B11-7	18233	DS116-NA - ETHERNET HUBS NET GEAR SICK	3	559.20
R4B11-8	17434	AL00005021 - BRACKET SHAFT ENCODER 2 BOLT	10	750.00
R4B12-1	17275	OPERATOR ADAPTER FOR I-T-E FLEX HANDLE	1	81.35
R4B12-10	61288	MCS603R - DISCONNECT 30 AMP 600V	1	124.84
R4B12-11	20119	J1-2000-179 - BRACKET PIER/RUNOUT LANYARD ASSEMBLY W/SWITCH	1	250.00
R4B12-12	22104	RL-00803 - LINE REACTOR 460 VAC 5% OPEN CONSTRUCTION	2	213.10
R4B12-12	64206	1056604 - CLV691-000 LOW DENSITY SCAN HEAD	1	2438.00
R4B12-13	64207	2062454 - CLV690 CLONING MODULE WITH BLOWER	1	87.00
R4B12-3	41368	FAN 4 FAN 115 VAC	6	390.00
R4B12-4	21461	T-FP101UL12 - FAN PACKAGE 10"	1	756.07
R4B12-5	16696	8751-004732 - SERIAL DEVICE SERVER-ETHENET	1	100.00
R4B12-6	22103	RL-00412 - MOTOR REACTOR FOR VFD'S	4	1160.00
R4B12-7	15953	700000805 - ENCODER 7-PIN 24VDC ASSY/TACHOMETER	1	80.00

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R4B12-8	20481	M7274S - VERSITRON Fiber Converter	3	869.55
R4B12-9	22169	RS-2 - PULLCORD OPERATOR(SIEMENS)	1	2.96
R4B13-1	21253	LSL-120A - LITE STAK BEACON AMBER	2	223.00
R4B13-1	21254	LSL-120B - LITE STAK BEACON BLUE	1	111.50
R4B13-1	21256	LSL-120C - LITE STAK BEACON CLEAR	1	111.50
R4B13-10	16573	84634-007 - MINI-C PLUG MALE 5/C 16 AWG CORD	6	92.34
R4B13-10	20124	J1-20000-207 - BRACKET PHOTOEYE FOR SIEMENS 3RG TYPE	36	724.68
R4B13-10	20125	J1-20000-212 - BRACKET PHOTOEYE SHORTY MERGE	14	238.42
R4B13-11	17288	A1-63191-3 - DISPLAY ASSY MOUNTING BRACKET ATR SICK	2	250.00
R4B13-11	61287	809 A03E - TRIP RELAY	5	4479.95
R4B13-2	10980	1492-CJ6-50 - CENTER JUMPER FOR A-B 1492 W (FOR TERMIAL STRIP)	2	0.04
R4B13-3	10768	121S-120R - BEACON VITALITE WITH RED DOME	1	195.00
R4B13-3	21250	LSB-120 - LITESTAK BEACON LIGHT BASE	2	99.26
R4B13-4	10190	134370 - TRANSFORMER VANDERGRAAF LVL 5 OS DOOR	1	50.00
R4B13-4	20261	K750 - TRANSFORMER INDUSTRIAL	4	571.00
R4B13-5	16697	876-N5 - EDWARDS AUDIBLE SIGNAL 120VAC 60HZ	11	1013.54
R4B13-6	10176	FEDERAL SIGNAL DIVISION WEATHER PROOF BOX	8	80.00
R4B13-7	16699	87F3914 - FAN FILTER ASSEMBLE	5	9.30
R4B13-7	18384	F002500022B - CABLE ASSEMBLY CONVERTER RAPISTAN	3	85.50
R4B13-8	10766	BEACON 120VAC ROTATING WARNING LIGHT AMBER	1	111.50
R4B13-9	17189	9751-1PB - STAINLESS COVER 1 HOLE	1	45.00
R4B13-9	17190	9751-3PB - 3 HOLE STAINLESS PLATE	2	103.68
R4B13-9	17191	9751-5PB - 5 HOLE STAINLESS PLATE	3	264.00
R4B13-9	17192	9751-7PB - 7 HOLE STANLESS PLATE	1	50.00
R4B14-1	20118	FAF 62MST ZP-AG - BRACKET 2 BOLT 2" BEARING HOLE 2 PER SET	30	565.80
R4B14-11	14713	SPRKT D80B14 1 7/8ID 1/2KWY D80B14	1	191.98
R4B14-11	14716	51R-N5-40W - BEACON FLASHING W/HORN RED	2	287.70
R4B14-12	13632	PULLEY DRIVE ASSY	35	541.10
R4B14-2	17966	C6-3-10 - CABLE ASSY 6-PIN CONDUCTOR 10FT FOR SHAFT ENCODER	25	718.75
R4B14-3	10032	007652-00280 - NAMEPLATE ARC FLASH	19	19.00
R4B14-3	16576	84647-0011 - MOLEX MINI-C SMALL DUST CAP RECEPACLE	14	232.12
R4B14-3	17900	BX06-095D-W3EB - FIBER OPTIC CONNECTORS, ST TYPE	15	248.70
R4B14-4	20117	J1-2000-160 - BRACKET REFLECTOR FOR A-B 92-90 SIEMENS	29	1069.52
R4B14-4	63864	AL14101RQD07 - PHOTOCELL CUTLER HAMMER	10	2600.80
R4B14-5	10154	03-000808 - LAMP FAN 9CM FOR VIDEO WALL	2	364.00
R4B14-5	16575	84647-0010 - MALE CORD CAP W/ATTACHMENT CHAIN MIC STATION	5	80.95
R4B14-5	17285	A-SPBSS - HOFFMAN ELECTRICAL ENCLOSURE	7	75.60

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R4B14-6	11000	1492-H5 - FUSE BLOCK 12A 1POLE 300V	82	611.72
R4B14-7	11092	150-A16NB - CONTROLLER 16A SMC2 380-480V OPEN TYPE	3	450.00
R4B14-7	20269	KBC 300 - FUSE 600V	10	120.00
R4B14-8	14714	51R-G5-20W - BEACON EDWARDS	1	143.85
R4B14-8	14715	51R-N5 - HORN WARNING FOR BEACON	1	143.85
R4B14-8	19152	12 GA WIRE YELLOW - WIRE POWER COP THHN 12 SPR ORN 50 RL YELLOW	141	12.69
R4B14-9	10388	100691 - METER HOUR DATCON	2	65.00
R4B14-9	21255	LSL-120G - LITE STAK BEACON GREEN	1	111.50
R4B15-1	17147	9501-FP - SOLA VOLTAGE REGULATOR	5	3250.00
R4B15-2	15541	63-32-210-8 - TRANSFORMER SOLA SIEMENS 1KVA (63-32-210-8)	1	1080.14
R4B15-3	19151	12 GA WIRE ORANGE - WIRE POWER COP THHN 12 SPR ORN 50 RL ORANGE	591	41.37
R4B15-4	15542	20 POSITION NEMA SCREW CLAMP BLOCK	1	1153.59
R4B17-4	21460	T-EP4 - EXHAUST GRILLE	5	249.70
R4B18-8	12652	2510 KGJ2S101 - SWITCH MOTOR DISCONNECT ENCLOSURE	2	71.12
R4B19-6	10999	1492-H4 - FUSE BLOCK 12A 1POLE 300V	44	328.24
R4B2-1	63805	TMK606 - DISCONNECT NO FUSE KIT30/60 AMP MCS	3	12.06
R4B2-2	19616	6EP 1436-2BA00 - POWER SUPPLY 3 PHASE 400/440/480 V (6EP 1436-2BA00	3	944.70
R4B2-3	22102	RL-00403 - LINE REACTOR 460 VAC 5% OPEN CONSTRUCTION	15	1065.45
R4B20-3	10212	12 AWG BLACK - 12 AWG WIRE BLACK	499	44.91
R4B20-3	15540	63-23-175-8 - TRANSFORMER SOLA SIEMENS750VA	1	709.55
R4B20-5	10954	1419A - CABLE SERIAL CABLE-RS422	200	164.00
R4B20-8	63930	WIRE RED #12 AWG	500	135.00
R4B3-1	14454	CKT BD POTW ANTI-REWIND	200	350.00
R4B3-1	14456	503-0218-390 - FLAT WASHER THIN FOR SKI CLAIM WHEEL	226	187.58
R4B3-1	14457	FAN AXIAL 115V CONNECTOR	279	279.00
R4B3-3	11365	190121 - GROMMET TOOL KIT	200	28000.00
R4B3-3	19003	80020 - BUSHING NYLON #4 1/2" OD PORTEC	285	176.70
R4B3-5	12721	261-0112 - BUSHING QD SH 1" (DODGE #120353) (SIEMENS)	1	65.00
R4B3-5	19168	1210 1-1/8" KEY - BUSHING TAPER LOCK 1210 1-1/8 KEY	12	180.00
R4B4-1	14727	CLOS DOOR W/REGULAR ARM (SARGENTO EN350-UO)	15	133.95
R4B4-1	21303	SDS 1-7/16" - BUSHING QD SDS 1-7/16"	20	231.60
R4B4-1	22407	6ES7 971-0BA00 - BATTERY LITHIUM FOR SIEMENS PLC'S	9	36.45
R4B4-10	20339	L-099 1.125 - LOVEJOY HUB 1.125	16	199.20
R4B4-2	20376	L110 X 1/3/8 - 4153447 LOVEJOY FOR MU's	8	0.00
R4B4-3	20347	L-090.875 - 7/8" HUB LOVEJOY	22	100.10
R4B4-3	63882	292-L-090 - COUPLING HALVE L-090 3/4" HOLE	1	17.15
R4B4-4	20377	L110 X 7/8 LOVEJOY HUB FOR L110 11883-02321 FOR MU's	11	0.00

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R4B4-5	20378	L110 SPIDER FOR MU'S	19	0.00
R4B4-6	20521	MDL-7 (5C774) - FUSE 7A 250V	57	149.34
R4B4-7	13003	MINIATURE LAMP 6.3V 0.15A E-STOP 755 - 2FMR1	23	20.24
R4B4-7	17386	AGC-1 - FUSE 1A 250VAC FAST ACTING GLASS	96	30.72
R4B4-7	19359	2/BP5052BN01SP - BRUSHES FOR BALDOR 70247 TSA(BEST)	17	303.79
R4B4-7	20348	L090/095 - SPIDER 7/8" LOVEJOY	10	64.50
R4B4-8	18766	G500 1-1/4" - GERBER RUBBER INSERT FOR G500 MAK COUPLER	17	286.79
R4B4-8	20353	L099100N - MARTIN RUBBER SPIDER INSERT	13	142.48
R4B4-9	20337	L-075 .875 - COUPLING HUB JAW 7/8IN LOVEJOY 0.875"	25	278.50
R4B4-9	20345	L075 WITH 7/8" HOLE - WOODS COUPLING SPIDER BUNA-N W/ 7/8" HOLE	2	9.24
R4B4-9	20346	L075WO/H - LOVEJOY SPIDER W/O HOLE	27	88.83
R4B5-1	15359	BMH 10-0111 RS232 TO PROFIBUS-CONVERTER	10	9600.00
R4B5-3	63831	BRACKETS - BRACKETS ROLLER GUIDE	13	0.00
R4B6-1	11057	PORTEC OUTSIDE BEARING	1	250.00
R4B6-10	20321	KPRL 4FD - 24" PANEL COVER	2	1300.00
R4B6-11	17433	AL0000501388 - BRACKET 2 BOTL PULSE GENERATOR	3	225.00
R4B6-2	21415	SPL130-1012 - POWER-ONE DC POWER SUPPLY	1	119.00
R4B6-3	11048	1494R-N30 - DISCONNECT SWITCH 30 AMP	2	91.00
R4B6-4	18388	F002500105 - I/O Crd opto 22	2	1100.00
R4B6-5	11866	VFD MICROMASTER 440 VFD 4HP 480 VAC (obsolete in BUF)	8	11461.36
R4B6-5	18130	D-AH8001B - HOFFMAN HEATER 800W	5	137.50
R4B6-6	12704	25B34I00 - SOFT START 460V DUAL RAMP OPEN 10 HP 18A	2	1794.22
R4B6-7	11094	150-AO9NB - MOTOR CONTROLLER 2A STARTING TORQUE SMC	3	450.00
R4B6-8	20073	HNF361 - HEAVY DUTY DICONNECT NON-FUSIBLE(SIEMENS)	2	162.64
R4B6-9	17437	A-21TE - OPERATOR ADAPTER HANDLE	1	81.35
R4B7-12	20354	L100-1.250 - LOVEJOY HUB 1.250	33	544.50
R4B7-2	11183	1700H 150 - BELT IDLER "V" BELT COGGED HSD	7	641.13
R4B7-2	14638	AC Contactor, 4-pole, 16A, 4NO,	1	18.50
R4B7-3	19451	3LD22641TS510US2 - DISCONNECT SWITCH (SIEMENS)	22	1235.74
R4B7-4	10157	003-120442-01 - LAMP ASSY 120W VIDEO WALL	2	1139.60
R4B7-5	14403	FAN BLOWER W/CABLE 120VDC SICK - 5001070	13	5460.00
R4B7-6	10226	209-3481-001 - CONTROLLER LIGHT BAR BAE	1	200.00
R4B8-1	19526	507-42316 - SPACER MU STEARN 1-1/4"	13	208.00
R4B8-2	13979	42MRL-5000 - PHOTOEYE VANDERLANDE	1	97.20
R4B8-2	13980	42MRR-5000 - PHOTOEYE HEAD PIER 31	3	291.60
R4B8-3	10275	1" STRAP - CLAIM 1" NYLON STRAP FOR STEARNS MU UNITS	195	390.00
R4B8-3	21306	SE18 - LOVEJOY MERGE PINCH ROLLER TENSIONER	8	407.68

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R4B8-5	13173	6160042 - END CAPS 3" SLAT ROLL-UP DOORS	19	63.84
R4B8-5	22179	#50 SI RIV - CHAIN ROLLER #50 SECURITY DOORS 2YDW7	10	64.50
R4B8-6	13723	400055-131280 - FUEL HOSE 3/8" X 5/8" SHAFT ENCODERS	15	40.80
R4B8-6	15214	40W HIGH INTENSITY BULB	28	153.16
R4B8-7	15132	5DB20 - ROLL PIN 3/8" X 1-1/2" REPLACES 64311	5	34.60
R4B8-7	64224	1040571 - MSC800 CONTROLLER	1	1370.00
R4B8-8	14706	MTG PL ROT GRAY STD	1	1899.41
R4B8-8	15664	67402 - CLAIM DRIVE CHAIN MU	3	5100.00
R4B8-8	63996	0602097 - BRUSH WOODEN HANDLE FOR MERGE BELTS	2	2.04
R4B8-8	64208	1054908 - MSC800-2200 CONTROLLER	2	5072.00
R4B8-9	19618	6EP 1935-6MD11 - SITOP BATTERY MODULE 24V	2	170.00
R4B9-1	16786	9001K5 - PUSHBUTTON LOCKOUT ATTACHMENT E-STOP S-D	10	445.60
R4B9-1	18793	GF2091MI - GROUND FAULT INTERRUPTER SWITCH	4	180.00
R4B9-1	19300	180C262T015SA1 - REDUCER TIGEAR 15:1 C262	2	2569.70
R4B9-13	10136	RBT VBM3615T - RBT VBM3615T MOTOR	1	840.79
R4B9-2	20317	KP12V20 - RELAY PLC SQUARE-D CONTACT SKI CLAIM DOORS 120 V	3	72.75
R4B9-2	21263	LY3F - CONTROL RELAY ORMON	6	210.00
R4B9-2	22162	RR2P-UAC24V - PLC RELAY TO REPLACE SQUARED 8501 KP12V14 24V RELA	8	111.52
R4B9-3	18009	CC-15 - PLC SQUARE-D POWER CABLE (CC-15)	1	106.25
R4B9-3	19094	10250T-91000T-42 - ROTO PUSH OPERATOR	2	300.00
R4B9-3	20336	KUP14A15-120 - PLC POTTER BRUMFIELD RELAY	5	45.70
R4B9-3	22209	RZ484OHDPO - 3P CHASSIS MOUNT 40A 480V 20-265V	2	90.00
R4B9-4	11441	199DR - MOUNTING STRIP	7	35.00
R4B9-5	11120	157-22Q200 - MIDTEX RELAY	3	83.88
R4B9-5	15295	BEARING 6004-2RS 20mm ID/42mm OD	4	23.92
R4B9-5	19365	2.7E+167 - 14-PIN CONTROL RELAY BASE	11	88.00
R4B9-5	20286	KHU17A16-120 - PLC POTTER BRUMFIELD RELAY	12	390.00
R4B9-5	22094	RH2B-UL - PLC IDEC CONTROL RELAYREPLACES LY2F	11	99.00
R4B9-6	11299	1786-BNC - CABLE CONNECTOR	3	24.03
R4B9-6	13185	30M9885 - LIGHT CURTAIN RELAY COIL ELESTA SGR282Z 12 VDC	6	51.00
R4B9-6	15568	635G - METER HOUR 120 V AC	1	95.50
R4B9-6	22095	RH3B-UT - PLC IDEC CONTROL RELAY RH3B-T	1	13.09
R4B9-7	16371	PUSHBUTTON 30MM RED MUSHD ILL E-STOP PUSH/PULL	33	3322.77
R5A1-1	64183	030065 - CAP BEARING YELLOW	80	560.00
R5A1-1	64240	2074648 - ENCODER SHAFT	2	996.00
R5A10-1	10189	36EP1303 - HOUSING BEARING 3615T	19	3202.45
R5A10-10	14818	LIMIT SWITCH	4	100.00

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R5A10-11	14815	5371-101-020 - PLATE ADAPTER C/B UM210-1020 (WARNER)	12	1506.12
R5A10-2	13402	36EP3306A04 - BEARING HOUSING FOR VBM-3615T-3611T	10	415.10
R5A10-3	18297	E35EP3900T02 - BEARING HOUSING BALDOR VBM-3558T	6	293.76
R5A10-4	13298	35EP3100M01 - BEARING HOUSING FOR CM-3611	9	222.93
R5A10-5	40284	34EP3102A01SP - BEARING END CAP FOR VBM3546T	6	359.22
R5A10-6	17993	CBC150-1 - CLUTCH BRAKE RECTIFIER CBC-150-1 90V	5	286.55
R5A10-7	14802	CLUTCH BRAKE CONDUIT BOX EM/UM	12	420.00
R5A10-8	14370	5-66-6607-33 - STEARNS BRAKE COIL	7	1169.00
R5A10-8	14372	5-66-8355-00 - STATIONARY DISC KIT STEARNS 2 DISC	11	557.81
R5A10-8	14373	5-66-8356-00 - STATIONARY DISC KIT STEARNS 3 DISC	10	777.80
R5A10-8	14374	5-66-8452-00 - STEARNS SERIES 55 BRAKE FRICTION DI	6	293.40
R5A10-9	14359	5-66-5051-00 - STEARNS 87 SERIES BRAKE SOLENOID KI	1	202.52
R5A10-9	14378	5-66-8483-00 - STEARNS 87 SERIES BRAKE SPLINE HUB	6	371.04
R5A10-9	14817	PULLEY, DRIVE, TRANSNORM CURVE 90 DEG 24 HELIX	2	300.00
R5A10-9	40286	540-2053 - SPLINED HUB FOR UM210 WARNER C/B	1	161.07
R5A11-1	22275	CLUTCH BRAKE UM180-1020 AP	2	1352.56
R5A11-2	14369	5-66-6509-33 - STEARNS 87 SERIES BRAKE COIL 230/46	6	1204.02
R5A11-2	17492	6741 - PINTIE 6700 MU	12	881.76
R5A11-2	19506	5-16-5150-00-01B - 5/8" BORE HUB AND SET SCREW ASSY. S	12	363.48
R5A11-2	19509	5-16-7201-00-01D - BRAKE STEARNS 87 SERIES NEW SPLINE	2	88.34
R5A11-3	14371	5-66-6609-33 - STEARNS BRAKE COIL	9	1233.00
R5A11-3	40287	5371-111-005 - FRICTION PLATE FOR UM210 WARNER C/B	6	1052.94
R5A11-5	10442	105604100BPF - BRAKE STEARNS - BPF	4	1881.24
R5A11-6	19098	105603100 QF-REV. A - BRAKE STEARNS (QF)	2	1240.00
R5A11-7	10493	108703100 QF - BRAKE STEARNS	2	910.78
R5A12-1	11784	RBT VBM3710T - VBM3710T - MOTOR 7.5HP 1755RPM 230/460V 3PH 213TC	2	121.92
R5A12-1	22702	UM-210 RBT - RBT WARNER 210 CLUTCH BRAKE	3	1050.00
R5A12-10	63937	LOWER WHEEL BLOCK ASSY TO LIFT RIGHT HAND	1	890.00
R5A12-10	63938	LOWER WHEEL BLOCK ASSY TO LIFT LEFT HAND	2	1780.00
R5A12-11	41323	ALECC-23 - CLOSED END CAP	22	53.68
R5A12-12	12657	2512107 - JOHN S. BARNES MFG. SCISSOR LIFT PUMP SOUTHWORT	1	650.75
R5A12-2	11846	US ELECTRIC SERIES 2 - MOTOR 0.75HP US ELECTRIC SERIES 2000	1	750.00
R5A12-2	21157	502-011059 BEARING OUTSIDE RADUIS PORTEC 1-7/16	7	329.00
R5A12-3	13989	430-202140 - SQ. HEAD SET SCREW 1/2 X 1/2 1/2 ZP UAL MU STEARNS	8	2.88
R5A12-3	17495	AL6700-14 - SPACER,SPROCKET 4-9/16 LG 1-7/16 ID MU 6700	4	290.48
R5A12-3	17496	AL6700-15 - SPACER SPROCKET 7/8 LG 1-7/16 ID MU 6700	6	151.50
R5A12-3	17497	AL6700-16 - SPACER SPROCKET 4-9/16 LG 1-11/16 ID MU 6700	1	45.73

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R5A12-3	17498	AL6700-17 - SPACER SPROCKET 7/8 LG 1-11/18 ID MU 6700	7	316.19
R5A12-4	11731	MOTOR 7.5HP 1765RPM 213T	1	1500.00
R5A12-4	17491	7360-1 - GUIDE WHEEL 6700 MU	16	246.24
R5A12-5	10601	114-1751-001 - OD SIZE SNUB ROLLER SHAFT 9" X 11/16" HEX	9	40.50
R5A12-5	11916	A954A-RBT - MOTOR 3HP 1750RPM 230/460V 3PH 182T RBT	2	300.00
R5A12-5	18110	CV5282 - 45MM X 290MM SHAFT MODE 3 MU	2	505.06
R5A12-6	10336	1/2" SPINDLES - 1/2" SPINDLES FOR SECURITY DOORS	10	1050.00
R5A12-7	12185	2040 B 21 - SPROCKET 2040 B 21 TEETH 1/2"	5	75.00
R5A12-8	12184	2040 B 17 - SPROCKET 40 B 17 TEETH 1/2"	18	408.96
R5A12-9	11307	17907-0002 - UHMW COUNTER WT. BOTTOM TO LIFTS	37	1889.96
R5A13-1	12462	229-2204 - BEARING TAKE-UP ID 1-7/16 SET SCREW	75	1712.25
R5A15-5	20463	FA80DV132M4BMHRTH - SEW-EURO DRIVE MOTOR AND BRAKE ASSY.	2	3219.42
R5A16-1	22277	UM210-1020 - CLUTCH BRAKE 5 HP 90 V (UM210)	2	1831.86
R5A2-2	11753	RBT VEM3587T	1	440.97
R5A2-3	11859	35S159Y334 - MOTOR 3HP 1725 RPM 230/460 VAC 3PH 182TC USED	3	900.00
R5A2-4	11783	VM3211T - MOTOR 3HP 1725RPM 230/460V 3PH 182TC	1	297.66
R5A3-1	11739	CM3611T/CEM3611T - MOTOR 3HP 1750RPM 230/460V 3PH 182TC W/FOOT	4	1203.12
R5A3-2	11845	VBM3554T - MOTOR 1.5HP 1740RPM 230/460V 3PH 145TC BM	4	2230.12
R5A4-1	11780	VM3710T - MOTOR 7.5HP 1755RPM 230/460V 3PH 213TC	3	1307.61
R5A6-1	11743	RBT CM3558T	10	2460.50
R5A6-1	11750	MOTOR 3HP 1725RPM 182T EBM3611TY	2	945.00
R5A6-2	11742	M1704T - MOTOR 1.5HP 1725RPM 230/460V 3PH 145T	1	146.25
R5A6-4	20462	FA800V132M4BMHRTH - REDUCER ODDSIZE EURODRIVE SEW	1	2300.00
R5A6-5	11842	F041B - MOTOR 2HP	1	153.19
R5A7-2	11734	MOTOR 2HP 1750RPM 145T SUPER E	3	815.52
R5B1-1	11696	EM3554T - MOTOR 1.5HP 1760RPM 230/460V 3PH 145T SUPER E	6	2070.00
R5B1-1	11838	35K838-186-1 - MOTOR 3.2HP	3	1483.50
R5B1-2	11710	VM3554T - MOTOR 1.5HP 1725RPM 230/460V 3PH 145TC	3	431.52
R5B1-3	19899	CNHM02-4085YA-B-433 - MOTOR AND REDUCER SM-CYCLO SUMITOMA	1	552.01
R5B1-4	20255	K55ZJ4P - EMERSON MOTOR USED FOR SKI CLAIM DOOR	1	78.40
R5B1-5	10187	HM-3085-A - MOTOR 1/4 HP SUMITOMO W/REDUCER (CURB DOOR LVL 6)	4	800.00
R5B1-6	17182	972313-0001 - CLAIM OVERHEAD DOOR MOTOR ASSEMBLY	2	880.00
R5B1-7	10186	HMS3097-A - MOTOR 1/3 HP SUMITOMO W/REDUCER (CURB DOOR LVL 5)	2	400.00
R5B1-8	10188	106663-0005 - MOTOR CLAIM OVERHEAD DOOR	5	400.00
R5B10-1	11704	BM3546T - MOTOR 1HP 1725RPM 230/460VAC 3PH 143T BM	3	2090.40
R5B10-3	11770	VBM3546T - MOTOR 1HP 1725RPM 230/460V 3PH 143TC BM	2	1109.56
R5B11-1	11733	M3554T - MOTOR 1.5HP 1755RPM 230/460V 3PH 145T	6	1138.80

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R5B11-2	11741	RBT M3615T	4	847.44
R5B11-2	40317	RBT VBM3611T - RBT VBM3611T MOTOR	2	0.02
R5B11-4	11787	CM3661T - MOTOR 3HP 1750RPM 230/460V 3PH 182TC	4	3460.00
R5B12-1	11782	VBM3710T - MOTOR 7.5HP 1755RPM 230/460V 3PH 213TC BM	1	1102.65
R5B12-2	20258	K66DT90L-4BMG/HR/TF - SEW-EURODRIVE MOTOR	2	277.00
R5B12-3	11735	M3611T P18A7300 - MOTOR 3HP 1750RPM 230/460V 3PH 182T	3	645.00
R5B12-4	11832	36J321-284832 - MOTOR 2-1HP 230/460V 3PH 145TC	1	285.00
R5B12-5	11730	RBT M3558T	1	271.84
R5B13-2	19998	MOTOR 2HP 230/460V 145T 1725RPM SUPER E FOOT MOUNTED	2	470.00
R5B14-1	11781	VEM3661T - MOTOR 3HP 1760RPM 230/460V 3PH 182TC	13	7863.05
R5B15-1	11736	M3615T/00518EP3E184T - MOTOR 5HP 1750RPM 230/460V 3PH 184T W/FOOT	7	1483.02
R5B15-1	11777	VEM3665T - MOTOR 5HP 1750RPM 230/460V 3PH 184TC	11	5469.42
R5B15-2	11711	VEM3770T - MOTOR 7.5HP 1770RPM 230/460V 3PH 213TC	1	789.90
R5B16-1	11765	M3661T - M OTOR 3HP 1750RPM 230/460V 3PH 182T	1	565.00
R5B16-2	63825	37A03W878 - MOTOR 1675RPM 230/460V 3 PHASE	1	0.00
R5B16-3	11858	06F192W189 - MOTOR 3HP 1725/1740 RPM 460VAC 3PH 184TC USED	3	1950.00
R5B16-4	11738	M3546T - MOTOR 1HP 1755RPM 230/460V 3PH 143T W/FOOT	3	300.00
R5B16-6	11760	36A01W307 - MOTOR 5HP 1675RPM 230/460V 3PH 184T	1	1100.00
R5B2-1	11778	VEBM3558T - 2HP,1755RPM,3PH,60HZ,145TC,3528M,TEFC,F1	5	2432.75
R5B2-2	11676	VEM3558T - MOTOR 2HP,1755RPM,3PH,60HZ,145TC,3530M,TEFC,F1	11	2913.02
R5B2-2	11820	RBT BM3558T MOTOR	17	10740.43
R5B3-1	11685	CEM3558T - MOTOR 2HP,1755RPM,3PH,60HZ,145TC,3530M,TEFC,F1	2	492.10
R5B3-1	11837	BM3554T - MOTOR 1.5HP 1740RPM 230/460V 3PH 145T BM	5	3184.00
R5B3-2	11737	VEM3611T - 3HP,1760RPM,3PH,60HZ,182TC,3632M,TEFC,FL	4	1152.20
R5B3-2	11836	RBT BM3554T	2	1294.64
R5B4-1	11698	CM3554T - MOTOR 1.5HP 1755RPM 230/460V 3PH 145TC W/FOOT	1	229.50
R5B4-1	12688	EL-HM826-15-H1-180-23-WORM GEAR REPLACES 26MHIC1815 D/F - REDUCER 15:1	2	1196.10
R5B4-2	11755	VEBM3611T - 3HP,1760RPM,3PH,60HZ,182TC,3632M,TEFC,F1	1	370.88
R5B4-3	11759	CEM3587T - MOTOR - 2HP,1750RPM3PH,60HZ,145TC,0527M.TEFC,F1	4	1326.00
R5B4-3	11761	BM3615T - MOTOR 5HP 1725RPM 230/460V 3PH 184T BM W/FOOT	1	560.00
R5B5-1	15629	CEMENT, VINYL CLEAR PTY105	38	1710.00
R5B6-1	15299	60-2439 - MOUNTING BRACKET A-B SIEMENS	16	102.88
R5B6-10	11111	154-A11NB - SOFT START	2	700.00
R5B6-10	15948	700-PB40 - PLC CONTROL RELAY	3	405.00
R5B6-11	15294	CUSTOM TOOL KIT	38	191.52
R5B6-12	19605	6ES7 492-1AL000-0AA0 - FRONT CONNECTOR SCREW TERMINAL	2	633.56
R5B6-13	10197	WASHER ROLLER ODDSIZE WHEEL ASSY	10	20.00

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R5B6-13	10482	108-0548-001 - CLAIM SPACER	32	352.00
R5B6-13	13336	3622-0000 - THRUST WASHER FOR FLOW GUIDE WHEELS	10	20.00
R5B6-13	13344	3629-0000 - RETAINING PLATE FOR TO GUIDE WHEELS	8	120.00
R5B6-13	17520	ALCV5000D207 - T-BOLT MU UNITS MOD 3 MU	15	19.35
R5B6-13	22556	224-0210 - WASHER,THRUST,BRONZE	8	12.80
R5B6-14	18055	CP037LG - SUMITOMO HIGH SPEED SHAFT	1	67.44
R5B6-2	10984	1492-EB3 - END BARRIER FOR 1492-W4 TERMINAL BLOCKS	36	21.96
R5B6-2	11007	1492-N13 - TERMINAL BLOCK	150	232.50
R5B6-2	11008	1492-N16 - TERMINAL BLOCK	50	28.50
R5B6-2	11009	1492-N2 - TERMINAL BLOCK	99	4.95
R5B6-2	11011	1492-N23 - TERMINAL BLOCK HEAVY DUTY END ANCHOR	5	24.55
R5B6-2	11016	1492-N38 - HORSESHOE TERMINAL JUMPER	65	34.45
R5B6-3	10207	C3-23-10 - CONTACTOR MOTOR PFLOW	1	80.00
R5B6-3	15930	700-N400 A1 - PLC RELAY 4NO/NC COIL 110/120VAC 50/60HZ	1	51.00
R5B6-3	15947	700-P800A1 - RELAY 120VAC 8-POLE CONTACT	2	90.00
R5B6-3	16572	HAT SECT ALUM 1 FT 0 3611244	10	10.00
R5B6-4	15942	700-P400-A1 - CONTROL RELAY 10A 600V 4-POLE CONTACT	14	742.42
R5B6-5	10417	10250T1 - CONTACT BLOCK	1	30.50
R5B6-5	10418	10250T2418 - SWITCH CUTLER HAMMER ROTO-PUSH SWITCH	11	167.75
R5B6-5	17955	C362H1 - SWITCH CUTLER/HAMMER N-12 SELECTOR SWITCH	1	29.77
R5B6-6	10204	CL2510 - SWITCH 3-PHASE 30A 260V (DISCONNECT)	6	180.00
R5B6-6	10208	60326R - FUSE HOLDER SINGLE 30A 600V R-TYPE	4	160.00
R5B6-6	16567	83K4223 - COMAIR ROTRON MUFFIN FAN (MX2A3)	1	14.54
R5B6-6	20003	H60030-2C - FUSE HOLDER	4	100.00
R5B6-7	18310	E50D53 - SWITCH CUTLER HAMMER SWITCH BODY	30	600.00
R5B6-8	15949	700-PC40 - PLC CONTROL RELAY	5	276.25
R5B6-8	15951	700-PT200B11 - PLC TIMING RELAY 110/115V 50HZ.	1	55.25
R5B6-9	11024	DISTRIB BLOCK A-B	10	102.50
R5B6-9	16315	8-590 - PHOTO EYE BASE RELAY	8	280.00
R5B6-9	16316	8-591 - PHOTO EYE BASE RELAY	10	361.90
R5B7-1	21328	SF 1-7/16" - BUSHING QD SF 1-7/16"	46	396.98
R5B7-10	10678	118217 - SHEAVE TAPER LOCK 1610 2A4.2B4.6	8	400.00
R5B7-11	10679	118218 - SHEAVE TAPER LOCK 1610 2A4.4B4.8	11	550.00
R5B7-12	10675	118212 - SHEAVE TAPER LOCK 1210 2A3.2B3.6	8	640.00
R5B7-13	10676	118215 - SHEAVE TAPER LOCK 1610 2A3.8B4.2	6	330.00
R5B7-2	10645	117113 - BUSHING TAPER LOCK 3020 1-11/16 KEYWAY	1	80.00
R5B7-2	12715	260-0716 - BUSHING TAPER LOCK 2517 1-1/4 KW	1	80.00

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R5B7-2	19367	2012 1 7/16 IK - TAPER LOCK	2	70.00
R5B7-3	11436	198-0020-001 - SHEAVE POLY CHAIN PULLEY	8	840.00
R5B7-3	11707	117079 - BUSHING TAPER LOCK 1210 7/8 KEYWAY	12	105.84
R5B7-3	19169	1210 X 15/16 KW - BUSHING TAPER LOCK 1210 15/16" KEYWAY	6	57.84
R5B7-4	12622	SHEAVE 3V 2GRV QD SH - 3.35 OD (SIEMENS)	10	154.30
R5B7-4	12623	SHEAVE 3V 2GRV QD SH - 3.65 OD (SIEMENS)	1	14.23
R5B7-4	12624	SHEAVE 3V 2GRV QD SH - 4.12 OD (SIEMENS)	6	91.38
R5B7-4	12625	SHEAVE 3V 2GRV QD SH - 4.50 OD (SIEMENS)	1	15.43
R5B7-4	12626	SHEAVE 3V 2GRV QD SH - 4.75 OD (SIEMENS)	1	14.32
R5B7-4	12630	SHEAVE 3V 2GRV QD SH - 6.00 OD	1	15.32
R5B7-5	10691	118307 - SHEAVE TAPER LOCK 1610 2A3.6B4.0	13	1040.00
R5B7-5	12629	245-020560 - SHEAVE 3V 2GRV QD SH - 5.60 OD (SIEMENS)	2	72.30
R5B7-6	10674	118211 - SHEAVE TAPER LOCK 1210 2A3.0B3.4	6	300.00
R5B7-7	10683	118222 - SHEAVE TAPER LOCK 1610 2A5.2B5.6	4	320.00
R5B7-8	10684	118223 - SHEAVE TAPER LOCK 1610 2A5.4B5.8	6	210.00
R5B7-9	10680	118219 - SHEAVE TAPER LOCK 1610 2A4.6B5.0	8	120.00
R5B8-1	11703	MOTOR 5HP 1750RPM 230/460VAC 3PH 184TC - CM3615T	1	696.80
R5B8-1	17521	ALCV52A500-01 - CLAIM SLOPE PLATE CHAIN CONNECTING LINK ASSY	5	3054.95
R5B8-3	10677	118216 - SHEAVE TAPER LOCK 1610 2A4.0B4.4	3	0.00
R5B8-3	10690	118306 - SHEAVE TAPER LOCK 1610 2A3.4B3.8	1	80.00
R5B8-4	10682	118221 - SHEAVE TAPER LOCK 1610 2A5.0B5.4	16	800.00
R5B8-4	11834	36L505W415G1 - MOTOR 5HP 1725RPM 230/460V 3PH 184T	1	450.00
R5B8-5	10681	118220 - SHEAVE TAPER LOCK 1610 2A4.8B5.2	6	330.00
R5B8-6	10685	118224 - SHEAVE TAPER LOCK 1610 2A5.6B6.0	1	55.00
R5B8-7	10062	TREE LIGHT SICK ATR STATION	3	1450.92
R5B8-8	17431	AL00005021 - GUARD ENCODER	5	375.00
R5B9-2	16334	BEARING CAP 1 7/16" SHAFT	70	315.00
R5B9-3	16335	BEARING CAP 1-11/16" BEARING	45	265.50
R6A1-1	11276	1771-1AD - PLC INPUT MODULE	6	1542.06
R6A1-10	11284	1771-IBD - PLC INPUT MODULE 10-30 VDC	3	672.18
R6A1-2	11275	1771-0AD - PLC OUTPUT MODULE	4	1449.80
R6A1-3	21170	PS35 - PLC SQUARE-D POWER SUPPLY (PS35)	3	4182.00
R6A1-4	22100	RIM101 - PLC SQUARE-D INPUT MODULE	14	3963.54
R6A1-5	11062	1494V-DS100 - DISCONNECT SWITCH KIT 100A 3PH 3P 575V 75HP	1	150.00
R6A1-6	11061	1494V-DRL666 - FUSEABLE DISCONNECT SWITCH	1	650.00
R6A1-7	11059	Portec inside radius bearing	1	650.00
R6A1-8	11058	1494V-DRL622 - DISC SWITCH KIT	1	250.00

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R6A1-9	63826	6EP14362BA10 - POWER SUPPLY 3AC 400-500V 50/60Hz OUTPUT DC24V/20A	5	0.00
R6A10-1	12528	23A05H18 - REDUCER TIGEAR 180 5:1	1	985.00
R6A10-1	61283	7900-30-0001 - MOUNTING BRAKET MU COLBY	45	45.00
R6A10-1	61284	7900-30-0002 - BRAKET KICK PLATE MU COLBY	37	37.00
R6A10-11	12380	TORQUE ARM TAPER PLUS ACCESS	2	153.00
R6A10-11	12382	219-107TB107 - BUSHING TAPER LOCK 107TB107 1-7/16"	1	28.50
R6A10-11	19108	107SMT15 AY1743 - REDUCER 15:1 107SMT15 SHAFT MOUNT	1	598.00
R6A10-2	12175	203TAK - TURNBUCKLE BROWNING	18	0.00
R6A10-3	20550	MISC BRACKETS - CONVEYOR AND TORQUE ARM BRACKETS	48	0.00
R6A10-4	12576	242135 - TORQUE ARM ASSY. ADAPT PLT LH	23	575.00
R6A10-5	12585	242244 - TA-2-3 RODEND ASSY 3/4"	4	0.00
R6A10-6	12592	TORQUE ARM ASSEMBLY TXT2 - 242280	6	750.00
R6A10-7	12553	TORQUE ARM ASSEMBLY TXT1 - 241213	5	75.00
R6A10-8	12577	242136 - TORQUE ARM ASSY. ADAPT PLT RH	4	0.00
R6A10-9	10470	107SMT25 - REDUCER 25.84:1 107SMT25 AY1743 INLINE SFTMT	1	329.69
R6A11-1	20454	EL-HM832-20-H-140-27 - ELECTRA GEAR EL-HM832-20-H-140-27 1-11/16" BORE	2	2726.90
R6A11-2	20056	HC 3145 - REDUCER CLAIM UNITS (HC-3145)	1	1814.10
R6A11-4	20488	M85722 - REDUCER 9.3:1 SMALL FRAME	3	1482.03
R6A11-5	63943	115SMTPO9 - REDUCER SHAFT MOUNT 9:1	1	1588.12
R6A12-1	12262	20GCT 56C L-2 - REDUCER MORSE 10:1	1	605.00
R6A12-2	12745	26HIC1425 D/R - REDUCER 25:1 ELECTRA GEAR	1	0.00
R6A12-3	19399	30MHKC1420 D/F - REDUCER ELECTRA 20:1	2	1432.92
R6A12-5	12747	26MC1440 R/F - REDUCER 40:1 ELECTRA GEAR	1	483.00
R6A12-7	17836	BB883CN180TC - REDUCER GEAR 30.87:1	2	3300.00
R6A13-1	21814	TL22H150-1610 - PULLEY DYNA SYNC (SEE NOTES)	22	1061.72
R6A13-10	21819	TL30H150-2012 - PULLEY DYNA SYNC (SEE NOTES)	20	1399.20
R6A13-11	18436	F4B-SCM-111 - BEARING 4-BOLT FLANGE ID 1-11/16	8	631.52
R6A13-12	10121	MOTOR 15HP 1760RPM 230/460V 3PH 254T	8	1582.00
R6A13-13	14637	BRAKE RESISTOR, 300 W, 100 OHM	250	1250.00
R6A13-3	15618	BELT, 36 IN WIDE APH120COS	2	150.00
R6A13-4	12730	264-0219 - BUSHING KIT TIGEAR C262 X 1- 7/16	11	807.62
R6A13-5	12732	6D11062 - BUSHING KIT COMB'N TIGEAR C350 X 1-11/16	7	513.94
R6A13-6	12729	264-0119 - BUSHING KIT COMB'N TIGEAR C200 X 1-7/16	2	202.96
R6A13-7	12381	219-0672 - BUSHING #3035TBUSH 107 TIGEAR 2 30/35D	3	179.43
R6A13-8	12204	6011017 - BUSHING FOR C262 1-15/16	5	275.00
R6A14-1	63944	115TAP-H - TORQUE ARM KIT REDUCER PC9105	1	78.74
R6A14-1	63945	115TBP107 - TORQUE ARM KIT REDUCER 1-7/16 SHAFT PC9009	1	166.31

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R6A16-1	20485	M85072 - REDUCER DODGE 17:1 M85072	2	1645.84
R6A2-1	40296	RBT 23A07H14 - RBT 23A07H14 TIGEAR REDUCER 7.5:1	8	4962.48
R6A2-2	12705	25GCT L 56C - REDUCER 60:1 MORSE	4	1800.00
R6A2-3	13175	30A20H14 - REDUCER GEAR TIGEAR 30 20:1	3	1950.00
R6A2-4	20487	M85721 - REDUCER 7.6:1 140DM2A	2	0.00
R6A2-5	13307	35MHIKV18200 - REDUCER ELECTRA GEAR 20:1	2	4600.00
R6A3-1	10200	180C262T009S1A - REDUCER TIGEAR 9.4:1 C262 180 BELL HOUSING	2	2405.12
R6A3-2	19303	180C262T025S1A - REDUCER TIGEAR 25:1 C262	1	1156.37
R6A3-2	20452	ELHM830-15-H-140-27 - REDUCER GEAR ELECTRA 30MHKC1415D/FX 15:01	1	1043.56
R6A3-3	19223	140C262T015S1A - REDUCER TIGEAR 15:1 C262	1	968.55
R6A3-4	19305	180C262T038S1A - REDUCER TIGEAR 38:1 C262	2	2066.48
R6A3-5	40311	RBT 180C26210 - RBT REDUCER C262 10:1	1	1202.66
R6A4-2	13179	30GSA-182TC - REDUCER 13.33:1 MORSE	2	2400.00
R6A4-3	17830	B93MN5574 - REDUCER 30:1 MORSE	1	558.65
R6A4-4	13301	35GSA-1.43B - REDUCER 30:1 MORSE	2	2000.00
R6A4-6	13180	30GSA-184TC - REDUCER 13.33:1 MORSE	1	1000.00
R6A4-7	13178	RUBBER BUMPER	1	1000.00
R6A4-8	12708	25GSA 145T 25:1 - REDUCER 25:1 MORSE	1	650.00
R6A5-1	11297	1785ME64 - MODULE MEMORY	1	150.00
R6A5-10	11229	PLC CONTROL LOGIX CHASSIS 10 SLOT	1	347.41
R6A5-3	11220	1747-L40A - PLC SLC-500 PROCESSOR	2	1863.00
R6A5-4	20512	BASIC DISCONNECT SWITCH SIEMENS	2	855.76
R6A5-5	11281	1771-ASB - PLC REMOTE I/O ADAPTER	1	790.80
R6A5-6	22157	ROM271 - PLC SQUARE-D OUTPUT RELAY MODULE	1	727.00
R6A5-7	17528	CABLE ONLY FOR VARIABLE DEPTH FLANGE 200 AM	5	292.85
R6A5-8	11230	PLC CONTROL LOGIX CHASSIS 13 SLOT	1	419.04
R6A5-9	11285	1771-P7 - PLC POWER SUPPLY	3	1967.13
R6A6-1	12532	23A15H14 - REDUCER GEAR 15:1	3	1687.65
R6A6-1	19030	81037 - DOUBLE BEVEL UHMW 1/4" THICK 13/16" WIDE	11	51.48
R6A6-1	19031	81038 - UHMW GUIDE DBL BEVEL 1/4 X 13/16 X 120	13	82.94
R6A6-2	12656	REDUCER 5:62:1 TXT105T	2	410.00
R6A6-3	19395	30MHIC1420 D/R - REDUCER 20:1 ELECTRA GEAR	2	1368.82
R6A6-4	13296	35A25H18 - REDUCER TIGEAR 25:1	3	3300.00
R6A6-5	19104	107SMT05 AY2177 - REDUCER 5:08:1	3	1650.00
R6A7-1	19299	180C262T010S1A - REDUCER TIGEAR 10:1 C262	10	12025.60
R6A7-2	22234	TXT3258T - REDUCER 24.74:1 TXT 325	2	3200.00
R6A7-3	10195	BB383CN140TC - REDUCER QUANTIS REDUCER 28.72:1	1	400.00

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R6A8-1	19466	EL-HB842-15-H-180-27 - REDUCER 15:1 ELECTRA GEAR	2	4522.92
R6A8-4	19394	30MHIC1420 D/F - REDUCER 20:1 ELECTRA GEAR	1	475.00
R6A9-1	19298	180-24A1N008E1 - PLC UTICOR MESSAGE DISPLAY MODULE SERIES	4	5032.00
R6A9-3	63817	C056 - REDUCER 2103B0500H1	1	0.00
R6A9-4	12707	25GSA 145T 10:1 - MORSE REDUCER 10:1	1	934.76
R6A9-6	19891	CBN3252SB3U145TC - REDUCER 25:1 RATIO	4	6000.00
R6B1-1	12060	14MX-53S-37TL3020 - CHAIN POLY SPROCKET GT2	1	125.00
R6B1-2	18151	D807-10-0001 - WASHER WRAP SPRING OUTPUT SHAFT	1	31.88
R6B1-2	18152	D807-10-0002 - SPACER TABBED INPUT COLLAR FOR WRAP SPRING	2	53.38
R6B1-2	40280	D950-10-0004 - PILOT WASHER WRAP SPRING CB10	2	63.76
R6B1-2	40281	D807-10-0003 - BRAKE COLLAR SPACER WARP SPRING CB10	1	23.73
R6B1-3	12519	CHAIN POLY SPROCKET GT2 #14MX-35S-20	3	282.78
R6B1-4	12518	237-111034 - CHAIN POLY SPROCKET GT2 #14MX-34S-20	1	86.40
R6B1-5	12517	CHAIN POLY SPROCKET GT2 #14MX-33S-20	1	86.40
R6B1-6	19255	SPROCKET POLY CHAIN FOR SHORT MERGES	1	94.99
R6B1-8	12515	237-111029 - CHAIN POLY SPROCKET GATES GT2#14MX-29S-20	1	94.99
R6B1-9	20540	MHI2000-1000 - CONTROLLER MHI 2000 SICK	5	0.00
R6B10-1	19216	140C200T010S1A - REDUCER TIGEAR 10:1 C200	1	1155.87
R6B10-1	19217	140C200T015S1A - REDUCER TIGEAR 15:1 C200	1	1068.97
R6B10-2	19218	140C200T018S1A - REDUCER TIGEAR 18:1 C200	4	3582.96
R6B10-3	19219	140C200T020S1A - REDUCER TIGEAR 20:1 C200	4	3224.68
R6B10-6	19402	30HIC1415 D/RX - REDUCER 15:1 ELECTRA GEAR	1	500.00
R6B11-1	19228	140C262T038S1A - REDUCER TIGEAR 38:1 C262	2	3120.00
R6B11-2	19222	140C262T010S1A - REDUCER TIGEAR 10:1 C262	1	1600.00
R6B11-3	19221	140C262T009S1A - REDUCER TIGEAR 9.4:1 C262	2	3300.00
R6B11-4	19302	180C262T020S1A - REDUCER TIGEAR 20:1 C262	1	1156.37
R6B11-5	19397	30MHIC1815 D/R - REDUCER 15:1 ELECTRA GEAR	2	1526.00
R6B11-6	19412	350HKC1830 D/RX - REDUCER ELECTRA GEAR 30:1	1	586.50
R6B11-7	12534	23A20H56 - REDUCER GEAR 20:1	3	1950.00
R6B12-1	19225	140C262T020S1A - REDUCER TIGEAR 20:1 C262	3	4500.00
R6B12-2	19227	140C262T030S1A - REDUCER TIGEAR 30:1 C262	1	1167.62
R6B12-3	10220	180C350T030N - REDUCER TIGEAR 30:1 C350	2	6591.68
R6B12-5	19469	400JBKV1820 J/F - REDUCER 20:1 ELECTRA GEAR	1	475.00
R6B13-1	21450	SY/MAX 650 - SY/MAX PROCESSOR (650)	7	6300.00
R6B13-10	19256	1494R-N30 - 30 AMP ROD OPER SW OPN	1	255.52
R6B13-12	17527	ALFHOEC048 - DISCONNECT CABLE FOR 30/100 MSC DISCONNECT	3	201.81
R6B13-13	16344	SWITCH EITHERNET 517FX-ST	3	24.00

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R6B13-13	16467	CONTACT BLOCK 1NO SHALLOW 1NC LATE BREAK	11	269.39
R6B13-13	16469	800T-XA4 - CONTACT BLOCK	2	28.22
R6B13-2	21168	PS21 - PLC SQUARE-D POWER SUPPLY	1	0.00
R6B13-2	40298	RBT 23A10H14 - RBT 23A10H14 TIGEAR REDUCER 10:1	3	210.27
R6B13-3	18085	CRM222 - PLC SQUARE-D REMOTE INTERFACE MODULE	2	1070.00
R6B13-4	13171	CNTOR IT 6AMP IND/12AMP RES	1	3500.00
R6B13-5	21449	SY/MAX 400 - SY/MAX PROCESSOR (400)	5	4500.00
R6B13-6	22156	ROM221 - PLC SQUARE-D OUTPUT MODULE 120 VAC	12	7020.00
R6B13-7	18008	CBP 116 - PLC SY/MAX TERMINAL BLOCK 16 FUNCTION I/O	8	904.00
R6B13-8	18084	CRM210 - PLC SQUARE-D LOCAL I/O INTERFACE MODULE	1	535.00
R6B13-9	19617	SITOP DC-UPS MODULE	4	922.24
R6B14-1	19403	30HKC1430 D/RX - REDUCER 30:1 ELECTRA GEAR	1	800.00
R6B14-2	12744	26HIC1420 D/R - REDUCER 20:1 ELECTRA GEAR	1	495.00
R6B14-3	19414	350MHKC1820D/R - REDUCER ELECTRA GEAR 20:1	2	3000.00
R6B14-4	19410	350HKC1430 D/RX - REDUCER ELECTRA 30:1	3	2289.00
R6B14-5	13297	35A25R/F - REDUCER ELECTRA GEAR 25:1	1	785.00
R6B14-6	20453	350HKC1820 D/R - REDUCER ELECTRA GEAR 20:1 1-7/16" BORE	1	1165.18
R6B14-7	19215	213-140401300 - REDUCER TIGEAR 9.4:1 C200	3	2886.21
R6B15-1	19470	400MHKC1430 D/RX - REDUCER 30:1 ELECTRA GEAR	1	0.00
R6B15-2	19226	140C262T025S1A - REDUCER TIGEAR 25:1 C262	3	6693.48
R6B15-3	19224	140C262T018S1A - REDUCER TIGEAR 18:1 C262	6	12597.54
R6B15-4	19413	350HKC1415 D/RX - REDUCER ELECTRA GEAR 15:1	1	1116.54
R6B15-5	16207	21MHIC1410 D/R - REDUCER ELECTRA GEAR 10:1	3	1136.01
R6B15-6	12542	241066 - REDUCER GEAR TXT125T 25.64:1 SHAFT MOUNT	1	2000.00
R6B15-7	12725	25GSA 145T 7.5:1 - REDUCER 7.5:1 MORSE	1	1294.46
R6B16-1	13838	40GSA - REDUCER 25:1 MORSE	2	2000.00
R6B16-2	63820	CBN3252SB3U182TC - REDUCER 28:1 EMERSON	1	921.00
R6B16-3	20486	M85094 - REDUCER 25.6:1 APG3	1	1650.00
R6B16-4	13840	40GSA-182T - REDUCER 25:1 MORSE	1	1000.00
R6B16-5	19897	CHHJ-6145Y-21-184TC - RED SUMI CHHJ-6145Y-21-184TC 21:1	1	552.00
R6B16-6	12712	25GSA 145T 5:1 - REDUCER 5:1 MORSE	2	2200.00
R6B2-1	12527	23A05H14 - REDUCER GEAR TIGEAR 5:1	3	1683.00
R6B2-2	12529	23A07H14 - REDUCER TIGEAR 7.5:1	8	4962.48
R6B2-3	12530	23A10H14 - REDUCER TIGEAR 10:1	9	3338.10
R6B4-1	19310	180C350T020S1A - REDUCER TIGEAR 20:1 C350	3	9887.55
R6B5-2	11251	1756-OW16I - PLC CONTROL LOGIX RELAY ISOLATED OUTPUT 16PT AC/DC	1	604.01
R6B5-3	11249	PLC CONTROL LOGIX 16-PT 120VAC OUTPUT	1	239.00

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R6B5-4	19606	6ES7 964-2AA04-0AB0 - MODULE IF FOR 416 CPU'S	6	8757.84
R6B5-5	11240	1756-IA16 - PLC CONTROL LOGIX 16-PT 20PIN 120VAC INPUT	5	1253.55
R6B5-6	11295	1785-L40E - PROCESSOR PLC5/40E WITH ETHERNET CONNECTOR	1	8550.21
R6B5-7	19602	6ES7 400-1JA01-0AA0 - RACK 9 SLOT	3	73.32
R6B5-8	19603	6ES7 407-OKA01-0AA0 - POWER SUPPLY PS 407 10AMP@ 5VDC 120/230 VAC (SEE N	3	1878.00
R6B6-2	19220	140C200T025S1A - REDUCER TIGEAR 25:1 C200	7	12790.61
R6B6-4	12526	RBT 23A05H14 - RBT REDUCER GEAR TIGEAR 5:1	6	420.54
R6B7-1	19301	180C262T018S1A - REDUCER TIGEAR 18:1 C262	4	5139.40
R6B7-1	19304	180C262T030S1A - REDUCER TIGEAR 30:1 C262	4	3956.00
R6B7-2	12740	26A15H14 - REDUCER 15:1 TIGEAR 2 SIZE 26	6	2814.24
R6B7-4	11362	18GCT-56C - REDUCER GEAR MORSE 10:1	2	2200.00
R6B7-5	12263	20GCT R 56C - REDUCER MORSE 10:1	2	639.00
R6B7-6	21984	21MHIC147.5 D/F - REDUCER ELECTRA GEAR 7.5:1	4	2829.56
R6B8-2	19312	180C350T038S1A - REDUCER TIGEAR 38:1 C350	1	3250.00
R6B8-3	19306	180C350T009S1A - REDUCER TIGEAR 9.4:1:1 C350	4	13183.40
R6B8-4	19307	180C350T010S1A - REDUCER TIGEAR 10:1 C350	2	6591.70
R6B9-1	19611	6GK7 443-1EX11-0XE0 - MODULE CP 443-1 ETHERNET BRIDGE FOR S7-400	5	14456.90
R6B9-10	11227	1756-0A16I - PLC AC ISOLATED OUTPUT MODULE	1	358.15
R6B9-11	19599	6ES7 322-5FF00-0AB0 - DIGITAL OUTPUT MODULE	12	5760.00
R6B9-13	11063	1494V-DS200 - DISCONNECT SWITCH KIT 200A 600VAC 250VDC MAX	1	713.36
R6B9-14	11236	PLC CONTROL LOGIX REDUNTANT CONTROLNET	2	4786.06
R6B9-2	11243	CONTROL LOGIX 24VDC INPUT 16PT 1756-IB16	2	401.12
R6B9-3	19604	6ES7 421-1BL01-0AA0 - MODULE DIGITAL INPUT 32 PT 24 VDC	4	1267.12
R6B9-4	19598	6ES7 322-1FH00-0AA0 - MODULE OUTPUT 120VAC 16PT	8	3082.40
R6B9-6	17177	25GSA 145T 15:1 - REDUCER 15:1 MORSE	1	650.00
R6B9-6	19597	6ES7 322-1BH01-0AA0 - DIGITAL OUTPUT MODULE	6	2181.48
R6B9-7	19595	DIGITAL INPUT MODULE AL6ES73211BH020AA0	12	16079.76
R6B9-8	19594	6ES7 153-1AA03-0XB0 - SLAVE INTERFACE MODULE	8	4256.00
R7A1-1	10221	CABLE COAX BLACK	77	106.26
R7A24-1	19149	12 GA WIRE BROWN - WIRE POWER COP THHN 12 SPR ORN 50 RL BROWN	91	8.19
R7A24-1	19150	12 GA WIRE GREEN - WIRE POWER COP THHN 12 SPR ORN 50 RL GREEN	191	17.19
R7A25-1	22249	UA-34 - 3/4" SEALTIGHT	112	94.08
R9A1-1	20455	E12 O/V10 LG-FR GRN - BELTING 37IN W AMP MIZER INCLINE/DECLINE	54	816.48
RR1A1	19106	RBT 107SMT05 AY2177 - REDUCER 5:08:1 RBT	3	0.00
SK 1-5	22555	208-0507-101 - WELDMENT LINK ASS FLAT PLATE	16	2800.00
TRNG RM	63981	1756-0B16E - MODULE OUTPUT 24VDC CONTROL LOGIX	2	1385.98
WR1A1-1	10129	AWG 14 THIN WIRE (PU - PURPLE 14 GUAGE WIRE	327	32.70

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DEN Spare Parts

WR1A1-1	10211	12 AWG WHITE - 12 AWG WIRE WHITE	199	17.91
WR1A1-1	10213	10 AWG GREEN - 10 AWG WIRE GREEN	346	51.90
WR1A1-1	10214	10 AWG BROWN - 10 AWG WIRE BROWN	37	5.55
WR1A1-1	10215	10 AWG YELLOE - 10 AWG WIRE YELLOW	287	43.05
WR1A1-1	10874	14 AWG THHN - 14 AWG THHN (Red Wire)	128	7.68
WR1A1-1	18291	E156879 - WIRE 14 AWG COPPER YELLOW	300	27.00
WR1A1-1	19213	14 THHN WIRE BLUE - 14 AWG WIRE BLUE	100	11.00
WR1A1-1	21396	SOOW - CABLE 14AWG/12C (TO-LIFT)	85	267.75
WR1A1-1	22459	14 GAUGE THIN WIRE - GREEN 14 GAUGE WIRE	295	29.50
WR2A1-1	10217	10 AWG ORANGE - 10 AWG WIRE ORANGE	237	35.55
WR2A1-1	10330	1/0 WIRE - 1/0 WIRE 125 AMP FOR MCP	10	24.00
WR2A1-1	10879	14 THHN WIRE - 14 AWG WIRE WHITE	295	32.45
WR2A1-1	11116	155933 - 10 AWG 2CONDUCTOR THREE WIRE FOR GOLF CARTS CHA	200	330.00
WR2A1-1	19214	14 THHN WIRE GRAY - 14 AWG WIRE GRAY	175	19.25
WR2A1-1	20728	OPTICAL FIBER CABLE - FIBER OPTICAL CABLE-62.5/125umW/900 BUFFER	200	1658.00
WR2A1-1	22087	RG6/U - COMMNET CABLE TO LIFTS	240	26.40
WR2A1-1	63877	0700542 - 14/3 BLACK SOOW 90 PORTABLE CORD	200	288.00
WR2A1-1	63960	60046 - 22-16 AWG INSULATED DISCONNECT FEMALE RED	200	26.00
WR2A1-1	63961	58510 - 12-10 AWG INSULATED DISCONNECT FEMALE YELLOW	200	28.00
WR2A1-1	63962	60047 - 22-16 AWG INSULATED DISCONNECT MALE RED	200	26.00
WR2A1-1	63963	60049 - 16-14 AWG INSULATED DISCONNECT MALE BLUE	200	26.00
WR2A1-1	63964	58563 - 12-10 AWG INSULATED CONNECT DOUBLE CRIMP YELLOW	200	34.00
WR2A1-1	63965	60050 - 22-16 AWG FULLY INSULATED DISCONNECT MALE RED	200	38.00
WR2A1-1	63966	60052 - 16-14 AWG FULLY INSULATED DISCONNECT MALE BLUE	200	26.00
WR2A1-1	63967	0705165 - 12-10 AWG FULLY INSULATED DICONNECT MALE YELLOW	200	46.00
WR2A1-1	63968	60032 - 22-16 AWG RING TERMINAL #10 INSULATED RED	200	22.00
WR2A1-1	63969	60037 - 16-14 AWG RING TERMINAL #10 INSULATED BLUE	200	22.00
WR2A1-1	63970	60042 - 12-10 AWG RING TERMINAL #10 INSULATED YELLOW	200	44.00
Z1-A	19686	B3750S990HL/24/100 - BELT TRANSNORM 90 DEG 24" HELIX	1	2395.00
Z1-A	19708	B4938N96180FL/100 - BELT TRANSNORM 180 DEG FLAT (500177)	1	3495.00
Z1-A	19715	B4938N96180FL/100 - BELT TRANSNORM 180 DEG FLAT LACED	1	3495.00
Z1-A	19718	B4938S69180HV/60/100 - BELT TRANSNORM 180 DEG 60" HELIX	1	3400.00
Z1-A	19837	B6838S6990HV/45/100 - BELT TRANSNORM 90 DEG 45" HELIX (68 x 38)	1	2250.00
Z1-A	19838	B6844S58180HC/78/100 - BELT TRANSNORM 180 DEG 78 HELIX (68 x 44)	1	2350.00
Z1-B	19742	B4938S6990HV12/100 - BELT TRANSNORM 90 DEG 12" HELIX	1	3238.52
Z1-B	19744	B4938S96120FL/100 - BELT TRANSNORM 120 DEG FLAT LACED	1	3231.18
Z1-B	19747	B4938S9640FL/100 - BELT TRANSNORM 40 DEG FLAT(409060)	3	4104.00

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DEN Spare Parts

Z1-B	19765	B4938S9650FC/100 - BELT TRANSNORM 50 DEG FLAT	5	8170.00
Z1-B	19769	B4938S9660FL/100 - BELT TRANSNORM 60 DEG FLAT	2	5400.00
Z1-B	19788	B4938S9690HL/36/100 - BELT TRANSNORM 90 DEG 36" HELIX	2	4790.00
Z1-C	19717	B4938S6945HL/8.25/10 - BELT TRANSNORM 45 DEG 8.25 HELIX LACED	1	1840.00
Z1-C	19721	B4938S6945HL/11/100 - BELT TRANSNORM 45 DEG 11" HELIX LACED	1	1840.00
Z1-C	19722	B4938S6945HL/12/100 - BELT TRANSNORM 45 DEG 12" HELIX LACED	1	1840.23
Z1-C	19724	B4938S6945HL/3.25/10 - BELT TRANSNORM 45 DEG 3.25 HELIX	2	3680.46
Z1-C	19725	B4938S6945HV/8.25/10 - BELT TRANSNORM 45 DEG 8.25" HELIX	2	3680.46
Z1-C	19823	B5538S6990HV/36/100 - BELT TRANSNORM 90 DEG 36" HELIX 5538	1	2350.00
Z1-C	19842	B7438S5890HL/47/100 - BELT TRANSNORM CLAIMS 2,5,8 AND 18 (901214)74X38	1	2575.00
Z1-C	19843	B7438N5890HC/47/100PG - TRANSNORM BELT C170-39	1	0.00
Z1-D	19730	B4938S6990HL/18/100 - BELT TRANSNORM 90 DEG 18" HELIX	2	6477.04
Z1-D	19740	B4938S6990HL/36/100 - BELT TRANSNORM 90 DEG 36"HELIX	2	6500.00
Z1-D	19741	B4938S6990HL/47/100 - BELT TRANSNORM 90 DEG 47" HELIX UAL	2	7600.00
Z1-D	19832	B67.550S9690FL/140 - BELT TRANSNORM 90 DEG FLAT (67.5 x 55)	1	2350.00
Z2-A	19739	B4938S6990HL/30/100 - BELT TRANSNORM 90 DEG 30" HELIX (901356)	2	5163.40
Z2-A	19835	B67550S9640FL/140 - BELT TRANSNORM 40 DEG FLAT (67.5 X 50)	1	2143.90
Z2-A	64261	B67.9-44N58179HC/77.5/100P ###	1	4416.00
Z2-B	10159	B4938S69135HV/43/100 - BELT TRANSNORM 135 DEG HELIX 43	1	3569.00
Z2-B	19703	B4938N6930HC/10/100 - BELT TRANSNORM 30 DEG 10" HELIX	2	1984.00
Z2-B	20932	P49387IO/100 - PULLEY DRIVE 45 DEG 12" HELIX TS1500/100	2	1605.24
Z2-B	40810	B4938N6945HC/6/100PG	2	0.00
Z2-C	19702	B4938S69136HC/36.25/ - BELT TRANSNORM 136 DEG 36.25 HELIX (409075	3	7252.56
Z2-C	19720	B4938S6930HV/8/100 - BELT TRANSNORM 30 DEG 8" HELIX	2	2738.62
Z2-C	19726	B4938S6946HC/12.25/1 - BELT TRANSNORM 46 DEG 12.25" HELIX 901140	2	3594.80
Z2-C	19734	B4938N5890HC/9/100PG - BELT TRANSNORM 90 DEG 9"HELIX	2	4609.00
Z2-C	19738	B4938S6990HL/24/100 - BELT TRANSNORM 90 DEG 24"HELIX	1	2275.00
Z2-C	19745	B4938S96130FV/100 - BELT TRANSNORM 130 DEG FLAT	1	3731.18
Z2-C	64260	FISODD/90DEG.B6844N5890HC/39/100PG	1	2584.00
Z2-D	19707	B4938N6990HC/22/100PG - BELT TRANSNORM 90 DEG 22"HELIX LACED	1	2581.70
Z4-A	10796	C-5036 FLAT DRIVE RO - ROLLER 90 DEG FLAT DRIVE	4	3400.00
Z4-A	14899	550313 - BELT POWERTURN C4838 15 DEG	1	2188.73
Z4-A	26001	717927 - C4838 SP90 SR 232L 36ED	1	2173.50
Z4-B	11377	409058 - BELT ASSY C5036 SP90 228L 18ED	2	0.00
Z4-B	40278	ds - BELT POWERTURN 90DEG 8" DROP	1	2700.00
Z4-D	13761	402493 - C4838 90 DEG (PORTEC)	1	1284.57
Z5-B	10070	P55387/90/36/100 - PULLEY TAIL 90 DEG 36" HELIX TRANSNORM	1	801.30

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Z5-B	10084	P49387/90/18/100 - PULLEY TAIL 90 DEG 18 HELIX TRANSNORM	1	801.30
Z5-B	10233	P49387/30/10/100 - PULLEY TAIL TRANSNORM 30DEG 10" HELIX (49X38)	3	2100.00
Z5-B	10234	P49387/135/33/100 - PULLEY TAIL TRANSNORM 135DEG 33"HELIX (49X38)	1	700.00
Z5-B	10240	P74387/90/47/140 - PULLEY TAIL TRANSNORM 90DEG 47"HELIX (74X38)	2	1400.00
Z5-B	10241	P59387/100 - PULLEY TAIL TRANSNORM FLAT (59X38)	1	700.00
Z5-B	10261	P49387/90/33.125/100 - PULLEY TAIL 90 DEG 33.125 HELIX 4938	5	3500.00
Z5-B	20874	P49387/136/36.25/100 - PULLEY TAIL 136 DEG 36.25" HELIX TRANSNORM	1	801.30
Z5-B	20886	P49387/30/8/100 - PULLEY TAIL 30 DEG 8 HELIX TRANSNORM	2	1467.40
Z5-B	20890	P49387/45/3.25/100 - PULLEY TAIL 45 DEG 3.25 HELIX TRANSNORM	1	801.30
Z5-B	20893	P49387/46/12.25/100 - PULLEY TAIL 46 DEG 12.25 HELIX TRANSNORM	3	2403.90
Z5-B	20896	P49387/60/16/100 - PULLEY TAIL 60 DEG 16" HELIX TRANSNORM	1	801.30
Z5-B	20902	P49387/90/30/100 - PULLEY TAIL 90 DEG 30 HELIX TRANSNORM	1	801.30
Z5-B	20903	P49387/90/9/100 - PULLEY TAIL ROLLER 90 DEG 9 HELIX TRANSNORM	4	3205.20
Z5-C	10238	P68447/90/39/100-PULLEY TAIL TRANSNORM 90DEG 39" HELIX	1	700.00
Z5-C	10239	P68447/140 - PULLEY TAIL FLAT (68X44)	1	700.00
Z5-C	20869	P49387/100 - PULLEY TAIL TS-1500/100 FLAT IR49" N38"	4	3110.36
Z5-C	20873	P49387/135/43/100 - PULLEY TAIL 135 DEG 43" HELIX TRANSNORM	1	801.30
Z5-C	20888	P49387/45/11/100 - PULLEY TAIL 45 DEG 11 HELIX TRANSNORM	1	802.62
Z5-C	20889	PULLEY TAIL 45 DEG 12 HELIX TRANSNORM	3	2407.86
Z5-C	20892	P49387/45/8.25/100 - PULLEY TAIL 45 DEG 8.25 HELIX TRANSNORM	1	801.30
Z5-C	20900	P49387/90/12/100 - PULLEY TAIL 90 DEG 12 HELIX TRANSNORM	6	4807.80
Z5-C	20901	PULLEY TAIL 90 DEG 24 HELIX TRANSNORM	1	801.30
Z5-C	63881	P49387IO/90/22/100 - PULLEY TAIL 90 DEGREE 22" HELIX	4	2136.00
Z5-D	10242	P67.5507/90/36/140 - PULLEY TAIL TRANSNORM 90DEG 36" HELIX (67.5X50)	1	700.00
Z5-D	10243	P67.5507/140 - PULLEY TAIL TRANSNORM FLAT (67.5X50)	3	2100.00
Z5-D	10262	P67.550/90/39/140 - PULLEY TAIL 90 DEG 39 HELIX 1400 (67.550)	1	700.00
Z5-D	10272	P67.5507I/90/36/140 - PULLEY DRIVE 90 DEG 36 HELIX (67.5X50)	1	700.00
Z5-D	20937	P49387IO/46/12.25/10 - PULLEY DRIVE 12.25 HELIX 46 DEG. TRANSNORM	2	1605.24
Z5-D	20941	P49387IO/90/30/100 - PULLEY DRIVE TRANSNORM 90 DEG. 30"HELIX IO	1	802.62
Z5-D	20942	P49387IO/90/33.125/1 - PULLEY DRIVE I/O 90 DEG 33.125 HELIX 4938	1	689.00
Z6-A	10245	52928 - ROLLER RETURN RUBBER 38W 3-1/2DIA	2	400.00
Z6-A	12907	295-0103-360 - SNUB ROLLER W/SHAFT 36" X 4"	4	726.00
Z6-A	13442	PULLEY, QUEUE, SNUB, 57BG, 4DIA, FLAT, 1045 TGP SHAFT, WELDMENT	2	560.00
Z6-A	18936	03004-X66 - ROLLER SUPPORT 57-1/2 X 3-1/2" UAL ODD SIZE	4	1596.00
Z6-A	19448	39 X 3-1/2 ROLLER - ROLLER RETURN 39W X 3-1/2DIA	3	375.00
Z6-B	10246	44-1/2 X 6 - ROLLER TAIL 44-1/2W 6DIA	5	400.00
Z6-B	13128	30 X 5 1/2 - ROLLER TAIL 30W X 5-1/2DIA	7	1400.00

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DEN Spare Parts

Z6-B	17249	9940-A-51 - PULLEY FF 3/8L 4 X 50 X1- 7/16"	15	1275.00
Z6-B	17255	9944-A-51 - PULLEY 6IN DIA X 50IN W 1-7/16 TF	9	1440.00
Z6-C	13313	36 X 4 - ROLLER RETURN 36W X 4DIA (NON-WELD)	88	8800.00
Z6-C	13449	38401 L38 - ROLLER TAIL 38W X 4DIA	40	6960.00
Z6-C	13460	38601-38L - ROLLER TAIL 38W X 6DIA	23	1035.00
Z6-D	13461	38601-47L - ROLLER HEAD/TAIL 47W X 6DIA	6	1500.00
Z6-D	13478	38801-47L - ROLLER HEAD/TAIL 47W X 6-1/2DIA	3	660.00
Z7-A	10248	50 X 8-1/2 - PULLEY TAIL 50W 8-1/2DIA	6	480.00
Z7-A	10249	50 X 6-3/4 - PULLEY TAIL 50W 6-3/4DIA	4	320.00
Z7-A	13473	38701-47L - ROLLER DRIVE 47W X 8-3/4DIA	2	440.00
Z7-B	13459	38601-36L - ROLLER 36 X 6	18	3120.84
Z7-B	13477	38801-38L - ROLLER DRIVE 38W X 10-1/2DIA	1	180.00
Z7-C	19577	600HNIC1840 D/RX - REDUCER 40:1 ELECTRA GEAR	1	679.00
r18a4-1	63985	450H-TAK - TORQUE ARM KIT	1	50.35

\$ 2,264,362.82

* Parts bin, item number, description, count, and value are subject to change

Summary Details

	0	Motor OB 2.5HP	1
Scissor Lift	3	Tote scissor lift conveyor	1
Motor OB 2.5HP	1	Tote scissor lift conveyor	2
1 ton electric chain hoist (Dayton)	1 Ea	1/2 ton manual chain hoist	1 Ea
1024 x 768 Cube Monitors	8 Ea	2 ton manual chain hoist (Dayton)	1 Ea
36 volt Battery discharge unit	1 Ea	36" Belt Cutter	1 Ea
3Com 3800 Series 24 port	16 Ea	3Com XRN 5800 series 48 port	2 Ea
6" grinder (B&D)	2 Ea	AB Digital module, 110V AC input, 16 I/O	209 Ea
AB Digital module, 110V AC output, 16 I/O	102 Ea	AB Digital module, 24V DC input, 16 I/O	15 Ea
AB RSLogix 5 Programming Suite	1 Ea	AB RSLogix 500 Programming Suite	1 Ea
AB RSLogix 5000 programming suite	1 Ea	Accelerometer	1 Ea
Air compressor	1 Ea	APC Keyboard/touchpad/combo	2 Ea
APC smart UPS 2200XL	14 Ea	APC smart UPS 3000XL	4 Ea
APC UPS battery pack	18 Ea	Appendix H workstation	7 Ea
ARINC Proprietary Application Interface Software	4 Ea	ARINC Proprietary Application Server Software	4 Ea
Back-up module	10 Ea	Badge reader	72 Ea
Bag Measuring Device	1 Ea	Bag tag reader	55 Ea
Belt Hog Pulley alignment tool	1 Ea	Bench top drill press ()	1 Ea
Bench top drill press (Dayton)	1 Ea	Blue storage bins	24 Ea
Box Racking 1 bay 5 shelves	2 Ea	Box Racking 1 bay 6 shelves	6 Ea
Box Racking 1 bay 7 shelves	5 Ea	BSM Carrier Interface workstation	4 Ea
BSM Gateway Server	4 Ea	CD/DVD R combo	10 Ea
CD/DVD RW combo	4 Ea	CD-R drive	39 Ea
CD-RW drive	3 Ea	Christie DisplayMaster Graphics Output Module 4 port	2 Ea
Christie Mastersuite 3.1	1 Ea	Christie RGBMaster RGB input Module 2 port	1 Ea
CI	6 Ea	Cisco router/firewall, 2800 series	3 Ea
Cisco switch, Catalyst 3560G 24+4 port 10/100/1000 BaseT	4 Ea	Claim unit, slope-plate	21 Ea
Columbus McKinnon RT 3 Ton Hoist	5 Ea	Contactora, non-reversing	3204 Ea
Contactora, reversing	438 Ea	Control station	1588 Ea
ControlNet bridge	68 Ea	ControLogix interface	13 Ea
Conveyor decline	203 Ea	Conveyor incline	177 Ea
Conveyor incline/decline	21 Ea	Conveyor load	42 Ea
Conveyor OS decline	33 Ea	Conveyor OS incline	12 Ea
Conveyor OS load	10 Ea	Conveyor OS straight	49 Ea
Conveyor OS unload	7 Ea	Conveyor straight	658 Ea
Conveyor ticketing	29 Ea	CT-80	3 Ea
CT-80 XLDR	1 Ea	CTX9000	32 Ea
CTX9400	2 Ea	Dbase Ctree Server	14 Ea
Door	56 Ea	Dual EtherNet Adapter 10/100/1000 BaseT	25 Ea
Dual Power supplies	58 Ea	Duplex	78 Ea
Dynameter (Dillon)	1 Ea	Electric Winch (Dayton)	2 Ea
ETD	62 Ea	EtherNet Adapter 10/100/1000 BaseT	12 Ea
EtherNet interface	9 Ea	External braking resistor	16 Ea
External Multitech Multimaster Modem	2 Ea	Flexco Belt Lacer 40"	1 Ea
Floppy 1.44 MB	15 Ea	Fork Lift HYSTER	1 Ea
Fuse	6379 Ea	Gateway Interface	2 Ea
Graphic Workstation GSM	2 Ea	Graphics System Server	6 Ea
Graphics Workstation Client	2 Ea	HD 250 Gb, 10000 RPM eSATA	7 Ea
HD 36GB, 7200 RPM Scsii	1 Ea	HD 500 Gb, 10000 RPM eSATA	3 Ea
HD 60 GB hard drive	7 Ea	HD 70 Gb, 10000 RPM eSATA	2 Ea

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

HD 80 Gb, 7200 RPM eSATA	6 Ea	HD Raid 1 + Spare, 18 Gb, 15k RPM Scsii	2 Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	28 Ea	HD Raid 1, 36 Gb, 7200 RPM Scsii	4 Ea
HD RAID 1, 36GB, 15k RPM Scsii	2 Ea	HD Raid 5 + spare, 146 Gb, 10k RPM SAS 2.5	4 Ea
HD Raid 5, 300 Gb, 10k RPM Scsii	14 Ea	High-speed diverter	126 Ea
Hoist trolley 3 ton	4 Ea	HP 17" LCD 1200x1600 native resolution	2 Ea
HP 7600 Series SFF, Intel dual core	7 Ea	HP D7800 SFF Pentium 3.4 GHz	6 Ea
HP D9600 Intel SFF PC	7 Ea	HP DL380/G4 Dual Intel Xenon 3.4 GHz	12 Ea
HP DL380/G5 Dual Intel Xenon Quad-Core Processor	4 Ea	HP ML 370/G3	1 Ea
HP ML330 Intel Xenon, 2.8 GHz	2 Ea	HP ML370/G3 Dual IBM Intel Xenon, 2.8 GHz	3 Ea
HP Storageworks Dat 40	16 Ea	Intermec Easy Loader F2 Bag Tag Reader	1 Ea
JVC Monitor TM-A9V	1 Ea	Keyboard/touchpad/19" LCD combo	1 Ea
KVM switch 16 port primary	1 Ea	KVM switch 16 port slave	1 Ea
KVM switch, Avocent 1415 8 port	2 Ea	Limit switch	218 Ea
Lincoln TIG200 SquareWave Welder	1 Ea	Maintenance intervention control station (MICS)	604 Ea
Make-up unit, flat-plate w/ plow merge	6 Ea	Make-up unit, slope-plate	16 Ea
MCP cabinet	154 Ea	Merge OS, 45 deg	3 Ea
Merge, 45 deg	129 Ea	Miller Matic wire feed welder	1 Ea
Motor 7.5HP	2 Ea	Motor IB 1.5HP	86 Ea
Motor IB 1HP	24 Ea	Motor IB 2HP	51 Ea
Motor IB 3HP	60 Ea	Motor IB 5HP	59 Ea
Motor IB 7.5HP	21 Ea	Motor OB 1.5HP	100 Ea
Motor OB 1HP	67 Ea	Motor OB 2HP	1863 Ea
Motor OB 3HP	342 Ea	Motor OB 5HP	254 Ea
Motor OB 7.5HP	8 Ea	Motor OS 1.5HP	18 Ea
Motor OS 1HP	87 Ea	Motor OS 2HP	171 Ea
Motor OS 3HP	44 Ea	Motor OS 5HP	31 Ea
Movimot	6 Ea	NEC 20.1 LCD 1200x1600 native resolution	15 Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	8 Ea	NTRON 10/100BaseT & 100BaseFX 16 port	19 Ea
Oddsized Roll Bars	4 Ea	Oversize pax slide	7 Ea
Oversize Pflow lift	23 Ea	Oversize unload slide	8 Ea
Pager Alarm System (ZETRON 6408)	1 Ea	Pallet Racking 1 bay 2 shelves	1 Ea
Pallet Racking 1 bay 3 shelves	28 Ea	Pallet Racking 1 bay 6 shelves	2 Ea
Pallet Racking 1+ bay 3 shelves	1 Ea	Pallet Racking 1+ bay 4 shelves	3 Ea
Panel Heater	40 Ea	Patch panel 48 way	2 Ea
PCB Signal conditioner	1 Ea	Pet Lift	2 Ea
Photo eye	3020 Ea	PLC Allen Bradley 5500	10 Ea
PLC Allen Bradley PLC5	13 Ea	PLC Allen Bradley SLC500	18 Ea
PLC Siemens S7	78 Ea	PLC Square D Symax	39 Ea
Power supply, 24 VDC	257 Ea	Power turn OS, 45 deg	7 Ea
Power turn OS, 90 deg	34 Ea	Power turn OS, spiral, 180 deg	4 Ea
Power turn OS, spiral, 90 deg	7 Ea	Power turn, 135 deg	1 Ea
Power turn, 180 deg	5 Ea	Power turn, 30 deg	21 Ea
Power turn, 45 deg	283 Ea	Power turn, 60 deg	5 Ea
Power turn, 90 deg	279 Ea	Power turn, spiral, 135 deg	3 Ea
Power turn, spiral, 15 deg	1 Ea	Power turn, spiral, 180 deg	70 Ea
Power turn, spiral, 30 deg	6 Ea	Power turn, spiral, 45 deg	7 Ea
Power turn, spiral, 90 deg	97 Ea	Profibus interface	279 Ea
pTRI	100 Ea	Quadplex	14 Ea
Queue belt	826 Ea	Queue belt (ext)	31 Ea
Queue belt OS	13 Ea	Rack 19" APC internal shelf	6 Ea
Rack 19" APC Netshelter 42U	3 Ea	Rack 19" Encore 52U, glass front door	5 Ea
Rack 19" Encore Fan assembly	5 Ea	Radios	10 Ea
RAID Controller 64 bit SCSI	8 Ea	Raid Controller Smart Array 6402	3 Ea

Appendix C BHS Equipment Inventory

DEN Inventory

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Raid Controller Smart Array 6i	11 Ea	Raid Controller Smart Array P400/512	4 Ea
Ram 1GB	14 Ea	RAM 1GB ECC	2 Ea
RAM 2GB	22 Ea	RAM 2GB ECC	12 Ea
RAM 3.25 GB ECC	4 Ea	RAM 3GB	2 Ea
Regulator	12 Ea	Relay	5930 Ea
relays	195 Ea	relays (electronic)	174 Ea
Rocket port 4Si	19 Ea	Run lanyard	11 Ea
S7 Digital module, 110 VAC output	52 Ea	S7 Digital module, 24V DC input, 16 I/O	1137 Ea
S7 Digital module, 24V DC output, 16 I/O	864 Ea	S7 EtherNet interface 100 BaseT	62 Ea
S7 Power supply, 10A 5V	124 Ea	S7 Repeater module	195 Ea
Safetronics VFD	16 Ea	Sanyo Digital Color CCTV camera	1 Ea
SCADA GSM Client	2 Ea	SCADA WinCC Client	3 Ea
SCADA WinCC Server, Dbase SQL	6 Ea	SCADA WinCC Server, WebNav, Dbase SQL	1 Ea
SCO Unix 5.0	2 Ea	SCO Unix 6.0	12 Ea
Seal replacement tool kit	1 Ea	Security door	105 Ea
Shaft encoder	414 Ea	Siemens 15" Graphics touch panel	16 Ea
Siemens Proprietary Sort Controller	14 Ea	Siemens Proprietary UUI	1 Ea
Siemens Step7 Programming suite	1 Ea	Ski claim	6 Ea
Soft start	22 Ea	Solonoid	46 Ea
Sort Controller Server	14 Ea	Super Circuit time Lapse Recorder VCR1280	1 Ea
Surveyors tripod	1 Ea	Symax Digital module, 110V AC input, 16 I/O	143 Ea
Symax Digital module, 110V AC output, 16 I/O	118 Ea	Symax PLC Programming suite	1 Ea
Symax Power Supply external	15 Ea	Symax Power Supply internal	9 Ea
Symbol LS3408 wireless hand-scanner/cradle	20 Ea	Takeaway, 45 deg	60 Ea
Toshiba Satelitte Pro (RS232 Serial port)	1 Ea	Tote conveyor	78 Ea
Tote lift conveyor	19 Ea	Tote load conveyor	10 Ea
Tote raise/lower conveyor	20 Ea	Tote sizzor lift conveyor	2 Ea
Tote unload conveyor	5 Ea	Transformer	286 Ea
TRI	23 Ea	TRI (shared w/ 3E)	3 Ea
User Interface (IE)	1 Ea	User interface (Native Unix)	1 Ea
User Interface (Putty)	6 Ea	UUI Server	1 Ea
Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	19 Ea	Vertical sorter unit	1 Ea
VFD	185 Ea	VPN Server	1 Ea
Warning alarm	440 Ea	WebNav Server	1 Ea
Windows 2000 Adv Server, SP4	7 Ea	Windows 2000 Server, SP4	2 Ea
Windows 2003 Server Enterprise, SP2	1 Ea	Windows 2003 Server R2, SP2	4 Ea
Windows 95	1 Ea	Windows Office 2003	1 Ea
Windows Vista, SP2	2 Ea	Windows XP, SP2	19 Ea
Windows XP, SP3	1 Ea	Wooden Racking 2 bay 5 shelves	3 Ea
Work Station Computer	6 Ea		
Conveyor length, decline	4252 lf	Conveyor length, incline	1850 lf
Conveyor length, straight	17311 lf	Conveyor OS decline	145 lf
Conveyor OS incline	88 lf	Conveyor OS straight	228 lf
Fiber	4920 lf	Secure fencing (Parts Storage)	180 lf
Carousel length, IB summary	4102 lf_tot	Carousel length, summary	3919 lf_tot
Conveyor length IB, summary	5272 lf_tot	Conveyor length, OB summary	30572 lf_tot
Conveyor length, OS summary	3070 lf_tot	Conveyor length, OS Tote summary	1369 lf_tot

END OF SUMMARY

Summary Details by Module

Module: CCD

Scissor Lift	3		
1 ton electric chain hoist (Dayton)	1 Ea	1/2 ton manual chain hoist	1 Ea
2 ton manual chain hoist (Dayton)	1 Ea	36 volt Battery discharge unit	1 Ea
36" Belt Cutter	1 Ea	6" grinder (B&D)	2 Ea
AB RSLogix 5 Programming Suite	1 Ea	AB RSLogix 500 Programming Suite	1 Ea
Accelerometer	1 Ea	Air compressor	1 Ea
Belt Hog Pulley alignment tool	1 Ea	Bench top drill press ()	1 Ea
Bench top drill press (Dayton)	1 Ea	Box Racking 1 bay 5 shelves	2 Ea
Box Racking 1 bay 6 shelves	6 Ea	Box Racking 1 bay 7 shelves	5 Ea
Columbus McKinnon RT 3 Ton Hoist	5 Ea	Dynameter (Dillon)	1 Ea
Electric Winch (Dayton)	2 Ea	Flexco Belt Lacer 40"	1 Ea
Fork Lift HYSTER	1 Ea	Hoist trolley 3 ton	4 Ea
Intermec Easy Loader F2 Bag Tag Reader	1 Ea	JVC Monitor TM-A9V	1 Ea
Lincoln TIG200 SquareWave Welder	1 Ea	Miller Matic wire feed welder	1 Ea
Pager Alarm System (ZETRON 6408)	1 Ea	Pallet Racking 1 bay 2 shelves	1 Ea
Pallet Racking 1 bay 3 shelves	28 Ea	Pallet Racking 1 bay 6 shelves	2 Ea
Pallet Racking 1+ bay 3 shelves	1 Ea	Pallet Racking 1+ bay 4 shelves	3 Ea
PCB Signal conditioner	1 Ea	Radios	10 Ea
Sanyo Digital Color CCTV camera	1 Ea	Seal replacement tool kit	1 Ea
Super Circuit time Lapse Recorder VCR1280	1 Ea	Surveyors tripod	1 Ea
Symax PLC Programming suite	1 Ea	Toshiba Satellite Pro (RS232 Serial port)	1 Ea
Windows 95	1 Ea	Wooden Racking 2 bay 5 shelves	3 Ea
Secure fencing (Parts Storage)	180 lf		

Module: 1E

Tote scissor lift conveyor	1		
Tote scissor lift conveyor	1		
Appendix H workstation	1 Ea	Badge reader	14 Ea
Bag tag reader	8 Ea	CD-R drive	1 Ea
CI	1 Ea	Claim unit, slope-plate	3 Ea
Contactora, non-reversing	531 Ea	Contactora, reversing	102 Ea
Control station	268 Ea	Conveyor decline	37 Ea
Conveyor incline	24 Ea	Conveyor incline/decline	5 Ea
Conveyor load	9 Ea	Conveyor OS decline	4 Ea
Conveyor OS straight	1 Ea	Conveyor straight	81 Ea
Conveyor ticketing	7 Ea	CT-80 XLDR	1 Ea
CTX9000	5 Ea	Door	10 Ea
Duplex	13 Ea	ETD	10 Ea
External braking resistor	4 Ea	Fuse	933 Ea
HD 60 GB hard drive	1 Ea	High-speed diverter	16 Ea
HP D9600 Intel SFF PC	1 Ea	Limit switch	20 Ea
Maintenance intervention control station (MICS)	83 Ea	Make-up unit, slope-plate	4 Ea
MCP cabinet	23 Ea	Merge, 45 deg	21 Ea
Motor IB 1.5HP	17 Ea	Motor IB 1HP	3 Ea
Motor IB 2HP	2 Ea	Motor IB 3HP	10 Ea
Motor IB 5HP	8 Ea	Motor IB 7.5HP	2 Ea
Motor OB 1.5HP	14 Ea	Motor OB 1HP	18 Ea
Motor OB 2HP	279 Ea	Motor OB 3HP	57 Ea
Motor OB 5HP	43 Ea	Motor OB 7.5HP	4 Ea

CCD - Hardware

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

Motor OS 1.5HP	4 Ea	Motor OS 1HP	28 Ea
Motor OS 2HP	20 Ea	Motor OS 3HP	11 Ea
Motor OS 5HP	7 Ea	NEC 20.1 LCD 1200x1600 native resolution	1 Ea
NTRON 10/100BaseT & 100BaseFX 16 port	3 Ea	Oversize pax slide	1 Ea
Oversize Pflow lift	4 Ea	Oversize unload slide	2 Ea
Panel Heater	11 Ea	Photo eye	440 Ea
PLC Allen Bradley PLC5	4 Ea	PLC Allen Bradley SLC500	4 Ea
PLC Siemens S7	12 Ea	PLC Square D Symax	9 Ea
Power supply, 24 VDC	40 Ea	Power turn OS, 90 deg	2 Ea
Power turn, 30 deg	6 Ea	Power turn, 45 deg	35 Ea
Power turn, 90 deg	50 Ea	Power turn, spiral, 135 deg	1 Ea
Power turn, spiral, 180 deg	12 Ea	Power turn, spiral, 45 deg	2 Ea
Power turn, spiral, 90 deg	13 Ea	Profibus interface	46 Ea
pTRI	15 Ea	Queue belt	127 Ea
Queue belt (ext)	27 Ea	Ram 1GB	1 Ea
Regulator	4 Ea	Relay	789 Ea
relays	65 Ea	relays (electronic)	58 Ea
Rocket port 4Si	3 Ea	Run lanyard	3 Ea
S7 Digital module, 110 VAC output	8 Ea	S7 Digital module, 24V DC input, 16 I/O	198 Ea
S7 Digital module, 24V DC output, 16 I/O	148 Ea	S7 EtherNet interface 100 BaseT	12 Ea
S7 Power supply, 10A 5V	12 Ea	S7 Repeater module	25 Ea
Safetronics VFD	4 Ea	Security door	19 Ea
Shaft encoder	73 Ea	Siemens 15" Graphics touch panel	3 Ea
Ski claim	1 Ea	Soft start	4 Ea
Symax Digital module, 110V AC input, 16 I/O	45 Ea	Symax Digital module, 110V AC output, 16 I/O	37 Ea
Symax Power Supply external	5 Ea	Symax Power Supply internal	3 Ea
Symbol LS3408 wireless hand-scanner/cradle	3 Ea	Takeaway, 45 deg	5 Ea
Tote conveyor	26 Ea	Tote lift conveyor	8 Ea
Tote load conveyor	4 Ea	Tote raise/lower conveyor	8 Ea
Tote unload conveyor	2 Ea	Transformer	47 Ea
TRI	5 Ea	VFD	23 Ea
Warning alarm	65 Ea	Windows XP, SP2	1 Ea
Conveyor length, decline	757 lf	Conveyor length, incline	333 lf
Conveyor length, straight	2481 lf	Fiber	780 lf
Carousel length, IB summary	559 lf_tot	Carousel length, summary	677 lf_tot
Conveyor length IB, summary	775 lf_tot	Conveyor length, OB summary	5306 lf_tot
Conveyor length, OS summary	138 lf_tot	Conveyor length, OS Tote summary	522 lf_tot

Module: 1W

Appendix H Workstation	1 Ea	Badge reader	14 Ea
Bag tag reader	8 Ea	CD-R drive	1 Ea
CI	1 Ea	Claim unit, slope-plate	3 Ea
Contactora, non-reversing	527 Ea	Contactora, reversing	103 Ea
Control station	240 Ea	Conveyor decline	36 Ea
Conveyor incline	25 Ea	Conveyor incline/decline	5 Ea
Conveyor load	7 Ea	Conveyor OS decline	4 Ea
Conveyor OS load	2 Ea	Conveyor OS straight	2 Ea
Conveyor straight	83 Ea	Conveyor ticketing	6 Ea
CTX9000	5 Ea	Door	10 Ea
Duplex	12 Ea	ETD	10 Ea
External braking resistor	4 Ea	Fuse	934 Ea
HD 60 GB hard drive	1 Ea	High-speed diverter	15 Ea
HP D9600 Intel SFF PC	1 Ea	Limit switch	20 Ea

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

Maintenance intervention control station (MICS)	78 Ea	Make-up unit, slope-plate	4 Ea
MCP cabinet	23 Ea	Merge, 45 deg	19 Ea
Motor IB 1.5HP	17 Ea	Motor IB 1HP	3 Ea
Motor IB 2HP	2 Ea	Motor IB 3HP	10 Ea
Motor IB 5HP	8 Ea	Motor IB 7.5HP	2 Ea
Motor OB 1.5HP	14 Ea	Motor OB 1HP	18 Ea
Motor OB 2HP	282 Ea	Motor OB 3HP	57 Ea
Motor OB 5HP	43 Ea	Motor OS 1.5HP	4 Ea
Motor OS 1HP	28 Ea	Motor OS 2HP	20 Ea
Motor OS 3HP	11 Ea	Motor OS 5HP	7 Ea
NEC 20.1 LCD 1200x1600 native resolution	1 Ea	NTRON 10/100BaseT & 100BaseFX 16 port	3 Ea
Oversize pax slide	1 Ea	Oversize Pflow lift	4 Ea
Oversize unload slide	2 Ea	Panel Heater	11 Ea
Photo eye	433 Ea	PLC Allen Bradley PLC5	4 Ea
PLC Allen Bradley SLC500	4 Ea	PLC Siemens S7	12 Ea
PLC Square D Symax	7 Ea	Power supply, 24 VDC	40 Ea
Power turn OS, 90 deg	1 Ea	Power turn, 45 deg	50 Ea
Power turn, 90 deg	53 Ea	Power turn, spiral, 135 deg	1 Ea
Power turn, spiral, 180 deg	12 Ea	Power turn, spiral, 45 deg	1 Ea
Power turn, spiral, 90 deg	13 Ea	Profibus interface	47 Ea
pTRI	15 Ea	Queue belt	148 Ea
Ram 1GB	1 Ea	Regulator	4 Ea
Relay	788 Ea	relays	65 Ea
relays (electronic)	58 Ea	Rocket port 4Si	3 Ea
Run lanyard	1 Ea	S7 Digital module, 110 VAC output	8 Ea
S7 Digital module, 24V DC input, 16 I/O	195 Ea	S7 Digital module, 24V DC output, 16 I/O	149 Ea
S7 EtherNet interface 100 BaseT	7 Ea	S7 Power supply, 10A 5V	12 Ea
S7 Repeater module	25 Ea	Safetronics VFD	4 Ea
Security door	19 Ea	Shaft encoder	69 Ea
Siemens 15" Graphics touch panel	3 Ea	Ski claim	1 Ea
Soft start	4 Ea	Symax Digital module, 110V AC input, 16 I/O	45 Ea
Symax Digital module, 110V AC output, 16 I/O	37 Ea	Symax Power Supply external	5 Ea
Symax Power Supply internal	3 Ea	Symbol LS3408 wireless hand-scanner/cradle	3 Ea
Takeaway, 45 deg	5 Ea	Tote conveyor	30 Ea
Tote lift conveyor	6 Ea	Tote load conveyor	4 Ea
Tote raise/lower conveyor	8 Ea	Tote scissor lift conveyor	2 Ea
Tote unload conveyor	2 Ea	Transformer	47 Ea
TRI	3 Ea	VFD	24 Ea
Warning alarm	61 Ea	Windows XP, SP2	1 Ea
Conveyor length, decline	762 lf	Conveyor length, incline	270 lf
Conveyor length, straight	2738 lf	Fiber	1240 lf
Carousel length, IB summary	559 lf_tot	Carousel length, summary	677 lf_tot
Conveyor length IB, summary	785 lf_tot	Conveyor length, OB summary	5036 lf_tot
Conveyor length, OS summary	138 lf_tot	Conveyor length, OS Tote summary	522 lf_tot

Module: 2E

	0	Motor OB 2.5HP	1
Motor OB 2.5HP	1	Tote scissor lift conveyor	1
1 ton electric chain hoist (Dayton)	0 Ea	Appendix H Workstation	1 Ea
Badge reader	14 Ea	Bag tag reader	8 Ea
CD-R drive	1 Ea	CI	1 Ea
Claim unit, slope-plate	3 Ea	Contactora, non-reversing	527 Ea

CCD - Hardware

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

Contactor, reversing	103 Ea	Control station	240 Ea
Conveyor decline	36 Ea	Conveyor incline	33 Ea
Conveyor incline/decline	5 Ea	Conveyor load	6 Ea
Conveyor OS decline	5 Ea	Conveyor OS load	2 Ea
Conveyor OS straight	21 Ea	Conveyor straight	105 Ea
Conveyor ticketing	6 Ea	CTX9000	5 Ea
Door	10 Ea	Duplex	12 Ea
ETD	10 Ea	External braking resistor	4 Ea
Fuse	934 Ea	HD 60 GB hard drive	1 Ea
High-speed diverter	23 Ea	HP D9600 Intel SFF PC	1 Ea
Limit switch	20 Ea	Maintenance intervention control station (MICS)	78 Ea
Make-up unit, slope-plate	4 Ea	MCP cabinet	23 Ea
Merge, 45 deg	24 Ea	Motor IB 1.5HP	17 Ea
Motor IB 1HP	3 Ea	Motor IB 2HP	2 Ea
Motor IB 3HP	10 Ea	Motor IB 5HP	10 Ea
Motor IB 7.5HP	2 Ea	Motor OB 1.5HP	23 Ea
Motor OB 1HP	21 Ea	Motor OB 2HP	298 Ea
Motor OB 3HP	61 Ea	Motor OB 5HP	43 Ea
Motor OS 1.5HP	4 Ea	Motor OS 1HP	28 Ea
Motor OS 2HP	20 Ea	Motor OS 3HP	11 Ea
Motor OS 5HP	7 Ea	NEC 20.1 LCD 1200x1600 native resolution	1 Ea
NTRON 10/100BaseT & 100BaseFX 16 port	3 Ea	Oversize pax slide	1 Ea
Oversize Pflow lift	7 Ea	Oversize unload slide	2 Ea
Panel Heater	11 Ea	Photo eye	433 Ea
PLC Allen Bradley PLC5	4 Ea	PLC Allen Bradley SLC500	4 Ea
PLC Siemens S7	12 Ea	PLC Square D Symax	7 Ea
Power supply, 24 VDC	40 Ea	Power turn OS, 90 deg	6 Ea
Power turn, 180 deg	1 Ea	Power turn, 45 deg	51 Ea
Power turn, 90 deg	47 Ea	Power turn, spiral, 135 deg	1 Ea
Power turn, spiral, 180 deg	10 Ea	Power turn, spiral, 45 deg	1 Ea
Power turn, spiral, 90 deg	19 Ea	Profibus interface	47 Ea
pTRI	15 Ea	Queue belt	150 Ea
Queue belt (ext)	2 Ea	Queue belt OS	1 Ea
Ram 1GB	1 Ea	Regulator	4 Ea
Relay	788 Ea	relays	65 Ea
relays (electronic)	58 Ea	Rocket port 4Si	3 Ea
Run lanyard	1 Ea	S7 Digital module, 110 VAC output	8 Ea
S7 Digital module, 24V DC input, 16 I/O	195 Ea	S7 Digital module, 24V DC output, 16 I/O	149 Ea
S7 EtherNet interface 100 BaseT	7 Ea	S7 Power supply, 10A 5V	12 Ea
S7 Repeater module	25 Ea	Safetronics VFD	4 Ea
Security door	23 Ea	Shaft encoder	69 Ea
Siemens 15" Graphics touch panel	3 Ea	Ski claim	1 Ea
Soft start	4 Ea	Symax Digital module, 110V AC input, 16 I/O	45 Ea
Symax Digital module, 110V AC output, 16 I/O	37 Ea	Symax Power Supply external	5 Ea
Symax Power Supply internal	3 Ea	Symbol LS3408 wireless hand-scanner/cradle	3 Ea
Takeaway, 45 deg	10 Ea	Tote conveyor	10 Ea
Tote lift conveyor	2 Ea	Tote load conveyor	2 Ea
Tote raise/lower conveyor	4 Ea	Tote unload conveyor	1 Ea
Transformer	47 Ea	TRI	3 Ea
VFD	16 Ea	Warning alarm	61 Ea
Windows XP, SP2	1 Ea		
Conveyor length, decline	762 lf	Conveyor length, incline	375 lf
Conveyor length, straight	3353 lf	Fiber	480 lf

Appendix C BHS Equipment Inventory

DEN Inventory

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Carousel length, IB summary	480 lf_tot
Conveyor length IB, summary	776 lf_tot
Conveyor length, OS summary	396 lf_tot

Carousel length, summary	677 lf_tot
Conveyor length, OB summary	5397 lf_tot
Conveyor length, OS Tote summary	186 lf_tot

Module: 2W

Appendix H Workstation	1 Ea	Badge reader	7 Ea
Bag Measuring Device	1 Ea	Bag tag reader	11 Ea
CD-R drive	1 Ea	CI	1 Ea
Claim unit, slope-plate	3 Ea	Contactora, non-reversing	508 Ea
Contactora, reversing	25 Ea	Control station	261 Ea
Conveyor decline	33 Ea	Conveyor incline	23 Ea
Conveyor incline/decline	2 Ea	Conveyor load	6 Ea
Conveyor OS decline	14 Ea	Conveyor OS incline	6 Ea
Conveyor OS load	3 Ea	Conveyor OS straight	17 Ea
Conveyor OS unload	6 Ea	Conveyor straight	150 Ea
CT-80	2 Ea	CTX9000	6 Ea
Door	5 Ea	Duplex	21 Ea
ETD	10 Ea	Fuse	1348 Ea
HD 60 GB hard drive	1 Ea	High-speed diverter	26 Ea
HP D9600 Intel SFF PC	1 Ea	Limit switch	6 Ea
Maintenance intervention control station (MICS)	122 Ea	Make-up unit, flat-plate w/ plow merge	3 Ea
MCP cabinet	26 Ea	Merge OS, 45 deg	3 Ea
Merge, 45 deg	22 Ea	Motor IB 1.5HP	9 Ea
Motor IB 1HP	6 Ea	Motor IB 2HP	3 Ea
Motor IB 3HP	7 Ea	Motor IB 5HP	9 Ea
Motor IB 7.5HP	2 Ea	Motor OB 1.5HP	12 Ea
Motor OB 1HP	2 Ea	Motor OB 2HP	331 Ea
Motor OB 3HP	49 Ea	Motor OB 5HP	47 Ea
Motor OB 7.5HP	2 Ea	Motor OS 1.5HP	2 Ea
Motor OS 1HP	1 Ea	Motor OS 2HP	86 Ea
Motor OS 3HP	11 Ea	Motor OS 5HP	5 Ea
Movimot	6 Ea	NEC 20.1 LCD 1200x1600 native resolution	2 Ea
NTRON 10/100BaseT & 100BaseFX 16 port	4 Ea	Oddsize Roll Bars	2 Ea
Oversize pax slide	1 Ea	Oversize Pflow lift	2 Ea
Pet Lift	1 Ea	Photo eye	550 Ea
PLC Allen Bradley SLC500	2 Ea	PLC Siemens S7	16 Ea
PLC Square D Symax	5 Ea	Power supply, 24 VDC	54 Ea
Power turn OS, 45 deg	5 Ea	Power turn OS, 90 deg	17 Ea
Power turn OS, spiral, 90 deg	7 Ea	Power turn, 30 deg	4 Ea
Power turn, 45 deg	54 Ea	Power turn, 60 deg	4 Ea
Power turn, 90 deg	31 Ea	Power turn, spiral, 15 deg	1 Ea
Power turn, spiral, 180 deg	12 Ea	Power turn, spiral, 30 deg	2 Ea
Power turn, spiral, 45 deg	2 Ea	Power turn, spiral, 90 deg	23 Ea
Profibus interface	62 Ea	pTRI	16 Ea
Queue belt	137 Ea	Queue belt OS	12 Ea
Ram 1GB	1 Ea	Relay	1305 Ea
Rocket port 4Si	3 Ea	Run lanyard	1 Ea
S7 Digital module, 110 VAC output	10 Ea	S7 Digital module, 24V DC input, 16 I/O	232 Ea
S7 Digital module, 24V DC output, 16 I/O	176 Ea	S7 EtherNet interface 100 BaseT	16 Ea
S7 Power supply, 10A 5V	16 Ea	S7 Repeater module	32 Ea
Security door	12 Ea	Shaft encoder	64 Ea
Siemens 15" Graphics touch panel	3 Ea	Ski claim	1 Ea
Soft start	3 Ea	Symbol LS3408 wireless hand-scanner/cradle	3 Ea
Takeaway, 45 deg	14 Ea	Tote conveyor	12 Ea
Tote lift conveyor	3 Ea	Transformer	42 Ea

Appendix C BHS Equipment Inventory

DEN Inventory

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TRI	5 Ea	Vertical sorter unit	1 Ea
VFD	60 Ea	Warning alarm	80 Ea
Windows XP, SP2	1 Ea		
Conveyor length, decline	509 lf	Conveyor length, incline	227 lf
Conveyor length, straight	3030 lf	Fiber	940 lf
Carousel length, IB summary	599 lf_tot	Carousel length, summary	656 lf_tot
Conveyor length IB, summary	515 lf_tot	Conveyor length, OB summary	5271 lf_tot
Conveyor length, OS summary	1366 lf_tot	Conveyor length, OS Tote summary	139 lf_tot

Module: 3E

0

AB Digital module, 110V AC input, 16 I/O	202 Ea	AB Digital module, 110V AC output, 16 I/O	97 Ea
AB Digital module, 24V DC input, 16 I/O	15 Ea	Appendix H Workstation	1 Ea
Back-up module	10 Ea	Badge reader	14 Ea
Bag tag reader	8 Ea	CD-R drive	1 Ea
CI	1 Ea	Claim unit, slope-plate	3 Ea
Contactora, non-reversing	363 Ea	Contactora, reversing	69 Ea
Control station	207 Ea	ControlNet bridge	68 Ea
ControLogix interface	13 Ea	Conveyor decline	32 Ea
Conveyor incline	22 Ea	Conveyor load	4 Ea
Conveyor OS decline	6 Ea	Conveyor OS incline	2 Ea
Conveyor OS load	2 Ea	Conveyor OS straight	2 Ea
Conveyor straight	108 Ea	Conveyor ticketing	6 Ea
CT-80	1 Ea	CTX9000	4 Ea
CTX9400	2 Ea	Door	14 Ea
ETD	6 Ea	EtherNet interface	9 Ea
External braking resistor	4 Ea	Fuse	598 Ea
Gateway Interface	2 Ea	HD 60 GB hard drive	1 Ea
High-speed diverter	16 Ea	HP D9600 Intel SFF PC	1 Ea
Limit switch	146 Ea	Maintenance intervention control station (MICS)	76 Ea
Make-up unit, slope-plate	4 Ea	MCP cabinet	24 Ea
Merge, 45 deg	20 Ea	Motor IB 1.5HP	17 Ea
Motor IB 1HP	3 Ea	Motor IB 2HP	2 Ea
Motor IB 3HP	10 Ea	Motor IB 5HP	8 Ea
Motor IB 7.5HP	2 Ea	Motor OB 1.5HP	25 Ea
Motor OB 1HP	6 Ea	Motor OB 2HP	247 Ea
Motor OB 3HP	58 Ea	Motor OB 5HP	19 Ea
Motor OS 1.5HP	4 Ea	Motor OS 1HP	2 Ea
Motor OS 2HP	25 Ea	Motor OS 5HP	5 Ea
NEC 20.1 LCD 1200x1600 native resolution	1 Ea	Oversize pax slide	1 Ea
Oversize Pflow lift	6 Ea	Oversize unload slide	2 Ea
Panel Heater	4 Ea	Photo eye	390 Ea
PLC Allen Bradley 5500	10 Ea	PLC Allen Bradley SLC500	4 Ea
PLC Square D Symax	3 Ea	Power supply, 24 VDC	15 Ea
Power turn OS, 45 deg	2 Ea	Power turn OS, 90 deg	2 Ea
Power turn, 180 deg	1 Ea	Power turn, 30 deg	6 Ea
Power turn, 45 deg	34 Ea	Power turn, 90 deg	38 Ea
Power turn, spiral, 180 deg	12 Ea	Power turn, spiral, 45 deg	1 Ea
Power turn, spiral, 90 deg	15 Ea	pTRI	15 Ea
Quadplex	14 Ea	Queue belt	146 Ea
Ram 1GB	1 Ea	Relay	670 Ea
Rocket port 4Si	1 Ea	Run lanyard	2 Ea
S7 Digital module, 24V DC input, 16 I/O	2 Ea	S7 Digital module, 24V DC output, 16 I/O	2 Ea
S7 Power supply, 10A 5V	46 Ea	S7 Repeater module	40 Ea

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

Safetronics VFD	4 Ea	Security door	19 Ea
Shaft encoder	53 Ea	Ski claim	1 Ea
Soft start	4 Ea	Solonoid	46 Ea
Symbol LS3408 wireless hand-scanner/cradle	3 Ea	Takeaway, 45 deg	11 Ea
Transformer	48 Ea	TRI	3 Ea
Warning alarm	57 Ea	Windows XP, SP2	1 Ea
Conveyor length, decline	621 lf	Conveyor length, incline	195 lf
Conveyor length, straight	1992 lf	Conveyor OS straight	3 lf
Fiber	180 lf		
Carousel length, IB summary	602 lf_tot	Carousel length, summary	576 lf_tot
Conveyor length IB, summary	794 lf_tot	Conveyor length, OB summary	3952 lf_tot
Conveyor length, OS summary	692 lf_tot		

Module: 3W

Appendix H Workstation	1 Ea	Badge reader	7 Ea
Bag tag reader	10 Ea	CD-R drive	1 Ea
CI	1 Ea	Claim unit, slope-plate	3 Ea
Contactora, non-reversing	517 Ea	Contactora, reversing	27 Ea
Control station	259 Ea	Conveyor decline	29 Ea
Conveyor incline	34 Ea	Conveyor incline/decline	4 Ea
Conveyor load	4 Ea	Conveyor OS straight	2 Ea
Conveyor straight	119 Ea	Conveyor ticketing	4 Ea
CTX9000	5 Ea	Door	5 Ea
Duplex	16 Ea	ETD	10 Ea
Fuse	1293 Ea	HD 60 GB hard drive	1 Ea
High-speed diverter	28 Ea	HP D9600 Intel SFF PC	1 Ea
Limit switch	4 Ea	Maintenance intervention control station (MICS)	119 Ea
Make-up unit, flat-plate w/ plow merge	3 Ea	MCP cabinet	26 Ea
Merge, 45 deg	20 Ea	Motor 7.5HP	2 Ea
Motor IB 1.5HP	9 Ea	Motor IB 1HP	6 Ea
Motor IB 2HP	3 Ea	Motor IB 3HP	7 Ea
Motor IB 5HP	9 Ea	Motor OB 1.5HP	12 Ea
Motor OB 1HP	2 Ea	Motor OB 2HP	339 Ea
Motor OB 3HP	50 Ea	Motor OB 5HP	47 Ea
Motor OB 7.5HP	2 Ea	NEC 20.1 LCD 1200x1600 native resolution	2 Ea
NTRON 10/100BaseT & 100BaseFX 16 port	4 Ea	Oddsize Roll Bars	2 Ea
Oversize pax slide	1 Ea	Pet Lift	1 Ea
Photo eye	570 Ea	PLC Siemens S7	16 Ea
PLC Square D Symax	7 Ea	Power supply, 24 VDC	54 Ea
Power turn, 135 deg	1 Ea	Power turn, 180 deg	3 Ea
Power turn, 30 deg	4 Ea	Power turn, 45 deg	56 Ea
Power turn, 90 deg	46 Ea	Power turn, spiral, 180 deg	12 Ea
Power turn, spiral, 30 deg	4 Ea	Power turn, spiral, 90 deg	13 Ea
Profibus interface	63 Ea	pTRI	16 Ea
Queue belt	111 Ea	Queue belt (ext)	1 Ea
Ram 1GB	1 Ea	Relay	1277 Ea
Rocket port 4Si	3 Ea	Run lanyard	1 Ea
S7 Digital module, 110 VAC output	8 Ea	S7 Digital module, 24V DC input, 16 I/O	233 Ea
S7 Digital module, 24V DC output, 16 I/O	181 Ea	S7 EtherNet interface 100 BaseT	16 Ea
S7 Power supply, 10A 5V	16 Ea	S7 Repeater module	32 Ea
Security door	8 Ea	Shaft encoder	67 Ea
Siemens 15" Graphics touch panel	3 Ea	Ski claim	1 Ea
Soft start	3 Ea	Symbol LS3408 wireless hand-scanner/cradle	3 Ea

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Takeaway, 45 deg	15 Ea	Transformer	42 Ea
TRI	4 Ea	VFD	62 Ea
Warning alarm	77 Ea	Windows XP, SP2	1 Ea
Conveyor length, decline	569 lf	Conveyor length, incline	313 lf
Conveyor length, straight	3065 lf	Fiber	640 lf
Carousel length, IB summary	649 lf_tot	Carousel length, summary	656 lf_tot
Conveyor length IB, summary	544 lf_tot	Conveyor length, OB summary	5193 lf_tot
Conveyor length, OS summary	10 lf_tot		

Module: FIS

AB Digital module, 110V AC input, 16 I/O	7 Ea	AB Digital module, 110V AC output, 16 I/O	5 Ea
Appendix H workstation	1 Ea	Badge reader	2 Ea
Bag tag reader	2 Ea	Blue storage bins	24 Ea
CD-R drive	1 Ea	CI	0 Ea
Claim unit, slope-plate	3 Ea	Contactora, non-reversing	231 Ea
Contactora, reversing	9 Ea	Control station	113 Ea
Conveyor incline	16 Ea	Conveyor load	6 Ea
Conveyor OS incline	4 Ea	Conveyor OS load	1 Ea
Conveyor OS straight	4 Ea	Conveyor OS unload	1 Ea
Conveyor straight	12 Ea	CTX9000	2 Ea
Door	2 Ea	Duplex	4 Ea
ETD	6 Ea	Fuse	339 Ea
HD 60 GB hard drive	1 Ea	High-speed diverter	2 Ea
HP D9600 Intel SFF PC	1 Ea	Limit switch	2 Ea
Maintenance intervention control station (MICS)	48 Ea	MCP cabinet	9 Ea
Merge, 45 deg	3 Ea	Motor IB 2HP	37 Ea
Motor IB 3HP	6 Ea	Motor IB 5HP	7 Ea
Motor IB 7.5HP	11 Ea	Motor OB 2HP	87 Ea
Motor OB 3HP	10 Ea	Motor OB 5HP	12 Ea
NEC 20.1 LCD 1200x1600 native resolution	1 Ea	NTRON 10/100BaseT & 100BaseFX 16 port	2 Ea
Oversize pax slide	1 Ea	Panel Heater	3 Ea
Photo eye	204 Ea	PLC Allen Bradley PLC5	1 Ea
PLC Siemens S7	10 Ea	PLC Square D Symax	1 Ea
Power supply, 24 VDC	14 Ea	Power turn OS, 90 deg	6 Ea
Power turn OS, spiral, 180 deg	4 Ea	Power turn, 30 deg	1 Ea
Power turn, 45 deg	3 Ea	Power turn, 60 deg	1 Ea
Power turn, 90 deg	14 Ea	Power turn, spiral, 90 deg	1 Ea
Profibus interface	14 Ea	pTRI	8 Ea
Queue belt	7 Ea	Queue belt (ext)	1 Ea
Ram 1GB	1 Ea	Relay	313 Ea
Rocket port 4Si	1 Ea	Run lanyard	2 Ea
S7 Digital module, 110 VAC output	10 Ea	S7 Digital module, 24V DC input, 16 I/O	82 Ea
S7 Digital module, 24V DC output, 16 I/O	59 Ea	S7 EtherNet interface 100 BaseT	4 Ea
S7 Power supply, 10A 5V	10 Ea	S7 Repeater module	16 Ea
Security door	5 Ea	Shaft encoder	19 Ea
Siemens 15" Graphics touch panel	1 Ea	Symax Digital module, 110V AC input, 16 I/O	8 Ea
Symax Digital module, 110V AC output, 16 I/O	7 Ea	Symbol LS3408 wireless hand-scanner/cradle	2 Ea
Transformer	13 Ea	TRI (shared w/ 3E)	3 Ea
Warning alarm	39 Ea	Windows XP, SP2	1 Ea
Conveyor length, decline	272 lf	Conveyor length, incline	137 lf
Conveyor length, straight	652 lf	Conveyor OS decline	145 lf
Conveyor OS incline	88 lf	Conveyor OS straight	225 lf
Fiber	660 lf		

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Carousel length, IB summary 654 lf_tot
 Conveyor length, OB summary 417 lf_tot

Conveyor length IB, summary 1083 lf_tot
 Conveyor length, OS summary 330 lf_tot

Module: CMF

1024 x 768 Cube Monitors 8 Ea
 CD-R drive 2 Ea
 Christie DisplayMaster Graphics Output Module 4 port 2 Ea
 Christie RGBMaster RGB input Module 2 port 1 Ea
 Graphic Workstation GSM 2 Ea
 HD 250 Gb, 10000 RPM eSATA 5 Ea
 HD 500 Gb, 10000 RPM eSATA 2 Ea
 HP 7600 Series SFF, Intel dual core 5 Ea
 HP ML330 Intel Xenon, 2.8 GHz 2 Ea
 NEC 20.1 LCD 1200x1600 native resolution 6 Ea
 RAM 2GB 6 Ea
 SCADA WinCC Client 2 Ea
 User interface (Native Unix) 1 Ea
 Windows 2000 Server, SP4 2 Ea
 Windows Vista, SP2 2 Ea
 Work Station Computer 3 Ea

CD/DVD RW combo 2 Ea
 CD-RW drive 3 Ea
 Christie Mastersuite 3.1 1 Ea
 EtherNet Adapter 10/100/1000 BaseT 2 Ea
 Graphics Workstation Client 2 Ea
 HD 36GB, 7200 RPM Scsii 1 Ea
 HD 70 Gb, 10000 RPM eSATA 2 Ea
 HP ML 370/G3 1 Ea
 HP Storageworks Dat 40 2 Ea
 Ram 1GB 1 Ea
 SCADA GSM Client 2 Ea
 User Interface (IE) 1 Ea
 User Interface (Putty) 3 Ea
 Windows Office 2003 1 Ea
 Windows XP, SP2 4 Ea

Module: Server Room L6

3Com 3800 Series 24 port 16 Ea
 AB RSLogix 5000 programming suite 1 Ea
 APC smart UPS 2200XL 14 Ea
 APC UPS battery pack 18 Ea
 ARINC Proprietary Application Server Software 4 Ea
 BSM Gateway Server 4 Ea
 CD/DVD RW combo 2 Ea
 Cisco router/firewall, 2800 series 3 Ea
 Dbase Ctree Server 14 Ea
 Dual Power supplies 58 Ea
 External Multitech Multimaster Modem 2 Ea
 Graphics System Server 6 Ea
 HD 500 Gb, 10000 RPM eSATA 1 Ea
 HD Raid 1 + Spare, 18 Gb, 15k RPM Scsii 2 Ea
 HD Raid 1, 36 Gb, 7200 RPM Scsii 4 Ea
 HD Raid 5 + spare, 146 Gb, 10k RPM SAS 2.5 4 Ea
 HP 17" LCD 1200x1600 native resolution 2 Ea
 HP D7800 SFF Pentium 3.4 GHz 6 Ea
 HP DL380/G5 Dual Intel Xenon Quad-Core Processor 4 Ea
 HP Storageworks Dat 40 14 Ea
 KVM switch 16 port primary 1 Ea
 KVM switch, Avocent 1415 8 port 2 Ea
 Patch panel 48 way 2 Ea
 Rack 19" APC Netshelter 42U 3 Ea
 Rack 19" Encore Fan assembly 5 Ea
 Raid Controller Smart Array 6402 3 Ea
 Raid Controller Smart Array P400/512 4 Ea

3Com XRN 5800 series 48 port 2 Ea
 APC Keyboard/touchpad/combo 2 Ea
 APC smart UPS 3000XL 4 Ea
 ARINC Proprietary Application Interface Software 4 Ea
 BSM Carrier Interface workstation 4 Ea
 CD/DVD R combo 10 Ea
 CD-R drive 30 Ea
 Cisco switch, Catalyst 3560G 24+4 port 10/100/1000 BaseT 4 Ea
 Dual EtherNet Adapter 10/100/1000 BaseT 25 Ea
 EtherNet Adapter 10/100/1000 BaseT 10 Ea
 Floppy 1.44 MB 15 Ea
 HD 250 Gb, 10000 RPM eSATA 2 Ea
 HD 80 Gb, 7200 RPM eSATA 6 Ea
 HD Raid 1, 18 Gb, 7200 RPM Scsii 28 Ea
 HD RAID 1, 36GB, 15k RPM Scsii 2 Ea
 HD Raid 5, 300 Gb, 10k RPM Scsii 14 Ea
 HP 7600 Series SFF, Intel dual core 2 Ea
 HP DL380/G4 Dual Intel Xenon 3.4 GHz 12 Ea
 HP ML370/G3 Dual IBM Intel Xenon, 2.8 GHz 3 Ea
 Keyboard/touchpad/19" LCD combo 1 Ea
 KVM switch 16 port slave 1 Ea
 NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz 8 Ea
 Rack 19" APC internal shelf 6 Ea
 Rack 19" Encore 52U, glass front door 5 Ea
 RAID Controller 64 bit SCSI 8 Ea
 Raid Controller Smart Array 6i 11 Ea
 RAM 1GB 6 Ea

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RAM 1GB ECC	2 Ea	RAM 2GB	16 Ea
RAM 2GB ECC	12 Ea	RAM 3.25 GB ECC	4 Ea
RAM 3GB	2 Ea	Rocket port 4Si	2 Ea
SCADA WinCC Server, Dbase SQL	6 Ea	SCADA WinCC Server, WebNav, Dbase SQL	1 Ea
SCO Unix 5.0	2 Ea	SCO Unix 6.0	12 Ea
Siemens Proprietary Sort Controller	14 Ea	Siemens Proprietary UUI	1 Ea
Siemens Step7 Programming suite	1 Ea	Sort Controller Server	14 Ea
User Interface (Putty)	2 Ea	UUI Server	1 Ea
Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	19 Ea	VPN Server	1 Ea
WebNav Server	1 Ea	Windows 2000 Adv Server, SP4	7 Ea
Windows 2003 Server Enterprise, SP2	1 Ea	Windows 2003 Server R2, SP2	4 Ea
Windows XP, SP2	8 Ea	Windows XP, SP3	1 Ea
Work Station Computer	2 Ea		

Module: CtlRm_ConB

SCADA WinCC Client	1 Ea	User Interface (Putty)	1 Ea
Work Station Computer	1 Ea		

END OF SUMMARY by MODULE

Details by Module

Module: CCD

Type: Hardware

Subsystem: CCD

1 ton electric chain hoist (Dayton)	1	Ea	1/2 ton manual chain hoist	1	Ea
2 ton manual chain hoist (Dayton)	1	Ea	36 volt Battery discharge unit	1	Ea
36" Belt Cutter	1	Ea	6" grinder (B&D)	2	Ea
Accelerometer	1	Ea	Air compressor	1	Ea
Belt Hog Pulley alignment tool	1	Ea	Bench top drill press ()	1	Ea
Bench top drill press (Dayton)	1	Ea	Box Racking 1 bay 5 shelves	2	Ea
Box Racking 1 bay 6 shelves	6	Ea	Box Racking 1 bay 7 shelves	5	Ea
Columbus McKinnon RT 3 Ton Hoist	5	Ea	Dynameter (Dillon)	1	Ea
Electric Winch (Dayton)	2	Ea	Flexco Belt Lacer 40"	1	Ea
Fork Lift HYSTER	1	Ea	Hoist trolley 3 ton	4	Ea
Intermec Easy Loader F2 Bag Tag Reader	1	Ea	JVC Monitor TM-A9V	1	Ea
Miller Matic wire feed welder	1	Ea	Pager Alarm System (ZETRON 6408)	1	Ea
Pallet Racking 1 bay 2 shelves	1	Ea	Pallet Racking 1 bay 3 shelves	28	Ea
Pallet Racking 1 bay 6 shelves	2	Ea	Pallet Racking 1+ bay 3 shelves	1	Ea
Pallet Racking 1+ bay 4 shelves	3	Ea	PCB Signal conditioner	1	Ea
Radios	10	Ea	Sanyo Digital Color CCTV camera	1	Ea
Seal replacement tool kit	1	Ea	Secure fencing (Parts Storage)	180	If
Scissor Lift	3	Ea	Super Circuit time Lapse Recorder VCR1280	1	Ea
Surveyors tripod	1	Ea	Wooden Racking 2 bay 5 shelves	3	Ea
Lincoln TIG200 SquareWave Welder	1	Ea			

Type: Support

Subsystem: Local Laptop

AB RSLogix 5 Programming Suite	1	Ea	AB RSLogix 500 Programming Suite	1	Ea
Symax PLC Programming suite	1	Ea	Toshiba Satellite Pro (RS232 Serial port)	1	Ea
Windows 95	1	Ea			

Module: 1E

Type: Conveyor Detail

Subsystem: 8EIB1A

Conveyor incline	4	Ea	Conveyor length IB, summary	269	If_tot
Conveyor load	2	Ea	Conveyor straight	3	Ea
Power turn, 90 deg	5	Ea	Power turn, spiral, 90 deg	2	Ea
Security door	1	Ea			

Subsystem: 8EIB2A

Conveyor incline	3	Ea	Conveyor length IB, summary	225	If_tot
Conveyor load	2	Ea	Conveyor straight	2	Ea
Power turn, 90 deg	4	Ea	Power turn, spiral, 90 deg	1	Ea
Security door	1	Ea			

Subsystem: 8EIB3A

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Subsystem: 8EIB3A

Conveyor length IB, summary	281	lf_tot
Conveyor straight	4	Ea
Power turn, spiral, 90 deg	1	Ea
Security door	1	Ea

Subsystem: T9

Conveyor decline	5	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	5	Ea
Queue belt	3	Ea
Security door	1	Ea

Subsystem: TO7

Conveyor length, OS Tote summary	186	lf_tot
Security door	2	Ea
Tote lift conveyor	2	Ea
Tote raise/lower conveyor	4	Ea
Tote unload conveyor	1	Ea

Subsystem: TO8

Conveyor length, OS Tote summary	186	lf_tot
Security door	2	Ea
Tote lift conveyor	2	Ea
Tote raise/lower conveyor	4	Ea
Tote unload conveyor	1	Ea

Subsystem: TO9

Conveyor length, OS Tote summary	150	lf_tot
Security door	2	Ea
Tote lift conveyor	4	Ea

Subsystem: C10

Conveyor decline	1	Ea
Conveyor load	1	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea
Queue belt	2	Ea

Subsystem: C11

Conveyor decline	1	Ea
Conveyor load	1	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	4	Ea
Queue belt	2	Ea
Security door	1	Ea

Subsystem: C12

Conveyor decline	1	Ea
Conveyor straight	1	Ea
Power turn, 45 deg	1	Ea

Conveyor incline	2	Ea
Conveyor load	2	Ea
Power turn, 90 deg	4	Ea
Queue belt	2	Ea

Conveyor length, OB summary	351	lf_tot
Conveyor ticketing	2	Ea
Power turn, 45 deg	1	Ea
Power turn, spiral, 90 deg	1	Ea
Queue belt (ext)	1	Ea

Oversize Pflow lift	1	Ea
Tote conveyor	8	Ea
Tote load conveyor	2	Ea
Tote scissor lift conveyor	1	

Oversize Pflow lift	1	Ea
Tote conveyor	8	Ea
Tote load conveyor	2	Ea
Tote scissor lift conveyor	1	

Oversize Pflow lift	2	Ea
Tote conveyor	10	Ea

Conveyor length, OB summary	192	lf_tot
Conveyor straight	2	Ea
Power turn, 45 deg	1	Ea
Power turn, spiral, 180 deg	6	Ea
Security door	1	Ea

Conveyor length, OB summary	310	lf_tot
Conveyor straight	5	Ea
Power turn, 45 deg	2	Ea
Power turn, spiral, 180 deg	6	Ea
Queue belt (ext)	1	Ea

Conveyor length, OB summary	43	lf_tot
Merge, 45 deg	1	Ea
Queue belt	1	Ea

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<u>Subsystem: C12</u>			Security door	1	Ea
<u>Subsystem: C9</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	111	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	4	Ea
Security door	1	Ea			
<u>Subsystem: T10</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	87	If_tot
Conveyor straight	1	Ea	Conveyor ticketing	3	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea	Queue belt (ext)	1	Ea
Security door	1	Ea			
<u>Subsystem: T11</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	50	If_tot
Conveyor straight	1	Ea	Conveyor ticketing	0	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea	Queue belt	1	Ea
Security door	1	Ea			
<u>Subsystem: T12</u>					
Conveyor decline	4	Ea	Conveyor length, OB summary	295	If_tot
Conveyor straight	2	Ea	Conveyor ticketing	2	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	4	Ea	Queue belt	3	Ea
Queue belt (ext)	1	Ea	Security door	1	Ea
<u>Subsystem: OS5</u>					
Conveyor length, OS summary	69	If_tot	Conveyor OS decline	2	Ea
Conveyor OS straight	1	Ea	Oversize unload slide	1	Ea
Power turn OS, 90 deg	1	Ea	Security door	1	Ea
<u>Subsystem: OS6</u>					
Conveyor length, OS summary	69	If_tot	Conveyor OS decline	2	Ea
Conveyor straight	1	Ea	Oversize unload slide	1	Ea
Power turn OS, 90 deg	1	Ea	Security door	1	Ea
<u>Subsystem: LSS1</u>					
Conveyor decline	5	Ea	Conveyor incline	2	Ea
Conveyor length, OB summary	719	If_tot	Conveyor straight	11	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	5	Ea
Power turn, 90 deg	4	Ea	Power turn, spiral, 135 deg	1	Ea
Power turn, spiral, 45 deg	1	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	14	Ea	Takeaway, 45 deg	1	Ea
<u>Subsystem: LSS2</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	122	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea

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<u>Subsystem:</u> LSS2			Queue belt	8	Ea
Queue belt (ext)	2	Ea	Takeaway, 45 deg	1	Ea
VFD	2	Ea			
<u>Subsystem:</u> LSS3					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	113	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	7	Ea	Queue belt (ext)	2	Ea
Takeaway, 45 deg	1	Ea	VFD	3	Ea
<u>Subsystem:</u> LSS4					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	104	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	2	Ea	Power turn, 45 deg	3	Ea
Queue belt	7	Ea	Queue belt (ext)	2	Ea
VFD	3	Ea			
<u>Subsystem:</u> LSS5					
Conveyor decline	1	Ea	Conveyor length, OB summary	95	If_tot
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	3	Ea	Queue belt	7	Ea
Queue belt (ext)	2	Ea	Takeaway, 45 deg	1	Ea
VFD	3	Ea			
<u>Subsystem:</u> RC1					
Conveyor incline	1	Ea	Conveyor length, OB summary	110	If_tot
Conveyor load	1	Ea	Conveyor straight	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	2	Ea	Queue belt	2	Ea
Queue belt (ext)	1	Ea			
<u>Subsystem:</u> TSA					
Conveyor incline	2	Ea	Conveyor length, OB summary	189	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Power turn, 90 deg	3	Ea
Power turn, spiral, 90 deg	3	Ea	Queue belt	5	Ea
Queue belt (ext)	1	Ea			
<u>Subsystem:</u> USS1					
Conveyor length, OB summary	391	If_tot	Conveyor straight	10	Ea
Power turn, 45 deg	4	Ea	Power turn, 90 deg	2	Ea
Queue belt	1	Ea			
<u>Subsystem:</u> USS2					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	122	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Queue belt	12	Ea	Queue belt (ext)	2	Ea
VFD	3	Ea			
<u>Subsystem:</u> USS3					

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<u>Subsystem:</u> USS3					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	113	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Queue belt	11	Ea
Queue belt (ext)	2	Ea	VFD	3	Ea
<u>Subsystem:</u> USS4					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	103	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Queue belt	10	Ea	Queue belt (ext)	4	Ea
VFD	3	Ea			
<u>Subsystem:</u> USS5					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	93	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Queue belt	11	Ea	Queue belt (ext)	2	Ea
VFD	2	Ea			
<u>Subsystem:</u> UTL					
Conveyor decline	1	Ea	Conveyor length, OB summary	77	If_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 30 deg	2	Ea
Power turn, 45 deg	1	Ea	Queue belt	3	Ea
<u>Subsystem:</u> ML1					
Conveyor decline	3	Ea	Conveyor incline	1	Ea
Conveyor incline/decline	1	Ea	Conveyor length, OB summary	451	If_tot
Conveyor straight	9	Ea	High-speed diverter	1	Ea
Power turn, 90 deg	5	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt (ext)	1	Ea			
<u>Subsystem:</u> MU1EN					
Conveyor decline	2	Ea	Conveyor incline	1	Ea
Conveyor incline/decline	2	Ea	Conveyor length, OB summary	475	If_tot
Conveyor straight	7	Ea	High-speed diverter	1	Ea
Power turn, 30 deg	2	Ea	Power turn, 90 deg	2	Ea
Power turn, spiral, 90 deg	1	Ea	Queue belt	4	Ea
<u>Subsystem:</u> MU1ES					
Conveyor incline	1	Ea	Conveyor incline/decline	2	Ea
Conveyor length, OB summary	290	If_tot	Conveyor straight	4	Ea
High-speed diverter	2	Ea	Power turn, 30 deg	2	Ea
Power turn, 90 deg	2	Ea	Power turn, spiral, 90 deg	2	Ea
Queue belt	4	Ea	Queue belt (ext)	2	Ea
<u>Subsystem:</u> outbound					
Carousel length, summary	677	If_tot	Make-up unit, slope-plate	4	Ea
<u>Subsystem:</u> TX1					

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<u>Subsystem:</u> TX1		
Conveyor length, OB summary	251	If_tot
High-speed diverter	1	Ea
Power turn, 90 deg	1	Ea

Conveyor decline	1	Ea
Conveyor straight	7	Ea
Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

<u>Subsystem:</u> UC1		
Conveyor decline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	3	Ea

Conveyor length, OB summary	49	If_tot
High-speed diverter	1	Ea
Power turn, spiral, 45 deg	1	Ea
VFD	1	Ea

<u>Subsystem:</u> inbound		
Carousel length, IB summary	559	If_tot
Oversize pax slide	1	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

Type: Conveyor Length

<u>Subsystem:</u> Summary		
Conveyor length, decline	757	If
Conveyor length, straight	2481	If

Conveyor length, incline	333	If
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Type: Motors

<u>Subsystem:</u> 8EIB1		
Motor IB 1.5HP	8	Ea
Motor IB 3HP	4	Ea
Motor IB 7.5HP	1	Ea

Motor IB 2HP	1	Ea
Motor IB 5HP	2	Ea

<u>Subsystem:</u> 8EIB2		
Motor IB 1.5HP	5	Ea
Motor IB 3HP	2	Ea

Motor IB 2HP	1	Ea
Motor IB 5HP	4	Ea

<u>Subsystem:</u> 8EIB3		
Motor IB 1.5HP	4	Ea
Motor IB 3HP	4	Ea
Motor IB 7.5HP	1	Ea

Motor IB 1HP	3	Ea
Motor IB 5HP	2	Ea

<u>Subsystem:</u> OS1EN		
<u>CC-13</u>		
Motor OS 1HP	14	Ea

Motor OS 3HP	5	Ea
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<u>Subsystem:</u> OS1ES		
<u>CC-14</u>		
Motor OS 1HP	12	Ea

Motor OS 3HP	6	Ea
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<u>Subsystem:</u> SK3		
Motor OS 5HP	1	Ea

<u>Subsystem:</u> T9		
<u>MCP-03</u>		
Motor OB 1.5HP	6	Ea
Motor OB 2HP	10	Ea

Motor OB 1HP	1	Ea
Motor OB 3HP	3	Ea

<u>Subsystem:</u> TO7		
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<u>Subsystem:</u> TO7						
Motor OS 2HP	3	Ea	Motor OS 5HP	1	Ea	
<u>Subsystem:</u> TO8						
Motor OS 2HP	3	Ea	Motor OS 5HP	1	Ea	
<u>Subsystem:</u> TO9						
Motor OS 2HP	14	Ea	Motor OS 5HP	2	Ea	
<u>Subsystem:</u> C10						
<u>MCP-01</u>						
Motor OB 1.5HP	2	Ea	Motor OB 2HP	5	Ea	
Motor OB 3HP	8	Ea				
<u>Subsystem:</u> C11						
<u>MCP-02</u>						
Motor OB 1.5HP	2	Ea	Motor OB 2HP	10	Ea	
Motor OB 3HP	9	Ea				
<u>Subsystem:</u> C12						
<u>MCP-02</u>						
Motor OB 2HP	4	Ea	Motor OB 3HP	1	Ea	
<u>Subsystem:</u> C9						
<u>MCP-01</u>						
Motor OB 1.5HP	1	Ea	Motor OB 2HP	8	Ea	
Motor OB 3HP	1	Ea				
<u>Subsystem:</u> T10						
<u>MCP-03</u>						
Motor OB 1HP	3	Ea	Motor OB 2HP	2	Ea	
Motor OB 3HP	2	Ea				
<u>Subsystem:</u> T11						
<u>MCP-04</u>						
Motor OB 1HP	3	Ea	Motor OB 2HP	2	Ea	
Motor OB 3HP	2	Ea				
<u>Subsystem:</u> T12						
<u>MCP-04</u>						
Motor OB 1.5HP	3	Ea	Motor OB 1HP	1	Ea	
Motor OB 2HP	12	Ea	Motor OB 3HP	3	Ea	
<u>Subsystem:</u> OS5						
<u>MCP-03</u>						
Motor OS 1.5HP	2	Ea	Motor OS 1HP	1	Ea	
Motor OS 5HP	1	Ea				
<u>Subsystem:</u> OS6						
<u>MCP-04</u>						
Motor OS 1.5HP	2	Ea	Motor OS 1HP	1	Ea	
Motor OS 5HP	1	Ea				
<u>Subsystem:</u> LSS1						
<u>MCP-11</u>						
Motor OB 2HP	19	Ea	Motor OB 5HP	4	Ea	
<u>MCP-12</u>						
Motor OB 2HP	11	Ea	Motor OB 3HP	5	Ea	

1E - Motors

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<u>Subsystem:</u>	LSS1			Motor OB 5HP	5	Ea
<u>Subsystem:</u>	LSS2					
<u>MCP-13</u>						
Motor OB 2HP		13	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	LSS3					
<u>MCP-14</u>						
Motor OB 2HP		12	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	LSS4					
<u>MCP-15</u>						
Motor OB 2HP		14	Ea			
<u>Subsystem:</u>	LSS5					
<u>MCP-16</u>						
Motor OB 2HP		13	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	RC1					
<u>MCP-19</u>						
Motor OB 2HP		9	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	TSA					
<u>MCP-20</u>						
Motor OB 2HP		18	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	USS1					
<u>MCP-05</u>						
Motor OB 2HP		3	Ea	Motor OB 5HP	4	Ea
<u>MCP-06</u>						
Motor OB 2HP		8	Ea	Motor OB 5HP	3	Ea
<u>Subsystem:</u>	USS2					
<u>MCP-07</u>						
Motor OB 2HP		17	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u>	USS3					
<u>MCP-08</u>						
Motor OB 2HP		15	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u>	USS4					
<u>MCP-09</u>						
Motor OB 2HP		19	Ea			
<u>Subsystem:</u>	USS5					
<u>MCP-10</u>						
Motor OB 2HP		17	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u>	UTL1					
<u>MCP-11</u>						
Motor OB 2HP		10	Ea			
<u>Subsystem:</u>	ML1					
<u>MCP-17</u>						
Motor OB 2HP		3	Ea	Motor OB 3HP	4	Ea
Motor OB 5HP		4	Ea			
<u>MCP-19</u>						
Motor OB 2HP		6	Ea	Motor OB 3HP	4	Ea
Motor OB 5HP		1	Ea			

Subsystem: MU1EN

CC-11

Motor OB 1HP	8	Ea
Motor OB 3HP	7	Ea
Motor OB 7.5HP	2	Ea

Subsystem: MU1ES

CC-12

Motor OB 1HP	2	Ea
Motor OB 3HP	6	Ea
Motor OB 7.5HP	2	Ea

Subsystem: TX1

MCP-05

Motor OB 2HP	2	Ea
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MCP-18

Motor OB 2HP	1	Ea
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Subsystem: UC1

MCP-17

Motor OB 2HP	7	Ea
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Type: LCP

Subsystem: Oversize

Contactora, non-reversing	6	Ea
Fuse	21	Ea
PLC Allen Bradley PLC5	2	Ea
Relay	6	Ea
Symax Digital module, 110V AC output, 16 I/O	9	Ea

Subsystem: Primary

PLC Siemens S7	6	Ea
S7 EtherNet interface 100 BaseT	6	Ea
S7 Repeater module	12	Ea

Subsystem: Redundant

PLC Siemens S7	6	Ea
S7 EtherNet interface 100 BaseT	6	Ea
S7 Repeater module	13	Ea

Type: MCP

Subsystem: Oversize

Contactora, non-reversing	51	Ea
External braking resistor	4	Ea
Panel Heater	8	Ea
PLC Allen Bradley SLC500	4	Ea
relays	65	Ea
Safetronics VFD	4	Ea
Symax Digital module, 110V AC output, 16 I/O	28	Ea
Symax Power Supply internal	3	Ea

Motor OB 2HP	1	Ea
Motor OB 5HP	5	Ea

Motor OB 2HP	8	Ea
Motor OB 5HP	3	Ea

Motor OB 5HP	1	Ea
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Motor OB 5HP	7	Ea
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Contactora, reversing	2	Ea
Panel Heater	3	Ea
PLC Square D Symax	3	Ea
Symax Digital module, 110V AC input, 16 I/O	9	Ea
Transformer	2	Ea

S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 Power supply, 10A 5V	6	Ea

S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 Power supply, 10A 5V	6	Ea

Contactora, reversing	64	Ea
Fuse	166	Ea
PLC Allen Bradley PLC5	2	Ea
PLC Square D Symax	3	Ea
relays (electronic)	58	Ea
Symax Digital module, 110V AC input, 16 I/O	36	Ea
Symax Power Supply external	5	Ea
Transformer	10	Ea

Subsystem: outbound

Contactor, non-reversing	474	Ea
Fuse	746	Ea
Profibus interface	46	Ea
Relay	783	Ea
S7 Digital module, 24V DC input, 16 I/O	196	Ea
Soft start	4	Ea

Subsystem: Inbound

PLC Square D Symax	3	Ea
Symax Digital module, 110V AC output, 16 I/O		Ea
Symax Power Supply internal		Ea

Subsystem: Total

MCP cabinet	23	Ea
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Type: Control Devices

Subsystem: Total

Badge reader	14	Ea
Control station	268	Ea
Duplex	13	Ea
Maintenance intervention control station (MICS)	83	Ea
Run lanyard	3	Ea
Warning alarm	65	Ea

Type: Cabling

Subsystem: Total

Fiber	780	lf
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Type: Computer Systems

Subsystem: Appendix H Workstation

CD-R drive	1	Ea
HP D9600 Intel SFF PC	1	Ea
Ram 1GB	1	Ea
Symbol LS3408 wireless hand-scanner/cradle	3	Ea

Subsystem: Graphics

Siemens 15" Graphics touch panel	3	Ea
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Subsystem: Hardware

Appendix H workstation	1	Ea
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	3	Ea
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Contactor, reversing	36	Ea
Power supply, 24 VDC	40	Ea
Regulator	4	Ea
S7 Digital module, 110 VAC output	8	Ea
S7 Digital module, 24V DC output, 16 I/O	148	Ea
Transformer	35	Ea

Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Power Supply external		Ea

Bag tag reader	8	Ea
Door	10	Ea
Limit switch	20	Ea
Photo eye	440	Ea
Shaft encoder	73	Ea

HD 60 GB hard drive	1	Ea
NEC 20.1 LCD 1200x1600 native resolution	1	Ea
Rocket port 4Si	1	Ea
Windows XP, SP2	1	Ea

Rocket port 4Si	2	Ea
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Type: GFE

Subsystem: Total

CI	1	Ea	CT-80 XLDR	1	Ea
CTX9000	5	Ea	ETD	10	Ea
pTRI	15	Ea	TRI	5	Ea

Module: 1W

Type: Conveyor Detail

Subsystem: 8WIB1A

Conveyor incline	4	Ea	Conveyor length IB, summary	276	If_tot
Conveyor load	2	Ea	Conveyor straight	2	Ea
Power turn, 90 deg	6	Ea	Power turn, spiral, 90 deg	1	Ea
Security door	1	Ea			

Subsystem: 8WIB2A

Conveyor incline	3	Ea	Conveyor length IB, summary	226	If_tot
Conveyor load	2	Ea	Conveyor straight	1	Ea
Power turn, 90 deg	4	Ea	Power turn, spiral, 90 deg	1	Ea
Security door	1	Ea			

Subsystem: 8WIB3A

Conveyor incline	3	Ea	Conveyor length IB, summary	283	If_tot
Conveyor load	2	Ea	Conveyor straight	4	Ea
Power turn, 90 deg	4	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	2	Ea	Security door	1	Ea

Subsystem: OS1WN

Conveyor length, OS summary	69	If_tot	Conveyor OS decline	2	Ea
Conveyor OS load	1	Ea	Conveyor OS straight	1	Ea
Oversize unload slide	1	Ea	Power turn OS, 90 deg	1	Ea
Security door	1	Ea			

Subsystem: OS1WS

Conveyor length, OS summary	69	If_tot	Conveyor load	1	Ea
Conveyor OS decline	2	Ea	Conveyor OS load	1	Ea
Conveyor OS straight	1	Ea	Oversize unload slide	1	Ea
Security door	1	Ea			

Subsystem: TO10

Conveyor length, OS Tote summary	186	If_tot	Oversize Pflow lift	1	Ea
Security door	2	Ea	Tote conveyor	10	Ea
Tote lift conveyor	2	Ea	Tote load conveyor	2	Ea
Tote raise/lower conveyor	4	Ea	Tote scissor lift conveyor	1	Ea
Tote unload conveyor	1	Ea			

Subsystem: TO11

Conveyor length, OS Tote summary	186	If_tot	Oversize Pflow lift	1	Ea
Security door	2	Ea	Tote conveyor	10	Ea

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<u>Subsystem: TO11</u>			Tote lift conveyor	2	Ea
Tote load conveyor	2	Ea	Tote raise/lower conveyor	4	Ea
Tote sizzor lift conveyor	1	Ea	Tote unload conveyor	1	Ea
<u>Subsystem: TO12</u>					
Conveyor length, OS Tote summary	150	If_tot	Oversize Pflow lift	2	Ea
Security door	2	Ea	Tote conveyor	10	Ea
Tote lift conveyor	2	Ea			
<u>Subsystem: C19</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	109	If_tot
Conveyor straight	3	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	3	Ea
Security door	1	Ea			
<u>Subsystem: C20</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	154	If_tot
Conveyor straight	3	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Power turn, 90 deg	1	Ea
Power turn, spiral, 180 deg	6	Ea	Queue belt	3	Ea
Security door	1	Ea			
<u>Subsystem: C21</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	275	If_tot
Conveyor straight	4	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Power turn, 90 deg	4	Ea
Power turn, spiral, 180 deg	6	Ea	Queue belt	3	Ea
Security door	1	Ea			
<u>Subsystem: C22</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	43	If_tot
Conveyor straight	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	1	Ea	Security door	1	Ea
<u>Subsystem: T13</u>					
Conveyor decline	4	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	351	If_tot	Conveyor straight	5	Ea
Conveyor ticketing	2	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	3	Ea	Power turn, 90 deg	6	Ea
Queue belt	3	Ea	Security door	1	Ea
<u>Subsystem: T14</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	76	If_tot
Conveyor straight	1	Ea	Conveyor ticketing	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Power turn, 90 deg	2	Ea	Queue belt	1	Ea
Security door	1	Ea			
<u>Subsystem: T15</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	84	If_tot
Conveyor straight	2	Ea	Conveyor ticketing	1	Ea

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<u>Subsystem: T15</u>			Power turn, 45 deg	1	Ea
Power turn, 90 deg	3	Ea	Queue belt	2	Ea
Security door	1	Ea			
<u>Subsystem: T16</u>					
Conveyor decline	5	Ea	Conveyor length, OB summary	296	If_tot
Conveyor straight	3	Ea	Conveyor ticketing	2	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Power turn, 90 deg	4	Ea	Queue belt	5	Ea
Security door	1	Ea			
<u>Subsystem: LSS1</u>					
Conveyor decline	3	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	719	If_tot	Conveyor straight	13	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	8	Ea
Power turn, 90 deg	2	Ea	Power turn, spiral, 135 deg	1	Ea
Power turn, spiral, 90 deg	2	Ea	Queue belt	14	Ea
Takeaway, 45 deg	1	Ea			
Merge, 45 deg	1	Ea			
<u>Subsystem: LSS2</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	122	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	10	Ea	Takeaway, 45 deg	1	Ea
VFD	2	Ea			
<u>Subsystem: LSS3</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	113	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	9	Ea	Takeaway, 45 deg	1	Ea
VFD	3	Ea			
<u>Subsystem: LSS4</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	104	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Queue belt	8	Ea	Takeaway, 45 deg	1	Ea
VFD	3	Ea			
<u>Subsystem: LSS5</u>					
Conveyor length, OB summary	95	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	3	Ea	Queue belt	9	Ea
Takeaway, 45 deg	1	Ea	VFD	3	Ea
<u>Subsystem: RC1</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	157	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea

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<u>Subsystem:</u> RC1			Power turn, 45 deg	1	Ea
Power turn, 90 deg	2	Ea	Queue belt	4	Ea
<u>Subsystem:</u> TSA					
Conveyor incline	3	Ea	Conveyor length, OB summary	196	If_tot
Conveyor straight	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	4	Ea	Power turn, 90 deg	3	Ea
Power turn, spiral, 90 deg	4	Ea	Queue belt	3	Ea
<u>Subsystem:</u> USS1					
Conveyor length, OB summary	391	If_tot	Conveyor straight	10	Ea
Power turn, 45 deg	4	Ea	Power turn, 90 deg	2	Ea
Queue belt	1	Ea			
<u>Subsystem:</u> USS2					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	120	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Queue belt	15	Ea	VFD	3	Ea
<u>Subsystem:</u> USS3					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	112	If_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Queue belt	13	Ea
VFD	3	Ea			
<u>Subsystem:</u> USS4					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	102	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	12	Ea
VFD	3	Ea			
<u>Subsystem:</u> USS5					
Conveyor incline	1	Ea	Conveyor length, OB summary	93	If_tot
Conveyor straight	1	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Queue belt	13	Ea	VFD	3	Ea
<u>Subsystem:</u> UTL1					
Conveyor decline	1	Ea	Conveyor length, OB summary	78	If_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Queue belt	3	Ea			
<u>Subsystem:</u> ML1					
Conveyor decline	4	Ea	Conveyor incline	1	Ea
Conveyor incline/decline	1	Ea	Conveyor length, OB summary	440	If_tot
Conveyor straight	5	Ea	High-speed diverter	1	Ea
Power turn, 90 deg	5	Ea	Power turn, spiral, 90 deg	1	Ea

Subsystem: MU1WN

Conveyor decline	1	Ea
Conveyor incline/decline	2	Ea
Conveyor straight	9	Ea
Power turn, 90 deg	2	Ea
Queue belt	4	Ea

Power turn, 45 deg	2	Ea
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Subsystem: MU1WS

Conveyor decline	1	Ea
Conveyor incline/decline	2	Ea
Conveyor straight	7	Ea
Power turn, 45 deg	2	Ea
Power turn, spiral, 90 deg	2	Ea

Subsystem: outbound

Carousel length, summary	677	lf_tot
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Subsystem: UC1

Conveyor decline	2	Ea
High-speed diverter	1	Ea
Power turn, 90 deg	1	Ea
Queue belt	3	Ea

Subsystem: inbound

Carousel length, IB summary	559	lf_tot
Oversize pax slide	1	Ea

Type: Conveyor Length

Subsystem: Summary

Conveyor length, decline	762	lf
Conveyor length, straight	2738	lf

Type: Motors

Subsystem: IB

Motor IB 1.5HP	17	Ea
Motor IB 2HP	2	Ea
Motor IB 5HP	8	Ea

Subsystem: OB

Motor OB 1.5HP	14	Ea
Motor OB 2HP	282	Ea
Motor OB 5HP	43	Ea

Subsystem: OS

Motor OS 1.5HP	4	Ea
Motor OS 2HP	20	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	431	lf_tot
High-speed diverter	1	Ea
Power turn, spiral, 90 deg	1	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	291	lf_tot
High-speed diverter	2	Ea
Power turn, 90 deg	2	Ea
Queue belt	4	Ea

Make-up unit, slope-plate	4	Ea
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Conveyor length, OB summary	84	lf_tot
Merge, 45 deg	1	Ea
Power turn, spiral, 45 deg	1	Ea
VFD	1	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

Conveyor length, incline	270	lf
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Motor IB 1HP	3	Ea
Motor IB 3HP	10	Ea
Motor IB 7.5HP	2	Ea

Motor OB 1HP	18	Ea
Motor OB 3HP	57	Ea
Motor OS 1.5HP	0	Ea

Motor OS 1HP	28	Ea
Motor OS 3HP	11	Ea

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<u>Subsystem:</u> OS			Motor OS 5HP	7	Ea
<hr/>					
<u>Type:</u> LCP					
<hr/>					
<u>Subsystem:</u> Oversize					
<hr/>					
Contactor, non-reversing	6	Ea	Contactor, reversing	2	Ea
Fuse	21	Ea	Panel Heater	3	Ea
PLC Allen Bradley PLC5	2	Ea	PLC Square D Symax	2	Ea
Relay	6	Ea	Symax Digital module, 110V AC input, 16 I/O	9	Ea
Symax Digital module, 110V AC output, 16 I/O	9	Ea	Transformer	2	Ea
<hr/>					
<u>Subsystem:</u> Primary					
<hr/>					
PLC Siemens S7	6	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	6	Ea	S7 Power supply, 10A 5V	6	Ea
S7 Repeater module	12	Ea			
<hr/>					
<u>Subsystem:</u> Redundant					
<hr/>					
PLC Siemens S7	6	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	1	Ea	S7 Power supply, 10A 5V	6	Ea
S7 Repeater module	13	Ea			
<hr/>					
<u>Type:</u> MCP					
<hr/>					
<u>Subsystem:</u> Oversize					
<hr/>					
Contactor, non-reversing	51	Ea	Contactor, reversing	64	Ea
External braking resistor	4	Ea	Fuse	166	Ea
Panel Heater	8	Ea	PLC Allen Bradley PLC5	2	Ea
PLC Allen Bradley SLC500	4	Ea	PLC Square D Symax	2	Ea
relays	65	Ea	relays (electronic)	58	Ea
Safetronics VFD	4	Ea	Symax Digital module, 110V AC input, 16 I/O	36	Ea
Symax Digital module, 110V AC output, 16 I/O	28	Ea	Symax Power Supply external	5	Ea
Symax Power Supply internal	3	Ea	Transformer	10	Ea
<hr/>					
<u>Subsystem:</u> outbound					
<hr/>					
Contactor, non-reversing	470	Ea	Contactor, reversing	37	Ea
Fuse	747	Ea	Power supply, 24 VDC	40	Ea
Profibus interface	47	Ea	Regulator	4	Ea
Relay	782	Ea	S7 Digital module, 110 VAC output	8	Ea
S7 Digital module, 24V DC input, 16 I/O	193	Ea	S7 Digital module, 24V DC output, 16 I/O	149	Ea
Soft start	4	Ea	Transformer	35	Ea
<hr/>					
<u>Subsystem:</u> Inbound					
<hr/>					
PLC Square D Symax	3	Ea	Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Digital module, 110V AC output, 16 I/O		Ea	Symax Power Supply external		Ea
Symax Power Supply internal		Ea			
<hr/>					
<u>Subsystem:</u> Total					
<hr/>					
MCP cabinet	23	Ea			

Type: Control Devices

Subsystem: Total

Badge reader	14	Ea
Control station	240	Ea
Duplex	12	Ea
Maintenance intervention control station (MICS)	78	Ea
Run lanyard	1	Ea
Warning alarm	61	Ea

Bag tag reader	8	Ea
Door	10	Ea
Limit switch	20	Ea
Photo eye	433	Ea
Shaft encoder	69	Ea

Type: Cabling

Subsystem: Total

Fiber	1240	If
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Type: Computer Systems

Subsystem: Appendix H Workstation

CD-R drive	1	Ea
HP D9600 Intel SFF PC	1	Ea
Ram 1GB	1	Ea
Symbol LS3408 wireless hand-scanner/cradle	3	Ea

HD 60 GB hard drive	1	Ea
NEC 20.1 LCD 1200x1600 native resolution	1	Ea
Rocket port 4Si	1	Ea
Windows XP, SP2	1	Ea

Subsystem: Graphics

Siemens 15" Graphics touch panel	3	Ea
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Subsystem: Hardware

Appendix H Workstation	1	Ea
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	3	Ea
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Rocket port 4Si	2	Ea
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Type: GFE

Subsystem: Total

CI	1	Ea
ETD	10	Ea
TRI	3	Ea

CTX9000	5	Ea
pTRI	15	Ea

Module: 2E

Type: Conveyor Detail

Subsystem: 11EIB1A

Conveyor incline	4	Ea
Conveyor load	2	Ea
Power turn, 90 deg	6	Ea
Security door	1	Ea

Conveyor length IB, summary	276	If_tot
Conveyor straight	2	Ea
Power turn, spiral, 90 deg	1	Ea

Subsystem: 11EIB2A

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<u>Subsystem: 11EIB2A</u>			Conveyor incline	3	Ea
Conveyor length IB, summary	225	If_tot	Conveyor load	2	Ea
Conveyor straight	2	Ea	Power turn, 90 deg	4	Ea
Power turn, spiral, 90 deg	1	Ea	Security door	1	Ea
<u>Subsystem: 11EIB3A</u>					
Conveyor incline	3	Ea	Conveyor length IB, summary	275	If_tot
Conveyor load	2	Ea	Conveyor straight	2	Ea
Power turn, 90 deg	4	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt (ext)	2	Ea	Security door	1	Ea
<u>Subsystem: 2E-3E XOVER</u>					
Conveyor incline	7	Ea	Conveyor length, straight	400	If
Conveyor straight	7	Ea	High-speed diverter	5	Ea
Merge, 45 deg	2	Ea	Power turn, 45 deg	5	Ea
Power turn, 90 deg	1	Ea	Power turn, spiral, 90 deg	5	Ea
Queue belt	3	Ea			
<u>Subsystem: CCI3</u>					
1 ton electric chain hoist (Dayton)	0	Ea	Conveyor straight	4	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Power turn, spiral, 90 deg	1	Ea			
<u>Subsystem: TO4</u>					
Conveyor length, OS summary	138	If_tot	Oversize Pflow lift	1	Ea
Security door	2	Ea			
Conveyor OS decline	1	Ea	Conveyor OS straight	7	Ea
Oversize Pflow lift	1	Ea	Power turn OS, 90 deg	2	Ea
Queue belt OS	1	Ea	Security door	2	Ea
<u>Subsystem: TO5</u>					
Conveyor length, OS Tote summary	186	If_tot	Oversize Pflow lift	1	Ea
Security door	2	Ea	Tote conveyor	10	Ea
Tote lift conveyor	2	Ea	Tote load conveyor	2	Ea
Tote raise/lower conveyor	4	Ea	Tote sissor lift conveyor	1	
Tote unload conveyor	1	Ea			
<u>Subsystem: TO6</u>					
Security door	2	Ea	Oversize Pflow lift	2	Ea
Conveyor length, OS summary	120	If_tot	Conveyor OS straight	12	Ea
Oversize Pflow lift	2	Ea	Security door	2	Ea
<u>Subsystem: X3E</u>					
Conveyor decline	1	Ea	Conveyor incline	2	Ea

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<u>Subsystem: X3E</u>			Conveyor straight	3	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea			
<u>Subsystem: C5</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	109	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	4	Ea
Security door	1	Ea			
<u>Subsystem: C6</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	154	If_tot
Conveyor straight	3	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	2	Ea
Security door	1	Ea			
Power turn, 180 deg	1	Ea	Power turn, 90 deg	1	Ea
Power turn, spiral, 180 deg	4	Ea			
<u>Subsystem: C7</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	275	If_tot
Conveyor straight	6	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Power turn, 90 deg	4	Ea
Power turn, spiral, 180 deg	6	Ea	Queue belt	1	Ea
Security door	1	Ea			
<u>Subsystem: C8</u>					
Conveyor decline	2	Ea	Conveyor length, OB summary	43	If_tot
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	1	Ea	Security door	1	Ea
<u>Subsystem: T5</u>					
Conveyor decline	5	Ea	Conveyor length, OB summary	351	If_tot
Conveyor straight	3	Ea	Conveyor ticketing	2	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	6	Ea	Queue belt	3	Ea
Security door	1	Ea			
<u>Subsystem: T6</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	76	If_tot
Conveyor straight	1	Ea	Conveyor ticketing	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea	Queue belt	2	Ea
Security door	1	Ea			
<u>Subsystem: T7</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	72	If_tot
Conveyor straight	1	Ea	Conveyor ticketing	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea

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<u>Subsystem: T7</u>			Power turn, 90 deg	1	Ea
Queue belt	2	Ea			
Security door	1	Ea			
<u>Subsystem: T8</u>					
Conveyor decline	4	Ea	Conveyor length, OB summary	296	If_tot
Conveyor straight	3	Ea	Conveyor ticketing	2	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	4	Ea	Queue belt	4	Ea
Security door	1	Ea			
<u>Subsystem: OS3</u>					
Conveyor length, OS summary	69	If_tot	Conveyor OS decline	2	Ea
Conveyor OS load	1	Ea	Conveyor OS straight	1	Ea
Oversize unload slide	1	Ea	Power turn OS, 90 deg	1	Ea
Security door	1	Ea			
<u>Subsystem: OS4</u>					
Conveyor length, OS summary	69	If_tot	Conveyor OS decline	2	Ea
Conveyor OS load	1	Ea	Conveyor OS straight	1	Ea
Oversize unload slide	1	Ea	Power turn OS, 90 deg	1	Ea
Security door	1	Ea			
<u>Subsystem: LSS1</u>					
Conveyor decline	4	Ea	Conveyor incline	3	Ea
Conveyor length, OB summary	719	If_tot	Conveyor straight	11	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	6	Ea
Power turn, 90 deg	3	Ea	Power turn, spiral, 135 deg	1	Ea
Power turn, spiral, 90 deg	3	Ea	Queue belt	14	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem: LSS2</u>					
Conveyor length, OB summary	122	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	10	Ea
Takeaway, 45 deg	1	Ea	VFD	2	Ea
<u>Subsystem: LSS3</u>					
Conveyor length, OB summary	113	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	9	Ea
Takeaway, 45 deg	1	Ea	VFD	2	Ea
<u>Subsystem: LSS4</u>					
Conveyor length, OB summary	104	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	3	Ea	Queue belt	8	Ea
Takeaway, 45 deg	1	Ea	VFD	2	Ea
<u>Subsystem: LSS5</u>					

Subsystem: LSS5

Conveyor length, OB summary	95	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	9	Ea
VFD	2	Ea

Subsystem: RC1

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Power turn OS, 90 deg	2	Ea
Queue belt	3	Ea

Conveyor length, OB summary	110	lf_tot
Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea

Subsystem: TSA

Conveyor incline	3	Ea
Conveyor straight	2	Ea
Power turn, 45 deg	2	Ea
Power turn, spiral, 90 deg	3	Ea

Conveyor length, OB summary	189	lf_tot
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea
Queue belt	5	Ea

Subsystem: USS1

Conveyor length, OB summary	391	lf_tot
Power turn, 45 deg	4	Ea
Queue belt	1	Ea

Conveyor straight	10	Ea
Power turn, 90 deg	2	Ea

High-speed diverter	1	Ea
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Subsystem: USS2

Conveyor decline	1	Ea
Conveyor length, OB summary	120	lf_tot
High-speed diverter	1	Ea
Queue belt	14	Ea
VFD	2	Ea

Conveyor incline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: USS3

Conveyor decline	1	Ea
Conveyor length, OB summary	112	lf_tot
Queue belt	12	Ea
VFD	2	Ea

Conveyor incline	1	Ea
High-speed diverter	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: USS4

Conveyor decline	1	Ea
Conveyor length, OB summary	102	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	2	Ea
Takeaway, 45 deg	1	Ea

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	11	Ea
VFD	2	Ea

Subsystem: USS5

Conveyor decline	1	Ea
Conveyor length, OB summary	93	lf_tot
Merge, 45 deg	1	Ea
Queue belt	14	Ea
VFD	2	Ea

Conveyor incline	1	Ea
High-speed diverter	1	Ea
Power turn, 45 deg	2	Ea
Takeaway, 45 deg	1	Ea

Subsystem: UTL

Conveyor decline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	3	Ea

Subsystem: ML1

Conveyor decline	3	Ea
Conveyor incline/decline	1	Ea
Conveyor straight	10	Ea
Power turn, 90 deg	5	Ea

Subsystem: MU2EN

Conveyor decline	2	Ea
Conveyor incline/decline	2	Ea
Conveyor straight	7	Ea
Power turn, 45 deg	2	Ea
Power turn, spiral, 90 deg	1	Ea

Subsystem: MU2ES

Conveyor decline	1	Ea
Conveyor incline/decline	2	Ea
Conveyor straight	5	Ea
Power turn, 45 deg	2	Ea
Power turn, spiral, 90 deg	2	Ea

Subsystem: outbound

Carousel length, summary	677	If_tot
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Subsystem: TX1

Conveyor length, OB summary	360	If_tot
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Subsystem: TX2

Conveyor decline	1	Ea
High-speed diverter	1	Ea
Power turn, 45 deg	2	Ea
Takeaway, 45 deg	1	Ea

Subsystem: UC1

Conveyor decline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	3	Ea

Subsystem: inbound

Carousel length, IB summary	480	If_tot
Oversize pax slide	1	Ea

Type: Conveyor Length

Conveyor length, OB summary	80	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	451	If_tot
High-speed diverter	1	Ea
Power turn, spiral, 90 deg	1	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	478	If_tot
High-speed diverter	1	Ea
Power turn, 90 deg	2	Ea
Queue belt	4	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	288	If_tot
High-speed diverter	2	Ea
Power turn, 90 deg	2	Ea
Queue belt	4	Ea

Make-up unit, slope-plate	4	Ea
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Conveyor straight	6	Ea
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Conveyor length, OB summary	45	If_tot
Merge, 45 deg	1	Ea
Queue belt	4	Ea

Conveyor length, OB summary	49	If_tot
High-speed diverter	1	Ea
Power turn, spiral, 45 deg	1	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

Subsystem: Summary

Conveyor length, decline	762	If
Conveyor length, straight	2953	If

Type: Motors

Subsystem:

0

Subsystem: 2E-3E XOVER

Motor IB 5HP	2	Ea
Motor OB 2HP	21	Ea

Subsystem: IB

Motor IB 1.5HP	17	Ea
Motor IB 2HP	2	Ea
Motor IB 5HP	8	Ea

Subsystem: OB

Motor OB 1.5HP	6	Ea
Motor OB 2HP	238	Ea
Motor OB 5HP	43	Ea

Subsystem: OS

Motor OS 1.5HP	4	Ea
Motor OS 2HP	20	Ea
Motor OS 5HP	7	Ea

Subsystem: T06

Motor OB 1.5HP	6	Ea
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Subsystem: TO1

Motor OB 1HP	3	Ea
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Subsystem: TO2

Motor OB 1.5HP	5	Ea
Motor OB 2.5HP	1	
Motor OB 3HP	1	Ea

Subsystem: TO3

Motor OB 1.5HP	6	Ea
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Subsystem: TO4

Motor OB 2HP	12	Ea
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Type: LCP

Subsystem: Oversize

Conveyor length, incline	375	If
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Motor OB 2.5HP	1	
Motor OB 3HP	4	Ea

Motor IB 1HP	3	Ea
Motor IB 3HP	10	Ea
Motor IB 7.5HP	2	Ea

Motor OB 1HP	14	Ea
Motor OB 3HP	56	Ea

Motor OS 1HP	28	Ea
Motor OS 3HP	11	Ea

Motor OB 2HP	8	Ea
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Motor OB 2HP	5	Ea
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Motor OB 1HP	4	Ea
Motor OB 2HP	6	Ea

Motor OB 2HP	8	Ea
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<u>Subsystem:</u> Oversize		
Contactor, reversing	2	Ea
Panel Heater	3	Ea
PLC Square D Symax	2	Ea
Symax Digital module, 110V AC input, 16 I/O	9	Ea
Transformer	2	Ea

<u>Subsystem:</u> Primary		
PLC Siemens S7	6	Ea
S7 EtherNet interface 100 BaseT	6	Ea
S7 Repeater module	12	Ea

<u>Subsystem:</u> Redundant		
PLC Siemens S7	6	Ea
S7 EtherNet interface 100 BaseT	1	Ea
S7 Repeater module	13	Ea

Type: MCP

<u>Subsystem:</u> Oversize		
Contactor, non-reversing	51	Ea
External braking resistor	4	Ea
Panel Heater	8	Ea
PLC Allen Bradley SLC500	4	Ea
relays	65	Ea
Safetronics VFD	4	Ea
Symax Digital module, 110V AC output, 16 I/O	28	Ea
Symax Power Supply internal	3	Ea

<u>Subsystem:</u> outbound		
Contactor, non-reversing	470	Ea
Fuse	747	Ea
Profibus interface	47	Ea
Relay	782	Ea
S7 Digital module, 24V DC input, 16 I/O	193	Ea
Soft start	4	Ea

<u>Subsystem:</u> Inbound		
PLC Square D Symax	3	Ea
Symax Digital module, 110V AC output, 16 I/O		Ea
Symax Power Supply internal		Ea

Subsystem: Total

MCP cabinet	23	Ea
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Type: Control Devices

Subsystem: Total

Contactor, non-reversing	6	Ea
Fuse	21	Ea
PLC Allen Bradley PLC5	2	Ea
Relay	6	Ea
Symax Digital module, 110V AC output, 16 I/O	9	Ea

S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 Power supply, 10A 5V	6	Ea

S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 Power supply, 10A 5V	6	Ea

Contactor, reversing	64	Ea
Fuse	166	Ea
PLC Allen Bradley PLC5	2	Ea
PLC Square D Symax	2	Ea
relays (electronic)	58	Ea
Symax Digital module, 110V AC input, 16 I/O	36	Ea
Symax Power Supply external	5	Ea
Transformer	10	Ea

Contactor, reversing	37	Ea
Power supply, 24 VDC	40	Ea
Regulator	4	Ea
S7 Digital module, 110 VAC output	8	Ea
S7 Digital module, 24V DC output, 16 I/O	149	Ea
Transformer	35	Ea

Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Power Supply external		Ea

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<u>Subsystem:</u>	Total		
Bag tag reader	8	Ea	
Door	10	Ea	
Limit switch	20	Ea	
Photo eye	433	Ea	
Shaft encoder	69	Ea	

Type: Cabling

<u>Subsystem:</u>	Total		
Fiber	480	If	

Type: Computer Systems

<u>Subsystem:</u>	Appendix H Workstation		
CD-R drive	1	Ea	
HP D9600 Intel SFF PC	1	Ea	
Ram 1GB	1	Ea	
Symbol LS3408 wireless hand-scanner/cradle	3	Ea	

Subsystem: Graphics

Siemens 15" Graphics touch panel	3	Ea	
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Subsystem: Hardware

Appendix H Workstation	1	Ea	
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	3	Ea	
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Type: GFE

Subsystem: Total

CI	1	Ea	
ETD	10	Ea	
TRI	3	Ea	

Module: 2W

Type: Conveyor Detail

Subsystem: 11WIB1A

Conveyor incline	4	Ea	
Conveyor load	2	Ea	
Power turn, 90 deg	2	Ea	

Subsystem: OCS

Conveyor length, OS summary	130	If_tot	
Conveyor OS load	1	Ea	
Conveyor OS unload	2	Ea	
Power turn OS, spiral, 90 deg	2	Ea	

Badge reader	14	Ea	
Control station	240	Ea	
Duplex	12	Ea	
Maintenance intervention control station (MICS)	78	Ea	
Run lanyard	1	Ea	
Warning alarm	61	Ea	

HD 60 GB hard drive	1	Ea	
NEC 20.1 LCD 1200x1600 native resolution	1	Ea	
Rocket port 4Si	1	Ea	
Windows XP, SP2	1	Ea	

Rocket port 4Si	2	Ea	
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CTX9000	5	Ea	
pTRI	15	Ea	

Conveyor length, OB summary	257	If_tot	
Conveyor straight	1	Ea	
Power turn, spiral, 90 deg	3	Ea	

Conveyor OS decline	5	Ea	
Conveyor OS straight	3	Ea	
Power turn OS, 90 deg	3	Ea	
Security door	1	Ea	

Subsystem: OSP

Pet Lift 1 Ea

Subsystem: TO15

Conveyor length, OS Tote summary 139 lf_tot
 Security door 2 Ea
 Tote lift conveyor 3 Ea

Subsystem: C16

Conveyor decline 1 Ea
 Conveyor straight 1 Ea
 Power turn, 45 deg 1 Ea
 Power turn, spiral, 90 deg 1 Ea
 Security door 1 Ea

Subsystem: C17

Conveyor decline 1 Ea
 Conveyor straight 3 Ea
 Power turn, 45 deg 1 Ea
 Power turn, spiral, 90 deg 1 Ea
 Security door 1 Ea

Subsystem: C18

Conveyor decline 2 Ea
 Conveyor straight 3 Ea
 Power turn, 45 deg 1 Ea
 Queue belt 3 Ea

Subsystem: TC3

Conveyor decline 10 Ea
 Conveyor straight 15 Ea
 Power turn, 45 deg 2 Ea
 Queue belt 9 Ea

Power turn, 60 deg 3 Ea

Subsystem: TC4

Conveyor decline 10 Ea
 Conveyor straight 10 Ea
 Merge, 45 deg 1 Ea
 Power turn, 90 deg 5 Ea
 Queue belt 6 Ea
 VFD 2 Ea

Subsystem: OCS2

Conveyor length, OS summary 267 lf_tot
 Conveyor OS straight 3 Ea
 Power turn OS, 45 deg 2 Ea
 Queue belt OS 5 Ea
 Vertical sorter unit 1 Ea

Oversize Pflow lift 2 Ea
 Tote conveyor 12 Ea

Conveyor length, OB summary 141 lf_tot
 Merge, 45 deg 1 Ea
 Power turn, spiral, 180 deg 6 Ea
 Queue belt 2 Ea

Conveyor length, OB summary 146 lf_tot
 Merge, 45 deg 1 Ea
 Power turn, spiral, 180 deg 6 Ea
 Queue belt 2 Ea

Conveyor length, OB summary 168 lf_tot
 Merge, 45 deg 1 Ea
 Power turn, 90 deg 3 Ea
 Security door 1 Ea

Conveyor length, OB summary 1069 lf_tot
 High-speed diverter 1 Ea
 Power turn, 90 deg 10 Ea
 Security door 1 Ea

Power turn, spiral, 90 deg 2 Ea

Conveyor length, OB summary 714 lf_tot
 High-speed diverter 1 Ea
 Power turn, 45 deg 4 Ea
 Power turn, spiral, 90 deg 7 Ea
 Security door 1 Ea

Conveyor OS decline 2 Ea
 Conveyor OS unload 2 Ea
 Power turn OS, spiral, 90 deg 4 Ea
 Security door 1 Ea

Subsystem: OS1

Conveyor length, OS summary	5	lf_tot	Conveyor OS straight	1	Ea
High-speed diverter	1	Ea	Oddsize Roll Bars	1	Ea

Queue belt OS	1	Ea			
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Subsystem: OS2

Conveyor length, OS summary	5	lf_tot	Conveyor OS straight	1	Ea
High-speed diverter	1	Ea	Oddsize Roll Bars	1	Ea

Queue belt OS	1	Ea			
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Subsystem: OS3

Conveyor length, OS summary	589	lf_tot	Conveyor OS decline	6	Ea
Conveyor OS incline	4	Ea	Conveyor OS straight	4	Ea
Merge OS, 45 deg	2	Ea	Power turn OS, 90 deg	12	Ea
Power turn OS, spiral, 90 deg	1	Ea	Queue belt OS	3	Ea
Security door	1	Ea			

Subsystem: OS4

Conveyor length, OS summary	120	lf_tot	Conveyor OS decline	1	Ea
Conveyor OS incline	1	Ea	Conveyor OS straight	2	Ea
Merge OS, 45 deg	1	Ea	Power turn OS, 90 deg	1	Ea
Security door	1	Ea			

Queue belt OS	2	Ea			
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Subsystem: OSRC

Conveyor length, OS summary	250	lf_tot	Conveyor OS incline	1	Ea
Conveyor OS load	2	Ea	Conveyor OS straight	3	Ea
Conveyor OS unload	2	Ea	Power turn OS, 45 deg	3	Ea
Security door	1	Ea			

Power turn OS, 90 deg	1	Ea			
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Subsystem: 2W2L

Conveyor length, OB summary	37	lf_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	3	Ea

Subsystem: 2WBP1

Conveyor decline	1	Ea	Conveyor length, OB summary	69	lf_tot
Conveyor straight	1	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	2	Ea	Queue belt	3	Ea
VFD	3	Ea			

Subsystem: 2W1L

Conveyor length, OB summary	84	lf_tot	Conveyor straight	3	Ea
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<u>Subsystem:</u> 2W1L		
Power turn, 45 deg	1	Ea
VFD	4	Ea

High-speed diverter 1 Ea

<u>Subsystem:</u> 2W1L1		
Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	11	Ea
VFD	4	Ea

<u>Subsystem:</u> 2W1L2		
Conveyor incline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	9	Ea
VFD	4	Ea

<u>Subsystem:</u> 2W1L3		
Conveyor incline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	9	Ea
VFD	4	Ea

<u>Subsystem:</u> 2W1L4		
Conveyor length, OB summary	77	lf_tot
Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea
VFD	4	Ea

<u>Subsystem:</u> 2W2L1		
Conveyor incline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	6	Ea
VFD	4	Ea

<u>Subsystem:</u> 2W2L2		
Conveyor incline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	8	Ea

Takeaway, 45 deg 1 Ea

<u>Subsystem:</u> 2W2L3		
Conveyor incline	1	Ea
Conveyor straight	1	Ea

Merge, 45 deg	1	Ea
Queue belt	4	Ea

Conveyor length, OB summary	81	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Conveyor length, OB summary	81	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Conveyor length, OB summary	81	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

High-speed diverter	1	Ea
Movimot	6	Ea
Queue belt	13	Ea

Conveyor length, OB summary	78	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Conveyor length, OB summary	77	lf_tot
High-speed diverter	1	Ea
Power turn, 45 deg	1	Ea
VFD	4	Ea

Conveyor length, OB summary	77	lf_tot
High-speed diverter	1	Ea

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<u>Subsystem: 2W2L3</u>			Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	8	Ea
Takeaway, 45 deg	1	Ea	VFD	4	Ea
<u>Subsystem: 2W2L4</u>					
Conveyor incline	1	Ea	Conveyor length, OB summary	78	If_tot
Conveyor straight	21	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Queue belt	6	Ea	Takeaway, 45 deg	1	Ea
VFD	3	Ea			
<u>Subsystem: 2WRC1</u>					
Conveyor length, OB summary	97	If_tot	Conveyor straight	32	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	3	Ea
Takeaway, 45 deg	1	Ea	VFD	1	Ea
Power turn, 60 deg	1	Ea			
<u>Subsystem: 2WRC2</u>					
Conveyor incline	1	Ea	Conveyor length, OB summary	97	If_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	2	Ea
Queue belt	3	Ea	Takeaway, 45 deg	1	Ea
VFD	1	Ea			
<u>Subsystem: 2WSL1</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	594	If_tot
Conveyor straight	17	Ea	High-speed diverter	1	Ea
Power turn, 45 deg	6	Ea	Power turn, 90 deg	2	Ea
Queue belt	5	Ea	Takeaway, 45 deg	1	Ea
VFD	8	Ea			
<u>Subsystem: 2WTSA</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	60	If_tot	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea			
Queue belt	1	Ea			
<u>Subsystem: 2WCX</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	41	If_tot
Conveyor straight	1	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Queue belt	2	Ea	VFD	1	Ea
<u>Subsystem: 2WX</u>					
Conveyor length, OB summary	71	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	4	Ea
Takeaway, 45 deg	1	Ea	VFD	1	Ea

Subsystem: XC23

Conveyor decline	1	Ea	Conveyor length, OB summary	133	If_tot
Conveyor straight	3	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	8	Ea
Queue belt	2	Ea	Takeaway, 45 deg	1	Ea

Subsystem: 2WBP

Conveyor length, OB summary	27	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, spiral, 45 deg	1	Ea	Queue belt	2	Ea

Subsystem: 2WML

Conveyor decline	1	Ea	Conveyor incline	2	Ea
Conveyor length, OB summary	250	If_tot	Conveyor straight	7	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	2	Ea
Power turn, spiral, 45 deg	1	Ea	Queue belt	4	Ea
Takeaway, 45 deg	1	Ea	VFD	4	Ea

Subsystem: 2WRC3

Conveyor incline	1	Ea	Conveyor length, OB summary	81	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	2	Ea

Subsystem: MU2WS

Conveyor decline	1	Ea	Conveyor incline/decline	1	Ea
Conveyor length, OB summary	403	If_tot	Conveyor straight	11	Ea
High-speed diverter	1	Ea	Power turn, 30 deg	4	Ea
Power turn, 90 deg	1	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	5	Ea	Takeaway, 45 deg	1	Ea
VFD	4	Ea			

Subsystem: MU2WS1

Conveyor decline	1	Ea	Conveyor incline/decline	1	Ea
Conveyor length, OB summary	64	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Power turn, spiral, 30 deg	2	Ea
Power turn, spiral, 90 deg	1	Ea			

Subsystem: MU2WS2

Conveyor decline	1	Ea	Conveyor length, OB summary	38	If_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea

Subsystem: outbound

Carousel length, summary	656	If_tot	Make-up unit, flat-plate w/ plow merge	3	Ea
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Subsystem: 11WIB2

Conveyor incline	3	Ea	Conveyor length IB, summary	211	If_tot
Conveyor load	2	Ea	Conveyor straight	1	Ea
Power turn, 90 deg	2	Ea	Power turn, spiral, 90 deg	3	Ea

Subsystem: 11WIB3

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Subsystem: 11WIB3

Conveyor incline	4	Ea
Conveyor load	2	Ea
Power turn, 90 deg	3	Ea
Power turn, spiral, 90 deg	4	Ea

Subsystem: inbound

Carousel length, IB summary	599	If_tot
Oversize pax slide	1	Ea

Type: Conveyor Length

Subsystem: Summary

Conveyor length, decline	509	If
Conveyor length, straight	3030	If

Type: Motors

Subsystem: 1L1

MCP-11

Motor OB 2HP	1	Ea
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MCP-16

Motor OB 2HP	12	Ea
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Subsystem: 1L2

MCP-11

Motor OB 2HP	1	Ea
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MCP-17

Motor OB 2HP	13	Ea
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Subsystem: 1L3

MCP-11

Motor OB 2HP	1	Ea
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MCP-18

Motor OB 2HP	12	Ea
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Subsystem: 1L4

MCP-11

Motor OB 2HP	1	Ea
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MCP-19

Motor OB 1.5HP	5	Ea
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Subsystem: 2L1

MCP-09

Motor OB 2HP	1	Ea
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MCP-20

Motor OB 2HP	10	Ea
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Subsystem: 2L2

MCP-09

Motor OB 2HP	1	Ea
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MCP-21

Motor OB 2HP	10	Ea
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Subsystem: 2L3

MCP-09

Conveyor length IB, summary	304	If_tot
Conveyor straight	2	Ea
Power turn, spiral, 15 deg	1	Ea
Queue belt	2	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

Conveyor length, incline	227	If
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Motor OB 3HP	1	Ea
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Motor OB 3HP	1	Ea
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Motor OB 3HP	1	Ea
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Motor OB 2HP	12	Ea
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Motor OB 5HP	1	Ea
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Motor OB 5HP	1	Ea
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<u>Subsystem:</u> 2L3			Motor OB 2HP	1	Ea
<hr/> <u>MCP-22</u>					
Motor OB 2HP	10	Ea	Motor OB 5HP	1	Ea
<hr/> <u>Subsystem:</u> 2L4					
<hr/> <u>MCP-09</u>					
Motor OB 2HP	1	Ea			
<hr/> <u>MCP-23</u>					
Motor OB 2HP	10	Ea	Motor OB 5HP	1	Ea
<hr/> <u>Subsystem:</u> BP					
<hr/> <u>MCP-12</u>					
Motor OB 2HP	5	Ea			
<hr/> <u>Subsystem:</u> BP1					
<hr/> <u>MCP-10</u>					
Motor OB 2HP	9	Ea			
<hr/> <u>Subsystem:</u> MU2WS3					
<hr/> <u>MCP-25</u>					
Motor OB 5HP	2	Ea			
<hr/> <u>Subsystem:</u> OCS					
<hr/> <u>MCP-27</u>					
Motor OS 1.5HP	2	Ea	Motor OS 1HP	1	Ea
Motor OS 2HP	10	Ea	Motor OS 3HP	2	Ea
Motor OS 5HP	3	Ea			
<hr/> <u>Subsystem:</u> RC2					
<hr/> <u>MCP-08</u>					
Motor OB 2HP	7	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	1	Ea			
<hr/> <u>MCP-11</u>					
Motor OB 2HP	1	Ea			
<hr/> <u>Subsystem:</u> RC3					
<hr/> <u>MCP-12</u>					
Motor OB 2HP	6	Ea	Motor OB 5HP	1	Ea
<hr/> <u>Subsystem:</u> SK5					
<hr/> <u>MCP-08</u>					
Motor OS 5HP	1	Ea			
<hr/> <u>Subsystem:</u> SL1					
<hr/> <u>MCP-08</u>					
Motor OB 2HP	6	Ea	Motor OB 5HP	2	Ea
<hr/> <u>MCP-09</u>					
Motor OB 2HP	17	Ea	Motor OB 3HP	4	Ea
Motor OB 5HP	1	Ea			
<hr/> <u>MCP-10</u>					
Motor OB 2HP	1	Ea	Motor OB 5HP	3	Ea
<hr/> <u>MCP-11</u>					
Motor OB 2HP	1	Ea	Motor OB 3HP	2	Ea
Motor OB 5HP	2	Ea			
<hr/> <u>Subsystem:</u> TO15					
<hr/> <u>MCP-12</u>					
Motor OS 2HP	15	Ea	Motor OS 5HP	1	Ea

<u>Subsystem:</u> C16					
<u>MCP-01</u>					
Motor OB 1HP	1	Ea	Motor OB 2HP	4	Ea
Motor OB 3HP	6	Ea	Motor OB 5HP	1	Ea
<u>MCP-06</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem:</u> C17					
<u>MCP-02</u>					
Motor OB 1HP	1	Ea	Motor OB 2HP	7	Ea
Motor OB 3HP	6	Ea			
<u>Subsystem:</u> C18					
<u>MCP-02</u>					
Motor OB 2HP	10	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	1	Ea			
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem:</u> TC3					
<u>MCP-03</u>					
Motor OB 2HP	15	Ea	Motor OB 3HP	4	Ea
Motor OB 5HP	1	Ea			
<u>MCP-06</u>					
Motor OB 2HP	16	Ea	Motor OB 3HP	3	Ea
Motor OB 5HP	7	Ea			
<u>MCP-07</u>					
Motor OB 2HP	3	Ea	Motor OB 3HP	2	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> TC4					
<u>MCP-04</u>					
Motor OB 2HP	13	Ea	Motor OB 3HP	4	Ea
<u>MCP-05</u>					
Motor OB 1.5HP	7	Ea	Motor OB 2HP	14	Ea
Motor OB 3HP	3	Ea	Motor OB 5HP	3	Ea
<u>MCP-06</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem:</u> OCS2					
<u>MCP-28</u>					
Motor OS 2HP	12	Ea	Motor OS 3HP	2	Ea
<u>Subsystem:</u> OS1					
<u>MCP-03</u>					
Motor OS 2HP	1	Ea			
<u>Subsystem:</u> OS2					
<u>MCP-04</u>					
Motor OS 2HP	1	Ea			
<u>Subsystem:</u> OS3					
<u>MCP-30</u>					
Motor OS 2HP	30	Ea	Motor OS 3HP	4	Ea
<u>Subsystem:</u> OS4					
<u>MCP-31</u>					

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<u>Subsystem:</u> OS4			Motor OS 2HP	8	Ea
<u>Subsystem:</u> OSRC					
<u>MCP-29</u>					
Motor OS 2HP	9	Ea	Motor OS 3HP	3	Ea
<u>Subsystem:</u> 2W2L					
<u>MCP-08</u>					
Motor OB 2HP	6	Ea			
<u>Subsystem:</u> 2W1L					
<u>MCP-10</u>					
Motor OB 2HP	7	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> RC1					
<u>MCP-10</u>					
Motor OB 2HP	1	Ea			
<u>MCP-11</u>					
Motor OB 2HP	6	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> TSA					
<u>MCP-08</u>					
Motor OB 2HP	4	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> 2WCX					
<u>MCP-07</u>					
Motor OB 2HP	8	Ea			
<u>Subsystem:</u> 2WX					
<u>MCP-07</u>					
Motor OB 2HP	9	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> XC32					
<u>MCP-13</u>					
Motor OB 2HP	7	Ea	Motor OB 5HP	2	Ea
<u>Subsystem:</u> ML1					
<u>MCP-12</u>					
Motor OB 2HP	14	Ea	Motor OB 3HP	2	Ea
Motor OB 5HP	2	Ea			
<u>MCP-13</u>					
Motor OB 2HP	9	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	3	Ea			
<u>Subsystem:</u> MU2WS					
<u>MCP-24</u>					
Motor OB 2HP	8	Ea	Motor OB 5HP	2	Ea
<u>MCP-25</u>					
Motor OB 2HP	9	Ea	Motor OB 3HP	1	Ea
Motor OB 5HP	4	Ea			
<u>Subsystem:</u> MU2WS1					
<u>MCP-26</u>					
Motor OB 2HP	5	Ea	Motor OB 3HP	2	Ea
Motor OB 7.5HP	2	Ea			
<u>Subsystem:</u> MU2WS2					

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<u>Subsystem:</u> MU2WS2			<u>MCP-25</u>		
Motor OB 2HP	3	Ea	Motor OB 5HP	2	Ea
<u>Subsystem:</u> 11WIB1					
Motor IB 1.5HP	2	Ea	Motor IB 1HP	1	Ea
Motor IB 2HP	1	Ea	Motor IB 3HP	3	Ea
Motor IB 5HP	2	Ea	Motor IB 7.5HP	1	Ea
<u>Subsystem:</u> 11WIB2					
Motor IB 1.5HP	3	Ea	Motor IB 1HP	2	Ea
Motor IB 5HP	5	Ea			
<u>Subsystem:</u> 11WIB3					
Motor IB 1.5HP	4	Ea	Motor IB 1HP	3	Ea
Motor IB 2HP	2	Ea	Motor IB 3HP	4	Ea
Motor IB 5HP	2	Ea	Motor IB 7.5HP	1	Ea
<u>Type:</u> LCP					
<u>Subsystem:</u> Primary					
PLC Siemens S7	8	Ea	PLC Square D Symax	1	Ea
S7 Digital module, 24V DC input, 16 I/O	1	Ea	S7 EtherNet interface 100 BaseT	8	Ea
S7 Power supply, 10A 5V	8	Ea	S7 Repeater module	16	Ea
<u>Subsystem:</u> Redundant					
PLC Siemens S7	8	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	8	Ea	S7 Power supply, 10A 5V	8	Ea
S7 Repeater module	16	Ea			
<u>Type:</u> MCP					
<u>Subsystem:</u> Oversize					
PLC Allen Bradley SLC500	2	Ea	PLC Square D Symax	1	Ea
<u>Subsystem:</u> outbound					
Contactor, non-reversing	508	Ea	Contactor, reversing	25	Ea
Fuse	1348	Ea	Power supply, 24 VDC	54	Ea
Profibus interface	62	Ea	Relay	1305	Ea
S7 Digital module, 110 VAC output	10	Ea	S7 Digital module, 24V DC input, 16 I/O	230	Ea
S7 Digital module, 24V DC output, 16 I/O	176	Ea	Soft start	3	Ea
Transformer	42	Ea			
<u>Subsystem:</u> Inbound					
PLC Square D Symax	3	Ea	Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Power Supply external		Ea	Symax Power Supply internal		Ea
<u>Subsystem:</u> Total					
MCP cabinet	26	Ea			
<u>Type:</u> Control Devices					

Subsystem: Total

Badge reader	7	Ea
Bag tag reader	11	Ea
Door	5	Ea
Limit switch	6	Ea
Photo eye	550	Ea
Shaft encoder	64	Ea

Type: Cabling

Subsystem: Total

Fiber	940	If
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Type: Computer Systems

Subsystem: Appendix H Workstation

CD-R drive	1	Ea
HP D9600 Intel SFF PC	1	Ea
Ram 1GB	1	Ea
Symbol LS3408 wireless hand-scanner/cradle	3	Ea

Subsystem: Graphics

Siemens 15" Graphics touch panel	3	Ea
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Subsystem: Hardware

Appendix H Workstation	1	Ea
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	4	Ea
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Type: GFE

Subsystem: Total

CI	1	Ea
CTX9000	6	Ea
pTRI	16	Ea

Module: 3E

Type: Conveyor Detail

Subsystem: OSCLR

Conveyor OS decline	2	Ea
Conveyor OS straight	3	If

Subsystem: TO1

Conveyor straight	6	Ea
Power turn, 90 deg	1	Ea

Bag Measuring Device	1	Ea
Control station	261	Ea
Duplex	21	Ea
Maintenance intervention control station (MICS)	122	Ea
Run lanyard	1	Ea
Warning alarm	80	Ea

HD 60 GB hard drive	1	Ea
NEC 20.1 LCD 1200x1600 native resolution	2	Ea
Rocket port 4Si	1	Ea
Windows XP, SP2	1	Ea

Rocket port 4Si	2	Ea
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CT-80	2	Ea
ETD	10	Ea
TRI	5	Ea

Conveyor length, OS summary	81	If_tot
Oversize Pflow lift	1	Ea
Security door	2	Ea

<u>Subsystem:</u> TO1					
Conveyor decline	1	Ea			
<u>Subsystem:</u> TO2					
Conveyor incline	2	Ea	Conveyor length, OS summary	191	If_tot
Conveyor length, OS summary	162	If_tot	Conveyor straight	9	Ea
Oversize Pflow lift	1	Ea	Power turn, 45 deg	4	Ea
Power turn, 90 deg	1	Ea	Security door	2	Ea
<u>Subsystem:</u> TO3					
	0			0	
Security door	2	Ea	Oversize Pflow lift	2	Ea
Conveyor length, OS summary	120	If_tot	Conveyor straight	12	Ea
Oversize Pflow lift	2	Ea			
<u>Subsystem:</u> C1					
Conveyor decline	2	Ea	Conveyor length, OB summary	111	If_tot
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea
Queue belt	4	Ea	Security door	1	Ea
Power turn, 45 deg	1	Ea			
<u>Subsystem:</u> C2					
Conveyor decline	1	Ea	Conveyor length, OB summary	159	If_tot
Conveyor straight	3	Ea	Power turn, 45 deg	1	Ea
Power turn, spiral, 180 deg	6	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	2	Ea	Security door	1	Ea
<u>Subsystem:</u> C3					
Conveyor decline	2	Ea	Conveyor length, OB summary	275	If_tot
Conveyor straight	4	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Power turn, 90 deg	3	Ea
Power turn, spiral, 180 deg	6	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	4	Ea	Security door	1	Ea
<u>Subsystem:</u> C4					
Conveyor decline	1	Ea	Conveyor length, OB summary	43	If_tot
Conveyor straight	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	1	Ea
Security door	1	Ea			
<u>Subsystem:</u> T1					
Conveyor decline	4	Ea	Conveyor length, OB summary	351	If_tot
Conveyor straight	3	Ea	Conveyor ticketing	2	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	5	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	4	Ea	Security door	1	Ea
<u>Subsystem:</u> T2					

Subsystem: T2

Conveyor decline	1	Ea
Conveyor ticketing	1	Ea
Power turn, 45 deg	1	Ea
Queue belt	3	Ea

Subsystem: T3

Conveyor decline	1	Ea
Conveyor ticketing	1	Ea
Power turn, 45 deg	1	Ea
Queue belt	3	Ea

Subsystem: T4

Conveyor decline	4	Ea
Conveyor straight	4	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	4	Ea
Security door	1	Ea

Subsystem: OS1

Conveyor length, OS summary	69	If_tot
Conveyor OS load	1	Ea
Oversize unload slide	1	Ea
Security door	1	Ea

Subsystem: OS2

Conveyor length, OS summary	69	If_tot
Conveyor OS load	1	Ea
Oversize unload slide	1	Ea
Security door	1	Ea

Subsystem: 3ETSA

Conveyor incline	3	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea
Queue belt	5	Ea

Subsystem: LSS1

Conveyor decline	1	Ea
Conveyor straight	10	Ea
Power turn, 45 deg	5	Ea
Power turn, spiral, 90 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: LSS2

Conveyor length, OB summary	120	If_tot
High-speed diverter	1	Ea
Queue belt	10	Ea

Subsystem: LSS3

Conveyor length, OB summary	111	If_tot
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Conveyor length, OB summary	76	If_tot
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea
Security door	1	Ea

Conveyor length, OB summary	72	If_tot
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea
Security door	1	Ea

Conveyor length, OB summary	296	If_tot
Conveyor ticketing	2	Ea
Power turn, 45 deg	1	Ea
Queue belt	2	Ea

Conveyor OS decline	2	Ea
Conveyor OS straight	1	Ea
Power turn OS, 90 deg	1	Ea

Conveyor OS decline	2	Ea
Conveyor OS straight	1	Ea
Power turn OS, 90 deg	1	Ea

Conveyor straight	2	Ea
Power turn, 45 deg	1	Ea
Power turn, spiral, 90 deg	2	Ea

Conveyor length, OB summary	495	If_tot
High-speed diverter	1	Ea
Power turn, 90 deg	1	Ea
Queue belt	11	Ea

Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Conveyor straight	2	Ea
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<u>Subsystem:</u> LSS3			High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Queue belt	11	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem:</u> LSS4					
Conveyor length, OB summary	102	lf_tot	Conveyor straight	4	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	9	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem:</u> LSS5					
Conveyor length, OB summary	94	lf_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	9	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem:</u> USS1					
Conveyor length, OB summary	391	lf_tot	Conveyor straight	11	Ea
Power turn, 45 deg	5	Ea	Power turn, 90 deg	2	Ea
Queue belt	1	Ea			
<u>Subsystem:</u> USS2					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	119	lf_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Queue belt	12	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem:</u> USS3					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	112	lf_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Queue belt	10	Ea	Takeaway, 45 deg	1	Ea
<u>Subsystem:</u> USS4					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	101	lf_tot	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 30 deg	2	Ea
Queue belt	12	Ea	Takeaway, 45 deg	1	Ea
<u>Subsystem:</u> USS5					
Conveyor decline	1	Ea	Conveyor length, OB summary	92	lf_tot
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 30 deg	2	Ea	Queue belt	10	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem:</u> UTL1					
Conveyor decline	1	Ea	Conveyor length, OB summary	80	lf_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 30 deg	2	Ea
Power turn, 45 deg	1	Ea	Queue belt	2	Ea

Subsystem: ML1

Conveyor decline	3	Ea
Conveyor length, OB summary	452	lf_tot
High-speed diverter	1	Ea
Power turn, spiral, 90 deg	1	Ea

Queue belt	4	Ea
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Subsystem: outbound

Carousel length, summary	576	lf_tot
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Subsystem: RC

Conveyor incline	3	Ea
Merge, 45 deg	1	Ea
Power turn, spiral, 90 deg	1	Ea

Subsystem: SP2

Conveyor decline	1	Ea
Conveyor straight	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: SP3

Conveyor decline	1	Ea
High-speed diverter	1	Ea

Conveyor straight	5	Ea
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Subsystem: SP4

Conveyor decline	1	Ea
High-speed diverter	1	Ea

Subsystem: SP5

Conveyor decline	1	Ea
Conveyor straight	2	Ea
Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: TX1

Conveyor decline	1	Ea
Merge, 45 deg	1	Ea
Power turn, 90 deg	1	Ea

Subsystem: UC1

Conveyor decline	1	Ea
Conveyor straight	1	Ea
Merge, 45 deg	1	Ea
Queue belt	3	Ea

Subsystem: 14EIB1

Conveyor incline	1	Ea
Conveyor straight	8	Ea
Power turn, 90 deg	3	Ea

Make-up unit, slope-plate	4	Ea
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Conveyor straight	1	Ea
Power turn, 45 deg	1	Ea
Queue belt	4	Ea

Conveyor length, OB summary	77	lf_tot
High-speed diverter	1	Ea

Conveyor length, OB summary	20	lf_tot
Power turn, spiral, 90 deg	2	Ea

Power turn, 45 deg	2	Ea
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Conveyor length, OB summary	20	lf_tot
Power turn, spiral, 90 deg	1	Ea

Conveyor length, OB summary	134	lf_tot
High-speed diverter	1	Ea
Power turn, spiral, 90 deg	2	Ea

Conveyor straight	3	Ea
Power turn, 45 deg	1	Ea
Queue belt	7	Ea

Conveyor length, OB summary	49	lf_tot
High-speed diverter	1	Ea
Power turn, spiral, 45 deg	1	Ea

Subsystem: 14EIB1

Conveyor incline	4	Ea
Conveyor load	2	Ea
Power turn, 90 deg	4	Ea
Security door	1	Ea

Subsystem: 14EIB2

Conveyor incline	3	Ea
Conveyor load	1	Ea
Power turn, 180 deg	1	Ea
Queue belt	1	Ea

Subsystem: 14EIB3

Conveyor incline	3	Ea
Conveyor load	1	Ea
Power turn, 90 deg	6	Ea
Queue belt	2	Ea

Subsystem: inbound

Carousel length, IB summary	602	If_tot
Oversize pax slide	1	Ea

Type: Conveyor Length

Subsystem: Summary

Conveyor length, decline	621	If
Conveyor length, straight	1992	If

Type: Motors

Subsystem: 14EIB

Motor IB 1.5HP	17	Ea
Motor IB 2HP	2	Ea
Motor IB 5HP	8	Ea

Subsystem: SK1

Motor OS 5HP	1	Ea
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Subsystem: TO1

Motor OB 2HP	8	Ea
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Subsystem: TO2

Motor OS 2HP	15	Ea
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Subsystem: TO3

Motor OS 2HP	10	Ea
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Subsystem: ULT1

MCP-08

Motor OB 1.5HP	1	Ea
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Subsystem: C1

Conveyor length IB, summary	242	If_tot
Conveyor straight	2	Ea
Power turn, spiral, 90 deg	1	Ea

Conveyor length IB, summary	252	If_tot
Conveyor straight	3	Ea
Power turn, 90 deg	4	Ea
Security door	1	Ea

Conveyor length IB, summary	300	If_tot
Conveyor straight	2	Ea
Power turn, spiral, 90 deg	1	Ea
Security door	1	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

Conveyor length, incline	195	If
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Motor IB 1HP	3	Ea
Motor IB 3HP	10	Ea
Motor IB 7.5HP	2	Ea

Motor OB 5HP	1	Ea
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Motor OS 5HP	1	Ea
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Motor OS 5HP	1	Ea
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Motor OB 2HP	8	Ea
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<u>Subsystem: C1</u>			<u>MCP-01</u>		
Motor OB 1.5HP	1	Ea	Motor OB 2HP	6	Ea
Motor OB 3HP	1	Ea	Motor OB 5HP	1	Ea
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem: C2</u>					
<u>MCP-01</u>					
Motor OB 1HP	1	Ea	Motor OB 2HP	6	Ea
Motor OB 3HP	7	Ea			
<u>Subsystem: C3</u>					
<u>MCP-02</u>					
Motor OB 1HP	1	Ea	Motor OB 2HP	13	Ea
Motor OB 3HP	7	Ea			
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem: C4</u>					
<u>MCP-02</u>					
Motor OB 2HP	4	Ea	Motor OB 3HP	1	Ea
<u>Subsystem: T1</u>					
<u>MCP-03</u>					
Motor OB 1.5HP	8	Ea	Motor OB 2HP	7	Ea
Motor OB 3HP	5	Ea			
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem: T2</u>					
<u>MCP-03</u>					
Motor OB 1.5HP	3	Ea	Motor OB 1HP	2	Ea
Motor OB 2HP	1	Ea	Motor OB 3HP	2	Ea
<u>Subsystem: T3</u>					
<u>MCP-04</u>					
Motor OB 1.5HP	4	Ea	Motor OB 1HP	1	Ea
Motor OB 2HP	1	Ea	Motor OB 3HP	2	Ea
<u>Subsystem: T4</u>					
<u>MCP-04</u>					
Motor OB 1.5HP	5	Ea	Motor OB 2HP	7	Ea
Motor OB 3HP	5	Ea			
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>Subsystem: OS1</u>					
<u>MCP-03</u>					
Motor OS 1.5HP	2	Ea	Motor OS 1HP	1	Ea
Motor OS 5HP	1	Ea			
<u>Subsystem: OS2</u>					
<u>MCP-04</u>					
Motor OS 1.5HP	2	Ea	Motor OS 1HP	1	Ea
Motor OS 5HP	1	Ea			
<u>Subsystem: LSS1</u>					
<u>MCP-08</u>					

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<u>Subsystem:</u> LSS1			Motor OB 1.5HP	1	Ea
Motor OB 2HP	20	Ea	Motor OB 3HP	5	Ea
Motor OB 5HP	4	Ea			
<u>Subsystem:</u> LSS2					
<u>MCP-08</u>					
Motor OB 2HP	1	Ea			
<u>MCP-09</u>					
Motor OB 2HP	13	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> LSS3					
<u>MCP-08</u>					
Motor OB 2HP	1	Ea			
<u>MCP-10</u>					
Motor OB 1HP	1	Ea	Motor OB 2HP	12	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> LSS4					
<u>MCP-08</u>					
Motor OB 2HP	1	Ea			
<u>MCP-16</u>					
Motor OB 2HP	13	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> LSS5					
<u>MCP-08</u>					
Motor OB 2HP	1	Ea			
<u>MCP-11</u>					
Motor OB 2HP	14	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> RC1					
<u>MCP-12</u>					
Motor OB 2HP	1	Ea			
<u>MCP-17</u>					
Motor OB 2HP	7	Ea	Motor OB 3HP	3	Ea
<u>Subsystem:</u> USS1					
<u>MCP-05</u>					
Motor OB 2HP	12	Ea	Motor OB 3HP	3	Ea
Motor OB 5HP	4	Ea			
<u>Subsystem:</u> USS2					
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>MCP-06</u>					
Motor OB 2HP	13	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> USS3					
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>MCP-14</u>					
Motor OB 2HP	13	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u> USS4					
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>MCP-15</u>					
Motor OB 2HP	16	Ea	Motor OB 3HP	1	Ea

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<u>Subsystem:</u> USS5					
<u>MCP-05</u>					
Motor OB 2HP	1	Ea			
<u>MCP-07</u>					
Motor OB 2HP	14	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> ML1					
<u>MCP-12</u>					
Motor OB 2HP	7	Ea	Motor OB 3HP	3	Ea
Motor OB 5HP	6	Ea			
<u>Subsystem:</u> SP2					
<u>MCP-13</u>					
Motor OB 2HP	4	Ea	Motor OB 3HP	1	Ea
<u>Subsystem:</u> SP3					
<u>MCP-13</u>					
Motor OB 1.5HP	1	Ea	Motor OB 2HP	1	Ea
<u>Subsystem:</u> SP4					
<u>MCP-13</u>					
Motor OB 1.5HP	1	Ea	Motor OB 2HP	1	Ea
<u>Subsystem:</u> SP5					
<u>MCP-13</u>					
Motor OB 2HP	6	Ea	Motor OB 3HP	7	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> UC1					
<u>MCP-12</u>					
Motor OB 2HP	7	Ea			
<u>Type:</u> LCP					
<u>Subsystem:</u> Internal					
Back-up module	10	Ea	ControlNet bridge	34	Ea
EtherNet interface	2	Ea	Gateway Interface	2	Ea
S7 Digital module, 24V DC input, 16 I/O	2	Ea	S7 Digital module, 24V DC output, 16 I/O	2	Ea
S7 Power supply, 10A 5V	12	Ea			
<u>Subsystem:</u> primary					
PLC Allen Bradley 5500	5	Ea	S7 Repeater module	20	Ea
<u>Subsystem:</u> redundant					
PLC Allen Bradley 5500	5	Ea	S7 Repeater module	20	Ea
<u>Type:</u> MCP					
<u>Subsystem:</u> Oversize					
AB Digital module, 110V AC input, 16 I/O	14	Ea	AB Digital module, 110V AC input, 16 I/O	28	Ea
Contactora, non-reversing	29	Ea	Contactora, reversing	4	Ea
External braking resistor	4	Ea	Fuse	96	Ea
Panel Heater	4	Ea	PLC Allen Bradley SLC500	4	Ea
Relay	54	Ea	Safetronics VFD	4	Ea
Transformer	10	Ea			

Subsystem: outbound

AB Digital module, 110V AC input, 16 I/O	160	Ea
AB Digital module, 24V DC input, 16 I/O	15	Ea
Contactora, reversing	65	Ea
ControLogix interface	13	Ea
Fuse	502	Ea
Relay	616	Ea
Soft start	4	Ea

Subsystem: Inbound

PLC Square D Symax	3	Ea
Symax Digital module, 110V AC output, 16 I/O		Ea
Symax Power Supply internal		Ea

Subsystem: Total

MCP cabinet	24	Ea
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Type: Control Devices

Subsystem: Total

Badge reader	14	Ea
Control station	207	Ea
Limit switch	146	Ea
Photo eye	390	Ea
Run lanyard	2	Ea
Solonoid	46	Ea

Type: Cabling

Subsystem: Total

Fiber	180	If
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Type: Computer Systems

Subsystem: Appendix H Workstation

CD-R drive	1	Ea
HP D9600 Intel SFF PC	1	Ea
Ram 1GB	1	Ea
Symbol LS3408 wireless hand-scanner/cradle	3	Ea

Subsystem: Hardware

Appendix H Workstation	1	Ea
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Type: GFE

Subsystem: shared w/ FIS

TRI	3	Ea
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Subsystem: Total

AB Digital module, 110V AC output, 16 I/O	97	Ea
Contactora, non-reversing	334	Ea
ControlNet bridge	34	Ea
EtherNet interface	7	Ea
Power supply, 24 VDC	15	Ea
S7 Power supply, 10A 5V	34	Ea
Transformer	38	Ea

Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Power Supply external		Ea

Bag tag reader	8	Ea
Door	14	Ea
Maintenance intervention control station (MICS)	76	Ea
Quadplex	14	Ea
Shaft encoder	53	Ea
Warning alarm	57	Ea

HD 60 GB hard drive	1	Ea
NEC 20.1 LCD 1200x1600 native resolution	1	Ea
Rocket port 4Si	1	Ea
Windows XP, SP2	1	Ea

<u>Subsystem:</u> Total						
CI	1	Ea	CT-80	1	Ea	
CTX9000	4	Ea	CTX9400	2	Ea	
ETD	6	Ea	pTRI	15	Ea	
 Module: 3W						
<hr/>						
<u>Type:</u> Conveyor Detail						
<u>Subsystem:</u> BCF4						
<hr/>						
Conveyor incline	2	Ea	CONVEYOR Straight	3	Ea	
Power turn, 45 deg	2	Ea	Power turn, 90 deg	1	Ea	
<u>Subsystem:</u> CB3						
<hr/>						
High-speed diverter	1	Ea				
<u>Subsystem:</u> OSP						
<hr/>						
Pet Lift	1	Ea				
<u>Subsystem:</u> C13						
<hr/>						
Conveyor decline	2	Ea	Conveyor length, OB summary	215	If_tot	
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea	
Power turn, 45 deg	3	Ea	Power turn, 90 deg	1	Ea	
Power turn, spiral, 180 deg	6	Ea	Power turn, spiral, 90 deg	1	Ea	
Queue belt	1	Ea	Security door	1	Ea	
<u>Subsystem:</u> C14						
<hr/>						
Conveyor decline	1	Ea	Conveyor length, OB summary	154	If_tot	
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea	
Power turn, 90 deg	1	Ea	Power turn, spiral, 180 deg	6	Ea	
Queue belt	3	Ea	Security door	1	Ea	
<u>Subsystem:</u> C15						
<hr/>						
Conveyor decline	1	Ea	Conveyor length, OB summary	86	If_tot	
Conveyor straight	2	Ea	Merge, 45 deg	1	Ea	
Power turn, 90 deg	1	Ea	Queue belt	2	Ea	
Security door	1	Ea				
<u>Subsystem:</u> TC1						
<hr/>						
Conveyor decline	8	Ea	Conveyor incline/decline	1	Ea	
Conveyor length, OB summary	737	If_tot	Conveyor straight	9	Ea	
Conveyor ticketing	2	Ea	High-speed diverter	1	Ea	
Merge, 45 deg	1	Ea	Power turn, 135 deg	1	Ea	
Power turn, 30 deg	1	Ea	Power turn, 45 deg	3	Ea	
Power turn, 90 deg	7	Ea	Power turn, spiral, 90 deg	6	Ea	
Queue belt	5	Ea	Security door	1	Ea	
VFD	1	Ea				
<u>Subsystem:</u> TC2						
<hr/>						
Conveyor decline	9	Ea	Conveyor incline	1	Ea	
Conveyor length, OB summary	1265	If_tot	Conveyor straight	24	Ea	

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<u>Subsystem:</u> TC2			Conveyor ticketing	2	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	6	Ea
Power turn, 90 deg	11	Ea	Power turn, spiral, 90 deg	4	Ea
Queue belt	8	Ea	Security door	1	Ea
<u>Subsystem:</u> TC3					
High-speed diverter	1	Ea			
<u>Subsystem:</u> TC4					
High-speed diverter	1	Ea			
<u>Subsystem:</u> 3WOS1					
Conveyor length, OS summary	5	lf_tot	Conveyor OS straight	1	Ea
High-speed diverter	1	Ea	Oddsize Roll Bars	1	Ea
<u>Subsystem:</u> 3WOS2					
Conveyor length, OS summary	5	lf_tot	Conveyor OS straight	1	Ea
High-speed diverter	1	Ea	Oddsize Roll Bars	1	Ea
<u>Subsystem:</u> 3W2L					
Conveyor length, OB summary	37	lf_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	3	Ea
VFD	2	Ea			
<u>Subsystem:</u> 3WBP1					
Conveyor incline	1	Ea	Conveyor length, OB summary	67	lf_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea	Queue belt	3	Ea
VFD	3	Ea			
<u>Subsystem:</u> 3W1L					
Conveyor length, OB summary	101	lf_tot	Conveyor straight	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	5	Ea
VFD	4	Ea			
<u>Subsystem:</u> 3W1L1					
Conveyor incline	1	Ea	Conveyor length, OB summary	81	lf_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Queue belt	7	Ea	Takeaway, 45 deg	1	Ea
VFD	4	Ea			
<u>Subsystem:</u> 3W1L2					
Conveyor incline	1	Ea	Conveyor length, OB summary	81	lf_tot
Conveyor straight	2	Ea	High-speed diverter	1	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	3	Ea
Queue belt	7	Ea	Takeaway, 45 deg	1	Ea
VFD	4	Ea			

Subsystem: 3W1L3

Conveyor incline	1	Ea
Conveyor straight	3	Ea
Merge, 45 deg	1	Ea
Queue belt	7	Ea
VFD	4	Ea

Conveyor length, OB summary	81	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3W1L4

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	9	Ea
VFD	4	Ea

Conveyor length, OB summary	77	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3W2L1

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	4	Ea
VFD	4	Ea

Conveyor length, OB summary	78	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3W2L2

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	6	Ea
VFD	4	Ea

Conveyor length, OB summary	77	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3W2L3

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	6	Ea
VFD	3	Ea

Conveyor length, OB summary	77	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3W2L4

Conveyor incline	1	Ea
Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	4	Ea
VFD	3	Ea

Conveyor length, OB summary	78	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	3	Ea
Takeaway, 45 deg	1	Ea

Subsystem: 3WRC1

Conveyor length, OB summary	97	If_tot
High-speed diverter	1	Ea
Power turn, 45 deg	2	Ea
Takeaway, 45 deg	1	Ea

Conveyor straight	2	Ea
Merge, 45 deg	1	Ea
Queue belt	3	Ea
VFD	1	Ea

Subsystem: 3WRC2

Conveyor incline	1	Ea
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Conveyor length, OB summary	97	If_tot
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<u>Subsystem: 3WRC2</u>			Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	2	Ea
Takeaway, 45 deg	1	Ea	VFD	1	Ea
Power turn, 90 deg	1	Ea			
<u>Subsystem: 3WSL1</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	594	If_tot
Conveyor straight	17	Ea	High-speed diverter	1	Ea
Power turn, 45 deg	5	Ea	Power turn, 90 deg	3	Ea
Queue belt	6	Ea	Takeaway, 45 deg	1	Ea
VFD	8	Ea			
<u>Subsystem: 3WTSA</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	60	If_tot	Power turn, 45 deg	1	Ea
Power turn, 90 deg	1	Ea	Queue belt	1	Ea
<u>Subsystem: 3WCX</u>					
Conveyor decline	1	Ea	Conveyor length, OB summary	40	If_tot
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	2	Ea	Queue belt	2	Ea
Queue belt (ext)	1	Ea	Takeaway, 45 deg	1	Ea
VFD	1	Ea			
<u>Subsystem: 3WX</u>					
Conveyor decline	1	Ea	Conveyor incline	1	Ea
Conveyor length, OB summary	103	If_tot	Conveyor straight	2	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	4	Ea
VFD	1	Ea			
<u>Subsystem: XC32</u>					
Conveyor length, OB summary	47	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	1	Ea
Takeaway, 45 deg	1	Ea			
<u>Subsystem: 3WBP</u>					
Conveyor length, OB summary	27	If_tot	Conveyor straight	1	Ea
High-speed diverter	1	Ea	Merge, 45 deg	1	Ea
Power turn, 45 deg	1	Ea	Queue belt	2	Ea
VFD	1	Ea			
<u>Subsystem: 3WML</u>					
Conveyor decline	1	Ea	Conveyor incline	3	Ea
Conveyor length, OB summary	250	If_tot	Conveyor straight	3	Ea
High-speed diverter	1	Ea	Power turn, 45 deg	3	Ea
Power turn, 90 deg	4	Ea	Queue belt	4	Ea
Takeaway, 45 deg	1	Ea	VFD	4	Ea
<u>Subsystem: 3WRC3</u>					

Subsystem: 3WRC3

Conveyor incline	1	Ea
Conveyor straight	1	Ea
Power turn, 45 deg	3	Ea
VFD	1	Ea

Subsystem: MU3WN

Conveyor decline	1	Ea
Conveyor incline/decline	2	Ea
Conveyor straight	12	Ea
Power turn, 30 deg	2	Ea
Power turn, spiral, 30 deg	2	Ea
Queue belt	6	Ea
VFD	4	Ea

Subsystem: MU3WN1

Conveyor decline	1	Ea
Conveyor length, OB summary	64	If_tot
High-speed diverter	1	Ea
Power turn, spiral, 90 deg	1	Ea

Subsystem: MU3WN2

Conveyor decline	1	Ea
Conveyor straight	2	Ea

Subsystem: outbound

Carousel length, summary	656	If_tot
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Subsystem: 14WIB1

Conveyor incline	3	Ea
Conveyor load	2	Ea
Power turn, 180 deg	1	Ea
Security door	1	Ea

Subsystem: 14WIB2

Conveyor incline	4	Ea
Conveyor load	2	Ea
Power turn, 180 deg	1	Ea
Security door	1	Ea

Subsystem: 14WIB3

Conveyor incline	7	Ea
Power turn, 180 deg	1	Ea
Power turn, 90 deg	3	Ea

Subsystem: inbound

Carousel length, IB summary	649	If_tot
Oversize pax slide	1	Ea

Type: Conveyor Length

Subsystem: Total

Conveyor length, OB summary	81	If_tot
Merge, 45 deg	1	Ea
Queue belt	1	Ea

Conveyor incline	1	Ea
Conveyor length, OB summary	403	If_tot
High-speed diverter	1	Ea
Power turn, 90 deg	1	Ea
Power turn, spiral, 90 deg	1	Ea
Takeaway, 45 deg	1	Ea

Conveyor incline/decline	1	Ea
Conveyor straight	2	Ea
Power turn, spiral, 30 deg	2	Ea

Conveyor length, OB summary	38	If_tot
High-speed diverter	1	Ea

Make-up unit, flat-plate w/ plow merge	3	Ea
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Conveyor length IB, summary	288	If_tot
Conveyor straight	2	Ea
Power turn, 90 deg	5	Ea

Conveyor length IB, summary	256	If_tot
Conveyor straight	1	Ea
Power turn, 90 deg	5	Ea

Conveyor straight	8	Ea
Power turn, 30 deg	1	Ea
Security door	1	Ea

Claim unit, slope-plate	3	Ea
Ski claim	1	Ea

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<u>Subsystem:</u> Total					
Conveyor length, decline	569	If	Conveyor length, incline	313	If
Conveyor length, straight	3065	If			
<u>Type:</u> Motors					
<u>Subsystem:</u> IB					
Motor 7.5HP	2	Ea	Motor IB 1.5HP	9	Ea
Motor IB 1HP	6	Ea	Motor IB 2HP	3	Ea
Motor IB 3HP	7	Ea	Motor IB 5HP	9	Ea
<u>Subsystem:</u> OB					
Motor OB 1.5HP	12	Ea	Motor OB 1HP	2	Ea
Motor OB 2HP	339	Ea			
Motor OB 3HP	50	Ea	Motor OB 5HP	47	Ea
Motor OB 7.5HP	2	Ea			
<u>Type:</u> LCP					
<u>Subsystem:</u> Primary					
PLC Siemens S7	8	Ea	PLC Square D Symax	4	Ea
S7 Digital module, 24V DC input, 16 I/O	1	Ea	S7 EtherNet interface 100 BaseT	8	Ea
S7 Power supply, 10A 5V	8	Ea	S7 Repeater module	16	Ea
<u>Subsystem:</u> Redundant					
PLC Siemens S7	8	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	8	Ea	S7 Power supply, 10A 5V	8	Ea
S7 Repeater module	16	Ea			
<u>Type:</u> MCP					
<u>Subsystem:</u> outbound					
Contactor, non-reversing	517	Ea	Contactor, reversing	27	Ea
Fuse	1293	Ea	Power supply, 24 VDC	54	Ea
Profibus interface	63	Ea	Relay	1277	Ea
S7 Digital module, 110 VAC output	8	Ea	S7 Digital module, 24V DC input, 16 I/O	231	Ea
S7 Digital module, 24V DC output, 16 I/O	181	Ea	Soft start	3	Ea
Transformer	42	Ea			
<u>Subsystem:</u> Inbound					
PLC Square D Symax	3	Ea	Symax Digital module, 110V AC input, 16 I/O		Ea
Symax Digital module, 110V AC output, 16 I/O		Ea	Symax Power Supply external		Ea
Symax Power Supply internal		Ea			
<u>Subsystem:</u> Total					
MCP cabinet	26	Ea			
<u>Type:</u> Control Devices					
<u>Subsystem:</u> Total					

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<u>Subsystem:</u>	Total		
Bag tag reader	10	Ea	
Door	5	Ea	
Limit switch	4	Ea	
Photo eye	570	Ea	
Shaft encoder	67	Ea	

Type: Cabling

<u>Subsystem:</u>	Total		
Fiber	640	lf	

Type: Computer Systems

<u>Subsystem:</u>	Appendix H Workstation		
CD-R drive	1	Ea	
HP D9600 Intel SFF PC	1	Ea	
Ram 1GB	1	Ea	
Symbol LS3408 wireless hand-scanner/cradle	3	Ea	

Subsystem: Graphics

Siemens 15" Graphics touch panel	3	Ea	
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Subsystem: Hardware

Appendix H Workstation	1	Ea	
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	4	Ea	
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Type: GFE

Subsystem: Total

CI	1	Ea	
ETD	10	Ea	
TRI	4	Ea	

Module: FIS

Type: Conveyor Detail

Subsystem: 5OS1

Conveyor length, OS summary	193	lf_tot	
Conveyor OS straight	2	Ea	
Power turn OS, 90 deg	3	Ea	

Subsystem: FISSE

Conveyor length, OS summary	137	lf_tot	
Conveyor OS load	1	Ea	
Power turn OS, 90 deg	3	Ea	

Subsystem: F

Badge reader	7	Ea	
Control station	259	Ea	
Duplex	16	Ea	
Maintenance intervention control station (MICS)	119	Ea	
Run lanyard	1	Ea	
Warning alarm	77	Ea	

HD 60 GB hard drive	1	Ea	
NEC 20.1 LCD 1200x1600 native resolution	2	Ea	
Rocket port 4Si	1	Ea	
Windows XP, SP2	1	Ea	

Rocket port 4Si	2	Ea	
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CTX9000	5	Ea	
pTRI	16	Ea	

Conveyor OS incline	1	Ea	
Conveyor OS unload	1	Ea	
Power turn OS, spiral, 180 deg	4	Ea	

Conveyor OS incline	3	Ea	
Conveyor OS straight	2	Ea	
Security door	1	Ea	

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<u>Subsystem:</u> F					
Conveyor incline	2	Ea	Conveyor length, OB summary	417	If_tot
Conveyor straight	2	Ea	Power turn, 90 deg	1	Ea
<u>Subsystem:</u> CB1					
High-speed diverter	1	Ea			
<u>Subsystem:</u> CB2					
High-speed diverter	1	Ea			
<u>Subsystem:</u> Transfer					
Blue storage bins	24	Ea			
<u>Subsystem:</u> 5IB1					
Conveyor incline	5	Ea	Conveyor length IB, summary	332	If_tot
Conveyor load	2	Ea	Conveyor straight	3	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	4	Ea	Queue belt	2	Ea
<u>Subsystem:</u> 5IB2					
Conveyor incline	5	Ea	Conveyor length IB, summary	358	If_tot
Conveyor load	2	Ea	Conveyor straight	3	Ea
Merge, 45 deg	1	Ea	Power turn, 45 deg	1	Ea
Power turn, 90 deg	4	Ea	Queue belt	3	Ea
<u>Subsystem:</u> 5IB3					
Conveyor incline	4	Ea	Conveyor length IB, summary	393	If_tot
Conveyor load	2	Ea	Conveyor straight	4	Ea
Merge, 45 deg	1	Ea	Power turn, 30 deg	1	Ea
Power turn, 45 deg	1	Ea	Power turn, 60 deg	1	Ea
Power turn, 90 deg	5	Ea	Power turn, spiral, 90 deg	1	Ea
Queue belt	2	Ea	Queue belt (ext)	1	Ea
Security door	1	Ea			
<u>Subsystem:</u> inbound					
Carousel length, IB summary	654	If_tot	Claim unit, slope-plate	3	Ea
Oversize pax slide	1	Ea			
<u>Type:</u> Conveyor Length					
<u>Subsystem:</u> Summary					
Conveyor length, decline	272	If	Conveyor length, incline	137	If
Conveyor length, straight	652	If	Conveyor OS decline	145	If
Conveyor OS incline	88	If	Conveyor OS straight	225	If
<u>Type:</u> Motors					
<u>Subsystem:</u> F					
<u>MCP-01</u>					
Motor OB 2HP	8	Ea	Motor OB 3HP	3	Ea
Motor OB 5HP	4	Ea			

<u>Subsystem:</u> SB1					
<u>MCP-01</u>					
Motor OB 2HP	1	Ea			
<u>MCP-02</u>					
Motor OB 2HP	18	Ea			
<u>Subsystem:</u> SB2					
<u>MCP-01</u>					
Motor OB 2HP	1	Ea			
<u>MCP-03</u>					
Motor OB 2HP	12	Ea			
<u>Subsystem:</u> TSA					
Motor OB 2HP	10	Ea			
<u>Subsystem:</u> CB1					
<u>MCP-04</u>					
Motor OB 2HP	6	Ea	Motor OB 5HP	1	Ea
<u>Subsystem:</u> CB2					
<u>MCP-06</u>					
Motor OB 2HP	21	Ea	Motor OB 3HP	5	Ea
Motor OB 5HP	6	Ea			
<u>Subsystem:</u> RC					
<u>MCP-01</u>					
Motor OB 2HP	1	Ea			
<u>MCP-04</u>					
Motor OB 2HP	9	Ea	Motor OB 3HP	2	Ea
Motor OB 5HP	1	Ea			
<u>Subsystem:</u> 5IB1					
<u>MCP-07</u>					
Motor IB 2HP	9	Ea	Motor IB 3HP	4	Ea
Motor IB 5HP	2	Ea	Motor IB 7.5HP	4	Ea
<u>Subsystem:</u> 5IB2					
<u>MCP-08</u>					
Motor IB 2HP	11	Ea	Motor IB 3HP	2	Ea
Motor IB 5HP	1	Ea	Motor IB 7.5HP	4	Ea
<u>Subsystem:</u> 5IB3					
<u>MCP-09</u>					
Motor IB 2HP	17	Ea	Motor IB 5HP	4	Ea
Motor IB 7.5HP	3	Ea			
<u>Type:</u> LCP					
<u>Subsystem:</u> Primary					
PLC Siemens S7	2	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	2	Ea	S7 Power supply, 10A 5V	2	Ea
S7 Repeater module	4	Ea			
<u>Subsystem:</u> Redundant					
PLC Siemens S7	2	Ea	S7 Digital module, 24V DC input, 16 I/O	1	Ea
S7 EtherNet interface 100 BaseT	2	Ea	S7 Power supply, 10A 5V	2	Ea

Appendix C BHS Equipment Inventory

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<u>Subsystem:</u> Redundant			S7 Repeater module	4	Ea
<hr/>					
<u>Type:</u> MCP					
<hr/>					
<u>Subsystem:</u> Oversize					
<hr/>					
AB Digital module, 110V AC input, 16 I/O	7	Ea	AB Digital module, 110V AC output, 16 I/O	5	Ea
Contactora, non-reversing	44	Ea	Contactora, reversing	1	Ea
Fuse	43	Ea	Panel Heater	3	Ea
PLC Allen Bradley PLC5	1	Ea	PLC Square D Symax	1	Ea
Relay	16	Ea	Symax Digital module, 110V AC input, 16 I/O	8	Ea
Symax Digital module, 110V AC output, 16 I/O	7	Ea			
<u>Subsystem:</u> outbound					
<hr/>					
Contactora, non-reversing	118	Ea	Contactora, reversing	5	Ea
Fuse	296	Ea	Power supply, 24 VDC	14	Ea
Profibus interface	14	Ea	Relay	297	Ea
S7 Digital module, 110 VAC output	10	Ea	S7 Digital module, 24V DC input, 16 I/O	50	Ea
S7 Digital module, 24V DC output, 16 I/O	41	Ea	Transformer	13	Ea
<u>Subsystem:</u> inbound					
<hr/>					
<u>Primary</u>					
PLC Siemens S7	3	Ea	S7 Digital module, 24V DC output, 16 I/O	18	Ea
S7 Power supply, 10A 5V	6	Ea	S7 Repeater module	4	Ea
S7 Repeater module	4	Ea			
<u>Redundant</u>					
PLC Siemens S7	3	Ea	S7 Digital module, 24V DC input, 16 I/O	30	Ea
<u>Subsystem:</u> Total					
<hr/>					
MCP cabinet	3	Ea	MCP cabinet	6	Ea
<u>Type:</u> Control Devices					
<hr/>					
<u>Subsystem:</u> outbound					
<hr/>					
Badge reader	2	Ea	Bag tag reader	2	Ea
Control station	65	Ea	Door	2	Ea
Duplex	4	Ea	Limit switch	2	Ea
Maintenance intervention control station (MICS)	24	Ea	Photo eye	120	Ea
Run lanyard	2	Ea	Shaft encoder	19	Ea
Warning alarm	21	Ea			
<u>Subsystem:</u> Inbound					
<hr/>					
Contactora, non-reversing	69	Ea	Contactora, reversing	3	Ea
Control station	48	Ea	Maintenance intervention control station (MICS)	24	Ea
Photo eye	84	Ea	Security door	3	Ea
Warning alarm	18	Ea			
<u>Type:</u> Cabling					
<hr/>					
<u>Subsystem:</u> Total					
<hr/>					
Fiber	660	If			

Type: Computer Systems

Subsystem: Appendix H Workstation

CD-R drive	1	Ea
HP D9600 Intel SFF PC	1	Ea
Ram 1GB	1	Ea
Symbol LS3408 wireless hand-scanner/cradle	2	Ea

Subsystem: Graphics

Siemens 15" Graphics touch panel	1	Ea
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Subsystem: Hardware

Appendix H workstation	1	Ea
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Subsystem: Network

NTRON 10/100BaseT & 100BaseFX 16 port	2	Ea
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Type: GFE

Subsystem: shared w/ 3E

TRI (shared w/ 3E)	3	Ea
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Subsystem: Total

CI	0	Ea
ETD	6	Ea

HD 60 GB hard drive	1	Ea
NEC 20.1 LCD 1200x1600 native resolution	1	Ea
Rocket port 4Si	1	Ea
Windows XP, SP2	1	Ea

CTX9000	2	Ea
pTRI	8	Ea

Module: CMF

Type: Computer Systems

Subsystem: Workstation

Graphic workstation Client

CD-R drive	2	Ea
HD 70 Gb, 10000 RPM eSATA	2	Ea
HP Storageworks Dat 40	2	Ea
RAM 2GB	2	Ea
Windows 2000 Server, SP4	2	Ea

Graphic Workstation GSM

CD/DVD RW combo	2	Ea
HD 500 Gb, 10000 RPM eSATA	2	Ea
NEC 20.1 LCD 1200x1600 native resolution	1	Ea
SCADA GSM Client	2	Ea

Unix WorkStation

NEC 20.1 LCD 1200x1600 native resolution	1	Ea
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User WorkStation

CD-RW drive	3	Ea
HP 7600 Series SFF, Intel dual core	3	Ea
Ram 1GB	1	Ea
User Interface (IE)	1	Ea
Windows Office 2003	1	Ea

Subsystem: Hardware

HD 250 Gb, 10000 RPM eSATA	2	Ea
HP ML330 Intel Xenon, 2.8 GHz	2	Ea
NEC 20.1 LCD 1200x1600 native resolution	2	Ea
SCADA WinCC Client	2	Ea

EtherNet Adapter 10/100/1000 BaseT	2	Ea
HP 7600 Series SFF, Intel dual core	2	Ea
RAM 2GB	2	Ea
Windows Vista, SP2	2	Ea

User interface (Native Unix)	1	Ea
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HD 250 Gb, 10000 RPM eSATA	3	Ea
NEC 20.1 LCD 1200x1600 native resolution	2	Ea
RAM 2GB	2	Ea
User Interface (Putty)	3	Ea
Windows XP, SP2	3	Ea

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<u>Subsystem:</u> Hardware			
Graphic Workstation GSM	2	Ea	
Work Station Computer	3	Ea	

<u>Subsystem:</u> Video Wall			
1024 x 768 Cube Monitors	8	Ea	
Christie Mastersuite 3.1	1	Ea	
HD 36GB, 7200 RPM Scsii	1	Ea	
Windows XP, SP2	1	Ea	

Module: Server Room L6

Type: Computer Systems

<u>Subsystem:</u> BSM Gateway			
<u>Common</u>			
APC Keyboard/touchpad/combo	2	Ea	
APC UPS battery pack	4	Ea	
HP 17" LCD 1200x1600 native resolution	2	Ea	
Patch panel 48 way	2	Ea	
Rack 19" APC Netshelter 42U	3	Ea	

<u>Interface Workstation</u>			
ARINC Proprietary Application Interface Software	4	Ea	
Cisco router/firewall, 2800 series	3	Ea	
HD 80 Gb, 7200 RPM eSATA	4	Ea	
RAM 1GB	4	Ea	

<u>Remote Workstation</u>			
CD/DVD R combo	2	Ea	
External Multitech Multimaster Modem	2	Ea	
HP D7800 SFF Pentium 3.4 GHz	2	Ea	
Windows XP, SP2	2	Ea	

<u>Server</u>			
ARINC Proprietary Application Server Software	4	Ea	
Dual EtherNet Adapter 10/100/1000 BaseT	4	Ea	
HD Raid 5 + spare, 146 Gb, 10k RPM SAS 2.5	4	Ea	
Raid Controller Smart Array P400/512	4	Ea	
Windows 2003 Server R2, SP2	4	Ea	

<u>Subsystem:</u> Common			
Keyboard/touchpad/19" LCD combo	1	Ea	
KVM switch 16 port slave	1	Ea	
Rack 19" Encore Fan assembly	5	Ea	

<u>Subsystem:</u> UUI			
CD-R drive	2	Ea	
Dual Power supplies	4	Ea	
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea	
RAM 3GB	2	Ea	
Windows 2003 Server Enterprise, SP2	1	Ea	

Graphics Workstation Client	2	Ea	
Christie DisplayMaster Graphics Output Module 4 port	2	Ea	
Christie RGBMaster RGB input Module 2 port	1	Ea	
HP ML 370/G3	1	Ea	

APC smart UPS 3000XL	4	Ea	
Cisco switch, Catalyst 3560G 24+4 port 10/100/1000 BaseT	4	Ea	
KVM switch, Avocent 1415 8 port	2	Ea	
Rack 19" APC internal shelf	6	Ea	

CD/DVD R combo	4	Ea	
EtherNet Adapter 10/100/1000 BaseT	4	Ea	
HP D7800 SFF Pentium 3.4 GHz	4	Ea	
Windows XP, SP2	4	Ea	

EtherNet Adapter 10/100/1000 BaseT	2	Ea	
HD 80 Gb, 7200 RPM eSATA	2	Ea	
Ram 1GB	2	Ea	

CD/DVD R combo	4	Ea	
Dual Power supplies	4	Ea	
HP DL380/G5 Dual Intel Xenon Quad-Core Processor	4	Ea	
RAM 3.25 GB ECC	4	Ea	

KVM switch 16 port primary	1	Ea	
Rack 19" Encore 52U, glass front door	5	Ea	

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea	
HD Raid 1, 36 Gb, 7200 RPM Scsii	4	Ea	
RAID Controller 64 bit SCSIII	1	Ea	
Siemens Proprietary UUI	1	Ea	

Subsystem: VPN Server

AB RSLogix 5000 programming suite	1	Ea
Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD RAID 1, 36GB, 15k RPM Scsii	2	Ea
HP ML370/G3 Dual IBM Intel Xenon, 2.8 GHz	1	Ea
Ram 2GB	1	Ea
Windows XP, SP3	1	Ea

Subsystem: WebNav

CD-R drive	1	Ea
Dual Power supplies	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
RAM 2GB	1	Ea
Windows 2000 Adv Server, SP4	1	Ea

Subsystem: Workstation

User WorkStation

CD/DVD RW combo	2	Ea
HD 250 Gb, 10000 RPM eSATA	2	Ea
HP 7600 Series SFF, Intel dual core	2	Ea
User Interface (Putty)	2	Ea

Subsystem: Graphics

FIS

CD-R drive	2	Ea
Dual Power supplies	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
RAM 2GB	2	Ea
Windows 2000 Adv Server, SP4	1	Ea

Mod 1E

CD-R drive	2	Ea
Dual Power supplies	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
RAM 2GB	2	Ea
Windows 2000 Adv Server, SP4	1	Ea

Mod 1W

CD-R drive	2	Ea
Dual Power supplies	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
RAM 2GB	2	Ea
Windows 2000 Adv Server, SP4	1	Ea

Mod 2E

CD-R drive	2	Ea
Dual Power supplies	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
RAM 2GB	2	Ea
Windows 2000 Adv Server, SP4	1	Ea

Mod 2W

CD-R drive	2	Ea
Dual Power supplies	4	Ea

CD-R drive	1	Ea
Floppy 1.44 MB	1	Ea
HD Raid 5, 300 Gb, 10k RPM Scsii	2	Ea
Raid Controller Smart Array 6402	1	Ea
Siemens Step7 Programming suite	1	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
RAID Controller 64 bit SCSI	1	Ea
SCADA WinCC Server, WebNav, Dbase SQL	1	Ea

EtherNet Adapter 10/100/1000 BaseT	2	Ea
HD 500 Gb, 10000 RPM eSATA	1	Ea
RAM 2GB	2	Ea
Windows XP, SP2	2	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
RAID Controller 64 bit SCSI	1	Ea
SCADA WinCC Server, Dbase SQL	1	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
RAID Controller 64 bit SCSI	1	Ea
SCADA WinCC Server, Dbase SQL	1	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
RAID Controller 64 bit SCSI	1	Ea
SCADA WinCC Server, Dbase SQL	1	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
RAID Controller 64 bit SCSI	1	Ea
SCADA WinCC Server, Dbase SQL	1	Ea

Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

<u>Subsystem:</u> Graphics					
RAID Controller 64 bit SCSIII	1	Ea	NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea
SCADA WinCC Server, Dbase SQL	1	Ea	RAM 2GB	2	Ea
<u>Mod 3W</u>			Windows 2000 Adv Server, SP4		
CD-R drive	2	Ea	Dual EtherNet Adapter 10/100/1000 BaseT	1	Ea
Dual Power supplies	4	Ea	HD Raid 1, 18 Gb, 7200 RPM Scsii	4	Ea
NEC 5800 Fault-tolerant, Intel Xenon 2.4 GHz	1	Ea	RAID Controller 64 bit SCSIII	1	Ea
RAM 2GB	2	Ea	SCADA WinCC Server, Dbase SQL	1	Ea
Windows 2000 Adv Server, SP4	1	Ea			
<u>Subsystem:</u> Hardware					
UUI Server	1	Ea	VPN Server	1	Ea
WebNav Server	1	Ea	Work Station Computer	2	Ea
<u>FIS</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
BSM Carrier Interface workstation	4	Ea	BSM Gateway Server	4	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Mod 1E</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Mod 1W</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Mod 2E</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Mod 2W</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Mod 3E</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Sort Controller Server	2	Ea			
<u>Mod 3W</u>					
APC smart UPS 2200XL	2	Ea	APC UPS battery pack	2	Ea
Graphics System Server	1	Ea	Sort Controller Server	2	Ea
<u>Subsystem:</u> Network					
3Com 3800 Series 24 port	2	Ea	3Com XRN 5800 series 48 port	2	Ea
<u>FIS</u>					
3Com 3800 Series 24 port	2	Ea	Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	2	Ea
<u>Mod 1E</u>					
3Com 3800 Series 24 port	2	Ea	Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	3	Ea
<u>Mod 1W</u>					
3Com 3800 Series 24 port	2	Ea	Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	3	Ea
<u>Mod 2E</u>					
3Com 3800 Series 24 port	2	Ea	Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	3	Ea
<u>Mod 2W</u>					
3Com 3800 Series 24 port	2	Ea			

Appendix C BHS Equipment Inventory

DEN Inventory

Contract #201736982

<u>Subsystem:</u> Network					
				Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	4 Ea
<u>Mod 3E</u>					
3Com 3800 Series 24 port	2	Ea		Rocket port 4Si	2 Ea
<u>Mod 3W</u>					
3Com 3800 Series 24 port	2	Ea		Versitron M7274S 10/100 BaseTX to BaseFX fiber converter	4 Ea
<u>Subsystem:</u> Sort Controller					
<u>FIS</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	2 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea
HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6i	2	Ea		RAM 2GB ECC	2 Ea
SCO Unix 6.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 1E</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	2 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea
HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6i	1	Ea		RAM 2GB ECC	2 Ea
SCO Unix 6.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 1W</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	2 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea
HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6i	2	Ea		RAM 2GB ECC	2 Ea
SCO Unix 6.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 2E</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	4 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea
HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6i	2	Ea		RAM 2GB ECC	2 Ea
SCO Unix 6.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 2W</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	4 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea
HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6i	2	Ea		RAM 2GB ECC	2 Ea
SCO Unix 6.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 3E</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual Power supplies	4	Ea		EtherNet Adapter 10/100/1000 BaseT	2 Ea
Floppy 1.44 MB	2	Ea		HD Raid 1 + Spare, 18 Gb, 15k RPM Scsii	2 Ea
HP ML370/G3 Dual IBM Intel Xenon, 2.8 GHz	2	Ea		HP Storageworks Dat 40	2 Ea
Raid Controller Smart Array 6402	2	Ea		RAM 1GB ECC	2 Ea
SCO Unix 5.0	2	Ea		Siemens Proprietary Sort Controller	2 Ea
<u>Mod 3W</u>					
CD-R drive	2	Ea		Dbase Ctree Server	2 Ea
Dual EtherNet Adapter 10/100/1000 BaseT	2	Ea		Dual Power supplies	4 Ea
Floppy 1.44 MB	2	Ea		HD Raid 5, 300 Gb, 10k RPM Scsii	2 Ea

<u>Subsystem:</u> Sort Controller		
HP StoraGeworks Dat 40	2	Ea
RAM 2GB ECC	2	Ea
Siemens Proprietary Sort Controller	2	Ea

HP DL380/G4 Dual Intel Xenon 3.4 GHz	2	Ea
Raid Controller Smart Array 6i	2	Ea
SCO Unix 6.0	2	Ea

Module: CtlRm_ConB

Type: Computer Systems

<u>Subsystem:</u> User WorkStation		
SCADA WinCC Client	1	Ea
Work Station Computer	1	Ea

User Interface (Putty)	1	Ea
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END OF REPORT

Mod 1 East

Line Item	Equipment No.	Equipment Type	Details
1	DEN-MCP-07-1E	MCP	
2	DEN-MCP-08-1E	MCP	
3	DEN-MCP-09-1E	MCP	
4	DEN-MCP-10E1-1E	MCP	
5	DEN-MCP-11E1-1E	MCP	
6	DEN-MCP-12E1-1E	MCP	
7	DEN-MCP-13E1-1E	MCP	
8	DEN-MCP-14E1-1E	MCP	
9	DEN-MCP-15E1-1E	MCP	
10	DEN-MCP-16E1-1E	MCP	
11	DEN-MCP-17E1-1E	MCP	
12	DEN-MCP-18C6-1E	MCP	
13	DEN-MCP-18C7-1E	MCP	
14	DEN-MCP-18C8-1E	MCP	
15	DEN-MCP-18C10-1E	MCP	
16	DEN-MCP-18E1-1E	MCP	
17	DEN-MCP-19E1-1E	MCP	
18	DEN-MCP-20E1-1E	MCP	
19	DEN-MCP-1E1-1E	MCP	
20	DEN-MCP-2E1-1E	MCP	
21	DEN-MCP-3E1-1E	MCP	
22	DEN-MCP-4E1-1E	MCP	
23	DEN-MCP-5E1-1E	MCP	
24	DEN-MCP-6E1-1E	MCP	
25	DEN-MCP-7E1-1E	MCP	
26	DEN-MCP-8E1-1E	MCP	
27	DEN-MCP-9E1-1E	MCP	
28	DEN-MCP-CC-11-1E	MCP	
29	DEN-MCP-CC-12-1E	MCP	
30	DEN-MCP-CC-13-1E	MCP	
31	DEN-MCP-CC-14-1E	MCP	
32	DEN-MCP-CC-51-1E	MCP	
33	DEN-MCP-CC-52-1E	MCP	
34	DEN-MCP-CC-53-1E	MCP	
35	DEN-MCP-LCP-1E	MCP	
36	DEN-MCP-TO7-LCC-1E	MCP	
37	DEN-MCP-TO7-PFLOW-1E	MCP	
38	DEN-MCP-TO8-LCC-1E	MCP	
39	DEN-MCP-TO8-PFLOW-1E	MCP	
40	DEN-MCP-TO9-NLCC-1E	MCP	
41	DEN-MCP-TO9-NPFLOW-1E	MCP	
42	DEN-MCP-TO9-SLCC-1E	MCP	
43	DEN-MCP-TO9-SPFLOW-1E	MCP	
44	DEN-1EC10-01-1E	TRANSPRT	
45	DEN-1EC10-02-1E	PORTEC	90

DEN BHS Equipment Asset List

46	DEN-1EC10-02DR-1E	DOOR	
47	DEN-1EC10-03-1E	PORTEC	180 Helix
48	DEN-1EC10-04-1E	PORTEC	180 Helix
49	DEN-1EC10-05-1E	PORTEC	180 Helix
50	DEN-1EC10-06-1E	PORTEC	180 Helix
51	DEN-1EC10-07-1E	PORTEC	180 Helix
52	DEN-1EC10-08-1E	PORTEC	180 Helix
53	DEN-1EC10-09-1E	TRANSPRT	
54	DEN-1EC10-10-1E	TRANSPRT	
55	DEN-1EC10-11-1E	TRANSNRM	45
56	DEN-1EC10-12-1E	TRANSPRT	
57	DEN-1EC10-13-1E	QUEUE	
58	DEN-1EC10-14-1E	QUEUE	
59	DEN-1EC10-15-1E	45 MERGE	
60	DEN-1EC11-01-1E	TRANSPRT	
61	DEN-1EC11-02-1E	TRANSNRM	90
62	DEN-1EC11-02DR-1E	DOOR	
63	DEN-1EC11-03-1E	PORTEC	180 Helix
64	DEN-1EC11-04-1E	PORTEC	180 Helix
65	DEN-1EC11-05-1E	PORTEC	180 Helix
66	DEN-1EC11-06-1E	PORTEC	180 Helix
67	DEN-1EC11-07-1E	PORTEC	180 Helix
68	DEN-1EC11-08-1E	PORTEC	180 Helix
69	DEN-1EC11-09-1E	TRANSPRT	
70	DEN-1EC11-10-1E	TRANSPRT	
71	DEN-1EC11-11-1E	TRANSNRM	90
72	DEN-1EC11-12-1E	TRANSPRT	
73	DEN-1EC11-13-1E	TRANSPRT	
74	DEN-1EC11-14-1E	TRANSNRM	90
75	DEN-1EC11-15-1E	TRANSPRT	
76	DEN-1EC11-16-1E	TRANSPRT	
77	DEN-1EC11-17-1E	TRANSNRM	90
78	DEN-1EC11-18-1E	TRANSPRT	
79	DEN-1EC11-19-1E	TRANSNRM	45
80	DEN-1EC11-20-1E	TRANSNRM	45
81	DEN-1EC11-21-1E	QUEUE	
82	DEN-1ELSS3-02-1E	TRANSNRM	45
83	DEN-1ELSS3-03-1E	TRANSPRT	
84	DEN-1ELSS3-04-1E	QUEUE	
85	DEN-1ELSS3-05-1E	QUEUE	
86	DEN-1ELSS3-06-1E	QUEUE	
87	DEN-1ELSS3-07-1E	QUEUE	
88	DEN-1ELSS3-08-1E	QUEUE	
89	DEN-1ELSS3-09-1E	QUEUE	
90	DEN-1ELSS3-10-1E	TRANSPRT	
91	DEN-1ELSS3-11-1E	QUEUE	
92	DEN-1ELSS3-12-1E	QUEUE	

DEN BHS Equipment Asset List

93	DEN-1ELSS3-13-1E	QUEUE	
94	DEN-1ELSS3-14-1E	45 MERGE	
95	DEN-1ELSS3-HSD-1E	HSD	
96	DEN-1ELSS4-01-1E	45 MERGE	
97	DEN-1ELSS4-02-1E	TRANSNRM	45
98	DEN-1ELSS4-03-1E	TRANSPRT	
99	DEN-1ELSS4-04-1E	QUEUE	
100	DEN-1ELSS4-05-1E	QUEUE	
101	DEN-1ELSS4-06-1E	TRANSNRM	45
102	DEN-1ELSS4-07-1E	TRANSNRM	45
103	DEN-1ELSS4-08-1E	QUEUE	
104	DEN-1ELSS4-09-1E	QUEUE	
105	DEN-1ELSS4-10-1E	QUEUE	
106	DEN-1ELSS4-11-1E	TRANSPRT	
107	DEN-1ELSS4-12-1E	QUEUE	
108	DEN-1ELSS4-13-1E	QUEUE	
109	DEN-1ELSS4-14-1E	QUEUE	
110	DEN-1ELSS4-15-1E	45 MERGE	
111	DEN-1ELSS4-HSD-1E	HSD	
112	DEN-1ELSS5-01-1E	45 MERGE	
113	DEN-1ELSS5-02-1E	TRANSNRM	45
114	DEN-1ELSS5-03-1E	QUEUE	
115	DEN-1ELSS5-04-1E	QUEUE	
116	DEN-1ELSS5-05-1E	QUEUE	
117	DEN-1ELSS5-06-1E	QUEUE	
118	DEN-1ELSS5-07-1E	QUEUE	
119	DEN-1ELSS5-08-1E	QUEUE	
120	DEN-1ELSS5-09-1E	TRANSNRM	45
121	DEN-1ELSS5-10-1E	TRANSNRM	45
122	DEN-1ELSS5-11-1E	TRANSPRT	
123	DEN-1ELSS5-12-1E	QUEUE	
124	DEN-1ELSS5-13-1E	QUEUE	
125	DEN-1ELSS5-14-1E	QUEUE	
126	DEN-1ELSS5-15-1E	45 MERGE	
127	DEN-1ELSS5-HSD-1E	HSD	
128	DEN-1EML1-01-1E	TRANSPRT	
129	DEN-1EML1-02-1E	TRANSPRT	
130	DEN-1EML1-03-1E	TRANSNRM	90
131	DEN-1EML1-04-1E	TRANSPRT	
132	DEN-1EML1-05-1E	TRANSPRT	
133	DEN-1EML1-06-1E	TRANSPRT	
134	DEN-1EML1-07-1E	TRANSPRT	
135	DEN-1EML1-08-1E	TRANSPRT	
136	DEN-1EML1-09-1E	TRANSNRM	90
137	DEN-1EML1-10-1E	TRANSPRT	
138	DEN-1EML1-11-1E	TRANSPRT	
139	DEN-1EML1-12-1E	TRANSNRM	90

DEN BHS Equipment Asset List

140	DEN-1EML1-13-1E	TRANSNRM	90
141	DEN-1EML1-14-1E	TRANSPRT	
142	DEN-1EML1-15-1E	TRANSPRT	
143	DEN-1EML1-16-1E	PORTEC	90
144	DEN-1EML1-17-1E	TRANSPRT	
145	DEN-1EML1-18-1E	TRANSPRT	
146	DEN-1EML1-19-1E	TRANSNRM	90
147	DEN-1EML1-20-1E	TRANSPRT	
148	DEN-1EML1-21-1E	TRANSPRT	
149	DEN-1EML1-HSD-1E	HSD	
150	DEN-1ERC-01-1E	TRANSPRT	
151	DEN-1ERC-02-1E	TRANSPRT	
152	DEN-1ERC-03-1E	TRANSNRM	90
153	DEN-1ERC-04-1E	TRANSNRM	90
154	DEN-1ERC-05-1E	TRANSPRT	
155	DEN-1ERC-06-1E	QUEUE	
156	DEN-1ERC-07-1E	QUEUE	
157	DEN-1ERC-08-1E	TRANSNRM	45
158	DEN-1ERC-09-1E	QUEUE	
159	DEN-1ERC-10-1E	45 MERGE	
160	DEN-1ET10-01-1E	TRANSPRT	
161	DEN-1ET10-02-1E	PORTEC	90
162	DEN-1ET10-03-1E	TRANSPRT	
163	DEN-1ET10-04-1E	TRANSPRT	
164	DEN-1EUSS1-03-1E	TRANSPRT	
165	DEN-1EUSS1-04-1E	TRANSNRM	45
166	DEN-1EUSS1-05-1E	TRANSPRT	
167	DEN-1EUSS1-06-1E	TRANSNRM	45
168	DEN-1EUSS1-07-1E	TRANSPRT	
169	DEN-1EUSS1-08-1E	TRANSNRM	90
170	DEN-1EUSS1-09-1E	TRANSPRT	
171	DEN-1EUSS1-10-1E	TRANSPRT	
172	DEN-1EUSS1-11-1E	TRANSNRM	90
173	DEN-1EUSS1-12-1E	TRANSPRT	
174	DEN-1EUSS1-13-1E	QUEUE	
175	DEN-1EUSS1-14-1E	TRANSNRM	45
176	DEN-1EUSS1-15-1E	TRANSPRT	
177	DEN-1EUSS1-16-1E	TRANSNRM	90
178	DEN-1EUSS1-17-1E	TRANSPRT	
179	DEN-1EUSS2-01-1E	QUEUE	
180	DEN-1EUSS2-02-1E	TRANSPRT	
181	DEN-1EUSS2-03-1E	QUEUE	
182	DEN-1EUSS2-04-1E	QUEUE	
183	DEN-1EUSS2-05-1E	QUEUE	
184	DEN-1EUSS2-06-1E	QUEUE	
185	DEN-1EUSS2-07-1E	QUEUE	
186	DEN-1EUSS2-08-1E	QUEUE	

DEN BHS Equipment Asset List

187	DEN-1EUSS2-08A-1E	QUEUE	
188	DEN-1EUSS2-08B-1E	QUEUE	
189	DEN-1EUSS2-08C-1E	QUEUE	
190	DEN-1EUSS2-08D-1E	TRANSPRT	
191	DEN-1EUSS2-09-1E	TRANSPRT	
192	DEN-1EUSS2-10-1E	QUEUE	
193	DEN-1EUSS2-11-1E	QUEUE	
194	DEN-1EUSS2-12-1E	QUEUE	
195	DEN-1EUSS2-13-1E	QUEUE	
196	DEN-1EUSS2-14-1E	45 MERGE	
197	DEN-1EUSS2-HSD-1E	HSD	
198	DEN-1EUSS3-01-1E	QUEUE	
199	DEN-1EUSS3-02-1E	TRANSPRT	
200	DEN-1EUSS3-03-1E	QUEUE	
201	DEN-1EUSS3-04-1E	QUEUE	
202	DEN-1EUSS3-05-1E	QUEUE	
203	DEN-1EUSS3-06-1E	QUEUE	
204	DEN-1EUSS3-07-1E	QUEUE	
205	DEN-1EUSS3-08-1E	QUEUE	
206	DEN-1EUSS3-09-1E	TRANSPRT	
207	DEN-1EUSS3-10-1E	QUEUE	
208	DEN-1EUSS3-11-1E	QUEUE	
209	DEN-1EUSS3-12-1E	TRANSPRT	
210	DEN-1EUSS3-13-1E	QUEUE	
211	DEN-1EUSS3-14-1E	QUEUE	
212	DEN-1EUSS3-15-1E	QUEUE	
213	DEN-1EUSS3-16-1E	45 MERGE	
214	DEN-1EUSS3-HSD-1E	HSD	
215	DEN-1EUSS4-01-1E	QUEUE	
216	DEN-1EUSS4-02-1E	TRANSPRT	
217	DEN-1EUSS4-03-1E	QUEUE	
218	DEN-1EUSS4-04-1E	QUEUE	
219	DEN-1EUSS4-05-1E	QUEUE	
220	DEN-1EUSS4-06-1E	QUEUE	
221	DEN-1EUSS4-07-1E	QUEUE	
222	DEN-1EUSS4-08-1E	QUEUE	
223	DEN-1EUSS4-09-1E	TRANSPRT	
224	DEN-1EUSS4-10-1E	TRANSPRT	
225	DEN-1EUSS4-11-1E	TRANSNRM	45
226	DEN-1EUSS4-12-1E	TRANSNRM	45
227	DEN-1EUSS4-13-1E	QUEUE	
228	DEN-1EUSS4-14-1E	QUEUE	
229	DEN-1EUSS4-15-1E	TRANSPRT	
230	DEN-1EUSS4-16-1E	QUEUE	
231	DEN-1EUSS4-17-1E	TRANSPRT	
232	DEN-1EUSS4-18-1E	QUEUE	
233	DEN-1EUSS4-19	45 MERGE	

DEN BHS Equipment Asset List

234	DEN-1EUSS4-HSD-1E	HSD	
235	DEN-1EUSS5-01-1E	QUEUE	
236	DEN-1EUSS5-02-1E	QUEUE	
237	DEN-1EUSS5-03-1E	QUEUE	
238	DEN-1EUSS5-04-1E	QUEUE	
239	DEN-1EUSS5-05-1E	QUEUE	
240	DEN-1EUSS5-06-1E	QUEUE	
241	DEN-1EUSS5-07-1E	QUEUE	
242	DEN-1EUSS5-07A-1E	TRANSPRT	
243	DEN-1EUSS5-07B-1E	QUEUE	
244	DEN-1EUSS5-07C-1E	QUEUE	
245	DEN-1EUSS5-08-1E	TRANSNRM	45
246	DEN-MU1EN-21B-1E	PORTEC	45
247	DEN-MU1EN-22-1E	SLOPEPLT	
248	DEN-MU1EN-23-1E	TRANSPRT	
249	DEN-MU1EN-24-HSD-1E	HSD	
250	DEN-MU1EN-25-1E	PORTEC	90
251	DEN-MU1EN-26-1E	TRANSPRT	
252	DEN-MU1EN-27-1E	TRANSPRT	
253	DEN-MU1EN-28-1E	TRANSPRT	
254	DEN-MU1EN-29-1E	PORTEC	90
255	DEN-MU1EN-30-1E	TRANSPRT	
256	DEN-MU1EN-31-1E	SLOPEPLT	
257	DEN-MU1ES-07-1E	TRANSPRT	
258	DEN-MU1ES-08-1E	TRANSPRT	
259	DEN-MU1ES-09-1E	TRANSNRM	45
260	DEN-MU1ES-10-1E	QUEUE	
261	DEN-MU1ES-11-1E	TRANSNRM	45
262	DEN-MU1ES-12-1E	QUEUE	
263	DEN-MU1ES-13-1E	QUEUE	
264	DEN-MU1ES-14-1E	QUEUE	
265	DEN-MU1ES-15-1E	QUEUE	
266	DEN-MU1ES-16-1E	TRANSPRT	
267	DEN-MU1ES-17-1E	PORTEC	90
268	DEN-MU1ES-18-1E	TRANSPRT	
269	DEN-MU1ES-19-1E	TRANSPRT	
270	DEN-MU1ES-20-1E	PORTEC	90
271	DEN-MU1ES-21-1E	TRANSPRT	
272	DEN-MU1ES-22-1E	SLOPEPLT	
273	DEN-MU1ES-23-1E	TRANSPRT	
274	DEN-MU1ES-24-HSD-1E	HSD	
275	DEN-MU1ES-25-1E	PORTEC	90
276	DEN-MU1ES-26-1E	TRANSPRT	
277	DEN-MU1ES-27-1E	PORTEC	90 Helix
278	DEN-MU1ES-28-1E	SLOPEPLT	
279	DEN-MU1ES-HSD-1E	HSD	
280	DEN-OS1EN-01-1E	TRANSPRT	

DEN BHS Equipment Asset List

281	DEN-OS1EN-02-1E	TRANSPRT	
282	DEN-OS1EN-04-1E	TRANSPRT	
283	DEN-OS1EN-06-1E	TRANSPRT	
284	DEN-OS1EN-08-1E	TRANSPRT	
285	DEN-OS1EN-09-1E	TRANSPRT	
286	DEN-OS1EN-10-1E	TRANSPRT	
287	DEN-OS1EN-11-1E	TRANSPRT	
288	DEN-OS1EN-12-1E	TRANSPRT	
289	DEN-OS1EN-13-1E	TRANSPRT	
290	DEN-OS1EN-15-1E	TRANSPRT	
291	DEN-OS1EN-16-1E	TRANSPRT	
292	DEN-OS1EN-17-1E	TRANSPRT	
293	DEN-OS1EN-1E	TRANSPRT	
294	DEN-OS1EN-20-1E	TRANSPRT	
295	DEN-OS1EN-21-1E	TRANSPRT	
296	DEN-OS1ES-01-1E	TRANSPRT	
297	DEN-OS1ES-02-1E	TRANSPRT	
298	DEN-OS1ES-04-1E	TRANSPRT	
299	DEN-OS1ES-06-1E	TRANSPRT	
300	DEN-OS1ES-08-1E	TRANSPRT	
301	DEN-OS1ES-09-1E	TRANSPRT	
302	DEN-OS1ES-10-1E	TRANSPRT	
303	DEN-OS1ES-11-1E	TRANSPRT	
304	DEN-OS1ES-12-1E	TRANSPRT	
305	DEN-OS1ES-13-1E	TRANSPRT	
306	DEN-OS1ES-15-1E	TRANSPRT	
307	DEN-OS1ES-17-1E	TRANSPRT	
308	DEN-OS1ES-1E	TRANSPRT	
309	DEN-OS1ES-20-1E	TRANSPRT	
310	DEN-OS1ES-21-1E	TRANSPRT	
311	DEN-1EC11-22-1E	45 MERGE	
312	DEN-1EC12-01-1E	TRANSPRT	
313	DEN-1EC12-01DR-1E	DOOR	
314	DEN-1EC12-02-1E	TRANSPRT	
315	DEN-1EC12-03-1E	TRANSNRM	45
316	DEN-1EC12-04-1E	QUEUE	
317	DEN-1EC12-05-1E	45 MERGE	
318	DEN-1EC9-01-1E	TRANSPRT	
319	DEN-1EC9-01DR-1E	DOOR	
320	DEN-1EC9-02-1E	TRANSPRT	
321	DEN-1EC9-03-1E	TRANSPRT	
322	DEN-1EC9-04-1E	TRANSPRT	
323	DEN-1EC9-05-1E	TRANSPRT	45
324	DEN-1EC9-06-1E	TRANSNRM	
325	DEN-1EC9-07-1E	TRANSPRT	
326	DEN-1EC9-08-1E	QUEUE	
327	DEN-1EC9-09-1E	QUEUE	

DEN BHS Equipment Asset List

328	DEN-1EC9-10-1E	45 MERGE	
329	DEN-1ELSS1-01-1E	45 MERGE	
330	DEN-1ELSS1-02-1E	TRANSPRT	
331	DEN-1ELSS1-03-1E	TRANSNRM	45
332	DEN-1ELSS1-04-1E	TRANSPRT	
333	DEN-1ELSS1-05-1E	QUEUE	
334	DEN-1ELSS1-06-1E	QUEUE	
335	DEN-1ELSS1-07-1E	TRANSPRT	
336	DEN-1ELSS1-08-1E	QUEUE	
337	DEN-1ELSS1-09-1E	QUEUE	
338	DEN-1ELSS1-10-1E	QUEUE	
339	DEN-1ELSS1-11-1E	QUEUE	
340	DEN-1ELSS1-12-1E	QUEUE	
341	DEN-1ELSS1-13-1E	QUEUE	
342	DEN-1ELSS1-14-1E	QUEUE	
343	DEN-1ELSS1-15-1E	QUEUE	
344	DEN-1ELSS1-16-1E	QUEUE	
345	DEN-1ELSS1-17-1E	TRANSNRM	90
346	DEN-1ELSS1-18-1E	QUEUE	
347	DEN-1ELSS1-19-1E	TRANSPRT	
348	DEN-1ELSS1-20-1E	TRANSNRM	45
349	DEN-1ELSS1-21-1E	QUEUE	
350	DEN-1ELSS1-22-1E	TRANSNRM	45
351	DEN-1ELSS1-23-1E	TRANSPRT	
352	DEN-1ELSS1-24-1E	TRANSPRT	
353	DEN-1ELSS1-25-1E	TRANSNRM	45
354	DEN-1ELSS1-26-1E	TRANSPRT	
355	DEN-1ELSS1-27-1E	QUEUE	
356	DEN-1ELSS1-28-1E	TRANSNRM	45
357	DEN-1ELSS1-29-1E	TRANSPRT	
358	DEN-1ELSS1-30-1E	TRANSPRT	
359	DEN-1ELSS1-31-1E	TRANSNRM	30
360	DEN-1ELSS1-32-1E	TRANSNRM	90 Helix
361	DEN-1ELSS1-33-1E	TRANSNRM	90 Helix
362	DEN-1ELSS1-34-1E	TRANSPRT	
363	DEN-1ELSS1-35-1E	TRANSPRT	
364	DEN-1ELSS1-36-1E	TRANSPRT	
365	DEN-1ELSS1-37-1E	TRANSNRM	90 Helix
366	DEN-1ELSS1-38-1E	QUEUE	
367	DEN-1ELSS1-39-1E	TRANSNRM	90 Helix
368	DEN-1ELSS1-40-1E	TRANSPRT	
369	DEN-1ELSS1-41-1E	TRANSPRT	
370	DEN-1ELSS1-42-1E	PORTEC	90
371	DEN-1ELSS1-43-1E	TRANSPRT	
372	DEN-1ELSS1-44-1E	TRANSPRT	
373	DEN-1ELSS1-HSD-1E	HSD	
374	DEN-1ELSS2-01-1E	45 MERGE	

DEN BHS Equipment Asset List

375	DEN-1ELSS2-02-1E	TRANSNRM	45
376	DEN-1ELSS2-03-1E	TRANSPRT	
377	DEN-1ELSS2-04-1E	QUEUE	
378	DEN-1ELSS2-05-1E	QUEUE	
379	DEN-1ELSS2-06-1E	QUEUE	
380	DEN-1ELSS2-07-1E	QUEUE	
381	DEN-1ELSS2-08-1E	QUEUE	
382	DEN-1ELSS2-09-1E	QUEUE	
383	DEN-1ELSS2-10-1E	TRANSPRT	
384	DEN-1ELSS2-11-1E	QUEUE	
385	DEN-1ELSS2-12-1E	QUEUE	
386	DEN-1ELSS2-13-1E	QUEUE	
387	DEN-1ELSS2-14-1E	QUEUE	
388	DEN-1ELSS2-15-1E	45 MERGE	
389	DEN-1ELSS2-HSD-1E	HSD	
390	DEN-1ELSS3-01-1E	45 MERGE	
391	DEN-1ET10-04DR-1E	DOOR	
392	DEN-1ET10-05-1E	PORTEC	45
393	DEN-1ET10-06-1E	TRANSPRT	
394	DEN-1ET10-07-1E	45 MERGE	
395	DEN-1ET11-02-1E	PORTEC	90
396	DEN-1ET11-03-1E	TRANSPRT	
397	DEN-1ET11-03DR-1E	DOOR	
398	DEN-1ET11-04-1E	TRANSPRT	
399	DEN-1ET11-05-1E	PORTEC	45
400	DEN-1ET11-06-1E	TRANSPRT	
401	DEN-1ET11-07-1E	45 MERGE	
402	DEN-1ET12-01-1E	TRANSPRT	
403	DEN-1ET12-02-1E	TRANSPRT	
404	DEN-1ET12-03-1E	PORTEC	90
405	DEN-1ET12-04-1E	TRANSPRT	
406	DEN-1ET12-04DR-1E	DOOR	
407	DEN-1ET12-05-1E	TRANSPRT	
408	DEN-1ET12-06-1E	PORTEC	90
409	DEN-1ET12-07-1E	TRANSPRT	
410	DEN-1ET12-08-1E	TRANSPRT	
411	DEN-1ET12-09-1E	TRANSPRT	
412	DEN-1ET12-10-1E	PORTEC	90
413	DEN-1ET12-11-1E	TRANSPRT	
414	DEN-1ET12-12-1E	TRANSNRM	90
415	DEN-1ET12-13-1E	TRANSPRT	
416	DEN-1ET12-14-1E	TRANSNRM	45
417	DEN-1ET12-15-1E	TRANSPRT	
418	DEN-1ET12-16-1E	QUEUE	
419	DEN-1ET12-17-1E	QUEUE	
420	DEN-1ET12-18-1E	QUEUE	
421	DEN-1ET12-19-1E	45 MERGE	

DEN BHS Equipment Asset List

422	DEN-1ET9-01-1E	TRANSPRT	
423	DEN-1ET9-02-1E	TRANSPRT	
424	DEN-1ET9-03-1E	PORTEC	90
425	DEN-1ET9-04-1E	TRANSPRT	
426	DEN-1ET9-04DR-1E	DOOR	
427	DEN-1ET9-05-1E	TRANSPRT	
428	DEN-1ET9-06-1E	PORTEC	45
429	DEN-1ET9-07-1E	TRANSPRT	90
430	DEN-1ET9-08-1E	TRANSPRT	
431	DEN-1ET9-09-1E	TRANSPRT	
432	DEN-1ET9-10-1E	PORTEC	90
433	DEN-1ET9-11-1E	TRANSPRT	
434	DEN-1ET9-12-1E	PORTEC	90
435	DEN-1ET9-13-1E	TRANSPRT	
436	DEN-1ET9-14-1E	PORTEC	90
437	DEN-1ET9-15-1E	TRANSNRM	90
438	DEN-1ET9-16-1E	TRANSPRT	
439	DEN-1ET9-17-1E	QUEUE	
440	DEN-1ET9-18-1E	QUEUE	
441	DEN-1ET9-19-1E	TRANSNRM	45
442	DEN-1ET9-20-1E	QUEUE	
443	DEN-1ET9-21-1E	45 MERGE	
444	DEN-1ETSA-01-1E	QUEUE	
445	DEN-1ETSA-02-1E	TRANSPRT	
446	DEN-1ETSA-03-1E	TRANSNRM	90
447	DEN-1ETSA-04-1E	TRANSNRM	90
448	DEN-1ETSA-05-1E	TRANSPRT	
449	DEN-1ETSA-06-1E	TRANSNRM	90
450	DEN-1ETSA-07-1E	TRANSPRT	
451	DEN-1ETSA-08-1E	TRANSPRT	
452	DEN-1ETSA-09-1E	TRANSNRM	90
453	DEN-1ETSA-10-1E	TRANSNRM	90
454	DEN-1ETSA-11-1E	TRANSNRM	90
455	DEN-1ETSA-12-1E	TRANSPRT	
456	DEN-1ETSA-13-1E	TRANSNRM	45
457	DEN-1ETSA-14-1E	QUEUE	
458	DEN-1ETSA-15-1E	QUEUE	
459	DEN-1ETSA-16-1E	QUEUE	
460	DEN-1ETSA-17-1E	TRANSNRM	45
461	DEN-1ETSA-18-1E	QUEUE	
462	DEN-1ETSA-19-1E	45 MERGE	
463	DEN-1EUC1-01-1E	TRANSPRT	
464	DEN-1EUC1-02-1E	TRANSNRM	45
465	DEN-1EUC1-03-1E	TRANSPRT	
466	DEN-1EUC1-04-1E	QUEUE	
467	DEN-1EUC1-05-1E	QUEUE	
468	DEN-1EUC1-06-1E	QUEUE	

DEN BHS Equipment Asset List

469	DEN-1EUC1-07-1E	45 MERGE	
470	DEN-1EUC1-HSD-1E	HSD	
471	DEN-1EUSS1-01-1E	TRANSPRT	
472	DEN-1EUSS1-02-1E	TRANSPRT	
473	DEN-1EUSS5-09-1E	TRANSNRM	45
474	DEN-1EUSS5-10-1E	TRANSPRT	
475	DEN-1EUSS5-11-1E	QUEUE	
476	DEN-1EUSS5-12-1E	QUEUE	
477	DEN-1EUSS5-13-1E	QUEUE	
478	DEN-1EUSS5-14-1E	QUEUE	
479	DEN-1EUSS5-15-1E	45 MERGE	
480	DEN-1EUSS5-HSD-1E	HSD	
481	DEN-1EUTL1-01-1E	TRANSPRT	
482	DEN-1EUTL1-02-1E	TRANSNRM	45
483	DEN-1EUTL1-03-1E	TRANSPRT	
484	DEN-1EUTL1-04-1E	TRANSNRM	45
485	DEN-1EUTL1-05-1E	TRANSPRT	
486	DEN-1EUTL1-06-1E	QUEUE	
487	DEN-1EUTL1-07-1E	QUEUE	
488	DEN-1EUTL1-08-1E	TRANSNRM	45
489	DEN-1EUTL1-09-1E	QUEUE	
490	DEN-1EUTL1-10-1E	45 MERGE	
491	DEN-1EUTL1-HSD-1E	HSD	
492	DEN-8EIB1A-04-1E	TRANSPRT	
493	DEN-8EIB1A-05-1E	TRANSNRM	90
494	DEN-8EIB1A-06-1E	TRANSNRM	90
495	DEN-8EIB1A-07-1E	TRANSPRT	
496	DEN-8EIB1A-08-1E	TRANSPRT	
497	DEN-8EIB1A-09-1E	TRANSNRM	90
498	DEN-8EIB1A-10-1E	TRANSNRM	90
499	DEN-8EIB1A-11-1E	TRANSPRT	
500	DEN-8EIB1A-11DR-1E	DOOR	
501	DEN-8EIB1A-12-1E	TRANSNRM	90 Helix
502	DEN-8EIB2A-04-1E	TRANSPRT	
503	DEN-8EIB2A-05-1E	TRANSNRM	90
504	DEN-8EIB2A-06-1E	TRANSNRM	90
505	DEN-8EIB2A-07-1E	TRANSPRT	
506	DEN-8EIB2A-08-1E	TRANSPRT	
507	DEN-8EIB2A-09-1E	TRANSNRM	90
508	DEN-8EIB2A-10-1E	TRANSNRM	90
509	DEN-8EIB2A-11-1E	TRANSPRT	
510	DEN-8EIB2A-11A-1E	TRANSPRT	
511	DEN-8EIB2A-11DR-1E	DOOR	
512	DEN-8EIB2A-12-1E	TRANSNRM	90 Helix
513	DEN-8EIB3A-04-1E	TRANSPRT	
514	DEN-8EIB3A-05-1E	TRANSNRM	90
515	DEN-8EIB3A-06-1E	TRANSNRM	90

DEN BHS Equipment Asset List

516	DEN-8EIB3A-07-1E	TRANSPRT	
517	DEN-8EIB3A-08-1E	TRANSPRT	
518	DEN-8EIB3A-09-1E	TRANSNRM	90
519	DEN-8EIB3A-10-1E	TRANSPRT	
520	DEN-8EIB3A-11-1E	TRANSNRM	90
521	DEN-8EIB3A-12-1E	TRANSPRT	
522	DEN-8EIB3A-13-1E	TRANSPRT	
523	DEN-8EIB3A-13DR-1E	DOOR	
524	DEN-8EIB3A-14-1E	TRANSNRM	90 Helix
525	DEN-8EIB3A-15-1E	TRANSPRT	
526	DEN-CLAIM-1-1E	SLOPEPLT	
527	DEN-CLAIM-2-1E	SLOPEPLT	
528	DEN-CLAIM-3-1E	SLOPEPLT	
529	DEN-IB1E1-01-1E	TRANSPRT	
530	DEN-IB1E1-02-1E	TRANSPRT	
531	DEN-IB1E1-03-1E	TRANSPRT	
532	DEN-IB1E1-04-1E	PORTEC	90 Helix
533	DEN-IB1E1-05-1E	TRANSPRT	
534	DEN-IB1E1-06-1E	PORTEC	90 Helix
535	DEN-IB1E2-01-1E	TRANSPRT	
536	DEN-IB1E2-02-1E	TRANSPRT	
537	DEN-IB1E3-01-1E	TRANSPRT	
538	DEN-IB1E3-02-1E	TRANSPRT	
539	DEN-IB1E3-03-1E	TRANSPRT	
540	DEN-IB1E3-04-1E	TRANSPRT	
541	DEN-MU02-SITE	SLOPEPLT	
542	DEN-MU1EN-14-1E	TRANSPRT	
543	DEN-MU1EN-15-1E	TRANSPRT	
544	DEN-MU1EN-16-1E	TRANSPRT	
545	DEN-MU1EN-16A-1E	QUEUE	
546	DEN-MU1EN-16B-1E	QUEUE	
547	DEN-MU1EN-16C-1E	QUEUE	
548	DEN-MU1EN-16D-1E	QUEUE	
549	DEN-MU1EN-17-1E	TRANSPRT	
550	DEN-MU1EN-18-1E	PORTEC	90
551	DEN-MU1EN-19-1E	TRANSPRT	
552	DEN-MU1EN-20-1E	TRANSPRT	
553	DEN-MU1EN-21-1E	PORTEC	45
554	DEN-MU1EN-21A-1E	TRANSPRT	
555	DEN-SL1EN-03-1E	OS SCISSOR LIFT	
556	DEN-SL1EN-05-1E	OS SCISSOR LIFT	
557	DEN-SL1EN-07-1E	OS SCISSOR LIFT	
558	DEN-SL1EN-14-1E	OS SCISSOR LIFT	
559	DEN-SL1EN-16-1E	OS SCISSOR LIFT	
560	DEN-SL1ES-03-1E	OS SCISSOR LIFT	
561	DEN-SL1ES-05-1E	OS SCISSOR LIFT	
562	DEN-SL1ES-07-1E	OS SCISSOR LIFT	

DEN BHS Equipment Asset List

563	DEN-SL1ES-14-1E	OS SCISSOR LIFT	
564	DEN-SL1ES-16-1E	OS SCISSOR LIFT	
565	DEN-TO7-1E	LIFTS	
566	DEN-TO7-C-1E	CARRAIGE	
567	DEN-TO7-07-1E	TRANSPRT	
568	DEN-TO7-07DR-1E	DOOR	
569	DEN-TO7-08-1E	TRANSPRT	
570	DEN-TO7-08DR-1E	DOOR	
571	DEN-TO8-1E	LIFTS	
572	DEN-TO8-C-1E	CARRIAGE	
573	DEN-TO8-07-1E	TRANSPRT	
574	DEN-TO8-L5DR-1E	DOOR	
575	DEN-TO8-08-1E	TRANSPRT	
576	DEN-TO8-L6DR-1E	DOOR	
577	DEN-TO9-N-LIFT-1E	LIFTS	
578	DEN-TO9-S-LIFT-1E	LIFTS	
579	DEN-TO9-N-DR-1E	DOOR	
580	DEN-TO9-S-DR-1E	DOOR	
581	DEN-TO9-01-1E	TRANSPRT	
582	DEN-TO9-02-1E	TRANSPRT	
583	DEN-TO9-03-1E	TRANSPRT	
584	DEN-TO9-04-1E	TRANSPRT	
585	DEN-TO9-05-1E	TRANSPRT	
586	DEN-TO9-06-1E	TRANSPRT	
587	DEN-TO9-07-1E	TRANSPRT	
588	DEN-TO9-08-1E	TRANSPRT	
589	DEN-TO9-09-1E	TRANSPRT	
590	DEN-TO9-10-1E	TRANSPRT	
591	DEN-MU1EN-22-1E	SLOPEPLT	
592	DEN-MU1EN-31-1E	SLOPEPLT	
593	DEN-MU1ES-22-1E	SLOPEPLT	
594	DEN-MU1ES-28-1E	SLOPEPLT	
595	DEN-SK3-1E	FLTPLATE	SKI

Mod 2 East

1	DEN-MCP-04-2E	MCP	
2	DEN-MCP-05-2E	MCP	
3	DEN-MCP-06-2E	MCP	
4	DEN-MCP-10E2-2E	MCP	
5	DEN-MCP-11E2-2E	MCP	
6	DEN-MCP-12E2-2E	MCP	
7	DEN-MCP-14E2-2E	MCP	
8	DEN-MCP-15E2-2E	MCP	
9	DEN-MCP-16E2-2E	MCP	
10	DEN-MCP-17E2-2E	MCP	
11	DEN-MCP-18E2-2E	MCP	
12	DEN-MCP-19E2-2E	MCP	
13	DEN-MCP-1E2-2E	MCP	
14	DEN-MCP-20C6-2E	MCP	
15	DEN-MCP-20C7-2E	MCP	
16	DEN-MCP-20C8-2E	MCP	
17	DEN-MCP-2E2-2E	MCP	
18	DEN-MCP-3E2-2E	MCP	
19	DEN-MCP-4E2-2E	MCP	
20	DEN-MCP-11E2-2E	MCP	
21	DEN-MCP-5E2-2E	MCP	
22	DEN-MCP-6E2-2E	MCP	
23	DEN-MCP-7E2-2E	MCP	
24	DEN-MCP-8E2-2E	MCP	
25	DEN-MCP-9E2-2E	MCP	
26	DEN-MCP-CC-21-2E	MCP	
27	DEN-MCP-CC-22-2E	MCP	
28	DEN-MCP-CC-23-2E	MCP	
29	DEN-MCP-CC-24-2E	MCP	
30	DEN-MCP-CC-61-2E	MCP	
31	DEN-MCP-CC-62-2E	MCP	
32	DEN-MCP-CC-63-2E	MCP	
33	DEN-MCP-LCP-2E	MCP	
34	DEN-MCP-TO4-LCC-2E	MCP	
35	DEN-MCP-TO4-PFLOW-2E	MCP	
36	DEN-MCP-TO5-LCC-2E	MCP	
37	DEN-MCP-TO5-PFLOW-2E	MCP	
38	DEN-MCP-TO6-NLCC-2E	MCP	
39	DEN-MCP-TO6-NPFLOW-2E	MCP	
40	DEN-MCP-TO6-SLCC-2E	MCP	
41	DEN-MCP-TO6-SPFLOW-2E	MCP	
42	DEN-MCP-20E2-2E	MCP	
43	DEN-TO4-1E	LIFTS	
44	DEN-TO4-C-1E	CARRAIGE	
45	DEN-TO4-O7-1E	TRANSPRT	

DEN BHS Equipment Asset List

46	DEN-TO4-07DR-1E	DOOR	
47	DEN-TO4-08-1E	TRANSPRT	
48	DEN-TO4-08DR-1E	DOOR	
49	DEN-TO4-05-1E	TRANSPRT	
50	DEN-TO4-04-1E	TRANSPRT	
51	DEN-TO4-03-1E	TRANSNRM	90
52	DEN-TO4-02-1E	TRANSPRT	
53	DEN-TO5-1E	LIFTS	
54	DEN-TO5-C-1E	CARRIAGE	
55	DEN-TO5-07-1E	TRANSPRT	
56	DEN-TO5-L5DR-1E	DOOR	
57	DEN-TO5-08-1E	TRANSPRT	
58	DEN-TO5-L6DR-1E	DOOR	
59	DEN-TO6-N-LIFT-1E	LIFTS	
60	DEN-TO6-S-LIFT-1E	LIFTS	
61	DEN-TO6-N-DR-1E	DOOR	
62	DEN-TO6-S-DR-1E	DOOR	
63	DEN-TO6N-01-1E	TRANSPRT	
64	DEN-TO6N-02-1E	TRANSPRT	
65	DEN-TO6N-03-1E	TRANSPRT	
66	DEN-TO6N-04-1E	TRANSPRT	
67	DEN-TO6N-05-1E	TRANSPRT	
68	DEN-TO6N-061E	TRANSPRT	
69	DEN-TO6N-07-1E	TRANSPRT	
70	DEN-TO6S-01-1E	TRANSPRT	
71	DEN-TO6S-02-1E	TRANSPRT	
72	DEN-TO6S-03-1E	TRANSPRT	
73	DEN-TO6S-04-1E	TRANSPRT	
74	DEN-TO6S--05-1E	TRANSPRT	
75	DEN-TO6S-06-1E	TRANSPRT	
76	DEN-TO6S-07-1E	TRANSPRT	
77	DEN-11EIB2A-11-2E	TRANSPRT	
78	DEN-11EIB2A-11A-2E	TRANSPRT	
79	DEN-11EIB2A-11DR-2E	DOOR	
80	DEN-11EIB3A-01-2E	TRANSPRT	
81	DEN-11EIB3A-04-2E	TRANSPRT	
82	DEN-11EIB3A-05-2E	TRANSNRM	90
83	DEN-11EIB3A-06-2E	TRANSNRM	90
84	DEN-11EIB3A-06A-2E	TRANSPRT	
85	DEN-11EIB3A-07-2E	TRANSPRT	
86	DEN-11EIB3A-08-2E	TRANSPRT	
87	DEN-11EIB3A-09-2E	TRANSNRM	90
88	DEN-11EIB3A-10-2E	TRANSPRT	
89	DEN-11EIB3A-11-2E	TRANSNRM	90
90	DEN-11EIB3A-12-2E	TRANSPRT	
91	DEN-11EIB3A-13-2E	TRANSPRT	
92	DEN-11EIB3A-13DR-2E	DOOR	

DEN BHS Equipment Asset List

93	DEN-11EIB3A-14-2E	TRANSNRM	90 Helix
94	DEN-11EIB3A-15-2E	TRANSPRT	
95	DEN-11EIB3A-2-2E	TRANSPRT	
96	DEN-11EIB3A-2E	TRANSPRT	
97	DEN-IB2E1-01	TRANSPRT	
98	DEN1B2E1-02	TRANSPRT	
99	DEN-IB2E1-03	TRANSPRT	
100	DEN1B2E1-04	PORTEC	90
101	DEN-IB2E1-05	TRANSPRT	
102	DEN1B2E1-06	PORTEC	90
103	DEN-IB2E2-01	TRANSPRT	
104	DEN1B2E2-02	TRANSPRT	
105	DEN-IB2E3-01	TRANSPRT	
106	DEN-IB2E3-02	TRANSPRT	
107	DEN-2EC5-01-2E	TRANSPRT	
108	DEN-2EC5-01DR-2E	DOOR	
109	DEN-2EC5-02-2E	TRANSPRT	
110	DEN-2EC5-03-2E	QUEUE	
111	DEN-2EC5-04-2E	TRANSPRT	
112	DEN-2ELSS1-33-2E	TRANSNRM	90 Helix
113	DEN-2ELSS1-34-2E	TRANSPRT	
114	DEN-2ELSS1-35-2E	TRANSPRT	
115	DEN-2ELSS1-36-2E	TRANSPRT	
116	DEN-2ELSS1-37-2E	TRANSNRM	90 Helix
117	DEN-2ELSS1-38-2E	QUEUE	
118	DEN-2ELSS1-39-2E	TRANSNRM	90 Helix
119	DEN-2ELSS1-40-2E	TRANSPRT	
120	DEN-2ELSS1-41-2E	TRANSPRT	
121	DEN-2ELSS1-42-2E	TRANSNRM	90
122	DEN-2ELSS1-43-2E	TRANSPRT	
123	DEN-2ELSS1-44-2E	TRANSPRT	
124	DEN-2ELSS1-HSD-2E	HSD	
125	DEN-2ELSS2-01-2E	45 MERGE	
126	DEN-2ELSS2-02-2E	TRANSNRM	45
127	DEN-2ELSS2-03-2E	TRANSPRT	
128	DEN-2ELSS2-04-2E	QUEUE	
129	DEN-2ELSS2-05-2E	QUEUE	
130	DEN-2ELSS2-06-2E	QUEUE	
131	DEN-2ELSS2-07-2E	QUEUE	
132	DEN-2ELSS2-08-2E	QUEUE	
133	DEN-2ELSS2-09-2E	QUEUE	
134	DEN-2ELSS2-10-2E	TRANSPRT	
135	DEN-2ELSS2-11-2E	QUEUE	
136	DEN-2ELSS2-12-2E	QUEUE	
137	DEN-2ELSS2-13-2E	QUEUE	
138	DEN-2ELSS2-14-2E	QUEUE	
139	DEN-2ELSS2-15-2E	45 MERGE	

DEN BHS Equipment Asset List

140	DEN-2ELSS2-HSD-2E	HSD	
141	DEN-2ELSS3-01-2E	45 MERGE	
142	DEN-2ELSS3-02-2E	TRANSNRM	45
143	DEN-2ELSS3-03-2E	TRANSPRT	
144	DEN-2ELSS3-04-2E	QUEUE	
145	DEN-2ELSS3-05-2E	QUEUE	
146	DEN-2ELSS3-06-2E	QUEUE	
147	DEN-2ELSS3-07-2E	QUEUE	
148	DEN-2ELSS3-08-2E	QUEUE	
149	DEN-2ELSS3-09-2E	QUEUE	
150	DEN-2ELSS3-10-2E	TRANSPRT	
151	DEN-2ELSS3-11-2E	QUEUE	
152	DEN-2ELSS3-12-2E	QUEUE	
153	DEN-2ELSS3-13-2E	QUEUE	
154	DEN-2ELSS3-14-2E	45 MERGE	
155	DEN-2ELSS3-HSD-2E	HSD	
156	DEN-2ELSS4-01-2E	45 MERGE	
157	DEN-2ELSS4-02-2E	TRANSNRM	45
158	DEN-2ELSS4-03-2E	TRANSPRT	
159	DEN-2ELSS4-04-2E	QUEUE	
160	DEN-2ELSS4-05-2E	QUEUE	
161	DEN-2ELSS4-06-2E	TRANSNRM	45
162	DEN-2ELSS4-07-2E	TRANSNRM	45
163	DEN-2ELSS4-08-2E	QUEUE	
164	DEN-2ELSS4-09-2E	QUEUE	
165	DEN-2ELSS4-10-2E	QUEUE	
166	DEN-2ELSS4-11-2E	TRANSPRT	
167	DEN-2ELSS4-12-2E	QUEUE	
168	DEN-2ELSS4-13-2E	QUEUE	
169	DEN-2ELSS4-14-2E	QUEUE	
170	DEN-2ELSS4-15-2E	45 MERGE	
171	DEN-2ELSS4-HSD-2E	HSD	
172	DEN-2ELSS5-01-2E	45 MERGE	
173	DEN-2ELSS5-02-2E	TRANSNRM	45
174	DEN-2ELSS5-03-2E	QUEUE	
175	DEN-2ELSS5-04-2E	QUEUE	
176	DEN-2ELSS5-05-2E	QUEUE	
177	DEN-2ELSS5-06-2E	QUEUE	
178	DEN-2ELSS5-07-2E	QUEUE	
179	DEN-2ELSS5-08-2E	QUEUE	
180	DEN-2ELSS5-09-2E	TRANSNRM	45
181	DEN-2ELSS5-10-2E	TRANSNRM	45
182	DEN-2ELSS5-11-2E	TRANSPRT	
183	DEN-2ELSS5-12-2E	QUEUE	
184	DEN-2ELSS5-13-2E	QUEUE	
185	DEN-2ELSS5-14-2E	QUEUE	
186	DEN-2ELSS5-15-2E	45 MERGE	

DEN BHS Equipment Asset List

187	DEN-2ELSS5-HSD-2E	HSD	
188	DEN-2EML1-01-2E	TRANSPRT	
189	DEN-2EML1-02-2E	TRANSPRT	
190	DEN-2EML1-03-2E	TRANSNRM	90
191	DEN-2EML1-04-2E	TRANSPRT	
192	DEN-2EML1-05-2E	TRANSPRT	
193	DEN-2EML1-06-2E	TRANSPRT	
194	DEN-2ET8-16-2E	QUEUE	
195	DEN-2ET8-17-2E	QUEUE	
196	DEN-2ET8-18-2E	QUEUE	
197	DEN-2ET8-19-2E	45 MERGE	
198	DEN-2ETSA-01-2E	QUEUE	
199	DEN-2ETSA-02-2E	TRANSPRT	
200	DEN-2ETSA-05-2E	TRANSPRT	
201	DEN-2ETSA-06-2E	TRANSNRM	90
202	DEN-2ETSA-07-2E	TRANSPRT	
203	DEN-2ETSA-08-2E	TRANSPRT	
204	DEN-2ETSA-09-2E	TRANSNRM	90 Helix
205	DEN-2ETSA-10-2E	TRANSNRM	90 Helix
206	DEN-2ETSA-11-2E	TRANSNRM	90 Helix
207	DEN-2ETSA-12-2E	TRANSPRT	
208	DEN-2ETSA-13-2E	TRANSNRM	45
209	DEN-2ETSA-14-2E	QUEUE	
210	DEN-2ETSA-15-2E	QUEUE	
211	DEN-2ETSA-16-2E	QUEUE	
212	DEN-2ETSA-17-2E	TRANSNRM	45
213	DEN-2ETSA-18-2E	QUEUE	
214	DEN-2ETSA-19-2E	45 MERGE	
215	DEN-2EUC1-01-2E	TRANSPRT	
216	DEN-2EUC1-02-2E	TRANSNRM	45
217	DEN-2EUC1-03-2E	TRANSPRT	
218	DEN-2EUC1-04-2E	QUEUE	
219	DEN-2EUC1-05-2E	QUEUE	
220	DEN-2EUC1-06-2E	QUEUE	
221	DEN-2EUC1-07-2E	45 MERGE	
222	DEN-2EUC1-HSD-2E	HSD	
223	DEN-2EUSS1-01-2E	TRANSPRT	
224	DEN-2EUSS1-02-2E	TRANSPRT	
225	DEN-2EUSS1-03-2E	TRANSPRT	
226	DEN-2EUSS1-04-2E	TRANSNRM	45
227	DEN-2EUSS1-05-2E	TRANSPRT	
228	DEN-2EUSS1-06-2E	TRANSNRM	45
229	DEN-2EUSS1-07-2E	TRANSPRT	
230	DEN-2EUSS1-08-2E	TRANSNRM	90
231	DEN-2EUSS1-09-2E	TRANSPRT	
232	DEN-2EUSS1-10-2E	TRANSPRT	
233	DEN-2EUSS1-11-2E	TRANSNRM	45

DEN BHS Equipment Asset List

234	DEN-2EUSS1-12-2E	TRANSPRT	
235	DEN-2EUSS1-13-2E	QUEUE	
236	DEN-2EUSS1-14-2E	TRANSNRM	45
237	DEN-2EUSS1-15-2E	TRANSPRT	
238	DEN-2EUSS1-16-2E	TRANSNRM	90
239	DEN-2EUSS1-17-2E	TRANSPRT	
240	DEN-2EUSS1-HSD-2E	HSD	
241	DEN-2EUSS2-01-2E	QUEUE	
242	DEN-2EUSS2-02-2E	TRANSPRT	
243	DEN-2EUSS2-03-2E	QUEUE	
244	DEN-2EUSS2-04-2E	QUEUE	
245	DEN-2EUSS2-05-2E	QUEUE	
246	DEN-2EUSS2-06-2E	QUEUE	
247	DEN-2EUSS2-07-2E	QUEUE	
248	DEN-2EUSS2-08-2E	QUEUE	
249	DEN-2EUSS2-08A-2E	QUEUE	
250	DEN-2EUSS2-08B-2E	QUEUE	
251	DEN-2EUSS2-08C-2E	QUEUE	
252	DEN-2EUSS2-08D-2E	TRANSPRT	
253	DEN-2EUSS2-09-2E	TRANSPRT	
254	DEN-2EUSS2-10-2E	QUEUE	
255	DEN-2EUSS2-11-2E	QUEUE	
256	DEN-2EUSS2-12-2E	QUEUE	
257	DEN-2EUSS2-13-2E	QUEUE	
258	DEN-2EUSS2-14-2E	45 MERGE	
259	DEN-2EUSS2-HSD-2E	HSD	
260	DEN-2EUSS3-01-2E	QUEUE	
261	DEN-2EUSS3-02-2E	TRANSPRT	
262	DEN-2EUSS3-03-2E	QUEUE	
263	DEN-2EUSS3-04-2E	QUEUE	
264	DEN-2EUSS3-05-2E	QUEUE	
265	DEN-2EUSS3-06-2E	QUEUE	
266	DEN-2EUSS3-07-2E	QUEUE	
267	DEN-2EUSS3-08-2E	QUEUE	
268	DEN-2EUSS3-09-2E	TRANSPRT	
269	DEN-2EUSS3-10-2E	QUEUE	
270	DEN-2EUSS3-11-2E	QUEUE	
271	DEN-2EUSS3-12-2E	TRANSPRT	
272	DEN-2EUSS3-13-2E	QUEUE	
273	DEN-2EUSS3-14-2E	QUEUE	
274	DEN-MU2EN-27-2E	TRANSPRT	
275	DEN-MU2EN-28-2E	TRANSPRT	
276	DEN-MU2EN-29-2E	PORTEC	90
277	DEN-MU2EN-30-2E	TRANSPRT	
278	DEN-MU2EN-31-2E	SLOPEPLT	
279	DEN-MU2ES-07-2E	TRANSPRT	
280	DEN-MU2ES-08-2E	TRANSPRT	

DEN BHS Equipment Asset List

281	DEN-MU2ES-09-2E	TRANSNRM	45
282	DEN-MU2ES-10-2E	TRANSPRT	
283	DEN-MU2ES-11-2E	TRANSNRM	45
284	DEN-MU2ES-12-2E	QUEUE	
285	DEN-MU2ES-13-2E	QUEUE	
286	DEN-MU2ES-14-2E	QUEUE	
287	DEN-MU2ES-15-2E	QUEUE	
288	DEN-MU2ES-16-2E	TRANSPRT	
289	DEN-MU2ES-17-2E	PORTEC	90
290	DEN-MU2ES-18-2E	TRANSPRT	
291	DEN-MU2ES-19-2E	TRANSPRT	
292	DEN-MU2ES-20-2E	PORTEC	90
293	DEN-MU2ES-21-2E	TRANSPRT	
294	DEN-MU2ES-22-2E	SLOPEPLT	
295	DEN-MU2ES-23-2E	TRANSPRT	
296	DEN-MU2ES-24-HSD-2E	HSD	
297	DEN-MU2ES-25-2E	PORTEC	90
298	DEN-MU2ES-26-2E	TRANSPRT	
299	DEN-MU2ES-27-2E	PORTEC	90 Helix
300	DEN-MU2ES-28-2E	SLOPEPLT	
301	DEN-MU2ES-HSD-2E	HSD	
302	DEN-OS2EN-01-2E	TRANSPRT	
303	DEN-OS2EN-02-2E	TRANSPRT	
304	DEN-OS2EN-04-2E	TRANSPRT	
305	DEN-OS2EN-06-2E	TRANSPRT	
306	DEN-OS2EN-08-2E	TRANSPRT	
307	DEN-OS2EN-09-2E	TRANSPRT	
308	DEN-OS2EN-10-2E	TRANSPRT	
309	DEN-OS2EN-11-2E	TRANSPRT	
310	DEN-OS2EN-12-2E	TRANSPRT	
311	DEN-OS2EN-13-2E	TRANSPRT	
312	DEN-OS2EN-15-2E	TRANSPRT	
313	DEN-OS2EN-17-2E	TRANSPRT	
314	DEN-OS2EN-20-2E	TRANSPRT	
315	DEN-OS2EN-21-2E	TRANSPRT	
316	DEN-CLAIM-4-2E	SLOPEPLT	
317	DEN-CLAIM-5-2E	SLOPEPLT	
318	DEN-CLAIM-6-2E	SLOPEPLT	
319	DEN-MU2EN-22-2E	SLOPEPLT	
320	DEN-MU2EN-31-2E	SLOPEPLT	
321	DEN-MU2ES-22-2E	SLOPEPLT	
322	DEN-MU2ES-28-2E	SLOPEPLT	
323	DEN 2E-SL2EN-03	Lifts	
324	DEN 2E-SL2EN-05	Lifts	
325	DEN 2E-SL2EN-07	Lifts	
326	DEN 2E-SL2EN-14	Lifts	
327	DEN 2E-SL2EN-16	Lifts	

DEN BHS Equipment Asset List

328	DEN-2EC5-05-2E	TRANSPRT	
329	DEN-2EC5-06-2E	TRANSNRM	45
330	DEN-2EC5-07-2E	TRANSPRT	
331	DEN-2EC5-08-2E	QUEUE	
332	DEN-2EC5-09-2E	QUEUE	
333	DEN-2EC5-10-2E	TRANSPRT	
334	DEN-2EC6-01-2E	TRANSPRT	
335	DEN-2EC6-02-2E	TRANSNRM	90
336	DEN-2EC6-02DR-2E	DOOR	
337	DEN-2EC6-03-2E	TRANSNRM	180
338	DEN-2EC6-04-2E	PORTEC	180
339	DEN-2EC6-05-2E	PORTEC	180
340	DEN-2EC6-07-2E	PORTEC	180
341	DEN-2EC6-08-2E	PORTEC	180
342	DEN-2EC6-09-2E	TRANSPRT	
343	DEN-2EC6-10-2E	TRANSPRT	
344	DEN-2EC6-11-2E	TRANSNRM	45
345	DEN-2EC6-12-2E	TRANSPRT	
346	DEN-2EC6-13-2E	QUEUE	
347	DEN-2EC6-14-2E	QUEUE	
348	DEN-2EC6-15-2E	45 MERGE	
349	DEN-2EC7-01-2E	TRANSPRT	
350	DEN-2EC7-02-2E	PORTEC	90
351	DEN-2EC7-02DR-2E	DOOR	
352	DEN-2EC7-03-2E	PORTEC	180
353	DEN-2EC7-04-2E	PORTEC	180
354	DEN-2EC7-05-2E	PORTEC	180
355	DEN-2EC7-06-2E	PORTEC	180
356	DEN-2EC7-07-2E	PORTEC	180
357	DEN-2EC7-08-2E	PORTEC	180
358	DEN-2EC7-09-2E	TRANSPRT	
359	DEN-2EC7-10-2E	TRANSPRT	
360	DEN-2EC7-11-2E	TRANSNRM	90
361	DEN-2EC7-12-2E	QUEUE	
362	DEN-2EC7-13-2E	TRANSPRT	
363	DEN-2EC7-14-2E	TRANSNRM	90
364	DEN-2EC7-15-2E	TRANSPRT	
365	DEN-2EC7-16-2E	TRANSPRT	
366	DEN-2EC7-17-2E	TRANSNRM	90
367	DEN-2EC7-18-2E	QUEUE	
368	DEN-2EC7-19-2E	TRANSNRM	45
369	DEN-2EC7-20-2E	TRANSNRM	45
370	DEN-2EC7-21-2E	QUEUE	
371	DEN-2EC7-22-2E	45 MERGE	
372	DEN-2EC8-01-2E	TRANSPRT	
373	DEN-2EC8-01DR-2E	DOOR	
374	DEN-2EC8-02-2E	TRANSPRT	

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375	DEN-2EC8-03-2E	TRANSNRM	45
376	DEN-2EC8-04-2E	QUEUE	
377	DEN-2EC8-05-2E	45 MERGE	
378	DEN-2ELSS1-01-2E	45 MERGE	
379	DEN-2ELSS1-02-2E	TRANSPRT	
380	DEN-2ELSS1-03-2E	TRANSNRM	45
381	DEN-2ELSS1-04-2E	TRANSPRT	
382	DEN-2ELSS1-06-2E	QUEUE	
383	DEN-2ELSS1-07-2E	TRANSPRT	
384	DEN-2ELSS1-08-2E	QUEUE	
385	DEN-2ELSS1-09-2E	QUEUE	
386	DEN-2ELSS1-10-2E	QUEUE	
387	DEN-2ELSS1-11-2E	QUEUE	
388	DEN-2ELSS1-12-2E	QUEUE	
389	DEN-2ELSS1-13-2E	QUEUE	
390	DEN-2ELSS1-14-2E	QUEUE	
391	DEN-2ELSS1-15-2E	QUEUE	
392	DEN-2ELSS1-16-2E	QUEUE	
393	DEN-2ELSS1-17-2E	TRANSNRM	90
394	DEN-2ELSS1-18-2E	QUEUE	
395	DEN-2ELSS1-19-2E	TRANSPRT	
396	DEN-2ELSS1-20-2E	TRANSNRM	45
397	DEN-2ELSS1-21-2E	QUEUE	
398	DEN-2ELSS1-22-2E	TRANSNRM	45
399	DEN-2ELSS1-23-2E	TRANSPRT	
400	DEN-2ELSS1-24-2E	TRANSPRT	
401	DEN-2ELSS1-25-2E	TRANSNRM	45
402	DEN-2ELSS1-26-2E	TRANSPRT	
403	DEN-2ELSS1-27-2E	QUEUE	
404	DEN-2ELSS1-28-2E	TRANSNRM	45
405	DEN-2ELSS1-29-2E	TRANSPRT	
406	DEN-2ELSS1-30-2E	TRANSPRT	
407	DEN-2ELSS1-31-2E	TRANSNRM	45
408	DEN-2ELSS1-32-2E	TRANSNRM	90
409	DEN-2EML1-08-2E	TRANSPRT	
410	DEN-2EML1-09-2E	TRANSNRM	90
411	DEN-2EML1-10-2E	TRANSPRT	
412	DEN-2EML1-11-2E	TRANSPRT	
413	DEN-2EML1-12-2E	TRANSNRM	90
414	DEN-2EML1-13-2E	TRANSNRM	90
415	DEN-2EML1-14-2E	TRANSPRT	
416	DEN-2EML1-15-2E	TRANSPRT	
417	DEN-2EML1-16-2E	PORTEC	90
418	DEN-2EML1-17-2E	TRANSPRT	
419	DEN-2EML1-18-2E	TRANSPRT	
420	DEN-2EML1-19-2E	TRANSNRM	90 Helix
421	DEN-2EML1-20-2E	TRANSPRT	

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422	DEN-2EML1-21-2E	TRANSPRT	
423	DEN-2EML1-HSD-2E	HSD	
424	DEN-2ERC1-01-2E	TRANSPRT	
425	DEN-2ERC1-02-2E	TRANSPRT	
426	DEN-2ERC1-03-2E	TRANSNRM	90
427	DEN-2ERC1-04-2E	TRANSNRM	90
428	DEN-2ERC1-05-2E	TRANSPRT	
429	DEN-2ERC1-06-2E	QUEUE	
430	DEN-2ERC1-07-2E	QUEUE	
431	DEN-2ERC1-08-2E	TRANSNRM	45
432	DEN-2ERC1-09-2E	QUEUE	
433	DEN-2ERC1-10-2E	45 MERGE	
434	DEN-2ET5-01-2E	TRANSPRT	
435	DEN-2ET5-02-2E	TRANSPRT	
436	DEN-2ET5-03-2E	PORTEC	90
437	DEN-2ET5-04-2E	TRANSPRT	
438	DEN-2ET5-04DR-2E	DOOR	
439	DEN-2ET5-05-2E	TRANSPRT	
440	DEN-2ET5-06-2E	PORTEC	90
441	DEN-2ET5-07-2E	TRANSPRT	
442	DEN-2ET5-08-2E	TRANSPRT	
443	DEN-2ET5-09-2E	TRANSPRT	
444	DEN-2ET5-10-2E	PORTEC	90
445	DEN-2ET5-11-2E	TRANSPRT	
446	DEN-2ET5-12-2E	TRANSNRM	90
447	DEN-2ET5-13-2E	TRANSPRT	
448	DEN-2ET5-14-2E	TRANSNRM	90
449	DEN-2ET5-15-2E	TRANSNRM	90
450	DEN-2ET5-16-2E	TRANSPRT	
451	DEN-2ET5-17-2E	QUEUE	
452	DEN-2ET5-18-2E	QUEUE	
453	DEN-2ET5-19-2E	TRANSNRM	45
454	DEN-2ET5-20-2E	QUEUE	
455	DEN-2ET5-21-2E	45 MERGE	
456	DEN-2ET6-01-2E	TRANSPRT	
457	DEN-2ET6-02-2E	PORTEC	90
458	DEN-2ET6-03-2E	TRANSPRT	
459	DEN-2ET6-03DR-2E	DOOR	
460	DEN-2ET6-04-2E	TRANSPRT	
461	DEN-2ET6-05-2E	PORTEC	45
462	DEN-2ET6-06-2E	TRANSPRT	
463	DEN-2ET6-07-2E	TRANSPRT	
464	DEN-2ET6-08-2E	45 MERGE	
465	DEN-2ET7-01-2E	TRANSPRT	
466	DEN-2ET7-02-2E	PORTEC	90
467	DEN-2ET7-03-2E	TRANSPRT	
468	DEN-2ET7-03DR-2E	DOOR	

DEN BHS Equipment Asset List

469	DEN-2ET7-04-2E	TRANSPRT	
470	DEN-2ET7-05-2E	PORTEC	45
471	DEN-2ET7-06-2E	TRANSPRT	
472	DEN-2ET7-07-2E	TRANSPRT	
473	DEN-2ET7-08-2E	45 MERGE	
474	DEN-2ET8-01-2E	TRANSPRT	
475	DEN-2ET8-02-2E	TRANSPRT	
476	DEN-2ET8-03-2E	PORTEC	90
477	DEN-2ET8-04-2E	TRANSPRT	
478	DEN-2ET8-04DR-2E	DOOR	
479	DEN-2ET8-05-2E	TRANSPRT	
480	DEN-2ET8-06-2E	PORTEC	90
481	DEN-2ET8-07-2E	TRANSPRT	
482	DEN-2ET8-08-2E	TRANSPRT	
483	DEN-2ET8-09-2E	TRANSPRT	
484	DEN-2ET8-10-2E	PORTEC	90
485	DEN-2ET8-11-2E	TRANSPRT	
486	DEN-2ET8-12-2E	TRANSNRM	90
487	DEN-2ET8-13-2E	TRANSPRT	
488	DEN-2ET8-14-2E	TRANSNRM	45
489	DEN-2ET8-15-2E	QUEUE	
490	DEN-2EUSS3-15-2E	QUEUE	
491	DEN-2EUSS3-16-2E	45 MERGE	
492	DEN-2EUSS3-HSD-2E	HSD	
493	DEN-2EUSS4-01-2E	QUEUE	
494	DEN-2EUSS4-02-2E	TRANSPRT	
495	DEN-2EUSS4-03-2E	QUEUE	
496	DEN-2EUSS4-04-2E	QUEUE	
497	DEN-2EUSS4-05-2E	QUEUE	
498	DEN-2EUSS4-06-2E	QUEUE	
499	DEN-2EUSS4-07-2E	QUEUE	
500	DEN-2EUSS4-08-2E	QUEUE	
501	DEN-2EUSS4-09-2E	QUEUE	
502	DEN-2EUSS4-10-2E	QUEUE	
503	DEN-2EUSS4-11-2E	TRANSNRM	45
504	DEN-2EUSS4-12-2E	TRANSNRM	45
505	DEN-2EUSS4-13-2E	QUEUE	
506	DEN-2EUSS4-14-2E	QUEUE	
507	DEN-2EUSS4-15-2E	TRANSPRT	
508	DEN-2EUSS4-16-2E	QUEUE	
509	DEN-2EUSS4-17-2E	QUEUE	
510	DEN-2EUSS4-18-2E	QUEUE	
511	DEN-2EUSS4-19-2E	45 MERGE	
512	DEN-2EUSS4-HSD-2E	HSD	
513	DEN-2EUSS5-01-2E	QUEUE	
514	DEN-2EUSS5-02-2E	QUEUE	
515	DEN-2EUSS5-03-2E	QUEUE	

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516	DEN-2EUSS5-04-2E	QUEUE	
517	DEN-2EUSS5-05-2E	QUEUE	
518	DEN-2EUSS5-06-2E	QUEUE	
519	DEN-2EUSS5-07-2E	QUEUE	
520	DEN-2EUSS5-07A-2E	TRANSPRT	
521	DEN-2EUSS5-07B-2E	QUEUE	
522	DEN-2EUSS5-07C-2E	QUEUE	
523	DEN-2EUSS5-08-2E	TRANSNRM	45
524	DEN-2EUSS5-09-2E	TRANSNRM	45
525	DEN-2EUSS5-10-2E	TRANSPRT	
526	DEN-2EUSS5-11-2E	QUEUE	
527	DEN-2EUSS5-12-2E	QUEUE	
528	DEN-2EUSS5-13-2E	QUEUE	
529	DEN-2EUSS5-14-2E	QUEUE	
530	DEN-2EUSS5-15-2E	45 MERGE	
531	DEN-2EUSS5-HSD-2E	HSD	
532	DEN-2EUTL1-01-2E	TRANSPRT	
533	DEN-2EUTL1-02-2E	TRANSNRM	45
534	DEN-2EUTL1-03-2E	TRANSPRT	
535	DEN-2EUTL1-04-2E	TRANSNRM	45
536	DEN-2EUTL1-05-2E	TRANSPRT	
537	DEN-2EUTL1-06-2E	QUEUE	
538	DEN-2EUTL1-07-2E	QUEUE	
539	DEN-2EUTL1-08-2E	TRANSNRM	45
540	DEN-2EUTL1-09-2E	QUEUE	
541	DEN-2EUTL1-10-2E	45 MERGE	
542	DEN-2EUTL1-HSD-2E	HSD	
543	DEN-ATR/2ELSS1-15-2E	ATR/LSR	
544	DEN-ATR/2ELSS1-26-2E	ATR/LSR	
545	DEN-ATR/2EML1-20-2E	ATR/LSR	
546	DEN-ATR/2EUSS1-12-2E	ATR/LSR	
547	DEN-ATR/2EUSS2-07-2E	ATR/LSR	
548	DEN-ATR/2EUSS3-07-2E	ATR/LSR	
549	DEN-ATR/2EUSS4-09-2E	ATR/LSR	
550	DEN-ATR/2EUSS5-06-2E	ATR/LSR	
551	DEN-MU2EN-14-2E	TRANSPRT	
552	DEN-MU2EN-15-2E	TRANSPRT	
553	DEN-MU2EN-16-2E	TRANSPRT	
554	DEN-MU2EN-16A-2E	QUEUE	
555	DEN-MU2EN-16B-2E	QUEUE	
556	DEN-MU2EN-16C-2E	QUEUE	
557	DEN-MU2EN-16D-2E	QUEUE	
558	DEN-MU2EN-17-2E	TRANSPRT	
559	DEN-MU2EN-18-2E	PORTEC	90
560	DEN-MU2EN-19-2E	TRANSPRT	
561	DEN-MU2EN-20-2E	TRANSPRT	
562	DEN-MU2EN-21-2E	PORTEC	45

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563	DEN-MU2EN-21A-2E	TRANSPRT	
564	DEN-MU2EN-21B-2E	PORTEC	45
565	DEN-MU2EN-22-2E	SLOPEPLT	
566	DEN-MU2EN-23-2E	TRANSPRT	
567	DEN-MU2EN-24-HSD-2E	HSD	
568	DEN-MU2EN-25-2E	PORTEC	90
569	DEN-MU2EN-26-2E	TRANSPRT	
570	DEN-2ECCI3-01	HSD	
571	2EML1-04-ATR	ATR	
572	2EX3E-01	HSD	
573	2EX3E-02	TRANSPRT	
574	2EX3E-03	TRANSNRM	45
575	2EX3E-04	TRANSPRT	
576	2EX3E-05	TRANSPRT	
577	2EX3E-06	TRANSPRT	
578	2EX3E-07	TRANSPRT	
579	2EX3E-08	TRANSPRT	
580	2EX3E-09	TRANSPRT	
581	2EX3E-10	TRANSPRT	
582	2EX3E-11	45 MERGE	
583	2EX3E	HSD	
584	EOS1-17	TRANSPRT	
585	EOS1-18	TRANSPRT	
586	EOS1-19	TRANSPRT	
587	EOS1-20	TRANSPRT	
588	EOS1-21	TRANSPRT	
589	EOS1-22	TRANSPRT	
590	EOS-CLR-27	TRANSPRT	
591	EOS-CLR-28	TRANSPRT	
592	EOS-CLR-28 ATR	ATR	
593	EOS-CLR-29	TRANSPRT	
594	EOS-CLR-30	TRANSPRT	
595	EOS-CLR-31	TRANSPRT	
596	HSD-2ECCI3	HSD	Oversize
597	MCP-21E2	MCP	
598	MCP-22E2	MCP	
599	MCP-23E2	MCP	
600	2ECCI3-01	PORTEC	45
600	DEN-SK2-2E	FLTPLATE	SKI
601	2ECCI3-02	PORTEC	45
602	2ECCI3-03	TRANSPRT	
603	2ECCI3-04	PORTEC	HELIX
604	2ECCI3-05	TRANSPRT	
605	2ECCI3-06	TRANSPRT	
606	2ECCI3-07	TRANSPRT	
607	2ECCI3-08	PORTEC	45
608	2ECCI3-09	45 MERGE	

Mod 3 East

1	DEN-MCP 16-3E	MCP	
2	DEN-MCP 17-3E	MCP	
3	DEN-MCP 18-3E	MCP	
4	DEN-MCP-01-3E	MCP	
5	DEN-MCP-02-3E	MCP	
6	DEN-MCP-03-3E	MCP	
7	DEN-MCP-1-3E	MCP	
8	DEN-MCP-11-3E	MCP	
9	DEN-MCP-12-3E	MCP	
10	DEN-MCP-13-3E	MCP	
11	DEN-MCP-14-3E	MCP	
12	DEN-MCP-15-3E	MCP	
13	DEN-MCP-2-3E	MCP	
14	DEN-MCP-20-3E	MCP	
15	DEN-MCP-21-3E	MCP	
16	DEN-MCP-22-3E	MCP	
17	DEN-MCP-3-3E	MCP	
18	DEN-MCP-5-3E	MCP	
19	DEN-MCP-7-3E	MCP	
20	DEN-MCP-8-3E	MCP	
21	DEN-MCP-9-3E	MCP	
22	DEN-MCP-TO1-LCC-3E	MCP	
23	DEN-MCP-TO1-PFLOW-3E	MCP	
24	DEN-MCP-TO3-NLCC-3E	MCP	
25	DEN-MCP-TO3-NPFLOW-3E	MCP	
26	DEN-MCP-TO3-SLCC-3E	MCP	
27	DEN-MCP-TO3-SPFLOW-3E	MCP	
28	DEN-MCP-TO2-LCC-3E	MCP	
29	DEN-MCP-TO2-PFLOW-3E	MCP	
30	DEN-MCP-6-3E	MCP	
31	DEN-MCP-19-3E	MCP	
32	DEN-14EIB1A-01-3E	TRANSPRT	
33	DEN-14EIB1A-02-3E	TRANSPRT	
34	DEN-14EIB1A-03-3E	TRANSPRT	
35	DEN-14EIB1A-04-3E	TRANSPRT	
36	DEN-14EIB1A-05-3E	TRANSNRM	
37	DEN-14EIB1A-06-3E	TRANSNRM	
38	DEN-14EIB1A-07-3E	TRANSPRT	
39	DEN-14EIB1A-08-3E	TRANSPRT	
40	DEN-14EIB1A-09-3E	TRANSNRM	
41	DEN-14EIB1A-10-3E	TRANSNRM	
42	DEN-14EIB1A-11-3E	TRANSPRT	
43	DEN-14EIB1A-11DR-3E	DOOR	
44	DEN-14EIB1A-12-3E	TRANSNRM	
45	DEN-14EIB2A-01-3E	TRANSPRT	

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46	DEN-14EIB2A-01A-3E	TRANSNRM	
47	DEN-14EIB2A-02-3E	TRANSPRT	
48	DEN-14EIB2A-03-3E	TRANSPRT	
49	DEN-14EIB2A-04-3E	TRANSPRT	
50	DEN-14EIB2A-05-3E	TRANSNRM	
51	DEN-14EIB2A-06-3E	TRANSNRM	
52	DEN-14EIB2A-07-3E	TRANSPRT	
53	DEN-14EIB2A-08-3E	TRANSPRT	
54	DEN-14EIB2A-09-3E	TRANSNRM	
55	DEN-14EIB2A-10-3E	TRANSNRM	
56	DEN-14EIB2A-11-3E	TRANSPRT	
57	DEN-14EIB2A-11A-3E	TRANSPRT	
58	DEN-14EIB2A-11DR-3E	DOOR	
59	DEN-14EIB2A-12-3E	TRANSNRM	
60	DEN-14EIB3A-01-3E	TRANSPRT	
61	DEN-14EIB3A-02-3E	TRANSNRM	
62	DEN-14EIB3A-04-3E	TRANSPRT	
63	DEN-14EIB3A-05-3E	TRANSNRM	
64	DEN-14EIB3A-06-3E	TRANSNRM	
65	DEN-14EIB3A-07-3E	TRANSPRT	
66	DEN-14EIB3A-08-3E	TRANSPRT	
67	DEN-14EIB3A-09-3E	TRANSNRM	
68	DEN-14EIB3A-10-3E	TRANSPRT	
69	DEN-14EIB3A-11-3E	TRANSNRM	
70	DEN-14EIB3A-12-3E	TRANSPRT	
71	DEN-14EIB3A-13-3E	TRANSPRT	
72	DEN-14EIB3A-13DR-3E	DOOR	
73	DEN-14EIB3A-14-3E	TRANSNRM	
74	DEN-14EIB3A-15-3E	TRANSPRT	
75	DEN-14EIB3A-3E	TRANSPRT	
76	DEN-3ELSS1-01-3E	45 MERGE	
77	DEN-3ELSS1-02-3E	TRANSPRT	
78	DEN-3ELSS1-03-3E	TRANSNRM	
79	DEN-3ELSS1-04-3E	TRANSPRT	
80	DEN-3ELSS1-05-3E	QUEUE	
81	DEN-3ELSS1-06-3E	QUEUE	
82	DEN-3ELSS1-07-3E	TRANSPRT	
83	DEN-3ELSS1-08-3E	QUEUE	
84	DEN-3ELSS1-09-3E	QUEUE	
85	DEN-3ELSS1-10-3E	QUEUE	
86	DEN-3ELSS1-11-3E	QUEUE	
87	DEN-3ELSS1-12-3E	TRANSNRM	
88	DEN-3ELSS1-13-3E	QUEUE	
89	DEN-3ELSS1-14-3E	QUEUE	
90	DEN-3ELSS1-15-3E	QUEUE	
91	DEN-3ELSS1-16-3E	TRANSPRT	
92	DEN-3ELSS1-17-3E	TRANSNRM	

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93	DEN-3ELSS1-18-3E	TRANSPRT	
94	DEN-3ELSS1-19-3E	TRANSNRM	
95	DEN-3ELSS1-20-3E	TRANSPRT	
96	DEN-3ELSS1-21-3E	TRANSPRT	
97	DEN-3ELSS1-22-3E	TRANSNRM	
98	DEN-3ELSS1-23-3E	TRANSPRT	
99	DEN-3ELSS1-24-3E	QUEUE	
100	DEN-3ELSS1-25-3E	TRANSNRM	
101	DEN-3ELSS1-26-3E	TRANSPRT	
102	DEN-3ELSS1-27-3E	TRANSPRT	
103	DEN-3ELSS1-28-3E	TRANSNRM	
104	DEN-3ELSS1-29-3E	QUEUE	
105	DEN-3ELSS1-30-3E	TRANSPRT	
106	DEN-3ELSS1-HSD-3E	HSD	
107	DEN-3ELSS2-01-3E	QUEUE	
108	DEN-3ELSS2-02-3E	TRANSPRT	
109	DEN-3ELSS2-03-3E	QUEUE	
110	DEN-3ELSS2-04-3E	QUEUE	
111	DEN-3ELSS2-05-3E	QUEUE	
112	DEN-3ELSS2-06-3E	QUEUE	
113	DEN-3ELSS2-07-3E	QUEUE	
114	DEN-3ELSS2-08-3E	QUEUE	
115	DEN-3ELSS2-09-3E	QUEUE	
116	DEN-3ELSS2-10-3E	TRANSPRT	
117	DEN-3ELSS2-11-3E	QUEUE	
118	DEN-3ELSS2-12-3E	QUEUE	
119	DEN-3ELSS2-13-3E	QUEUE	
120	DEN-3ELSS2-14-3E	45 MERGE	
121	DEN-3ELSS2-HSD-3E	HSD	
122	DEN-3ELSS3-01-3E	QUEUE	
123	DEN-3ELSS3-02-3E	TRANSPRT	
124	DEN-3ELSS3-03-3E	QUEUE	
125	DEN-3ELSS3-04-3E	QUEUE	
126	DEN-3ELSS3-05-3E	QUEUE	
127	DEN-3ELSS3-06-3E	QUEUE	
128	DEN-3ELSS3-07-3E	QUEUE	
129	DEN-3ELSS3-08-3E	QUEUE	
130	DEN-3ELSS3-09-3E	QUEUE	
131	DEN-3ELSS3-10-3E	TRANSPRT	
132	DEN-3ELSS3-11-3E	QUEUE	
133	DEN-3ELSS3-12-3E	QUEUE	
134	DEN-3ELSS3-13-3E	QUEUE	
135	DEN-3ELSS3-14-3E	45 MERGE	
136	DEN-3ELSS3-HSD-3E	HSD	
137	DEN-3ELSS4-01-3E	QUEUE	
138	DEN-3ELSS4-02-3E	TRANSPRT	
139	DEN-3ELSS4-03-3E	QUEUE	

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140	DEN-3ELSS4-04-3E	QUEUE	
141	DEN-3ELSS4-05-3E	TRANSNRM	
142	DEN-3ELSS4-06-3E	QUEUE	
143	DEN-3ELSS4-07-3E	TRANSNRM	
144	DEN-3ELSS4-08-3E	QUEUE	
145	DEN-3ELSS4-09-3E	TRANSPRT	
146	DEN-3ELSS4-10-3E	TRANSPRT	
147	DEN-3ELSS4-11-3E	TRANSPRT	
148	DEN-3ELSS4-12-3E	QUEUE	
149	DEN-3ELSS4-13-3E	QUEUE	
150	DEN-3ELSS4-14-3E	QUEUE	
151	DEN-3ELSS4-15-3E	45 MERGE	
152	DEN-3ELSS4-HSD-3E	HSD	
153	DEN-3ELSS5-01-3E	QUEUE	
154	DEN-3ELSS5-02-3E	QUEUE	
155	DEN-3ELSS5-03-3E	QUEUE	
156	DEN-3ELSS5-04-3E	QUEUE	
157	DEN-3ELSS5-05-3E	QUEUE	
158	DEN-3ET1-16-3E	TRANSPRT	
159	DEN-3ET1-17-3E	QUEUE	
160	DEN-3ET1-18-3E	QUEUE	
161	DEN-3ET1-19-3E	TRANSNRM	
162	DEN-3ET1-20-3E	QUEUE	
163	DEN-3ET1-21-3E	45 MERGE	
164	DEN-3ET2-01-3E	TRANSPRT	
165	DEN-3ET2-02-3E	PORTEC	
166	DEN-3ET2-03-3E	TRANSPRT	
167	DEN-3ET2-03DR-3E	DOOR	
168	DEN-3ET2-04-3E	TRANSPRT	
169	DEN-3ET2-05-3E	PORTEC	
170	DEN-3ET2-06-3E	QUEUE	
171	DEN-3ET2-07-3E	QUEUE	
172	DEN-3ET2-08-3E	45 MERGE	
173	DEN-3ET2-3E-3E	TRANSPRT	
174	DEN-3ET3-01-3E	TRANSPRT	
175	DEN-3ET3-02-3E	PORTEC	
176	DEN-3ET3-03-3E	TRANSPRT	
177	DEN-3ET3-03DR-3E	DOOR	
178	DEN-3ET3-04-3E	TRANSPRT	
179	DEN-3ET3-05-3E	PORTEC	
180	DEN-3ET3-06-3E	QUEUE	
181	DEN-3ET3-07-3E	QUEUE	
182	DEN-3ET3-08-3E	45 MERGE	
183	DEN-3ET4-01-3E	TRANSPRT	
184	DEN-3ET4-02-3E	TRANSPRT	
185	DEN-3ET4-03-3E	PORTEC	
186	DEN-3ET4-04-3E	TRANSPRT	

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187	DEN-3ET4-04DR-3E	DOOR	
188	DEN-3ET4-05-3E	TRANSPRT	
189	DEN-3ET4-06-3E	PORTEC	
190	DEN-3ET4-07-3E	TRANSPRT	
191	DEN-3ET4-08-3E	TRANSPRT	
192	DEN-3ET4-09-3E	TRANSPRT	
193	DEN-3ET4-10-3E	PORTEC	
194	DEN-3ET4-11-3E	TRANSPRT	
195	DEN-3ET4-12-3E	TRANSNRM	
196	DEN-3ET4-13-3E	TRANSPRT	
197	DEN-3ET4-14-3E	TRANSNRM	
198	DEN-3ET4-15-3E	TRANSPRT	
199	DEN-3ET4-16-3E	QUEUE	
200	DEN-3ET4-17-3E	QUEUE	
201	DEN-3ET4-18-3E	45 MERGE	
202	DEN-3ETSA-01-3E	QUEUE	
203	DEN-3ETSA-02-3E	TRANSPRT	
204	DEN-3ETSA-03-3E	TRANSNRM	
205	DEN-3ETSA-04-3E	TRANSNRM	
206	DEN-3ETSA-05-3E	TRANSPRT	
207	DEN-3ETSA-06-3E	TRANSPRT	
208	DEN-3ETSA-07-3E	TRANSNRM	
209	DEN-3ETSA-08-3E	TRANSPRT	
210	DEN-3ETSA-09-3E	QUEUE	
211	DEN-3ETSA-10-3E	QUEUE	
212	DEN-3ETSA-11-3E	QUEUE	
213	DEN-3ETSA-12-3E	QUEUE	
214	DEN-3ETSA-13-3E	TRANSPRT	
215	DEN-3ETSA-14-3E	TRANSNRM	
216	DEN-3ETSA-15-3E	45 MERGE	
217	DEN-3EUC1-1-3E	TRANSPRT	
218	DEN-3EUC1-2-3E	TRANSNRM	
219	DEN-3EUC1-3-3E	TRANSPRT	
220	DEN-3EUC1-3E	TRANSPRT	
221	DEN-3EUC1-4-3E	QUEUE	
222	DEN-3EUC1-5-3E	QUEUE	
223	DEN-3EUC1-6-3E	QUEUE	
224	DEN-3EUC1-7-3E	45 MERGE	
225	DEN-3EUC1-HSD-3E	HSD	
226	DEN-3EUSS1-01-3E	TRANSPRT	
227	DEN-3EUSS1-02-3E	TRANSPRT	
228	DEN-3EUSS1-03-3E	TRANSPRT	
229	DEN-3EUSS1-04-3E	TRANSNRM	
230	DEN-3EUSS1-05-3E	TRANSPRT	
231	DEN-3EUSS1-06-3E	TRANSNRM	
232	DEN-3EUSS1-07-3E	TRANSPRT	
233	DEN-3EUSS1-10-3E	TRANSPRT	

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234	DEN-3EUSS1-11-3E	TRANSNRM	
235	DEN-3EUSS1-12-3E	TRANSPRT	
236	DEN-3EUSS1-13-3E	TRANSPRT	
237	DEN-3EUSS1-14-3E	TRANSNRM	
238	DEN-3EUSS1-15-3E	TRANSPRT	
239	DEN-3EUSS1-16-3E	TRANSPRT	
240	DEN-ATR/3EUSS5-6-3E	ATR/LSR	
241	DEN-3EMU2-3E	SLOPEPLT	
242	DEN-3EMU3-3E	SLOPEPLT	
243	DEN-3EMU4-3E	SLOPEPLT	
244	DEN-3EMU5-3E	SLOPEPLT	
245	DEN-CLAIM-7-3E	SLOPEPLT	
246	DEN-CLAIM-8-3E	SLOPEPLT	
247	DEN-CLAIM-9-3E	SLOPEPLT	
248	DEN-3ELVL4-3E	LIFTS	
249	DEN-3ELVL4A-3E	LIFTS	
250	DEN-TO1-3E	LIFTS	
251	DEN-TO2-3E	LIFTS	
252	DEN-TO3N-04-1E	LIFTS	
253	DEN-TO3S-03-1E	LIFTS	
254	DEN-TO3S--05-1E	LIFTS	
255	DEN-TO3S-07-1E	LIFTS	
257	DEN-TO3S-3E	LIFTS	
258	DEN-TO1-01-3E	TRANSPRT	
259	DEN-TO1-02-3E	TRANSPRT	
260	DEN-TO1-03-3E	TRANSNRM	
261	DEN-TO1-04-3E	TRANSPRT	
262	DEN-TO1-05-3E	TRANSPRT	
263	DEN-TO1-06-3E	TRANSPRT	
264	DEN-TO1-07-3E	TRANSPRT	
265	DEN-TO1-08-3E	TRANSPRT	
266	DEN-TO1-3E	LIFTS	
267	DEN-TO1-L5DR-3E	DOOR	
268	DEN-TO1-L6DR-3E	DOOR	
269	DEN-TO2-03-3E	TRANSNRM	
270	DEN-TO2-04-3E	TRANSPRT	
271	DEN-TO2-05-3E	TRANSPRT	
272	DEN-TO2-07-3E	TRANSPRT	
273	DEN-TO2-08-3E	TRANSPRT	
274	DEN-TO2-1A-3E	TRANSPRT	
275	DEN-TO2-1B-3E	TRANSNRM	
276	DEN-TO2-1C-3E	TRANSPRT	
277	DEN-TO2-1D-3E	TRANSNRM	
278	DEN-TO2-1E-3E	TRANSPRT	
279	DEN-TO2-1F-3E	TRANSNRM	
280	DEN-TO2-1G-3E	TRANSPRT	
281	DEN-TO2-1H-3E	TRANSPRT	

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282	DEN-TO2-1I-3E	TRANSPRT	
283	DEN-TO2-3E	LIFTS	
284	DEN-TO2-L5DR-3E	DOOR	
285	DEN-TO2-L6DR-3E	DOOR	
286	DEN-TO2-O1-3E	TRANSNRM	
287	DEN-TO2-O2-3E	TRANSPRT	
288	DEN-TO3N-3E	LIFTS	
289	DEN-TO3S-3E	LIFTS	
290	DEN-TO3N-01-1E	LIFTS	
291	DEN-TO3N-02-1E	LIFTS	
292	DEN-TO3N-03-1E	LIFTS	
293	DEN-TO3N-05-1E	LIFTS	
294	DEN-TO3N-061E	LIFTS	
295	DEN-TO3N-07-1E	LIFTS	
296	DEN-TO3-N-DR-1E	LIFTS	
297	DEN-TO3-N-LIFT-1E	LIFTS	
298	DEN-TO3S-01-1E	LIFTS	
299	DEN-TO3S-02-1E	LIFTS	
300	DEN-TO3S-04-1E	LIFTS	
301	DEN-TO3S-06-1E	LIFTS	
302	DEN-TO3-S-DR-1E	LIFTS	
303	DEN-TO3-S-LIFT-1E	LIFTS	
304	HSD-3EMLL	HSD	
305	DEN-14WIB1A-11	TRANSPRT	
306	DEN-14WIB1A-12	TRANSNRM	
307	DEN-14WIB2A-04	TRANSPRT	
308	DEN-14WIB2A-05	TRANSNRM	
309	DEN-14WIB2A-06	TRANSNRM	
310	DEN-14WIB2A-07	TRANSPRT	
311	DEN-14WIB2A-08	TRANSPRT	
312	DEN-14WIB2A-09	TRANSNRM	
313	DEN-14WIB2A-10	TRANSNRM	
314	DEN-14WIB2A-11A	TRANSPRT	
315	DEN-14WIB2A-11B	TRANSPRT	
316	DEN-14WIB2A-12	TRANSNRM	
317	DEN-14WIB3A-04	TRANSPRT	
318	DEN-14WIB3A-05	TRANSNRM	
319	DEN-14WIB3A-06	TRANSNRM	
320	DEN-14WIB3A-07	TRANSPRT	
321	DEN-14WIB3A-08	TRANSPRT	
322	DEN-14WIB3A-09	TRANSNRM	
323	DEN-14WIB3A-10	TRANSPRT	
324	DEN-14WIB3A-11	TRANSNRM	
325	DEN-14WIB3A-12	TRANSPRT	
326	DEN-14WIB3A-13	TRANSPRT	
327	DEN-14WIB3A-14	TRANSNRM	
328	DEN-14WIB3A-15	TRANSPRT	

DEN BHS Equipment Asset List

329	DEN-3EC1-01-3E	TRANSPRT	
330	DEN-3EC1-01DR-3E	DOOR	
331	DEN-3EC1-02-3E	TRANSPRT	
332	DEN-3EC1-03-3E	QUEUE	
333	DEN-3EC1-03A-3E	TRANSPRT	
334	DEN-3EC1-04-3E	TRANSPRT	
335	DEN-3EC1-05-3E	TRANSNRM	
336	DEN-3EC1-06-3E	QUEUE	
337	DEN-3EC1-07-3E	QUEUE	
338	DEN-3EC1-08-3E	QUEUE	
339	DEN-3EC1-09-3E	45 MERGE	
340	DEN-3EC2-01-3E	TRANSPRT	
341	DEN-3EC2-02-3E	PORTEC	
342	DEN-3EC2-02DR-3E	DOOR	
343	DEN-3EC2-03-3E	PORTEC	
344	DEN-3EC2-04-3E	PORTEC	
345	DEN-3EC2-05-3E	PORTEC	
346	DEN-3EC2-06-3E	PORTEC	
347	DEN-3EC2-07-3E	PORTEC	
348	DEN-3EC2-08-3E	PORTEC	
349	DEN-3EC2-09-3E	TRANSPRT	
350	DEN-3EC2-10-3E	TRANSPRT	
351	DEN-3EC2-11-3E	TRANSNRM	
352	DEN-3EC2-12-3E	TRANSPRT	
353	DEN-3EC2-13-3E	QUEUE	
354	DEN-3EC2-14-3E	QUEUE	
355	DEN-3EC2-15-3E	TRANSPRT	
356	DEN-3EC3-01-3E	TRANSPRT	
357	DEN-3EC3-02-3E	PORTEC	
358	DEN-3EC3-02DR-3E	DOOR	
359	DEN-3EC3-03-3E	PORTEC	
360	DEN-3EC3-04-3E	PORTEC	
361	DEN-3EC3-05-3E	PORTEC	
362	DEN-3EC3-06-3E	PORTEC	
363	DEN-3EC3-07-3E	PORTEC	
364	DEN-3EC3-08-3E	PORTEC	
365	DEN-3EC3-09-3E	TRANSPRT	
366	DEN-3EC3-10-3E	TRANSPRT	
367	DEN-3EC3-11-3E	TRANSNRM	
368	DEN-3EC3-12-3E	QUEUE	
369	DEN-3EC3-13-3E	TRANSPRT	
370	DEN-3EC3-14-3E	TRANSNRM	
371	DEN-3EC3-15-3E	TRANSPRT	
372	DEN-3EC3-16-3E	TRANSPRT	
373	DEN-3EC3-17-3E	TRANSNRM	
374	DEN-3EC3-18-3E	QUEUE	
375	DEN-3EC3-19-3E	TRANSNRM	

DEN BHS Equipment Asset List

376	DEN-3EC3-20-3E	TRANSNRM	
377	DEN-3EC3-21-3E	QUEUE	
378	DEN-3EC3-22-3E	QUEUE	
379	DEN-3EC3-23-3E	45 MERGE	
380	DEN-3EC4-01-3E	TRANSPRT	
381	DEN-3EC4-01DR-3E	DOOR	
382	DEN-3EC4-02-3E	TRANSPRT	
383	DEN-3EC4-03-3E	TRANSNRM	
384	DEN-3EC4-04-3E	QUEUE	
385	DEN-3EC4-05-3E	45 MERGE	
386	DEN-3EC4-3E	TRANSPRT	
387	DEN-3ELSS5-06-3E	QUEUE	
388	DEN-3ELSS5-07-3E	QUEUE	
389	DEN-3ELSS5-08-3E	TRANSNRM	
390	DEN-3ELSS5-09-3E	QUEUE	
391	DEN-3ELSS5-10-3E	TRANSNRM	
392	DEN-3ELSS5-11-3E	TRANSPRT	
393	DEN-3ELSS5-12-3E	QUEUE	
394	DEN-3ELSS5-13-3E	QUEUE	
395	DEN-3ELSS5-14-3E	QUEUE	
396	DEN-3ELSS5-15-3E	45 MERGE	
397	DEN-3ELSS5-HSD-3E	HSD	
398	DEN-3EML1-01-3E	TRANSPRT	
399	DEN-3EML1-02-3E	TRANSPRT	
400	DEN-3EML1-03-3E	TRANSPRT	
401	DEN-3EML1-04-3E	TRANSPRT	
402	DEN-3EML1-05-3E	TRANSPRT	
403	DEN-3EML1-06-3E	TRANSPRT	
404	DEN-3EML1-07-3E	TRANSPRT	
405	DEN-3EML1-08-3E	TRANSPRT	
406	DEN-3EML1-09-3E	TRANSPRT	
407	DEN-3EML1-10-3E	TRANSPRT	
408	DEN-3EML1-11-3E	TRANSPRT	
409	DEN-3EML1-12-3E	TRANSPRT	
410	DEN-3EML1-13-3E	TRANSPRT	
411	DEN-3EML1-14-3E	TRANSPRT	
412	DEN-3EML1-15-3E	TRANSPRT	
413	DEN-3EML1-16-3E	TRANSPRT	
414	DEN-3EML1-31A	QUEUE	
415	DEN-3EML1-31B	QUEUE	
416	DEN-3EML1-31C	TRANSNRM	
417	DEN-3EML1-31D	TRANSNRM	
418	DEN-3EML1-HSD-3E	HSD	
419	DEN-3EMU2-3E	SLOPEPLT	
420	DEN-3EMU3-3E	SLOPEPLT	
421	DEN-3EMU4-3E	SLOPEPLT	
422	DEN-3EMU5-3E	SLOPEPLT	

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423	DEN-3ERC-01-3E	TRANSPRT	
424	DEN-3ERC-02-3E	QUEUE	
425	DEN-3ERC-03-3E	TRANSPRT	
426	DEN-3ERC-04-3E	TRANSNRM	
427	DEN-3ERC-05-3E	TRANSPRT	
428	DEN-3ERC-06-3E	TRANSPRT	
429	DEN-3ERC-07-3E	QUEUE	
430	DEN-3ERC-08-3E	QUEUE	
431	DEN-3ERC-09-3E	TRANSPRT	
432	DEN-3ERC-10-3E	QUEUE	
433	DEN-3ERC-11-3E	45 MERGE	
434	DEN-3ESP2-01-3E	TRANSPRT	
435	DEN-3ESP2-02-3E	TRANSPRT	
436	DEN-3ESP2-03-3E	TRANSPRT	
437	DEN-3ESP2-06-3E	MISC	
438	DEN-3ESP2-HSD-3E	HSD	
439	DEN-3ESP3-01-3E	TRANSPRT	
440	DEN-3ESP3-02-3E	TRANSNRM	
441	DEN-3ESP3-HSD-3E	HSD	
442	DEN-3ESP4-01-3E	TRANSPRT	
443	DEN-3ESP4-02-3E	TRANSNRM	
444	DEN-3ESP4-HSD-3E	HSD	
445	DEN-3ESP5-01-3E	45 MERGE	
446	DEN-3ESP5-02-3E	TRANSPRT	
447	DEN-3ESP5-03-3E	TRANSNRM	
448	DEN-3ESP5-04-3E	TRANSPRT	
449	DEN-3ESP5-05-3E	TRANSNRM	
450	DEN-3ESP5-06-3E	TRANSPRT	
451	DEN-3ESP5-07-3E	TRANSNRM	
452	DEN-3ESP5-HSD-3E	HSD	
453	DEN-3ET1-01-3E	TRANSPRT	
454	DEN-3ET1-02-3E	TRANSPRT	
455	DEN-3ET1-03-3E	PORTEC	
456	DEN-3ET1-03DR-3E	DOOR	
457	DEN-3ET1-04-3E	TRANSPRT	
458	DEN-3ET1-05-3E	TRANSPRT	
459	DEN-3ET1-06-3E	PORTEC	
460	DEN-3ET1-07-3E	TRANSPRT	
461	DEN-3ET1-08-3E	TRANSPRT	
462	DEN-3ET1-09-3E	TRANSPRT	
463	DEN-3ET1-10-3E	PORTEC	
464	DEN-3ET1-11-3E	TRANSPRT	
465	DEN-3ET1-12-3E	PORTEC	
466	DEN-3ET1-13-3E	TRANSPRT	
467	DEN-3ET1-14-3E	PORTEC	
468	DEN-3ET1-15-3E	TRANSNRM	
469	DEN-3EUSS1-17-3E	TRANSNRM	

DEN BHS Equipment Asset List

470	DEN-3EUSS1-18-3E	TRANSPRT	
471	DEN-3EUSS1-19-3E	TRANSNRM	
472	DEN-3EUSS2-01-3E	QUEUE	
473	DEN-3EUSS2-02-3E	TRANSPRT	
474	DEN-3EUSS2-03-3E	QUEUE	
475	DEN-3EUSS2-04-3E	QUEUE	
476	DEN-3EUSS2-05-3E	QUEUE	
477	DEN-3EUSS2-06-3E	QUEUE	
478	DEN-3EUSS2-07-3E	QUEUE	
479	DEN-3EUSS2-08-3E	QUEUE	
480	DEN-3EUSS2-09-3E	QUEUE	
481	DEN-3EUSS2-10-3E	TRANSPRT	
482	DEN-3EUSS2-11-3E	QUEUE	
483	DEN-3EUSS2-12-3E	QUEUE	
484	DEN-3EUSS2-13-3E	QUEUE	
485	DEN-3EUSS2-14-3E	QUEUE	
486	DEN-3EUSS2-15-3E	45 MERGE	
487	DEN-3EUSS2-9A-3E	QUEUE	
488	DEN-3EUSS2-HSD-3E	HSD	
489	DEN-3EUSS3-01-3E	QUEUE	
490	DEN-3EUSS3-02-3E	TRANSPRT	
491	DEN-3EUSS3-03-3E	QUEUE	
492	DEN-3EUSS3-04-3E	QUEUE	
493	DEN-3EUSS3-05-3E	QUEUE	
494	DEN-3EUSS3-06-3E	QUEUE	
495	DEN-3EUSS3-07-3E	QUEUE	
496	DEN-3EUSS3-08-3E	QUEUE	
497	DEN-3EUSS3-09-3E	QUEUE	
498	DEN-3EUSS3-10-3E	QUEUE	
499	DEN-3EUSS3-11-3E	TRANSPRT	
500	DEN-3EUSS3-12-3E	QUEUE	
501	DEN-3EUSS3-13-3E	QUEUE	
502	DEN-3EUSS3-14-3E	QUEUE	
503	DEN-3EUSS3-15-3E	45 MERGE	
504	DEN-3EUSS3-HSD-3E	HSD	
505	DEN-3EUSS4-01-3E	QUEUE	
506	DEN-3EUSS4-02-3E	TRANSPRT	
507	DEN-3EUSS4-03-3E	QUEUE	
508	DEN-3EUSS4-04-3E	QUEUE	
509	DEN-3EUSS4-05-3E	QUEUE	
510	DEN-3EUSS4-06-3E	TRANSNRM	
511	DEN-3EUSS4-07-3E	QUEUE	
512	DEN-3EUSS4-08-3E	TRANSNRM	
513	DEN-3EUSS4-09-3E	QUEUE	
514	DEN-3EUSS4-10-3E	QUEUE	
515	DEN-3EUSS4-11-3E	QUEUE	
516	DEN-3EUSS4-12-3E	QUEUE	

DEN BHS Equipment Asset List

517	DEN-3EUSS4-13-3E	QUEUE	
518	DEN-3EUSS4-14-3E	TRANSPRT	
519	DEN-3EUSS4-15-3E	QUEUE	
520	DEN-3EUSS4-16-3E	QUEUE	
521	DEN-3EUSS4-17-3E	QUEUE	
522	DEN-3EUSS4-18-3E	45 MERGE	
523	DEN-3EUSS4-HSD-3E	HSD	
524	DEN-3EUSS5-01-3E	QUEUE	
525	DEN-3EUSS5-02-3E	QUEUE	
526	DEN-3EUSS5-03-3E	QUEUE	
527	DEN-3EUSS5-04-3E	QUEUE	
528	DEN-3EUSS5-05-3E	QUEUE	
529	DEN-3EUSS5-06-3E	QUEUE	
530	DEN-3EUSS5-07-3E	QUEUE	
531	DEN-3EUSS5-08-3E	TRANSPRT	
532	DEN-3EUSS5-09-3E	TRANSNRM	
533	DEN-3EUSS5-10-3E	QUEUE	
534	DEN-3EUSS5-11-3E	TRANSNRM	
535	DEN-3EUSS5-12-3E	TRANSPRT	
536	DEN-3EUSS5-13-3E	QUEUE	
537	DEN-3EUSS5-14-3E	QUEUE	
538	DEN-3EUSS5-15-3E	QUEUE	
539	DEN-3EUSS5-16-3E	45 MERGE	
540	DEN-3EUSS5-HSD-3E	HSD	
541	DEN-3EUTL1-01-3E	TRANSPRT	
542	DEN-3EUTL1-02-3E	TRANSNRM	
543	DEN-3EUTL1-03-3E	QUEUE	
544	DEN-3EUTL1-04-3E	TRANSNRM	
545	DEN-3EUTL1-05-3E	TRANSPRT	
546	DEN-3EUTL1-06-3E	QUEUE	
547	DEN-3EUTL1-07-3E	TRANSNRM	
548	DEN-3EUTL1-08-3E	QUEUE	
549	DEN-3EUTL1-09-3E	45 MERGE	
550	DEN-3EUTL1-HSD-3E	HSD	
551	SP3A-02	PORTEC	
552	SP3A-04	PORTEC	
553	SP3A-08	PORTEC	45
554	3EMLL-01	TRANSPRT	
555	3EMLL-02	TRANSPRT	90 helix
556	3EMLL-03	TRANSPRT	90 helix
557	3EMLL-04	TRANSPRT	
558	3EMLL-05	PORTEC	45
559	3EMLL-06	45 MERGE	
560	3EOS-CLR-07	TRANSPRT	
561	3EOS-CLR-08	PORTEC	45
562	3EOS-CLR-09	TRANSPRT	
563	3EOS-CLR-10	PORTEC	45

DEN BHS Equipment Asset List

564	3EOS-CLR-11	TRANSPRT	
565	MCP-23E3	MCP	
566	SP2A-02	TRANSPRT	
567	SP2A-03	QUEUE	
568	SP2A-04	QUEUE	
569	SP2A-05	PORTEC	45
570	SP2A-06	PORTEC	45
571	SP2A-07 Tip Chute	TRANSPRT	
572	SP3A	TRANSPRT	
573	SP3A-01	TRANSPRT	
574	SP3A-03	TRANSPRT	
575	SP3A-05	TRANSPRT	
576	SP3A-06	PORTEC	45
577	SP3A-07	TRANSPRT	
578	SP3A-09	TRANSPRT	
579	SP3A-10	PORTEC	90 Helix
580	SP3A-11	TRANSPRT	
581	SP3A-12	PORTEC	90 Helix
582	SP3A-13	TRANSPRT	
583	DEN_SK1-3E	FLTPLATE	SKI
584	SP2A-01	PORTEC	90
585	MCP-25E3	MCP	
586	MCP-24E3	MCP	
587	3EOS-CLR-01	TRANSPRT	
588	3EOS-CLR-02	TRANSPRT	
589	3EOS-CLR-03	TRANSPRT	
590	3EOS-CLR-04	TRANSPRT	
591	3EOS-CLR-05	TRANSPRT	
592	3EOS-CLR-06	TRANSPRT	

Mod 1 West

1	DEN-MCP-10W1-1W	MCP	
2	DEN-MCP-11W	MCP	
3	DEN-MCP-11W1-1W	MCP	
4	DEN-MCP-12W1-1W	MCP	
5	DEN-MCP-14W1-1W	MCP	
6	DEN-MCP-15W1-1W	MCP	
7	DEN-MCP-16-1W	MCP	
8	DEN-MCP-17-1W	MCP	
9	DEN-MCP-17C6-1W	MCP	
10	DEN-MCP-17C7-1W	MCP	
11	DEN-MCP-17C8-1W	MCP	
12	DEN-MCP-17W1-1W	MCP	
13	DEN-MCP-18-1W	MCP	
14	DEN-MCP-18W1-1W	MCP	
15	DEN-MCP-1W	MCP	
16	DEN-MCP-1W1-1W	MCP	
17	DEN-MCP-2W1-1W	MCP	
18	DEN-MCP-3W1	MCP	
19	DEN-MCP 4W1	MCP	
20	DEN-MCP 5W1	MCP	
21	DEN-MCP 6W1	MCP	
22	DEN-MCP-8W1-1W	MCP	
23	DEN-MCP-9W1-1W	MCP	
24	DEN-MCP-CC-01-1W	MCP	
25	DEN-MCP-CC-02-1W	MCP	
26	DEN-MCP-CC-03-1W	MCP	
27	DEN-MCP-CC-04-1W	MCP	
28	DEN-MCP-CC-41-1W	MCP	
29	DEN-MCP-CC-42-1W	MCP	
30	DEN-MCP-CC-43-1W	MCP	
31	DEN-MCP-LCP-1W	MCP	
32	DEN-MCP-TO10-LCC-1W	MCP	
33	DEN-MCP-TO10-PFLOW-1W	MCP	
34	DEN-MCP-TO11-LCC-1W	MCP	
35	DEN-MCP-TO11-PFLOW-1W	MCP	
36	DEN-MCP-TO12-NLCC-1W	MCP	
37	DEN-MCP-TO12-NPFLOW-1W	MCP	
38	DEN-MCP-TO12-SLCC-1W	MCP	
39	DEN-MCP-TO12-SPFLOW-1W	MCP	
40	DEN-MCP-10W1-1W	MCP	
41	DEN-1WC19-01-1W	TRANSPRT	
42	DEN-1WC19-01DR-1W	DOOR	
43	DEN-1WC19-02-1W	TRANSPRT	
44	DEN-1WC19-03-1W	QUEUE	
45	DEN-1WC19-04-1W	TRANSPRT	

DEN BHS Equipment Asset List

46	DEN-1WC19-05-1W	TRANSPRT	
47	DEN-1WC19-06-1W	TRANSNRM	45
48	DEN-1WC19-07-1W	QUEUE	
49	DEN-1WC19-08-1W	QUEUE	
50	DEN-1WC19-09-1W	QUEUE	
51	DEN-1WC19-10-1W	45 MERGE	
52	DEN-1WC20-01-1W	TRANSPRT	
53	DEN-1WC20-02-1W	PORTEC	90
54	DEN-1WC20-02DR-1W	DOOR	
55	DEN-1WC20-03-1W	PORTEC	180
56	DEN-1WC20-04-1W	PORTEC	180
57	DEN-1WC20-05-1W	PORTEC	180
58	DEN-1WC20-06-1W	PORTEC	180
59	DEN-1WC20-07-1W	PORTEC	180
60	DEN-1WC20-08-1W	PORTEC	180
61	DEN-1WC20-09-1W	TRANSPRT	
62	DEN-1WC20-10-1W	TRANSNRM	45
63	DEN-1WC20-11-1W	QUEUE	
64	DEN-1WC20-12-1W	QUEUE	
65	DEN-1WC20-13-1W	QUEUE	
66	DEN-1WC20-14-1W	TRANSPRT	
67	DEN-1WC21-01-1W	TRANSPRT	
68	DEN-1WC21-02-1W	PORTEC	90
69	DEN-1WC21-02DR-1W	DOOR	
70	DEN-1WC21-03-1W	PORTEC	180
71	DEN-1WC21-04-1W	PORTEC	180
72	DEN-1WC21-05-1W	PORTEC	180
73	DEN-1WC21-06-1W	PORTEC	180
74	DEN-1WC21-07-1W	PORTEC	180
75	DEN-1WC21-08-1W	PORTEC	180
76	DEN-1WC21-09-1W	TRANSPRT	
77	DEN-1WC21-09A-1W	TRANSPRT	
78	DEN-1WC21-11-1W	TRANSNRM	90
79	DEN-1WC21-12-1W	QUEUE	
80	DEN-1WC21-13-1W	TRANSPRT	
81	DEN-1WC21-14-1W	TRANSNRM	90
82	DEN-1WC21-15-1W	TRANSPRT	
83	DEN-1WLSS3-09-1W	QUEUE	
84	DEN-1WLSS3-10-1W	TRANSPRT	
85	DEN-1WLSS3-11-1W	QUEUE	
86	DEN-1WLSS3-12-1W	QUEUE	
87	DEN-1WLSS3-13-1W	QUEUE	
88	DEN-1WLSS3-14-1W	45 MERGE	
89	DEN-1WLSS3-HSD-1W	HSD	
90	DEN-1WLSS4-01-1W	45 MERGE	
91	DEN-1WLSS4-02-1W	TRANSNRM	45
92	DEN-1WLSS4-03-1W	TRANSPRT	

DEN BHS Equipment Asset List

93	DEN-1WLSS4-04-1W	QUEUE	
94	DEN-1WLSS4-05-1W	QUEUE	
95	DEN-1WLSS4-06-1W	TRANSNRM	45
96	DEN-1WLSS4-07-1W	TRANSNRM	45
97	DEN-1WLSS4-08-1W	QUEUE	
98	DEN-1WLSS4-09-1W	QUEUE	
99	DEN-1WLSS4-10-1W	QUEUE	
100	DEN-1WLSS4-11-1W	TRANSPRT	
101	DEN-1WLSS4-12-1W	QUEUE	
102	DEN-1WLSS4-13-1W	QUEUE	
103	DEN-1WLSS4-14-1W	QUEUE	
104	DEN-1WLSS4-15-1W	45 MERGE	
105	DEN-1WLSS4-HSD-1W	HSD	
106	DEN-1WLSS5-01-1W	45 MERGE	
107	DEN-1WLSS5-02-1W	TRANSNRM	45
108	DEN-1WLSS5-03-1W	QUEUE	
109	DEN-1WLSS5-04-1W	QUEUE	
110	DEN-1WLSS5-05-1W	QUEUE	
111	DEN-1WLSS5-06-1W	QUEUE	
112	DEN-1WLSS5-07-1W	QUEUE	
113	DEN-1WLSS5-08-1W	QUEUE	
114	DEN-1WLSS5-09-1W	TRANSNRM	45
115	DEN-1WLSS5-10-1W	TRANSNRM	45
116	DEN-1WLSS5-11-1W	TRANSPRT	
117	DEN-1WLSS5-12-1W	QUEUE	
118	DEN-1WLSS5-13-1W	QUEUE	
119	DEN-1WLSS5-14-1W	QUEUE	
120	DEN-1WLSS5-15-1W	45 MERGE	
121	DEN-1WLSS5-HSD-1W	HSD	
122	DEN-1WML1-01-1W	TRANSPRT	
123	DEN-1WML1-02-1W	TRANSNRM	90
124	DEN-1WML1-03-1W	TRANSPRT	
125	DEN-1WML1-04-1W	TRANSPRT	
126	DEN-1WML1-05-1W	TRANSPRT	
127	DEN-1WML1-06-1W	TRANSNRM	90
128	DEN-1WML1-07-1W	TRANSPRT	
129	DEN-1WML1-08-1W	TRANSPRT	
130	DEN-1WML1-09-1W	TRANSNRM	90
131	DEN-1WML1-10-1W	TRANSNRM	90
132	DEN-1WML1-11-1W	TRANSPRT	
133	DEN-1WML1-13-1W	TRANSPRT	
134	DEN-1WML1-14-1W	TRANSNRM	90
135	DEN-1WML1-15-1W	TRANSPRT	
136	DEN-1WML1-16-1W	TRANSPRT	
137	DEN-1WML1-17-1W	TRANSNRM	90
138	DEN-1WML1-18-1W	TRANSPRT	
139	DEN-1WML1-HSD-1W	HSD	

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140	DEN-1WRC-01-1W	TRANSPRT	
141	DEN-1WRC-02-1W	TRANSPRT	
142	DEN-1WRC-03-1W	TRANSNRM	90
143	DEN-1WRC-04-1W	TRANSNRM	90
144	DEN-1WRC-05-1W	TRANSPRT	
145	DEN-1WRC-06-1W	QUEUE	
146	DEN-1WRC-07-1W	QUEUE	
147	DEN-1WRC-08-1W	TRANSNRM	45
148	DEN-1WRC-09-1W	QUEUE	
149	DEN-1WRC-10-1W	45 MERGE	
150	DEN-1WT13-01-1W	TRANSPRT	
151	DEN-1WT13-02-1W	TRANSPRT	
152	DEN-1WT13-03-1W	PORTEC	90
153	DEN-1WT13-04-1W	TRANSPRT	
154	DEN-1WT13-04DR-1W	DOOR	
155	DEN-1WT13-05-1W	PORTEC	45
156	DEN-1WT13-06-1W	TRANSPRT	
157	DEN-1WT13-07-1W	PORTEC	45
158	DEN-1WT13-08-1W	TRANSPRT	
159	DEN-1WT13-09-1W	PORTEC	90
160	DEN-1WT13-10-1W	TRANSPRT	
161	DEN-1WT13-10A-1W	TRANSPRT	
162	DEN-1WT13-11-1W	TRANSPRT	
163	DEN-1WT13-12-1W	TRANSPRT	
164	DEN-1WT13-13-1W	PORTEC	90
165	DEN-1WUC1-08-1W	45 MERGE	
166	DEN-1WUC1-HSD-1W	HSD	
167	DEN-1WUSS1-01-1W	TRANSPRT	
168	DEN-1WUSS1-02-1W	TRANSPRT	
169	DEN-1WUSS1-03-1W	TRANSPRT	
170	DEN-1WUSS1-04-1W	TRANSNRM	45
171	DEN-1WUSS1-05-1W	TRANSPRT	
172	DEN-1WUSS1-06-1W	TRANSNRM	45
173	DEN-1WUSS1-07-1W	TRANSPRT	
174	DEN-1WUSS1-08-1W	TRANSNRM	90
175	DEN-1WUSS1-09-1W	TRANSPRT	
176	DEN-1WUSS1-10-1W	TRANSPRT	
177	DEN-1WUSS1-11-1W	TRANSNRM	45
178	DEN-1WUSS1-12-1W	TRANSPRT	
179	DEN-1WUSS1-13-1W	QUEUE	
180	DEN-1WUSS1-14-1W	TRANSNRM	45
181	DEN-1WUSS1-15-1W	TRANSPRT	
182	DEN-1WUSS1-16-1W	TRANSNRM	90
183	DEN-1WUSS1-17-1W	TRANSPRT	
184	DEN-1WUSS2-01-1W	QUEUE	
185	DEN-1WUSS2-02-1W	TRANSPRT	
186	DEN-1WUSS2-03-1W	QUEUE	

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187	DEN-1WUSS2-04-1W	QUEUE	
188	DEN-1WUSS2-05-1W	QUEUE	
189	DEN-1WUSS2-06-1W	QUEUE	
190	DEN-1WUSS2-07-1W	QUEUE	
191	DEN-1WUSS2-08-1W	QUEUE	
192	DEN-1WUSS2-08A-1W	QUEUE	
193	DEN-1WUSS2-08B-1W	QUEUE	
194	DEN-1WUSS2-08C-1W	QUEUE	
195	DEN-1WUSS2-08D-1W	QUEUE	
196	DEN-1WUSS2-09-1W	TRANSPRT	
197	DEN-1WUSS2-10-1W	QUEUE	
198	DEN-1WUSS2-11-1W	QUEUE	
199	DEN-1WUSS2-12-1W	QUEUE	
200	DEN-1WUSS2-13-1W	QUEUE	
201	DEN-1WUSS2-14-1W	45 MERGE	
202	DEN-1WUSS2-HSD-1W	HSD	
203	DEN-1WUSS3-01-1W	QUEUE	
204	DEN-1WUSS3-02-1W	TRANSPRT	
205	DEN-1WUSS3-03-1W	QUEUE	
206	DEN-1WUSS3-04-1W	QUEUE	
207	DEN-1WUSS3-05-1W	QUEUE	
208	DEN-1WUSS3-06-1W	QUEUE	
209	DEN-1WUSS3-07-1W	QUEUE	
210	DEN-1WUSS3-08-1W	QUEUE	
211	DEN-1WUSS3-09-1W	QUEUE	
212	DEN-1WUSS3-10-1W	QUEUE	
213	DEN-1WUSS3-11-1W	QUEUE	
214	DEN-1WUSS3-12-1W	TRANSPRT	
215	DEN-1WUSS3-13-1W	QUEUE	
216	DEN-1WUSS3-14-1W	QUEUE	
217	DEN-1WUSS3-15-1W	QUEUE	
218	DEN-1WUSS3-16-1W	45 MERGE	
219	DEN-1WUSS3-HSD-1W	HSD	
220	DEN-1WUSS4-01-1W	QUEUE	
221	DEN-1WUSS4-02-1W	TRANSPRT	
222	DEN-1WUSS4-03-1W	QUEUE	
223	DEN-1WUSS4-04-1W	QUEUE	
224	DEN-1WUSS4-05-1W	QUEUE	
225	DEN-1WUSS4-06-1W	QUEUE	
226	DEN-1WUSS4-07-1W	QUEUE	
227	DEN-1WUSS4-08-1W	QUEUE	
228	DEN-1WUSS4-09-1W	TRANSPRT	
229	DEN-1WUSS4-10-1W	TRANSPRT	
230	DEN-1WUSS4-11-1W	TRANSNRM	45
231	DEN-1WUSS4-12-1W	TRANSNRM	45
232	DEN-1WUSS4-13-1W	QUEUE	
233	DEN-1WUSS4-14-1W	QUEUE	

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234	DEN-1WUSS4-15-1W	TRANSPRT	
235	DEN-1WUSS4-16-1W	QUEUE	
236	DEN-1WUSS4-17-1W	QUEUE	
237	DEN-1WUSS4-18-1W	QUEUE	
238	DEN-1WUSS4-19-1W	45 MERGE	
239	DEN-1WUSS4-HSD-1W	HSD	
240	DEN-1WUSS5-01-1W	QUEUE	
241	DEN-1WUSS5-02-1W	QUEUE	
242	DEN-1WUSS5-03-1W	QUEUE	
243	DEN-1WUSS5-04-1W	QUEUE	
244	DEN-1WUSS5-05-1W	QUEUE	
245	DEN-1WUSS5-06-1W	QUEUE	
246	DEN-1WUSS5-07-1W	QUEUE	
247	DEN-OS1WS-11-1W	TRANSPRT	
248	DEN-OS1WS-12-1W	TRANSPRT	
249	DEN-OS1WS-13-1W	TRANSPRT	
250	DEN-OS1WS-15-1W	TRANSPRT	
251	DEN-OS1WS-17-1W	TRANSPRT	
252	DEN-OS1WS-1W	TRANSPRT	
253	DEN-OS1WS-20-1W	TRANSPRT	
254	DEN-OS1WS-21-1W	TRANSPRT	
255	DEN-SL1WN-03-1W	LIFTS	
256	DEN-SL1WN-05-1W	LIFTS	
257	DEN-SL1WN-07-1W	LIFTS	
258	DEN-SL1WN-14-1W	LIFTS	
259	DEN-SL1WN-16-1W	LIFTS	
260	DEN-SL1WS-03-1W	LIFTS	
261	DEN-SL1WS-05-1W	LIFTS	
262	DEN-SL1WS-07-1W	LIFTS	
263	DEN-SL1WS-14-1W	LIFTS	
264	DEN-SL1WS-16-1W	LIFTS	
265	DEN-TO10-1W	LIFTS	
266	DEN-TO10-C-1W	LIFTS	
267	DEN-TO10-L5C-1W	TRANSPRT	
268	DEN-TO10-L5DR-1W	DOOR	
269	DEN-TO10-L6C-1W	TRANSPRT	
270	DEN-TO10-L6DR-1W	DOOR	
271	DEN-TO11-1W	LIFTS	
272	DEN-TO11-C-1W	LIFTS	
273	DEN-TO11-L5C-1W	TRANSPRT	
274	DEN-TO11-L5DR-1W	DOOR	
275	DEN-TO11-L6C-1W	TRANSPRT	
276	DEN-TO11-L6DR-1W	DOOR	
277	DEN-TO12-1W	LIFTS	
278	DEN-TO12-L5C1-1W	TRANSPRT	
279	DEN-TO12-L5C2-1W	TRANSPRT	
280	DEN-TO12-L5C3-1W	TRANSPRT	

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281	DEN-TO12-L5C4-1W	TRANSPRT	
282	DEN-TO12N-1W	LIFTS	
283	DEN-TO12N-C-1W	LIFTS	
284	DEN-TO12N-L5DR-1W	DOOR	
285	DEN-TO12S-1W	LIFTS	
286	DEN-TO12S-C-1W	LIFTS	
287	DEN-TO12S-L5DR-1W	DOOR	
288	DEN-SK6-1W	FLTPLATE	SKI
289	DEN-CLAIM-17-1W	SLOPEPLT	
290	DEN-CLAIM-18-1W	SLOPEPLT	
291	DEN-CLAIM-19-1W	SLOPEPLT	
292	DEN-1WC21-16-1W	TRANSPRT	
293	DEN-1WC21-17-1W	TRANSNRM	90
294	DEN-1WC21-18-1W	QUEUE	
295	DEN-1WC21-19-1W	TRANSNRM	45
296	DEN-1WC21-20-1W	TRANSNRM	45
297	DEN-1WC21-21-1W	QUEUE	
298	DEN-1WC21-22-1W	45 MERGE	
299	DEN-1WC22-01-1W	TRANSPRT	
300	DEN-1WC22-01DR-1W	DOOR	
301	DEN-1WC22-02-1W	TRANSPRT	
302	DEN-1WC22-03-1W	TRANSNRM	45
303	DEN-1WC22-04-1W	QUEUE	
304	DEN-1WC22-05-1W	TRANSPRT	
305	DEN-1WLSS1-01-1W	45 MERGE	
306	DEN-1WLSS1-02-1W	TRANSPRT	
307	DEN-1WLSS1-03-1W	TRANSNRM	45
308	DEN-1WLSS1-04-1W	TRANSPRT	
309	DEN-1WLSS1-05-1W	QUEUE	
310	DEN-1WLSS1-06-1W	QUEUE	
311	DEN-1WLSS1-07-1W	TRANSPRT	
312	DEN-1WLSS1-08-1W	QUEUE	
313	DEN-1WLSS1-09-1W	QUEUE	
314	DEN-1WLSS1-10-1W	QUEUE	
315	DEN-1WLSS1-11-1W	QUEUE	
316	DEN-1WLSS1-12-1W	QUEUE	
317	DEN-1WLSS1-13-1W	QUEUE	
318	DEN-1WLSS1-14-1W	QUEUE	
319	DEN-1WLSS1-15-1W	QUEUE	
320	DEN-1WLSS1-16-1W	QUEUE	
321	DEN-1WLSS1-17-1W	TRANSNRM	90
322	DEN-1WLSS1-18-1W	QUEUE	
323	DEN-1WLSS1-19-1W	TRANSPRT	
324	DEN-1WLSS1-20-1W	TRANSNRM	45
325	DEN-1WLSS1-21-1W	QUEUE	
326	DEN-1WLSS1-22-1W	TRANSNRM	45
327	DEN-1WLSS1-23-1W	TRANSPRT	

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328	DEN-1WLSS1-24-1W	TRANSPRT	
329	DEN-1WLSS1-25-1W	TRANSNRM	45
330	DEN-1WLSS1-26-1W	TRANSPRT	
331	DEN-1WLSS1-27-1W	QUEUE	
332	DEN-1WLSS1-28-1W	TRANSNRM	45
333	DEN-1WLSS1-29-1W	TRANSPRT	
334	DEN-1WLSS1-30-1W	TRANSPRT	
335	DEN-1WLSS1-31-1W	TRANSNRM	45
336	DEN-1WLSS1-32-1W	TRANSNRM	90 HELIX
337	DEN-1WLSS1-33-1W	TRANSNRM	90 HELIX
338	DEN-1WLSS1-34-1W	TRANSPRT	
339	DEN-1WLSS1-35-1W	TRANSPRT	
340	DEN-1WLSS1-36-1W	TRANSNRM	45
341	DEN-1WLSS1-37-1W	TRANSPRT	
342	DEN-1WLSS1-38-1W	TRANSNRM	45
343	DEN-1WLSS1-39-1W	TRANSPRT	
344	DEN-1WLSS1-40-1W	TRANSPRT	
345	DEN-1WLSS1-41-1W	TRANSNRM	90
346	DEN-1WLSS1-42-1W	TRANSPRT	
347	DEN-1WLSS1-43-1W	TRANSPRT	
348	DEN-1WLSS1-44-1W	TRANSPRT	
349	DEN-1WLSS1-HSD-1W	HSD	
350	DEN-1WLSS2-01-1W	45 MERGE	
351	DEN-1WLSS2-02-1W	TRANSNRM	45
352	DEN-1WLSS2-03-1W	TRANSPRT	
353	DEN-1WLSS2-04-1W	QUEUE	
354	DEN-1WLSS2-05-1W	QUEUE	
355	DEN-1WLSS2-06-1W	QUEUE	
356	DEN-1WLSS2-07-1W	QUEUE	
357	DEN-1WLSS2-08-1W	QUEUE	
358	DEN-1WLSS2-09-1W	QUEUE	
359	DEN-1WLSS2-10-1W	TRANSPRT	
360	DEN-1WLSS2-11-1W	QUEUE	
361	DEN-1WLSS2-12-1W	QUEUE	
362	DEN-1WLSS2-13-1W	QUEUE	
363	DEN-1WLSS2-14-1W	QUEUE	
364	DEN-1WLSS2-15-1W	45 MERGE	
365	DEN-1WLSS2-HSD-1W	HSD	
366	DEN-1WLSS3-01-1W	45 MERGE	
367	DEN-1WLSS3-02-1W	TRANSNRM	45
368	DEN-1WLSS3-03-1W	TRANSPRT	
369	DEN-1WLSS3-04-1W	QUEUE	
370	DEN-1WLSS3-05-1W	QUEUE	
371	DEN-1WLSS3-06-1W	QUEUE	
372	DEN-1WLSS3-07-1W	QUEUE	
373	DEN-1WLSS3-08-1W	QUEUE	
374	DEN-1WT13-14-1W	TRANSPRT	

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375	DEN-1WT13-15-1W	TRANSNRM	90
376	DEN-1WT13-16-1W	TRANSPRT	
377	DEN-1WT13-17-1W	TRANSNRM	90
378	DEN-1WT13-18-1W	TRANSNRM	90
379	DEN-1WT13-19-1W	TRANSPRT	
380	DEN-1WT13-20-1W	QUEUE	
381	DEN-1WT13-21-1W	QUEUE	
382	DEN-1WT13-22-1W	TRANSNRM	45
383	DEN-1WT13-23-1W	QUEUE	
384	DEN-1WT13-24-1W	45 MERGE	
385	DEN-1WT14-01-1W	TRANSPRT	
386	DEN-1WT14-02-1W	PORTEC	90
387	DEN-1WT14-03-1W	TRANSPRT	
388	DEN-1WT14-03DR-1W	DOOR	
389	DEN-1WT14-04-1W	TRANSPRT	
390	DEN-1WT14-05-1W	PORTEC	90
391	DEN-1WT14-06-1W	QUEUE	
392	DEN-1WT14-07-1W	PORTEC	45
393	DEN-1WT14-08-1W	PORTEC	45
394	DEN-1WT14-09-1W	45 MERGE	
395	DEN-1WT15-01-1W	TRANSPRT	
396	DEN-1WT15-02-1W	PORTEC	90
397	DEN-1WT15-03-1W	TRANSPRT	
398	DEN-1WT15-03DR-1W	DOOR	
399	DEN-1WT15-04-1W	TRANSPRT	
400	DEN-1WT15-05-1W	PORTEC	90
401	DEN-1WT15-06-1W	TRANSPRT	
402	DEN-1WT15-07-1W	PORTEC	90
403	DEN-1WT15-08-1W	QUEUE	
404	DEN-1WT15-09-1W	PORTEC	45
405	DEN-1WT15-10-1W	TRANSPRT	
406	DEN-1WT16-01-1W	TRANSPRT	
407	DEN-1WT16-02-1W	TRANSPRT	
408	DEN-1WT16-03-1W	PORTEC	90
409	DEN-1WT16-04-1W	TRANSPRT	
410	DEN-1WT16-04DR-1W	DOOR	
411	DEN-1WT16-05-1W	PORTEC	45
412	DEN-1WT16-06-1W	TRANSPRT	
413	DEN-1WT16-07-1W	PORTEC	45
414	DEN-1WT16-08-1W	TRANSPRT	
415	DEN-1WT16-09-1W	PORTEC	90
416	DEN-1WT16-10-1W	TRANSPRT	
417	DEN-1WT16-10A-1W	TRANSPRT	
418	DEN-1WT16-11-1W	TRANSPRT	
419	DEN-1WT16-12-1W	TRANSPRT	
420	DEN-1WT16-13-1W	PORTEC	90
421	DEN-1WT16-14-1W	QUEUE	

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422	DEN-1WT16-15-1W	TRANSNRM	90
423	DEN-1WT16-16-1W	TRANSPRT	
424	DEN-1WT16-17-1W	TRANSNRM	45
425	DEN-1WT16-18-1W	QUEUE	
426	DEN-1WT16-19-1W	QUEUE	
427	DEN-1WT16-20-1W	QUEUE	
428	DEN-1WT16-21-1W	QUEUE	
429	DEN-1WT16-22-1W	45 MERGE	
430	DEN-1WTSA-01-1W	QUEUE	
431	DEN-1WTSA-02-1W	TRANSPRT	
432	DEN-1WTSA-03-1W	TRANSNRM	90
433	DEN-1WTSA-04-1W	TRANSNRM	90
434	DEN-1WTSA-05-1W	TRANSPRT	
435	DEN-1WTSA-06-1W	TRANSNRM	90
436	DEN-1WTSA-07-1W	TRANSPRT	
437	DEN-1WTSA-08-1W	TRANSPRT	
438	DEN-1WTSA-09-1W	TRANSNRM	90
439	DEN-1WTSA-10-1W	TRANSNRM	90
440	DEN-1WTSA-11-1W	TRANSNRM	90
441	DEN-1WTSA-12-1W	QUEUE	
442	DEN-1WTSA-13-1W	TRANSNRM	90
443	DEN-1WTSA-14-1W	TRANSNRM	45
444	DEN-1WTSA-15-1W	TRANSNRM	45
445	DEN-1WTSA-16-1W	TRANSNRM	45
446	DEN-1WTSA-17-1W	TRANSNRM	45
447	DEN-1WTSA-18-1W	QUEUE	
448	DEN-1WTSA-19-1W	45 MERGE	
449	DEN-1WUC1-01-1W	TRANSPRT	
450	DEN-1WUC1-02-1W	TRANSNRM	90
451	DEN-1WUC1-03-1W	TRANSPRT	
452	DEN-1WUC1-04-1W	QUEUE	
453	DEN-1WUC1-05-1W	TRANSNRM	45
454	DEN-1WUC1-06-1W	QUEUE	
455	DEN-1WUC1-07-1W	QUEUE	
456	DEN-1WUSS5-07A-1W	TRANSPRT	
457	DEN-1WUSS5-07B-1W	QUEUE	
458	DEN-1WUSS5-07C-1W	QUEUE	
459	DEN-1WUSS5-08-1W	TRANSNRM	45
460	DEN-1WUSS5-09-1W	TRANSNRM	45
461	DEN-1WUSS5-10-1W	TRANSPRT	
462	DEN-1WUSS5-11-1W	QUEUE	
463	DEN-1WUSS5-12-1W	QUEUE	
464	DEN-1WUSS5-13-1W	QUEUE	
465	DEN-1WUSS5-14-1W	QUEUE	
466	DEN-1WUSS5-15-1W	45 MERGE	
467	DEN-1WUSS5-HSD-1W	HSD	
468	DEN-MU1WN-14-1W	TRANSPRT	

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469	DEN-MU1WN-15-1W	TRANSPRT	
470	DEN-MU1WN-16-1W	TRANSPRT	
471	DEN-MU1WN-17-1W	TRANSPRT	
472	DEN-MU1WN-17A-1W	QUEUE	
473	DEN-MU1WN-17B-1W	QUEUE	
474	DEN-MU1WN-17C-1W	QUEUE	
475	DEN-MU1WN-17D-1W	QUEUE	
476	DEN-MU1WN-18-1W	TRANSPRT	
477	DEN-MU1WN-19-1W	PORTEC	90
478	DEN-MU1WN-20-1W	TRANSPRT	
479	DEN-MU1WN-21-1W	TRANSPRT	
480	DEN-MU1WN-22-1W	PORTEC	45
481	DEN-MU1WN-22A-1W	TRANSPRT	
482	DEN-MU1WN-23-1W	PORTEC	45
483	DEN-MU1WN-24-1W	TRANSPRT	
484	DEN-MU1WN-25-1W	TRANSPRT	
485	DEN-MU1WN-26-HSD-1W	HSD	
486	DEN-MU1WN-27-1W	PORTEC	90
487	DEN-MU1WN-28-1W	TRANSPRT	
488	DEN-MU1WN-29-1W	TRANSPRT	
489	DEN-MU1WN-30-1W	PORTEC	90
490	DEN-MU1WN-31-1W	TRANSPRT	
491	DEN-MU1WN-32-1W	SLOPEPLT	
492	DEN-MU1WN-HSD-1W	HSD	
493	DEN-MU1WS-06-1W	TRANSPRT	
494	DEN-MU1WS-07-1W	TRANSPRT	
495	DEN-MU1WS-08-1W	TRANSNRM	45
496	DEN-MU1WS-09-1W	TRANSPRT	
497	DEN-MU1WS-10-1W	TRANSNRM	45
498	DEN-MU1WS-11-1W	QUEUE	
499	DEN-MU1WS-12-1W	QUEUE	
500	DEN-MU1WS-13-1W	QUEUE	
501	DEN-MU1WS-14-1W	QUEUE	
502	DEN-MU1WS-15-1W	TRANSPRT	
503	DEN-MU1WS-16-1W	PORTEC	90
504	DEN-MU1WS-17-1W	TRANSPRT	
505	DEN-MU1WS-18-1W	TRANSPRT	
506	DEN-MU1WS-19-1W	PORTEC	90 HELIX
507	DEN-MU1WS-20-1W	TRANSPRT	
508	DEN-MU1WS-21-1W	TRANSPRT	
509	DEN-MU1WS-22-1W	TRANSPRT	
510	DEN-MU1WS-23-HSD-1W	HSD	
511	DEN-MU1WS-24-1W	PORTEC	90
512	DEN-MU1WS-25-1W	TRANSPRT	
513	DEN-MU1WS-26-1W	PORTEC	90 HELIX
514	DEN-MU1WS-28-1W	SLOPEPLT	
515	DEN-MU1WS-HSD-1W	HSD	

DEN BHS Equipment Asset List

516	DEN-OS1WN-01-1W	TRANSPRT	
517	DEN-OS1WN-02-1W	TRANSPRT	
518	DEN-OS1WN-04-1W	TRANSPRT	
519	DEN-OS1WN-06-1W	TRANSPRT	
520	DEN-OS1WN-08-1W	TRANSPRT	
521	DEN-OS1WN-09-1W	TRANSPRT	
522	DEN-OS1WN-10-1W	TRANSPRT	
523	DEN-OS1WN-11-1W	TRANSPRT	
524	DEN-OS1WN-12-1W	TRANSPRT	
525	DEN-OS1WN-13-1W	TRANSPRT	
526	DEN-OS1WN-15-1W	TRANSPRT	
527	DEN-OS1WN-17-1W	TRANSPRT	
528	DEN-OS1WN-1W	TRANSPRT	
529	DEN-OS1WN-20-1W	TRANSPRT	
530	DEN-OS1WN-21-1W	TRANSPRT	
531	DEN-OS1WS-01-1W	TRANSPRT	
532	DEN-OS1WS-02-1W	TRANSPRT	
533	DEN-OS1WS-04-1W	TRANSPRT	
534	DEN-OS1WS-06-1W	TRANSPRT	
535	DEN-OS1WS-08-1W	TRANSPRT	
536	DEN-OS1WS-09-1W	TRANSPRT	
537	DEN-OS1WS-10-1W	TRANSPRT	
538	DEN-IB1W1-01-1W	TRANSPRT	
539	DEN-IB1W1-02-1W	TRANSPRT	
540	DEN-IB1W1-03-1W	TRANSPRT	
541	DEN-IB1W1-04-1W	PORTEC	90
542	DEN-IB1W1-05-1W	TRANSPRT	
543	DEN-IB1W1-06-1W	PORTEC	90
544	DEN-IB1W2-01-1W	TRANSPRT	
545	DEN-IB1W2-02-1W	TRANSPRT	
546	DEN-IB1W3-01-1W	TRANSPRT	
547	DEN-IB1W3-02-1W	TRANSPRT	
548	DEN-8WIB3A-04	TRANSPRT	
549	DEN-8WIB3A-05	TRANSNRM	90
550	DEN-8WIB3A-06	TRANSNRM	90
551	DEN-8WIB3A-07	TRANSPRT	
552	DEN-8WIB3A-08	TRANSPRT	
553	DEN-8WIB3A-09	TRANSNRM	90
554	DEN-8WIB3A-10	TRANSPRT	
555	DEN-8WIB3A-11	TRANSNRM	90
556	DEN-8WIB3A-12	TRANSPRT	
557	DEN-8WIB3A-13	TRANSPRT	
558	DEN-8WIB3A-14	TRANSNRM	90
559	DEN-8WIB3A-15	TRANSPRT	
560	DEN-8WIB2A-04	TRANSPRT	
561	DEN-8WIB2A-05	TRANSNRM	90
562	DEN-8WIB2A-06	TRANSNRM	90

DEN BHS Equipment Asset List

563	DEN-8WIB2A-07	TRANSPRT	
564	DEN-8WIB2A-08	TRANSPRT	
565	DEN-8WIB2A-09	TRANSNRM	90
566	DEN-8WIB2A-10	TRANSNRM	90
567	DEN-8WIB2A-11	TRANSPRT	
568	DEN-8WIB2A-12	TRANSNRM	90
569	DEN-8WIB2A-11D/R	DOOR	
570	DEN-8WIB1A-04	TRANSPRT	
571	DEN-8WIB1A-05	TRANSNRM	90
572	DEN-8WIB1A-06	TRANSNRM	90
573	DEN-8WIB1A-07	TRANSPRT	
574	DEN-8WIB1A-08	TRANSPRT	
575	DEN-8WIB1A-09	TRANSNRM	90
576	DEN-8WIB1A-10	TRANSNRM	90
577	DEN-8WIB1A-11	TRANSPRT	
578	DEN-8WIB1A-12	TRANSPRT	
579	DEN-8WIB1A-11 D/R	DOOR	
580	DEN-1WUTL1-01	TRANSPRT	
581	DEN-1WUTL1-02	TRANSNRM	45
582	DEN-1WUTL1-03	TRANSPRT	
583	DEN-1WUTL1-04	TRANSNRM	45
584	DEN-1WUTL1-05	TRANSPRT	
585	DEN-1WUTL1-06	QUEUE	
586	DEN-1WUTL1-07	QUEUE	
587	DEN-1WUTL1-08	TRANSNRM	45
588	DEN-1WUTL1-09	QUEUE	
589	DEN-1WUTL1-10	MERGE	

Mod 2 West

1	DEN-MCP-12W	MCP	
2	DEN-MCP-2W2	MCP	
3	DEN-MCP-14W2	MCP	
4	DEN-MCP-6W2	MCP	
5	DEN-MCP-13W2	MCP	
6	DEN-MCP-7W2	MCP	
7	DEN-MCP-20W2	MCP	
8	DEN-MCP-21W2	MCP	
9	DEN-MCP-24W2	MCP	
10	DEN-MCP-9W2	MCP	
11	DEN-MCP-22W2	MCP	
12	DEN-MCP-23W2	MCP	
13	DEN-MCP-11W2	MCP	
14	DEN-MCP-8W2	MCP	
15	DEN-MCP-10W2	MCP	
16	DEN-MCP-16W2	MCP	
17	DEN-MCP-18W2	MCP	
18	DEN-MCP-17W2	MCP	
19	DEN-MCP-19W2	MCP	
20	DEN-MCP-25W2	MCP	
21	DEN-MCP-26W2	MCP	
22	DEN-LCP-2W	MCP	
23	DEN-27W2	MCP	
24	DEN-28W2	MCP	
25	DEN-MCP-13	MCP	
26	DEN-MCP-14	MCP	
27	DEN-MCP-15	MCP	
28	DEN-2W1L-1	TRANSPRT	
29	DEN-2W1L-1A	QUEUE	
30	DEN-2W1L-1B	QUEUE	
31	DEN-2W1L-2	TRANSPRT	
32	DEN-2W1L-3	TRANSNRM	45
33	DEN-2W1L-4	QUEUE	
34	DEN-2W1L-5	QUEUE	
35	DEN-2W1L-6	QUEUE	
36	DEN-2W1L-7	45 MERGE	
37	DEN-2W1L1-01	TRANSPRT	
38	DEN-2W1L1-02	TRANSPRT	
39	DEN-2W1L1-03	QUEUE	
40	DEN-2W1L1-04	QUEUE	
41	DEN-2W1L1-05	TRANSNRM	45
42	DEN-2W1L1-06	QUEUE	
43	DEN-2W1L1-07	QUEUE	
44	DEN-2W1L1-07 ATR	ATR/LSR	
45	DEN-2W1L1-08	QUEUE	

DEN BHS Equipment Asset List

46	DEN-2W1L1-09	TRANSNRM	45
47	DEN-2W1L1-10	QUEUE	
48	DEN-2W1L1-11	QUEUE	
49	DEN-2W1L1-12	QUEUE	
50	DEN-2W1L1-13	QUEUE	
51	DEN-2W1L1-14	TRANSNRM	45
52	DEN-2W1L1-15	45 MERGE	
53	DEN-2W1L2-07 ATR	ATR/LSR	
54	DEN-2W1L2-1	TRANSPRT	
55	DEN-2W1L2-10	QUEUE	
56	DEN-2W1L2-11	QUEUE	
57	DEN-2W1L2-12	QUEUE	
58	DEN-2W1L2-13	QUEUE	
59	DEN-2W1L2-14	TRANSNRM	45
60	DEN-2W1L2-15	45 MERGE	
61	DEN-2W1L2-2	TRANSPRT	
62	DEN-2W1L2-3	QUEUE	
63	DEN-2W1L2-4	QUEUE	
64	DEN-2W1L2-5	TRANSNRM	45
65	DEN-2W1L2-6	QUEUE	
66	DEN-2W1L2-7	QUEUE	
67	DEN-2W1L2-8	QUEUE	
68	DEN-2W1L2-9	TRANSNRM	45
69	DEN-2W1L3-1	TRANSPRT	
70	DEN-2W1L3-10	QUEUE	
71	DEN-2W1L3-11	QUEUE	
72	DEN-2W1L3-12	QUEUE	
73	DEN-2W1L3-13	QUEUE	
74	DEN-2WBP-1	TRANSPRT	
75	DEN-2WBP-2	TRANSNRM	45
76	DEN-2WBP-3	QUEUE	
77	DEN-2WBP-4	QUEUE	
78	DEN-2WBP-5	RMERGE	
79	DEN-2WBP1-1	TRANSPRT	
80	DEN-2WBP1-2	TRANSNRM	90
81	DEN-2WBP1-3	TRANSNRM	90
82	DEN-2WBP1-4	TRANSPRT	
83	DEN-2WBP1-5	TRANSNRM	45
84	DEN-2WBP1-6	QUEUE	
85	DEN-2WBP1-7	QUEUE	
86	DEN-2WBP1-8	QUEUE	
87	DEN-2WBP1-9	45 MERGE	
88	DEN-2WCX-01	TRANSPRT	
89	DEN-2WCX-02	TRANSPRT	
90	DEN-2WCX-03	QUEUE	
91	DEN-2WCX-04	QUEUE	
92	DEN-2WCX-05	TRANSNRM	45

DEN BHS Equipment Asset List

93	DEN-2WCX-06	45 MERGE	
94	DEN-2WML-1	45 MERGE	
95	DEN-2WML-10	QUEUE	
96	DEN-2WML-11	TRANSPRT	
97	DEN-2WML-12	TRANSNRM	45
98	DEN-2WML-13	TRANSPRT	
99	DEN-2WML-14	TRANSNRM	45
100	DEN-2WML-15	TRANSPRT	
101	DEN-2WML-15 ATR	ATR/LSR	
102	DEN-2WML-16	TRANSPRT	
103	DEN-2WML-17	TRANSPRT	
104	DEN-2WML-18	TRANSPRT	
105	DEN-2WML-2	TRANSNRM	
106	DEN-TO15-01	LIFTS	
107	DEN-TO15-02	LIFTS	
108	DEN-TO15-03	LIFTS	
109	DEN-TO15-04	LIFTS	
110	DEN-TO15-05	LIFTS	
111	DEN-TO15-06	LIFTS	
112	DEN-TO15-07	LIFTS	
113	DEN-TO15-08	LIFTS	
114	DEN-TO15-09	LIFTS	
115	DEN-TO15-45	LIFTS	
116	DEN-TO15-46	LIFTS	
117	DEN-TO15-47	LIFTS	
118	DEN-TO15-48	LIFTS	
119	DEN-TO15-49	LIFTS	
120	DENTO15-N-LIFT	LIFTS	
121	DEN-TO15-S-LIFT	LIFTS	
122	DEN-2WML-3	TRANSPRT	
123	DEN-2WML-4	TRANSPRT	
124	DEN-2WML-5	TRANSNRM	45
125	DEN-2WML-6	TRANSPRT	
126	DEN-2WML-7	TRANSPRT	
127	DEN-2WML-8	TRANSPRT	
128	DEN-2WML-9	TRANSPRT	
129	DEN-2WRC3-1	TRANSPRT	
130	DEN-2WRC3-2	TRANSPRT	
131	DEN-2WRC3-3	TRANSPRT	
132	DEN-2WRC3-4	TRANSPRT	
133	DEN-2WRC3-5	TRANSPRT	
134	DEN-2WRC3-6	TRANSPRT	
135	DEN-2WRC3-7	TRANSPRT	
136	DEN-2WSL1-1	45 MERGE	
137	DEN-2WSL1-10	QUEUE	
138	DEN-2WSL1-11	QUEUE	
139	DEN-2WSL1-12	QUEUE	

DEN BHS Equipment Asset List

140	DEN-2WSL1-13	TRANSNRM	45
141	DEN-2WSL1-14	TRANSNRM	45
142	DEN-2WSL1-15	TRANSPRT	
143	DEN-2WSL1-15 ATR	ATR/LSR	
144	DEN-2WSL1-16	TRANSPRT	
145	DEN-2WSL1-17	TRANSPRT	
146	DEN-2WSL1-18	TRANSPRT	
147	DEN-2WSL1-19	TRANSPRT	
148	DEN-2WSL1-2	TRANSPRT	90
149	DEN-2WSL1-20	TRANSNRM	
150	DEN-2WSL1-21	TRANSPRT	
151	DEN-2WSL1-22	TRANSPRT	
152	DEN-2WSL1-23	TRANSNRM	90
153	DEN-2WSL1-24	TRANSPRT	
154	DEN-2WSL1-25	TRANSPRT	
155	DEN-2WSL1-26	TRANSPRT	
156	DEN-2WSL1-27	TRANSPRT	
157	DEN-2WSL1-28	TRANSPRT	
158	DEN-2WSL1-29	TRANSPRT	
159	DEN-2WSL1-3	TRANSPRT	
160	DEN-2WSL1-3 ATR	ATR/LSR	
161	DEN-2WSL1-30	TRANSNRM	
162	DEN-2WSL1-31	QUEUE	
163	DEN-2WSL1-32	QUEUE	45
164	DEN-2WSL1-33	TRANSPRT	45
165	DEN-2WSL1-34	TRANSPRT	
166	DEN-2WSL1-35	TRANSPRT	
167	DEN-2WSL1-36	TRANSPRT	
168	DEN-2WSL1-37	TRANSPRT	
169	DEN-2WSL1-38	TRANSPRT	
170	DEN-2WSL1-39	TRANSPRT	
171	DEN-2WSL1-40	TRANSPRT	
172	DEN-2WSL1-341	TRANSPRT	
173	DEN-2WSL1-42	TRANSPRT	
174	DEN-2WSL1-43	TRANSPRT	
175	DEN-2WSL1-44	TRANSPRT	
176	DEN-2WSL1-4	TRANSPRT	
177	DEN-2WSL1-5	TRANSPRT	
178	DEN-2WSL1-6	TRANSNRM	45
179	DEN-2WSL1-7	TRANSPRT	
180	DEN-2WSL1-8	TRANSNRM	45
181	DEN-2WSL1-9	TRANSPRT	
182	DEN-2WTSA-1	QUEUE	
183	DEN-2WTSA-2	TRANSPRT	
184	DEN-2WTSA-3	TRANSNRM	45
185	DEN-2WTSA-4	TRANSPRT	
186	DEN-2WTSA-5	TRANSNRM	45

DEN BHS Equipment Asset List

187	DEN-2WX-01	RMERGE	
188	DEN-2WX-02	TRANSNRM	45
189	DEN-2WX-03	TRANSPRT	
190	DEN-2WX-04	QUEUE	
191	DEN-2WX-05	QUEUE	
192	DEN-2WX-06	QUEUE	
193	DEN-2WX-07	TRANSNRM	45
194	DEN-2WX-08	TRANSNRM	
195	DEN-2WX-09	45 MERGE	
196	DEN-BCF1-01	TRANSPRT	
197	DEN-BCF1-02	TRANSPRT	
198	DEN-BCF1-03	PORTEC	
199	DEN-BCF1-04	TRANSPRT	
200	DEN-BCF1-05	PORTEC	90
201	DEN-BCF1-06	PORTEC	90
202	DEN-BCF2-1	INBOUND	
203	DEN-BCF2-2	INBOUND	
204	DEN-BCF3-01	TRANSPRT	
205	DEN-BCF3-02	TRANSPRT	
206	DEN-BCF3-03	TRANSPRT	
207	DEN-HSD-2WML	HSD	
208	DEN-HSD-2WOS1	HSD	
209	DEN-HSD-2WOS2	HSD	
210	DEN-HSD-2WRC	HSD	
211	DEN-HSD-2WRC1	HSD	
212	DEN-HSD-2WRC2	HSD	
213	DEN-HSD-2WS	HSD	
214	DEN-HSD-2WSL1	HSD	
215	DEN-HSD-2WX	HSD	
216	DEN-HSD-TC3	HSD	
217	DEN-HSD-TC4	HSD	
218	DEN-HSD-TUA	HSD	
219	DEN-HSD-XC23	HSD	
220	DEN-HSD-XC32	HSD	
221	DEN-TC3-01	TC/CS	
222	DEN-TC3-02	TC/CS	
223	DEN-TC3-03	QUEUE	
224	DEN-TC3-04	TRANSPRT	
225	DEN-TC3-10	TRANSNRM	90
226	DEN-TC3-11	TRANSPRT	
227	DEN-TC3-12	QUEUE	
228	DEN-TC3-13	QUEUE	
229	DEN-TC3-14	QUEUE	
230	DEN-TC3-15	TRANSPRT	
231	DEN-TC3-16	TRANSPRT	
232	DEN-TC3-17	TRANSPRT	
233	DEN-TC3-18	TRANSNRM	90

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234	DEN-TC3-19	TRANSPRT	
235	DEN-TC3-20	TRANSNRM	90
236	DEN-TC3-21	TRANSPRT	
237	DEN-TC3-22	TRANSNRM	45
238	DEN-TC3-23	TRANSPRT	
239	DEN-TC3-24	TRANSNRM	45
240	DEN-TC3-25	TRANSPRT	
241	DEN-TC3-26	TRANSPRT	
242	DEN-TC3-27	TRANSPRT	
243	DEN-TC3-28	TRANSNRM	90
244	DEN-TC3-29	TRANSPRT	
245	DEN-TC3-30	TRANSPRT	
246	DEN-TC3-31	TRANSNRM	90
247	DEN-TC3-32	TRANSPRT	
248	DEN-TC3-33	TRANSNRM	60
249	DEN-TC3-34	TRANSNRM	60
250	DEN-TC3-35	TRANSNRM	60
251	DEN-TC3-36	TRANSPRT	
252	DEN-TC3-37	TRANSNRM	90
253	DEN-TC3-38	TRANSPRT	
254	DEN-TC3-39	TRANSNRM	90
255	DEN-TC3-40	TRANSPRT	
256	DEN-TC3-41	QUEUE	
257	DEN-TC3-42	QUEUE	
258	DEN-TC3-43	QUEUE	
259	DEN-TC3-44	QUEUE	
260	DEN-TC3-45	TRANSPRT	
261	DEN-TC3-46	TRANSNRM	90
262	DEN-TC3-46A	QUEUE	
263	DEN-TC3-47	TRANSPRT	
264	DEN-TC3-48	TRANSPRT	
265	DEN-TC3-49	TRANSPRT	
266	DEN-TC3-5	TRANSNRM	90
267	DEN-TC3-50	TRANSNRM	
268	DEN-TC3-51	TRANSPRT	
269	DEN-TC3-6	TRANSPRT	
270	DEN-TC3-7	TRANSNRM	90
271	DEN-TC3-8	TRANSNRM	90
272	DEN-TC3-9	TRANSPRT	
273	DEN-TC4-01	TRANSPRT	
274	DEN-TC4-02	TRANSPRT	
275	DEN-TC4-03	QUEUE	
276	DEN-TC4-04	TRANSPRT	
277	DEN-TC4-05	TRANSNRM	90
278	DEN-TC4-06	TRANSPRT	
279	DEN-TC4-07	TRANSNRM	90
280	DEN-TC4-08	TRANSNRM	90

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281	DEN-TC4-09	TRANSPRT	
282	DEN-TC4-10	QUEUE	
283	DEN-TC4-11	TRANSNRM	45
284	DEN-TC4-12	TRANSNRM	45
285	DEN-TC4-13	TRANSPRT	
286	DEN-TC4-14	TRANSPRT	
287	DEN-2W1L3-14	TRANSNRM	45
288	DEN-2W1L3-15	45 MERGE	
289	DEN-2W1L3-2	TRANSPRT	
290	DEN-2W1L3-3	QUEUE	
291	DEN-2W1L3-4	QUEUE	
292	DEN-2W1L3-5	TRANSNRM	45
293	DEN-2W1L3-6	QUEUE	
294	DEN-2W1L3-7	QUEUE	
295	DEN-2W1L3-7 ATR	ATR/LSR	
296	DEN-2W1L3-8	QUEUE	
297	DEN-2W1L3-9	TRANSNRM	45
298	DEN-2W1L3-HSD	HSD	
299	DEN-2W1L4-1	TRANSPRT	
300	DEN-2W1L4-10	QUEUE	
301	DEN-2W1L4-11	QUEUE	
302	DEN-2W1L4-12	QUEUE	
303	DEN-2W1L4-13	QUEUE	
304	DEN-2W1L4-14	TRANSNRM	45
305	DEN-2W1L4-15	45 MERGE	
306	DEN-2W1L4-2	TRANSPRT	
307	DEN-2W1L4-3	QUEUE	
308	DEN-2W1L4-4	QUEUE	
309	DEN-2W1L4-5	QUEUE	
310	DEN-2W1L4-6	QUEUE	
311	DEN-2W1L4-7	QUEUE	
312	DEN-2W1L4-7 ATR	ATR/LSR	
313	DEN-2W1L4-8	QUEUE	
314	DEN-2W1L4-9	QUEUE	
315	DEN-2W2L-1	TRANSPRT	
316	DEN-2W2L-2	QUEUE	
317	DEN-2W2L-3	TRANSNRM	45
318	DEN-2W2L-4	QUEUE	
319	DEN-2W2L-5	QUEUE	
320	DEN-2W2L-6	45 MERGE	
321	DEN-2W2L1-1	45 MERGE	
322	DEN-2W2L1-10	QUEUE	
323	DEN-2W2L1-11	TRANSNRM	45
324	DEN-2W2L1-12	45 MERGE	
325	DEN-2W2L1-2	TRANSPRT	
326	DEN-2W2L1-3	TRANSNRM	45
327	DEN-2W2L1-4	TRANSNRM	45

DEN BHS Equipment Asset List

328	DEN-2W2L1-5	QUEUE	
329	DEN-2W2L1-6	QUEUE	
330	DEN-2W2L1-7	QUEUE	
331	DEN-2W2L1-8	QUEUE	
332	DEN-2W2L1-9	QUEUE	
333	DEN-2W2L2-1	45 MERGE	
334	DEN-2W2L2-10	QUEUE	
335	DEN-2W2L2-11	TRANSNRM	45
336	DEN-2W2L2-12	45 MERGE	
337	DEN-2W2L2-2	TRANSPRT	
338	DEN-2W2L2-3	QUEUE	
339	DEN-2W2L2-4	QUEUE	
340	DEN-2W2L2-5	QUEUE	
341	DEN-2W2L2-6	QUEUE	
342	DEN-2W2L2-7	QUEUE	
343	DEN-2W2L2-8	QUEUE	
344	DEN-2W2L2-9	QUEUE	
345	DEN-2W2L3-1	45 MERGE	
346	DEN-2W2L3-10	QUEUE	
347	DEN-2W2L3-11	TRANSNRM	45
348	DEN-2W2L3-12	45 MERGE	
349	DEN-2W2L3-2	TRANSPRT	
350	DEN-2W2L3-3	QUEUE	
351	DEN-2W2L3-4	QUEUE	
352	DEN-2W2L3-5	QUEUE	
353	DEN-2W2L3-6	QUEUE	
354	DEN-2W2L3-7	QUEUE	
355	DEN-2W2L3-8	QUEUE	
356	DEN-2W2L3-9	QUEUE	
357	DEN-2W2L4-1	45 MERGE	
358	DEN-2W2L4-10	TRANSNRM	45
359	DEN-2W2L4-11	QUEUE	
360	DEN-2W2L4-12	45 MERGE	
361	DEN-2W2L4-2	TRANSPRT	
362	DEN-2W2L4-3	TRANSNRM	45
363	DEN-2W2L4-4	TRANSNRM	45
364	DEN-2W2L4-5	QUEUE	
365	DEN-2W2L4-6	QUEUE	
366	DEN-2W2L4-7	QUEUE	
367	DEN-2W2L4-8	QUEUE	
368	DEN-2W2L4-9	QUEUE	
369	DEN-2WML-6	TRANSPRT	
370	DEN-2WML-7	QUEUE	
371	DEN-2WML-8	QUEUE	
372	DEN-2WML-9	QUEUE	
373	DEN-2WOS1-1	QUEUE	
374	DEN-2WOS1-2	TRANSPRT	

DEN BHS Equipment Asset List

375	DEN-2WOS2-1	QUEUE	
376	DEN-2WOS2-2	TRANSPRT	
377	DEN-2WOS3-1	TRANSPRT	
378	DEN-2WOS3-12	TRANSNRM	90
379	DEN-2WOS3-13	TRANSPRT	
380	DEN-2WOS3-14	TRANSNRM	90
381	DEN-2WOS3-15	TRANSPRT	
382	DEN-2WOS3-16	TRANSNRM	90
383	DEN-2WOS3-17	TRANSPRT	
384	DEN-2WOS3-18	TRANSNRM	90
385	DEN-2WOS3-19	TRANSPRT	
386	DEN-2WOS3-2	TRANSPRT	
387	DEN-2WOS3-20	TRANSPRT	
388	DEN-2WOS3-21	TRANSPRT	
389	DEN-2WOS3-22	TRANSNRM	90
390	DEN-2WOS3-23	TRANSNRM	90
391	DEN-2WOS3-24	TRANSNRM	90
392	DEN-2WOS3-25	TRANSNRM	90
393	DEN-2WOS3-26	TRANSPRT	
394	DEN-2WOS3-27	TRANSPRT	
395	DEN-2WOS3-28	TRANSNRM	90
396	DEN-2WOS3-29	TRANSPRT	
397	DEN-2WOS3-3	45 MERGE	
398	DEN-2WOS3-30	TRANSNRM	90
399	DEN-2WOS3-31	QUEUE	
400	DEN-2WOS3-32	QUEUE	
401	DEN-2WOS3-33	TRANSNRM	90
402	DEN-2WOS3-34	45 MERGE	
403	DEN-2WOS3-4	TRANSNRM	90
404	DEN-2WOS3-5	TRANSNRM	90
405	DEN-2WOS3-6	QUEUE	
406	DEN-2WOS3-7	TRANSNRM	
407	DEN-2WOS3-8	TRANSPRT	
408	DEN-2WOS3-9	TRANSPRT	
409	DEN-2WOS4-1	TRANSPRT	
410	DEN-2WOS4-2	TRANSPRT	
411	DEN-2WOS4-3	TRANSPRT	
412	DEN-2WOS4-4	TRANSPRT	
413	DEN-2WOS4-5	QUEUE	
414	DEN-2WOS4-6	TRANSNRM	90
415	DEN-2WOS4-7	QUEUE	
416	DEN-2WOS4-8	45 MERGE	
417	DEN-2WOSRC-	TRANSPRT	
418	DEN-2WOSRC-1	TRANSPRT	
419	DEN-2WOSRC-10	TRANSNRM	90
420	DEN-2WOSRC-11	TRANSPRT	
421	DEN-2WOSRC-12	TRANSPRT	

DEN BHS Equipment Asset List

422	DEN-2WOSRC-13	OUTBOUND	
423	DEN-2WOSRC-14	OUTBOUND	
424	DEN-2WOSRC-2	TRANSPRT	
425	DEN-2WOSRC-3	TRANSPRT	
426	DEN-2WOSRC-4	TRANSPRT	
427	DEN-2WOSRC-5	TRANSNRM	45
428	DEN-2WOSRC-6	TRANSNRM	45
429	DEN-2WOSRC-7	TRANSPRT	
430	DEN-2WOSRC-8	TRANSNRM	45
431	DEN-2WOSRC-9	TRANSPRT	
432	DEN-2WRC1-1	45 MERGE	
433	DEN-2WRC1-2	TRANSNRM	45
434	DEN-2WRC1-3	TRANSPRT	
435	DEN-2WRC1-4	TRANSPRT	
436	DEN-2WRC1-5	QUEUE	
437	DEN-2WRC1-6	QUEUE	
438	DEN-2WRC1-7	TRANSNRM	90
439	DEN-2WRC1-8	QUEUE	
440	DEN-2WRC1-9	45 MERGE	
441	DEN-2WRC2-1	OUTBOUND	
442	DEN-2WRC2-2	OUTBOUND	
443	DEN-2WRC2-3	OUTBOUND	
444	DEN-2WRC2-4	OUTBOUND	
445	DEN-2WRC2-5	OUTBOUND	
446	DEN-2WRC2-6	OUTBOUND	
447	DEN-2WRC2-7	OUTBOUND	
448	DEN-2WRC2-8	OUTBOUND	
449	DEN-2WRC2-9	OUTBOUND	
450	DEN-2WRC3-1	TRANSPRT	
451	DEN-BCF4-06	TRANSPRT	
452	DEN-BCF4-07	PORTEC	90
453	DEN-BCF4-08	TRANSPRT	
454	DEN-BCF4-09	PORTEC	
455	DEN-BCF5-01	TRANSPRT	
456	DEN-BCF5-02	TRANSPRT	
457	DEN-BCF5-03	TRANSPRT	
458	DEN-BCF5-04	PORTEC	90
459	DEN-BCF6-01	TRANSPRT	
460	DEN-BCF6-02	TRANSPRT	
461	DEN-BCF6-03	PORTEC	90
462	DEN-BCF6-04	TRANSPRT	
463	DEN-C13-01	TRANSPRT	
464	DEN-C13-02	PORTEC	90
465	DEN-C13-03	PORTEC	180 HELIX
466	DEN-C13-04	PORTEC	180 HELIX
467	DEN-C13-05	PORTEC	180 HELIX
468	DEN-C13-06	PORTEC	180 HELIX

DEN BHS Equipment Asset List

469	DEN-C13-07	PORTEC	180 HELIX
470	DEN-C13-08	PORTEC	180 HELIX
471	DEN-C13-09	TRANSPRT	
472	DEN-C13-09A	TRANSPRT	
473	DEN-C13-10	QUEUE	
474	DEN-C13-11	TRANSNRM	90
475	DEN-C13-12	TRANSPRT	
476	DEN-C13-13	TRANSNRM	45
477	DEN-C13-14	TRANSNRM	45
478	DEN-C13-15	TRANSNRM	45
479	DEN-C13-16	45 MERGE	
480	DEN-C14-01	TRANSPRT	
481	DEN-C14-02	PORTEC	180 HELIX
482	DEN-C14-03	PORTEC	180 HELIX
483	DEN-C14-04	PORTEC	180 HELIX
484	DEN-C14-05	PORTEC	180 HELIX
485	DEN-C14-06	PORTEC	180 HELIX
486	DEN-C14-07	PORTEC	180 HELIX
487	DEN-C14-08	PORTEC	180 HELIX
488	DEN-C14-09	TRANSPRT	
489	DEN-C14-09A	TRANSPRT	
490	DEN-C14-10	QUEUE	
491	DEN-C14-11	QUEUE	
492	DEN-C14-12	QUEUE	
493	DEN-C14-13	45 MERGE	
494	DEN-C15-01	TRANSPRT	
495	DEN-C15-02	TRANSPRT	
496	DEN-C15-03	TRANSNRM	45
497	DEN-C15-04	TRANSPRT	
498	DEN-C15-05	QUEUE	
499	DEN-C15-06	QUEUE	
500	DEN-C15-07	45 MERGE	
501	DEN-DR/2WOS	OUTBOUND	
502	DEN-DR/2WSO	DOOR	
503	DEN-DR/C13-02	DOOR	
504	DEN-DR/C14-02	DOOR	
505	DEN-DR/C15-01	DOOR	
506	DEN-DR/C16-	DOOR	
507	DEN-DR/C17-	DOOR	
508	DEN-DR/C18-	DOOR	
509	DEN-DR/OCS-	OUTBOUND	
510	DEN-DR/OCS2	DOOR	
511	DEN-DR/TC4-	DOOR	
512	DEN-FD/2WOS	DOOR	
513	DEN-FD/2WOS-10	DOOR	
514	DEN-FD/OCS2	DOOR	
515	DEN-FD/TC3-	DOOR	

DEN BHS Equipment Asset List

516	DEN-HSD-2W1	HSD	
517	DEN-HSD-2W1L1	HSD	
518	DEN-HSD-2W1L2	HSD	
519	DEN-HSD-2W1L3	HSD	
520	DEN-HSD-2W1L4	HSD	
521	DEN-HSD-2W2	HSD	
522	DEN-HSD-2W2L	HSD	
523	DEN-HSD-2W2L1	HSD	
524	DEN-HSD-2W2L2	HSD	
525	DEN-HSD-2W2L3	HSD	
526	DEN-HSD-2W2L4	HSD	
527	DEN-HSD-2WBP	HSD	
528	DEN-HSD-2WBP1	HSD	
529	DEN-HSD-2WC	HSD	
530	DEN-HSD-2WCB1	HSD	
531	DEN-HSD-2WCB2	HSD	
532	DEN-HSD-2WCX	HSD	
533	DEN-TC4-15	TRANSNRM	90
534	DEN-TC4-16	TRANSPRT	
535	DEN-TC4-17	TRANSNRM	90
536	DEN-TC4-18	TRANSPRT	
537	DEN-TC4-19	PORTEC	90
538	DEN-TC4-20	TRANSPRT	
539	DEN-TC4-21	TRANSNRM	90
540	DEN-TC4-22	TRANSPRT	
541	DEN-TC4-23	PORTEC	90
542	DEN-TC4-24	PORTEC	90
543	DEN-TC4-25	TRANSNRM	45
544	DEN-TC4-26	TRANSNRM	45
545	DEN-TC4-27	TRANSPRT	
546	DEN-TC4-28	TRANSPRT	
547	DEN-TC4-29	TRANSNRM	90
548	DEN-TC4-30	TRANSPRT	
549	DEN-TC4-31	TRANSPRT	
550	DEN-TC4-32	PORTEC	
551	DEN-TC4-33	TRANSPRT	
552	DEN-TC4-34	TRANSPRT	
553	DEN-TC4-35	TRANSPRT	
554	DEN-TC4-36	TRANSNRM	90
555	DEN-TC4-37	TRANSPRT	
556	DEN-TC4-38	TRANSNRM	90
557	DEN-TC4-39	TRANSPRT	
558	DEN-TC4-40	QUEUE	
559	DEN-TC4-41	QUEUE	
560	DEN-TC4-42	QUEUE	
561	DEN-TC4-43	QUEUE	
562	DEN-TC4-44	TRANSNRM	45

DEN BHS Equipment Asset List

563	DEN-TC4-45	45 MERGE	
564	DEN-CLAIM-14-2W	SLOPEPLT	
565	DEN-CLAIM-15-2W	SLOPEPLT	
566	DEN-CLAIM-16-2W	SLOPEPLT	
567	DEN-MU2WS1	FLTPLATE	
568	DEN-MU2WS2	FLTPLATE	
569	DEN-MU2WS3	FLTPLATE	
570	DEN-11WIB1A-4	TRANSPRT	
571	DEN-11WIB1A-5	TRANSNRM	90
572	DEN-11WIB1A-6	TRANSNRM	
573	DEN-11WIB1A-7	TRANSPRT	
574	DEN-11WIB1A-8	TRANSPRT	
575	DEN-11WIB1A-9	TRANSNRM	90
576	DEN-11WIB1A-10	TRANSNRM	90
577	DEN-11WIB1A-11	TRANSPRT	
578	DEN-11WIB1A-12	TRANSNRM	90
579	DEN-11WIB2A-4	TRANSPRT	
580	DEN-11WIB2A-5	TRANSNRM	90
581	DEN-11WIB2A-6	TRANSNRM	90
582	DEN-11WIB2A-7	TRANSPRT	
583	DEN-11WIB2A-8	TRANSPRT	
584	DEN-11WIB2A-9	TRANSNRM	90
585	DEN-11WIB2A-10	TRANSNRM	
586	DEN-11WIB2A-11	TRANSPRT	
587	DEN-11WIB2A-12	TRANSNRM	90
588	DEN-11WIB3A-4	TRANSPRT	
589	DEN-11WIB3A-5	TRANSNRM	90
590	DEN-11WIB3A-6	TRANSNRM	90
591	DEN-11WIB3A-7	TRANSPRT	
592	DEN-11WIB3A-8	TRANSPRT	
593	DEN-11WIB3A-9	TRANSNRM	90
594	DEN-11WIB3A-10	TRANSPRT	
595	DEN-11WIB3A-11	TRANSNRM	90
596	DEN-11WIB3A-12	TRANSPRT	
597	DEN-11WIB3A-13	TRANSPRT	
598	DEN-11WIB3A-14	TRANSNRM	90
599	DEN-11WIB3A-15	QUEUE	
600	PETLIFT	LIFTS	
601	DEN-SK5-2W	FLTPLATE	

Mod 3 West

1	DEN-MCP-1W3	MCP	
2	DEN-MCP-2W3	MCP	
3	DEN-MCP-3W3	MCP	
4	DEN-MCP-4W3	MCP	
5	DEN-MCP-5W3	MCP	
6	DEN-MCP-6W3	MCP	
7	DEN-MCP-7W3	MCP	
8	DEN-MCP-8W3	MCP	
9	DEN-MCP-9W3	MCP	
10	DEN-MCP-10W3	MCP	
11	DEN-MCP-11W3	MCP	
12	DEN-MCP-12W3	MCP	
13	DEN-MCP-13W3	MCP	
14	DEN-MCP-14W3	MCP	
15	DEN-MCP-15W3	MCP	
16	DEN-MCP-16W3	MCP	
17	DEN-MCP-17W3	MCP	
18	DEN-MCP-18W3	MCP	
19	DEN-MCP-19W3	MCP	
20	DEN-MCP-20W3	MCP	
21	DEN-MCP-21W3	MCP	
22	DEN-MCP-22W3	MCP	
23	DEN-MCP-23W3	MCP	
24	DEN-MCP-24W3	MCP	
25	DEN-MCP-25W3	MCP	
26	DEN-MCP-26W3	MCP	
27	DEN-LCP-3W	MCP	
28	DEN-MCP-10	MCP	
29	DEN-MCP-11	MCP	
30	DEN-MCP-12	MCP	
31	DEN-3W1L-01	QUEUE	
32	DEN-3W1L-02	TRANSPRT	
33	DEN-3W1L-03	QUEUE	
34	DEN-3W1L-04	QUEUE	
35	DEN-3W1L-05	QUEUE	
36	DEN-3W1L-06	TRANSNRM	45
37	DEN-3W1L-07	QUEUE	
38	DEN-3W1L1-01	QUEUE	
39	DEN-3W1L1-02	TRANSPRT	
40	DEN-3W1L1-03	QUEUE	
41	DEN-3W1L1-04	QUEUE	
42	DEN-3W1L1-05	QUEUE	
43	DEN-3W1L1-06	45 MERGE	
44	DEN-3W1L1-07	TRANSNRM	45
45	DEN-3W1L1-08	QUEUE	

DEN BHS Equipment Asset List

46	DEN-3W1L1-08 ATR	ATR/LSR	
47	DEN-3W1L1-09	TRANSNRM	
48	DEN-3W1L1-10	QUEUE	
49	DEN-3W1L1-11	QUEUE	
50	DEN-3W1L1-12	QUEUE	
51	DEN-3W1L1-13	QUEUE	
52	DEN-3W1L1-14	TRANSNRM	45
53	DEN-3W1L1-15	45 MERGE	
54	DEN-3W1L2-01	QUEUE	
55	DEN-3W1L2-02	TRANSPRT	
56	DEN-3W1L2-03	QUEUE	
57	DEN-3W1L2-04	QUEUE	
58	DEN-3W1L2-05	TRANSNRM	45
59	DEN-3W1L2-06	QUEUE	
60	DEN-3W1L2-07	QUEUE	
61	DEN-3W1L2-08	QUEUE	
62	DEN-3W1L2-09	TRANSNRM	45
63	DEN-3W1L2-10	QUEUE	
64	DEN-3W1L2-11	QUEUE	
65	DEN-3W1L2-12	QUEUE	
66	DEN-3W1L2-13	QUEUE	
67	DEN-3W1L2-14	TRANSNRM	45
68	DEN-3W1L2-15	45 MERGE	
69	DEN-3W1L2-7 ATR	ATR/LSR	
70	DEN-3W1L3-01	QUEUE	
71	DEN-3W1L3-02	TRANSPRT	
72	DEN-3W1L3-03	TRANSNRM	45
73	DEN-3W1L3-04	QUEUE	
74	DEN-3W1L3-05	QUEUE	
75	DEN-3W1L3-06	QUEUE	
76	DEN-3W1L3-07	QUEUE	
77	DEN-3W1L3-08	QUEUE	
78	DEN-3W1L3-09	QUEUE	
79	DEN-3W1L3-10	TRANSNRM	45
80	DEN-3W1L3-11	QUEUE	
81	DEN-3W1L3-12	QUEUE	
82	DEN-3W1L3-13	QUEUE	
83	DEN-3W1L3-14	QUEUE	
84	DEN-3W1L3-15	TRANSNRM	45
85	DEN-3W1L3-16	45 MERGE	
86	DEN-3WBP1-04	QUEUE	
87	DEN-3WBP1-05	QUEUE	
88	DEN-3WBP1-06	TRANSNRM	45
89	DEN-3WBP1-07	QUEUE	
90	DEN-3WBP1-08	45 MERGE	
91	DEN-3WBP1-1A	TRANSPRT	
92	DEN-3WCX-1	TRANSPRT	

DEN BHS Equipment Asset List

93	DEN-3WCX-2	TRANSPRT	
94	DEN-3WCX-3	QUEUE	
95	DEN-3WCX-4	QUEUE	
96	DEN-3WCX-5	TRANSNRM	45
97	DEN-3WCX-6	45 MERGE	
98	DEN-3WCX-7	OUTBOUND	
99	DEN-3WCX-8	OUTBOUND	
100	DEN-3WML-01	45 MERGE	
101	DEN-3WML-02	TRANSNRM	45
102	DEN-3WML-03	TRANSPRT	
103	DEN-3WML-04	TRANSPRT	
104	DEN-3WML-05	TRANSNRM	90
105	DEN-3WML-06	TRANSPRT	
106	DEN-3WML-07	QUEUE	
107	DEN-3WML-08	QUEUE	
108	DEN-3WML-09	QUEUE	
109	DEN-3WML-10	QUEUE	
110	DEN-3WML-11	TRANSPRT	
111	DEN-3WML-12	TRANSNRM	45
112	DEN-3WML-13	TRANSPRT	
113	DEN-3WML-14	TRANSNRM	45
114	DEN-3WML-15	TRANSPRT	
115	DEN-3WML-15 ATR	ATR/LSR	
116	DEN-3WML-16	TRANSPRT	
117	DEN-3WML-17	TRANSPRT	
118	DEN-3WML-18	TRANSNRM	45
119	DEN-3WML-19	TRANSNRM	45
120	DEN-3WML-20	TRANSPRT	
121	DEN-3WX-10	QUEUE	
122	DEN-3WX-2	QUEUE	
123	DEN-3WX-3	QUEUE	
124	DEN-3WX-4	QUEUE	
125	DEN-3WX-5	QUEUE	
126	DEN-3WX-6	QUEUE	
127	DEN-3WX-7	QUEUE	
128	DEN-3WX-8	QUEUE	
129	DEN-3WX-9	TRANSNRM	45
130	DEN-BCF4-01	TRANSPRT	
131	DEN-BCF4-02	TRANSPRT	
132	DEN-BCF4-03	TRANSPRT	
133	DEN-BCF4-04	TRANSPRT	
134	DEN-BCF4-05	PORTEC	90
135	DEN-BCF4-06	TRANSPRT	
136	DEN-BCF4-07	PORTEC	90
137	DEN-BCF4-08	TRANSPRT	
138	DEN-BCF4-09	PORTEC	90
139	DEN-BCF5-01	TRANSPRT	

DEN BHS Equipment Asset List

140	DEN-BCF5-02	TRANSPRT	
141	DEN-BCF5-03	TRANSPRT	
142	DEN-BCF5-04	PORTEC	90
143	DEN-BCF6-01	TRANSPRT	
144	DEN-BCF6-02	TRANSPRT	
145	DEN-BCF6-03	PORTEC	90
146	DEN-BCF6-04	TRANSPRT	
147	DEN-C13-01	TRANSPRT	
148	DEN-C13-02	PORTEC	90
149	DEN-C13-03	PORTEC	180 HELIX
150	DEN-C13-04	PORTEC	180 HELIX
151	DEN-C13-05	PORTEC	180 HELIX
152	DEN-C13-06	PORTEC	180 HELIX
153	DEN-C13-07	PORTEC	180 HELIX
154	DEN-C13-08	PORTEC	180 HELIX
155	DEN-C13-09	TRANSPRT	
156	DEN-C13-09A	TRANSPRT	
157	DEN-C13-10	QUEUE	
158	DEN-C13-11	TRANSNRM	90
159	DEN-C13-12	TRANSPRT	
160	DEN-C13-13	TRANSNRM	45
161	DEN-C13-14	TRANSNRM	45
162	DEN-C13-15	TRANSNRM	45
163	DEN-C13-16	45 MERGE	
164	DEN-C14-01	TRANSPRT	
165	DEN-C14-02	PORTEC	90
166	DEN-C14-03	PORTEC	180 HELIX
167	DEN-C14-04	PORTEC	180 HELIX
168	DEN-C14-05	PORTEC	180 HELIX
169	DEN-C14-06	PORTEC	180 HELIX
170	DEN-C14-07	PORTEC	180 HELIX
171	DEN-C14-08	PORTEC	180 HELIX
172	DEN-C14-09	TRANSPRT	
173	DEN-C14-09A	TRANSPRT	
174	DEN-C14-10	QUEUE	
175	DEN-C14-11	QUEUE	
176	DEN-C14-12	QUEUE	
177	DEN-C14-13	45 MERGE	
178	DEN-C15-01	TRANSPRT	
179	DEN-C15-02	TRANSPRT	
180	DEN-C15-03	TRANSNRM	45
181	DEN-C15-04	TRANSPRT	
182	DEN-C15-05	QUEUE	
183	DEN-C15-06	QUEUE	
184	DEN-C15-07	45 MERGE	
185	DEN-CLAIM-10-3W	SLOPEPLT	
186	DEN-CLAIM-11-3W	SLOPEPLT	

DEN BHS Equipment Asset List

187	DEN-CLAIM-12-3W	SLOPEPLT	
188	DEN-HSD-3W1L1	HSD	
189	DEN-TC1-10	QUEUE	
190	DEN-TC1-11	TRANSNRM	45
191	DEN-TC1-12	TRANSNRM	45
192	DEN-TC1-13	TRANSPRT	
193	DEN-TC1-14	TRANSNRM	90
194	DEN-TC1-15	TRANSPRT	
195	DEN-TC1-16	TRANSNRM	90
196	DEN-TC1-17	TRANSPRT	
197	DEN-TC1-18	PORTEC	90
198	DEN-TC1-19	TRANSPRT	
199	DEN-TC1-20	TRANSNRM	90
200	DEN-TC1-21	TRANSPRT	
201	DEN-TC1-22	PORTEC	90
202	DEN-TC1-23	PORTEC	90
203	DEN-TC1-24	TRANSNRM	90
204	DEN-TC1-25	TRANSPRT	
205	DEN-TC1-26	TRANSNRM	45
206	DEN-TC1-27	TRANSPRT	
207	DEN-TC1-28	TRANSPRT	
208	DEN-TC1-29	TRANSPRT	
209	DEN-TC1-30	PORTEC	90
210	DEN-TC1-31	TRANSPRT	
211	DEN-TC1-32	PORTEC	90
212	DEN-TC1-33	TRANSPRT	
213	DEN-TC1-34	PORTEC	90
214	DEN-TC1-35	TRANSPRT	
215	DEN-TC1-36	TRANSPRT	
216	DEN-TC1-37	TRANSNRM	90
217	DEN-TC1-38	TRANSPRT	
218	DEN-TC1-39	QUEUE	
219	DEN-TC1-40	QUEUE	
220	DEN-TC1-41	QUEUE	
221	DEN-TC1-42	TRANSNRM	45
222	DEN-TC1-43	QUEUE	
223	DEN-TC1-44	45 MERGE	
224	DEN-TC2-01	TRANSPRT	
225	DEN-TC2-02	TRANSPRT	
226	DEN-TC2-03	QUEUE	
227	DEN-TC2-04	TRANSPRT	
228	DEN-TC2-05	TRANSNRM	90
229	DEN-TC2-06	TRANSPRT	
230	DEN-TC2-07	TRANSNRM	90
231	DEN-TC2-08	TRANSNRM	90
232	DEN-TC2-09	TRANSPRT	
233	DEN-TC2-10	TRANSNRM	90

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234	DEN-TC2-11	TRANSPRT	
235	DEN-TC2-12	QUEUE	
236	DEN-TC2-13	QUEUE	
237	DEN-TC2-14	QUEUE	
238	DEN-TC2-15	TRANSPRT	
239	DEN-TC2-16	TRANSPRT	
240	DEN-TC2-17	TRANSPRT	
241	DEN-TC2-18	TRANSNRM	90
242	DEN-TC2-19	TRANSPRT	
243	DEN-TC2-20	TRANSNRM	90
244	DEN-TC2-21	TRANSPRT	
245	DEN-TC2-22	TRANSNRM	45
246	DEN-TC2-23	TRANSPRT	
247	DEN-TC2-24	TRANSNRM	45
248	DEN-TC2-25	TRANSPRT	
249	DEN-TC2-26	TRANSPRT	
250	DEN-TC2-27	TRANSPRT	
251	DEN-TC2-28	TRANSNRM	90
252	DEN-TC2-29	TRANSPRT	
253	DEN-TC2-30	PORTEC	90
254	DEN-TC2-31	TRANSPRT	
255	DEN-TC2-32	PORTEC	90
256	DEN-TC2-33	TRANSPRT	
257	DEN-TC2-34	TRANSPRT	
258	DEN-TC2-35	TRANSPRT	
259	DEN-TC2-36	TRANSNRM	45
260	DEN-TC2-37	QUEUE	
261	DEN-TC2-38	TRANSNRM	45
262	DEN-TC2-39	TRANSPRT	
263	DEN-TC2-40	TRANSNRM	90
264	DEN-TC2-41	TRANSPRT	
265	DEN-TC2-42	TRANSNRM	90
266	DEN-TC2-43	TRANSPRT	
267	DEN-TC2-44	TRANSNRM	45
268	DEN-TC2-45	TRANSNRM	45
269	DEN-TC2-46	TRANSPRT	
270	DEN-TC2-47	TRANSNRM	90
271	DEN-3W1L3-14	QUEUE	
272	DEN-3W1L3-15	TRANSNRM	45
273	DEN-3W1L3-16	45 MERGE	
274	DEN-3W1L3-8 ATR	ATR/LSR	
275	DEN-3W1L4-01	QUEUE	
276	DEN-3W1L4-02	TRANSPRT	
277	DEN-3W1L4-03	QUEUE	
278	DEN-3W1L4-04	QUEUE	
279	DEN-3W1L4-05	QUEUE	
280	DEN-3W1L4-06	QUEUE	

DEN BHS Equipment Asset List

281	DEN-3W1L4-07	QUEUE	
282	DEN-3W1L4-08	QUEUE	
283	DEN-3W1L4-09	QUEUE	
284	DEN-3W1L4-10	QUEUE	
285	DEN-3W1L4-11	QUEUE	
286	DEN-3W1L4-12	QUEUE	
287	DEN-3W1L4-13	QUEUE	
288	DEN-3W1L4-14	TRANSNRM	45
289	DEN-3W1L4-15	45 MERGE	
290	DEN-3W1L4-7 ATR	ATR/LSR	
291	DEN-3W2L-01	TRANSPRT	
292	DEN-3W2L-02	QUEUE	
293	DEN-3W2L-03	TRANSNRM	45
294	DEN-3W2L-04	QUEUE	
295	DEN-3W2L-05	QUEUE	
296	DEN-3W2L-06	45 MERGE	
297	DEN-3W2L1-01	QUEUE	
298	DEN-3W2L1-02	TRANSPRT	
299	DEN-3W2L1-03	TRANSNRM	45
300	DEN-3W2L1-04	TRANSNRM	45
301	DEN-3W2L1-05	QUEUE	
302	DEN-3W2L1-06	QUEUE	
303	DEN-3W2L1-07	QUEUE	
304	DEN-3W2L1-08	QUEUE	
305	DEN-3W2L1-09	QUEUE	
306	DEN-3W2L1-10	QUEUE	
307	DEN-3W2L1-11	TRANSNRM	45
308	DEN-3W2L1-12	45 MERGE	
309	DEN-3W2L2-01	QUEUE	
310	DEN-3W2L2-02	TRANSPRT	
311	DEN-3W2L2-03	QUEUE	
312	DEN-3W2L2-04	QUEUE	
313	DEN-3W2L2-05	QUEUE	
314	DEN-3W2L2-06	QUEUE	
315	DEN-3W2L2-07	QUEUE	
316	DEN-3W2L2-08	QUEUE	
317	DEN-3W2L2-09	QUEUE	
318	DEN-3W2L2-10	QUEUE	
319	DEN-3W2L2-11	TRANSNRM	45
320	DEN-3W2L2-12	45 MERGE	
321	DEN-3W2L3-01	QUEUE	
322	DEN-3W2L3-02	TRANSPRT	
323	DEN-3W2L3-03	QUEUE	
324	DEN-3W2L3-04	QUEUE	
325	DEN-3W2L3-05	QUEUE	
326	DEN-3W2L3-06	QUEUE	
327	DEN-3W2L3-07	QUEUE	

DEN BHS Equipment Asset List

328	DEN-3W2L3-08	QUEUE	
329	DEN-3W2L3-09	QUEUE	
330	DEN-3W2L3-10	TRANSNRM	45
331	DEN-3W2L3-11	QUEUE	
332	DEN-3W2L3-12	45 MERGE	
333	DEN-3W2L4-01	QUEUE	
334	DEN-3W2L4-02	TRANSPRT	
335	DEN-3W2L4-03	TRANSNRM	45
336	DEN-3W2L4-04	TRANSNRM	45
337	DEN-3W2L4-05	QUEUE	
338	DEN-3W2L4-06	QUEUE	
339	DEN-3W2L4-07	QUEUE	
340	DEN-3W2L4-08	QUEUE	
341	DEN-3W2L4-09	QUEUE	
342	DEN-3W2L4-10	TRANSNRM	45
343	DEN-3W2L4-11	QUEUE	
344	DEN-3W2L4-12	45 MERGE	
345	DEN-3WBP-01	TRANSPRT	
346	DEN-3WBP-02	TRANSPRT	
347	DEN-3WBP-03	TRANSNRM	45
348	DEN-3WBP-04	QUEUE	
349	DEN-3WBP-05	QUEUE	
350	DEN-3WBP1-01	TRANSPRT	
351	DEN-3WBP1-02	TRANSPRT	
352	DEN-3WBP1-03	TRANSNRM	90
353	DEN-3WOS1-01	QUEUE	
354	DEN-3WOS2-1	QUEUE	
355	DEN-3WRC1-01	RMERGE	
356	DEN-3WRC1-02	TRANSNRM	45
357	DEN-3WRC1-03	TRANSPRT	
358	DEN-3WRC1-04	TRANSPRT	
359	DEN-3WRC1-05	QUEUE	
360	DEN-3WRC1-06	TRANSNRM	45
361	DEN-3WRC1-07	QUEUE	
362	DEN-3WRC1-08	QUEUE	
363	DEN-3WRC1-09	45 MERGE	
364	DEN-3WRC2-01	RMERGE	
365	DEN-3WRC2-02	TRANSPRT	
366	DEN-3WRC2-03	TRANSNRM	45
367	DEN-3WRC2-04	TRANSPRT	
368	DEN-3WRC2-05	TRANSPRT	
369	DEN-3WRC2-06	QUEUE	
370	DEN-3WRC2-07	QUEUE	
371	DEN-3WRC2-08	TRANSNRM	45
372	DEN-3WRC2-09	QUEUE	
373	DEN-3WRC2-10	45 MERGE	
374	DEN-3WRC3-01	TRANSPRT	

DEN BHS Equipment Asset List

375	DEN-3WRC3-02	TRANSPRT	
376	DEN-3WRC3-03	QUEUE	
377	DEN-3WRC3-04	TRANSNRM	45
378	DEN-3WRC3-05	TRANSNRM	45
379	DEN-3WRC3-06	TRANSNRM	45
380	DEN-3WRC3-07	45 MERGE	
381	DEN-3WSL1-01	RMERGE	
382	DEN-3WSL1-02	TRANSNRM	45
383	DEN-3WSL1-03	QUEUE	
384	DEN-3WSL1-04	TRANSPRT	
385	DEN-3WSL1-05	TRANSPRT	
386	DEN-3WSL1-06	TRANSNRM	45
387	DEN-3WSL1-07	TRANSPRT	
388	DEN-3WSL1-08	TRANSNRM	45
389	DEN-3WSL1-09	TRANSPRT	
390	DEN-3WSL1-10	QUEUE	
391	DEN-3WSL1-11	QUEUE	
392	DEN-3WSL1-12	QUEUE	
393	DEN-3WSL1-13	TRANSNRM	45
394	DEN-3WSL1-14	TRANSNRM	45
395	DEN-3WSL1-15	TRANSPRT	
396	DEN-3WSL1-16	TRANSPRT	
397	DEN-3WSL1-17	TRANSPRT	
398	DEN-3WSL1-18	TRANSPRT	
399	DEN-3WSL1-19	TRANSPRT	
400	DEN-3WSL1-20	TRANSNRM	90
401	DEN-3WSL1-21	TRANSPRT	
402	DEN-3WSL1-22	TRANSPRT	
403	DEN-3WSL1-23	TRANSNRM	90
404	DEN-3WSL1-24	TRANSPRT	
405	DEN-3WSL1-25	TRANSPRT	
406	DEN-3WSL1-27	TRANSPRT	
407	DEN-3WSL1-28	TRANSPRT	
408	DEN-3WSL1-29	TRANSPRT	
409	DEN-3WSL1-30	TRANSNRM	45
410	DEN-3WSL1-31	QUEUE	
411	DEN-3WSL1-32	QUEUE	
412	DEN-3WSL1-33	TRANSPRT	
413	DEN-3WTSA-01	QUEUE	
414	DEN-3WTSA-02	QUEUE	
415	DEN-3WTSA-03	TRANSNRM	45
416	DEN-3WTSA-04	QUEUE	
417	DEN-3WTSA-05	TRANSNRM	90
418	DEN-3WX-1	OUTBOUND	
419	DEN-HSD-3W1L2	HSD	
420	DEN-HSD-3W1L3	HSD	
421	DEN-HSD-3W1L4	HSD	

DEN BHS Equipment Asset List

422	DEN-HSD-3W2L	HSD	
423	DEN-HSD-3W2L1	HSD	
424	DEN-HSD-3W2L2	HSD	
425	DEN-HSD-3W2L3	HSD	
426	DEN-HSD-3W2L4	HSD	
427	DEN-HSD-3WBP	HSD	
428	DEN-HSD-3WBP1	HSD	
429	DEN-HSD-3WCB1	HSD	
430	DEN-HSD-3WCB2	HSD	
431	DEN-HSD-3WCB3	HSD	
432	DEN-HSD-3WCX	HSD	
433	DEN-HSD-3WML	HSD	
434	DEN-HSD-3WOS1	HSD	
435	DEN-HSD-3WOS2	HSD	
436	DEN-HSD-3WRC1	HSD	
437	DEN-HSD-3WRC2	HSD	
438	DEN-HSD-3WSL1	HSD	
439	DEN-HSD-3WX	HSD	
440	DEN-HSD-MU2WS	HSD	
441	DEN-HSD-MU2WS1	HSD	
442	DEN-HSD-MU2WS2	HSD	
443	DEN-HSD-MU3WN	HSD	
444	DEN-HSD-TC1	HSD	
445	DEN-HSD-TC2	HSD	
446	DEN-HSD-TC3	HSD	
447	DEN-HSD-TC4	HSD	
448	DEN-HSD-TUA	HSD	
449	DEN-HSD-XC23	HSD	
450	DEN-HSD-XC32	HSD	
451	DEN-MU3WN-03	QUEUE	
452	DEN-MU3WN-04	QUEUE	
453	DEN-MU3WN-05	TRANSNRM	90
454	DEN-MU3WN-06	TRANSPRT	
455	DEN-MU3WN-07	TRANSPRT	
456	DEN-MU3WN-08	QUEUE	
457	DEN-MU3WN-09	QUEUE	
458	DEN-MU3WN-10	QUEUE	
459	DEN-MU3WN-11	QUEUE	
460	DEN-MU3WN-12	QUEUE	
461	DEN-MU3WN-13	TRANSPRT	
462	DEN-MU3WN-14	TRANSPRT	
463	DEN-MU3WN-15	TRANSPRT	
464	DEN-MU3WN-16	TRANSNRM	90
465	DEN-MU3WN-17	TRANSPRT	
466	DEN-MU3WN-18	TRANSNRM	45
467	DEN-MU3WN-19	QUEUE	
468	DEN-MU3WN-20	TRANSNRM	45

DEN BHS Equipment Asset List

469	DEN-MU3WN-21	TRANSPRT	
470	DEN-MU3WN-22	TRANSPRT	
471	DEN-MU3WN-23	TRANSNRM	45
472	DEN-MU3WN-24	QUEUE	
473	DEN-MU3WN-25	TRANSNRM	45
474	DEN-MU3WN-26	TRANSPRT	
475	DEN-MU3WN-27	PLOWMRG	
476	DEN-MU3WN1-01	TRANSPRT	
477	DEN-MU3WN1-02	TRANSNRM	90
478	DEN-MU3WN1-03	TRANSPRT	
479	DEN-MU3WN1-04	TRANSNRM	45
480	DEN-MU3WN1-05	TRANSNRM	45
481	DEN-MU3WN1-06	TRANSPRT	
482	DEN-MU3WN1-07	PLOWMRG	
483	DEN-MU3WN1-A	FLTPLATE	
484	DEN-MU3WN1-B	FLTPLATE	
485	DEN-MU3WN1-HSD	HSD	
486	DEN-MU3WN2	HSD	
487	DEN-MU3WN2-01	TRANSPRT	
488	DEN-MU3WN2-02	TRANSPRT	
489	DEN-MU3WN2-03	PLOWMRG	
490	DEN-MU3WN3-A	FLTPLATE	
491	DEN-MU3WN3-B	FLTPLATE	
492	DEN-TC1-01	TRANSPRT	
493	DEN-TC1-02	TRANSPRT	
494	DEN-TC1-03	QUEUE	
495	DEN-TC1-04	TRANSPRT	
496	DEN-TC1-05	PORTEC	90
497	DEN-TC1-06	TRANSPRT	
498	DEN-TC1-07	TRANSNRM	90
499	DEN-TC1-08	TRANSNRM	90
500	DEN-TC1-09	TRANSPRT	
501	DEN-TC2-48	TRANSPRT	
502	DEN-TC2-49	TRANSPRT	
503	DEN-TC2-50	TRANSPRT	
504	DEN-TC2-51	TRANSNRM	90
505	DEN-TC2-52	TRANSPRT	
506	DEN-TC2-53	QUEUE	
507	DEN-TC2-54	QUEUE	
508	DEN-TC2-55	QUEUE	
509	DEN-TC2-56	QUEUE	
510	DEN-TC2-57	TRANSPRT	
511	DEN-TC2-57A	QUEUE	
512	DEN-TC2-58	TRANSPRT	
513	DEN-TC2-59	TRANSPRT	
514	DEN-TC2-60	TRANSPRT	
515	DEN-TC2-61	TRANSNRM	90

DEN BHS Equipment Asset List

516	DEN-TC2-62	TRANSPRT	
517	DEN-TC2-63	TRANSNRM	90
518	DEN-TC2-64	TRANSPRT	
519	DEN-XC23-01	RMERGE	
520	DEN-XC23-02	TRANSNRM	45
521	DEN-XC23-03	TRANSPRT	
522	DEN-XC23-04	TRANSNRM	45
523	DEN-XC23-05	TRANSPRT	
524	DEN-XC23-06	TRANSNRM	45
525	DEN-XC23-07	QUEUE	
526	DEN-XC23-08	TRANSNRM	45
527	DEN-XC23-09	TRANSNRM	45
528	DEN-XC23-1	45 MERGE	
529	DEN-XC23-10	TRANSPRT	
530	DEN-XC23-11	TRANSNRM	45
531	DEN-XC23-12	TRANSNRM	45
532	DEN-XC23-13	QUEUE	
533	DEN-XC23-14	QUEUE	
534	DEN-XC23-15	TRANSNRM	45
535	DEN-XC23-16	45 MERGE	
536	DEN-XC23-2	TRANSNRM	45
537	DEN-XC23-3	TRANSPRT	
538	DEN-XC23-4	TRANSNRM	45
539	DEN-XC23-5	TRANSPRT	
540	DEN-XC23-6	TRANSNRM	45
541	DEN-XC23-7	QUEUE	
542	DEN-XC23-8	TRANSNRM	45
543	DEN-XC23-9	TRANSNRM	45
544	DEN-BCF4	INBOUND	
545	DEN-BCF5	INBOUND	
546	DEN-BCF6	INBOUND	
548	DEN-MU3WN1	FLTPLATE	
549	DEN-MU3WN2	FLTPLATE	
550	DEN-MU3WN3	FLTPLATE	
551	DEN-14WIB1A-04	TRANSPRT	
552	DEN-14WIB1A-05	TRANSNRM	45
553	DEN-14WIB1A-06	TRANSNRM	45
554	DEN-14WIB1A-07	TRANSPRT	
555	DEN-14WIB1A-08	TRANSPRT	
556	DEN-14WIB1A-09	TRANSNRM	90
557	DEN-14WIB1A-10	TRANSNRM	90
558	DEN-14WIB2A-4	TRANSPRT	
559	DEN-14WIB2A-5	TRANSNRM	90
560	DEN-14WIB2A-6	TRANSNRM	90
561	DEN-14WIB2A-7	TRANSPRT	
562	DEN-14WIB2A-8	TRANSPRT	
563	DEN-14WIB2A-9	TRANSNRM	90

DEN BHS Equipment Asset List

564	DEN-14WIB2A-10	TRANSNRM	90
565	DEN-14WIB2A-11	TRANSPRT	
566	DEN-14WIB2A-12	TRANSNRM	90
567	DEN-14WIB3A-4	TRANSPRT	
568	DEN-14WIB3A-5	TRANSNRM	90
569	DEN-14WIB3A-6	TRANSNRM	90
570	DEN-14WIB3A-7	TRANSPRT	
571	DEN-14WIB3A-8	TRANSPRT	
572	DEN-14WIB3A-9	TRANSNRM	90
573	DEN-14WIB3A-10	TRANSPRT	
574	DEN-14WIB3A-11	TRANSNRM	90
575	DEN-14WIB3A-12	TRANSPRT	
576	DEN-14WIB3A-13	TRANSPRT	
577	DEN-14WIB3A-14	TRANSNRM	90
578	DEN-14WIB3A-15	QUEUE	
579	DEN-SK4	FLTPLATE	SKI
580	PETLIFT	TRANSPRT	

Mod FIS

1	DEN-MCP-6FIS	MCP	
2	DEN-MCP-7FIS	MCP	
3	DEN-MCP-8FIS	MCP	
4	DEN-MCP-9FIS	MCP	
5	DEN-MCP-CC31	MCP	
6	DEN-5IB3-04-FIS	TRANSNRM	45
7	DEN-5IB3-05-FIS	TRANSPRT	
8	DEN-5IB3-06-FIS	TRANSNRM	45
9	DEN-5IB3-07-FIS	TRANSPRT	
10	DEN-5IB3-08-FIS	TRANSNRM	90
11	DEN-5IB3-09-FIS	TRANSPRT	
12	DEN-5IB3-10-FIS	TRANSNRM	90
13	DEN-5IB3-11-FIS	TRANSNRM	90
14	DEN-5IB3-12-FIS	QUEUE	
15	DEN-5IB3-13-FIS	TRANSPRT	
16	DEN-5IB3-14-FIS	TRANSPRT	
17	DEN-5IB3-15-FIS	TRANSPRT	
18	DEN-5IB3-16-FIS	TRANSNRM	90
19	DEN-5IB3-17-FIS	TRANSPRT	
20	DEN-5IB3-18-FIS	TRANSNRM	90
21	DEN-5IB3-19-FIS	TRANSPRT	
22	DEN-5IB3-19DR-FIS	DOOR	
23	DEN-5IB3-20-FIS	QUEUE	
24	DEN-5IB3-21-FIS	TRANSNRM	90
25	DEN-5IB3-22-FIS	45 MERGE	
26	DEN-ATR/FISF-12-FIS	ATR/LSR	
27	DEN-ATR/FISRC1-03-FIS	ATR/LSR	
28	DEN-FIS CLAIM 1-FIS	SLOPEPLT	
29	DEN-FIS CLAIM 2-FIS	SLOPEPLT	
30	DEN-FIS CLAIM 3-FIS	SLOPEPLT	
31	DEN-FIS5OS1-1	TRANSPRT	
32	DEN-FIS5OS1-10	TRANSPRT	
33	DEN-FIS5OS1-10A	TRANSPRT	
34	DEN-FIS5OS1-11	TRANSPRT	
35	DEN-FIS5OS1-2	TRANSNRM	180
36	DEN-FIS5OS1-3	TRANSNRM	180
37	DEN-FIS5OS1-4	TRANSNRM	180
38	DEN-FIS5OS1-5	TRANSNRM	180
39	DEN-FIS5OS1-6	TRANSNRM	180
40	DEN-FIS5OS1-7	TRANSNRM	180

DEN BHS Equipment Asset List

41	DEN-FIS5OS1-8	TRANSPRT	
42	DEN-FIS5OS1-9	TRANSNRM	90
43	DEN-FISSE-1	TRANSPRT	
44	DEN-FISSE-2	TRANSPRT	
45	DEN-FISSE-3	PORTEC	
46	DEN-FISSE-4	TRANSPRT	
47	DEN-FISSE-5	PORTEC	
48	DEN-FISSE-6	TRANSPRT	
49	DEN-FISSE-7	PORTEC	
50	DEN-FISSE-8	TRANSPRT	
51	DEN-FISF-01-FIS	TRANSPRT	
52	DEN-FISF-02-FIS	TRANSPRT	
53	DEN-FISF-03-FIS	TRANSNRM	90
54	DEN-FISF-04-FIS	TRANSPRT	
55	DEN-FISF-05-FIS	TRANSPRT	
56	DEN-5IB2-1	TRANSPRT	
57	DEN-5IB2-2	TRANSPRT	
58	DEN-5IB2-3	TRANSNRM	90
59	DEN-5IB2-4	TRANSPRT	
60	DEN-5IB2-5	TRANSNRM	90
61	DEN-5IB2-6	TRANSPRT	
62	DEN-5IB2-7	TRANSPRT	
63	DEN-5IB2-8	TRANSPRT	
64	DEN-5IB2-9	TRANSPRT	
65	DEN-5IB2-10	TRANSPRT	
66	DEN-5IB2-11	TRANSNRM	90
67	DEN-5IB2-12	TRANSPRT	
68	DEN-5IB2-13	TRANSPRT	
69	DEN-5IB2-14	TRANSNRM	90
70	DEN-5IB2-15	TRANSPRT	
71	DEN-5IB2-16	TRANSPRT	
72	DEN-5IB2-17	TRANSPRT	
73	DEN-5IB2-18	TRANSNRM	45
74	DEN-5IB2-19	TRANSPRT	
75	DEN5IB1-1	TRANSPRT	
76	DEN5IB1-2	TRANSPRT	
77	DEN5IB1-3	TRANSNRM	90
78	DEN5IB1-4	TRANSPRT	
79	DEN5IB1-5	TRANSNRM	90
80	DEN5IB1-6	TRANSPRT	

DEN BHS Equipment Asset List

81	DEN5IB1-7	TRANSPRT	
82	DEN5IB1-8	TRANSPRT	
83	DEN5IB1-9	TRANSPRT	
84	DEN5IB1-10	TRANSNRM	90
85	DEN5IB1-11	TRANSPRT	
86	DEN5IB1-12	TRANSPRT	
87	DEN5IB1-13	TRANSPRT	
88	DEN5IB1-14	TRANSNRM	90
89	DEN5IB1-15	TRANSPRT	
90	DEN5IB1-16	TRANSPRT	
91	DEN5IB1-17	TRANSNRM	45
92	DEN5IB1-18	TRANSPRT	
93	DEN-MCP-16FIS	MCP	

*Asset list will need to be verified by contractor and updated when changes are made



BAGGAGE HANDLING SYSTEM
OPERATIONS AND MAINTENANCE
SAMPLE REPORTS

Revision Control

<u>Version</u>	<u>Date</u>	<u>Reason</u>
v0	10/19/2017	Original draft (issued)

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DAILY REPORTS

BHS O&M Daily Report

Daily Pass-Down

Reference § TS-16.2.2

Date of report 07/16/2018

(A.1.) Outstanding Maintenance (NOT COMPLETE).

<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>

(A.2.) Schedule work complete

<u>Scheduled</u>	<u>Completed</u>
<u>PM (Qty)</u>	<u>(Qty)</u>
<u>CM (Qty)</u>	<u>(Qty)</u>
<u>EM (Qty)</u>	<u>(Qty)</u>

(A.3.) Unscheduled Maintenance (EM).

<u>(Name)</u>	<u>(Work Done)</u>	<u>(Downtime)</u>

(A.4.) Non-operational Equipment

<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>

(A.5.) Late/Failed to load bags

<u>(IATA) (Airline)</u>	<u>(IATA) (Airline)</u>

Keep with next page



(A.6.) Damaged bags

(IATA) (Airline)

(Attach Picture)

NOTES.

(Information)

END OF REPORT



WEEKLY REPORTS

BHS O&M Weekly Report

O&M Performance Report

Reference § TS-16.3.2
Date of report 07/16/2018

(A.1.) Corrective Maintenance performed.

<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>

(A.2.) Outstanding Maintenance (NOT DONE).

<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>
<u>WO xxx (Detail)</u>	<u>WO xxx (Detail)</u>

(A.3.) Spare Parts NOT in stock

<u>PO/ Item</u>	<u>Schedule Date of Delivery</u>
<u>PO xxx (Detail)</u>	<u>(Scheduled Date)</u>

(A.4.) Training Completed.

<u>(Name)</u>	<u>(Enter description)</u>	<u>(Date/Period)</u>

Keep with next page



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Date Approved _____

Approving person _____

Comment

END OF REPORT



MONTHLY REPORT

BHS O&M Monthly Report

Replacement Spare Parts Purchasing

Note: Provide in electronic spreadsheet format

Reference § TS-16.4.2.
 Month JUNE 2017
 Date of report 06/04/2011

<u>Consumables</u>	Qty	Price	Total
<u>Rags</u>	_____	_____	_____
<u>Lubricants</u>	_____	_____	_____
<u>Cleaning Supplies</u>	_____	_____	_____
<u>Hardware</u>	_____	_____	_____
<u>Office Supplies</u>	_____	_____	_____
<u>Golf Carts</u>	_____	_____	_____
		Sub total	_____

<u>HSD</u>	Qty	Price	Total
<u>Paddle Assemblies</u>	_____	_____	_____
<u>Wrap Spring Clutches</u>	_____	_____	_____
<u>Bearings</u>	_____	_____	_____
<u>Paddle Belts</u>	_____	_____	_____
<u>Motor</u>	_____	_____	_____
<u>Gearbox</u>	_____	_____	_____
<u>Drive Parts</u>	_____	_____	_____
		Sub total	_____

Keep with next page



<u>Transnorm Conveyors</u>	Qty	Price	Total
<u>Belting</u>			
<u>Bearings</u>			
<u>Rollers</u>			
<u>Bearing Housings</u>			
		Sub total	

<u>Portec Conveyors</u>	Qty	Price	Total
<u>Belting</u>			
<u>Bearings</u>			
<u>Rollers</u>			
<u>Bearing Housings</u>			
		Sub total	

<u>Belting</u>	Qty	Price	Total
<u>Queue Belts</u>			
<u>Transport Belts</u>			
<u>LG Belting</u>			
<u>Ticketing Belts</u>			
<u>Oddsize tote</u>			
<u>UAL Oddsize</u>			
		Sub total	

<u>Merges</u>	Qty	Price	Total
<u>Merge Belts</u>			
<u>Pinch Rollers</u>			
<u>Nose Bars</u>			
		Sub total	

Keep with next page



<u>Motors</u>	Qty	Price	Total
1.0 hp			
1.5 hp			
2.0 hp			
3.0hp			
5.0 hp			
7.0 hp			
pFlow			
Other			
		Sub total	

<u>Gearboxes</u>	Qty	Price	Total
Morse			
Tigear			
Dodge			
		Sub total	

<u>Rollers</u>	Qty	Price	Total
Drive Roller			
Snub Roller			
Return Roller			
Tail roller			
		Sub total	

<u>Bearings</u>	Qty	Price	Total
		Sub total	

Keep with next page



<u>Clutch/Brakes</u>	Qty	Price	Total
UM180/1020			
EM180/1020			
Modules			
C/B parts			
		Sub total	

<u>Claim/MU (Colby)</u>	Qty	Price	Total
Drive Parts			
Friction Chain			
Wheels			
Slats			
Track			
Weldments			
Finger guard			
		Sub total	

<u>Ski Claim (BAE)</u>	Qty	Price	Total
Drive Parts			
Wheels			
Track			
Pallets			
Coffins			
Weldments			
Finger guard			
Bushings			
		Sub total	

Keep with next page



<u>Flat Plates (Siemens)</u>	Qty	Price	Total
Drive Parts			
Wheels			
Slats			
Track			
Weldments			
Bushings			
		Sub total	

<u>Claim/MU (Sterns/FKI)</u>	Qty	Price	Total
Drive Parts			
Wheels			
Slats			
Track			
Weldments			
Finger guard			
		Sub total	

<u>VFD Controllers</u>	Qty	Price	Total
Oddsize			
Micomaster 420			
Micomaster 440			
SEW Movimot			
		Sub total	

<u>Sick ATR's/BMA</u>	Qty	Price	Total
Heads			
Controller			
Other			
		Sub total	

Keep with next page



<u>Metrologic ATR</u>	Qty	Price	Total
Heads			
Controller			
Other			
		Sub total	

<u>Security doors</u>	Qty	Price	Total
Oddsize L6			
Oddsize L5			
Oddsize Inbound			
Inbound Claims			
Curbside L6			
Curbside L5			
		Sub total	

<u>Controls</u>	Qty	Price	Total
MCP hardware			
Photo sensors			
Shaft encoders			
Warning devices			
Control station hardware			
Wire/Wire nuts/Terminations			
		Sub total	

<u>Network</u>	Qty	Price	Total
PLC hardware			
UPS			
Server/PC			
Network fiber converters			
Network switches/routers			
		Sub total	

Keep with next page



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END OF REPORT



BHS O&M Monthly Report

Equipment Rebuilt or Refurbished

Reference § TS 16.4.3.
 Month MAY 2011
 Date of report 06/04/2011

<u>Completed</u>	<u>Description/ Location</u>	<u>Removed</u>
7/4/2011	Clutch-brake/ 3E LSS1-14	(Date)
7/6/2011	Clutch Brake/ 2E USS4-13	(Date)

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Comment

END OF REPORT



BHS O&M Monthly Report

Spare Parts Budget Performance Summary

Reference	§ TS-16.4.4.
Month	<u>MAY 2011</u>
Date of report	<u>06/04/2011</u>

CCD identified deficiencies.

	Budget	Actual	Diff
Consumables	900.00	821.32	-8.7%
HSD's	6,500.00	4,950.26	-23.8%
Transnorm Conveyors	4,500.00	5,510.00	22.4%
Portec Conveyors	500.00	505.45	1.1%
Belting	1,500.00	1,100.56	-26.6%
Merges	600.00	550.00	-8.3%
Motors	1,750.00	1,425.20	-18.6%
Gearboxes	3,200.00	3,500.89	9.4%
Rollers	1,200.00	1,150.00	-4.2%
Bearings	300.00	250.25	-16.6%
Clutch Brakes	3,500.00	3,658.46	4.5%
Claim/MU (Colby)	850.00	880.00	3.5%
Ski Claim (BAE)	400.00	395.21	-1.2%
Flat Plates (Siemens)	750.00	777.77	3.7%
Claim/MU (Sterns/FKI)	800.00	780.77	-2.4%
VFD Controllers	3,400.00	3,612.58	6.3%
Sick ATR/BMA	4,200.00	4,155.12	-1.1%
Metrologic ATR	400.00	380.56	-4.9%
Security Doors	500.00	490.58	-1.9%
Controls components	2,200.00	2,645.00	20.2%
Network/Server/PC	600.00	155.12	-74.1%
Totals	38,550.00	37,695.10	-2.2%

Keep with next page



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END OF REPORT



BHS O&M Monthly Report

Manpower Usage Summary

Reference § TS-16.4.5.
 Month MAY 2011
 Date of report 06/04/2011

Manager

	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Scheduled Maint (CM)	_____	_____	_____	_____	_____	_____	_____	_____
Preventative Maint (PM)	_____	_____	_____	_____	_____	_____	_____	_____
Unscheduled Maint (EM)	_____	_____	_____	_____	_____	_____	_____	_____
Daily Walk-through	_____	_____	_____	_____	_____	_____	_____	_____
Cleaning	_____	_____	_____	_____	_____	_____	_____	_____
Training	_____	_____	_____	_____	_____	_____	_____	_____
Operations	_____	_____	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____	_____	_____
Totals	_____	_____	_____	_____	_____	_____	_____	_____

Supervisor

	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Scheduled Maint (CM)	_____	_____	_____	_____	_____	_____	_____	_____
Preventative Maint (PM)	_____	_____	_____	_____	_____	_____	_____	_____
Unscheduled Maint (EM)	_____	_____	_____	_____	_____	_____	_____	_____
Daily Walk-through	_____	_____	_____	_____	_____	_____	_____	_____
Cleaning	_____	_____	_____	_____	_____	_____	_____	_____
Training	_____	_____	_____	_____	_____	_____	_____	_____
Operations	_____	_____	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____	_____	_____
Totals	_____	_____	_____	_____	_____	_____	_____	_____

Control System Technician

	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Scheduled Maint (CM)	_____	_____	_____	_____	_____	_____	_____	_____

Keep with next page



	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Preventative Maint (PM)	_____	_____	_____	_____	_____	_____	_____	_____
Unscheduled Maint (EM)	_____	_____	_____	_____	_____	_____	_____	_____
Daily Walk-through	_____	_____	_____	_____	_____	_____	_____	_____
Cleaning	_____	_____	_____	_____	_____	_____	_____	_____
Training	_____	_____	_____	_____	_____	_____	_____	_____
Operations	_____	_____	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____	_____	_____
Totals	_____	_____	_____	_____	_____	_____	_____	_____

Machinery Maintenance Mechanic

	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Scheduled Maint (CM)	_____	_____	_____	_____	_____	_____	_____	_____
Preventative Maint (PM)	_____	_____	_____	_____	_____	_____	_____	_____
Unscheduled Maint (EM)	_____	_____	_____	_____	_____	_____	_____	_____
Daily Walk-through	_____	_____	_____	_____	_____	_____	_____	_____
Cleaning	_____	_____	_____	_____	_____	_____	_____	_____
Training	_____	_____	_____	_____	_____	_____	_____	_____
Operations	_____	_____	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____	_____	_____
Totals	_____	_____	_____	_____	_____	_____	_____	_____

Entry Support Mechanic

	<u>1E</u>	<u>2E</u>	<u>3E</u>	<u>1W</u>	<u>2W</u>	<u>3W</u>	<u>FIS</u>	<u>TOTAL</u>
Scheduled Maint (CM)	_____	_____	_____	_____	_____	_____	_____	_____
Preventative Maint (PM)	_____	_____	_____	_____	_____	_____	_____	_____
Unscheduled Maint (EM)	_____	_____	_____	_____	_____	_____	_____	_____
Daily Walk-through	_____	_____	_____	_____	_____	_____	_____	_____
Cleaning	_____	_____	_____	_____	_____	_____	_____	_____
Training	_____	_____	_____	_____	_____	_____	_____	_____
Operations	_____	_____	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____	_____	_____
Totals	_____	_____	_____	_____	_____	_____	_____	_____

Repeat for all employee categories

Keep with next page



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Comment

END OF REPORT



BHS O&M Monthly Report

Staff Allocation Report

Reference § TS-16.4.5.
 Month MAY 2011
 Date of report 06/04/2011

Shift 1

		<u>Shift 1</u>			<u>Shift 1A</u>	
	<u>Qty</u>	<u>Worked Hrs</u>	<u>Missed Hrs</u>	<u>Qty</u>	<u>Worked Hrs</u>	<u>Missed Hrs</u>
Supervisor	_____	_____	_____	_____	_____	_____
CST	_____	_____	_____	_____	_____	_____
MMM	_____	_____	_____	_____	_____	_____
ESM	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____

Shift 2

		<u>Shift 2</u>			<u>Shift 2A</u>	
	<u>Qty</u>	<u>Worked Hrs</u>	<u>Missed Hrs</u>	<u>Qty</u>	<u>Worked Hrs</u>	<u>Missed Hrs</u>
Supervisor	_____	_____	_____	_____	_____	_____
CST	_____	_____	_____	_____	_____	_____
MMM	_____	_____	_____	_____	_____	_____
ESM	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____



Shift 3

	<u>Qty</u>	<u>Shift 3</u> <u>Worked</u> <u>Hrs</u>	<u>Missed</u> <u>Hrs</u>	<u>Qty</u>	<u>Shift 3A</u> <u>Worked</u> <u>Hrs</u>	<u>Missed</u> <u>Hrs</u>
Supervisor	_____	_____	_____	_____	_____	_____
CST	_____	_____	_____	_____	_____	_____
MMM	_____	_____	_____	_____	_____	_____
ESM	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____

Shift 4

	<u>Qty</u>	<u>Shift 4</u> <u>Worked</u> <u>Hrs</u>	<u>Missed</u> <u>Hrs</u>	<u>Qty</u>	<u>Shift 4A</u> <u>Worked</u> <u>Hrs</u>	<u>Missed</u> <u>Hrs</u>
Supervisor	_____	_____	_____	_____	_____	_____
CST	_____	_____	_____	_____	_____	_____
MMM	_____	_____	_____	_____	_____	_____
ESM	_____	_____	_____	_____	_____	_____
Other	_____	_____	_____	_____	_____	_____
Total	_____	_____	_____	_____	_____	_____

Repeat for all shifts

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Comment

END OF REPORT



BHS O&M Monthly Report

System Performance Report

Reference § TS-16.4.7.
 Month MAY 2011
 Date of report 06/04/2011

Tracking Accuracy

	1E	2E	3E	1W	2W	3W	FIS	TOTAL
CBIS Tracking ¹	_____	_____	_____	_____	_____	_____	_____	_____
Sortation Tracking ²	_____	_____	_____	_____	_____	_____	_____	_____

ATR read rate

	1E	2E	3E	1W	2W	3W	FIS
Min	<u>90.4%</u>	<u>91.7%</u>	<u>92.2%</u>	<u>91.8%</u>	<u>89.2%</u>	<u>90.6%</u>	<u>88.2</u>
Max	<u>96.3%</u>	<u>95.2%</u>	<u>93.5%</u>	<u>92.9%</u>	<u>91.6%</u>	<u>94.2%</u>	<u>90.8%</u>
System ³	<u>98.9%</u>	<u>97.2%</u>	<u>96.8%</u>	<u>97.4%</u>	<u>96.9%</u>	<u>96.5%</u>	<u>93.6%</u>

System data

	1E	2E	3E	1W	2W	3W	FIS	TOTAL
Down time Total ⁴	_____	_____	_____	_____	_____	_____	_____	_____
Down time Err ⁵	_____	_____	_____	_____	_____	_____	_____	_____
Down time No Err ⁶	_____	_____	_____	_____	_____	_____	_____	_____
EDS down time	_____	_____	_____	_____	_____	_____	_____	_____
CBRA total bags T ⁷	_____	_____	_____	_____	_____	_____	_____	_____
CBRA Error bags ⁸	_____	_____	_____	_____	_____	_____	_____	_____
Total bags to MU	_____	_____	_____	_____	_____	_____	_____	_____
Peak Hour ⁹	_____	_____	_____	_____	_____	_____	_____	_____

Keep with next page

¹ (Error Bags to CBRA/Total bags delivered to MU) as a percentage

² (Run-out bags/Total bags delivered to MU) as a percentage

³ Sum All ATR's (Good Reads/Total bags processed by ATR) as a percentage

⁴ Total down time

⁵ Down time effecting operations (Minimum required capacity is effected)

⁶ Down time NOT effecting operations (part of redundant equipment remains operational to process load)

⁷ Excludes bags in CBRA by design (Multiple read, Screened & Oversize)

⁸ (Total CBRA error bags / Total bags to MU) as a percentage

⁹ Peak total bags processed in a 1 hour period (xx:00 to xx:59)



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Comment

END OF REPORT



BHS O&M Monthly Report

Spare Parts Exception Summary

Reference	§ TS-16.4.8
Month	MAY 2011
Date of report	06/04/2011

Spares on order not received.

	Quantity	Value	On hand
RH wrap spring clutches	2	6,412.92	2
	Total value		Total value

Spares not arriving during expected lead time.

	Days late	Quantity	Value
RH wrap spring clutches	10	2	6,412.92
Transnorm 45 spiral belt +12"	4	2	1620.46
		Total value	

Critical spares not on site during Month.

	No of days	Quantity	Value
Transnorm 45 spiral belt +12"	2	2	1620.46
		Total value	

Keep with next page



Borrowed spares.

	No of days	Quantity	Value
Itemize _____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
		Total value	_____

Borrowed spares not replaced by End of Month.

	Quantity	Value
Itemize _____	_____	_____
_____	_____	_____
_____	_____	_____
	Total value	_____

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Comment

END OF REPORT



BHS O&M Monthly Report

Training Completed/ Outstanding Report

Reference § TS-16.4.9.
 Month MAY 2011
 Date of report 06/04/2011

Completed

<u>Who</u>	<u>Type</u>	<u>Qty (Hrs)</u>	<u>Completion date</u>	<u>Grade*</u>
John Doe	Sick ATR head replacement	3	5/12/2011	3
John Doe	General conveyor PM	1.5	5/14/2011	4
John Doe	MCP PM	1	5/21/2011	4
John Doe	E-stop fault finding	4	5/29/2011	5

Outstanding

<u>Who</u>	<u>Type</u>	<u>Scheduled</u>
John Doe	HSD paddle replacement	6/7/2011

- GRADE 1 Fail (not proficient to perform the work)
 2 Requires addition training (not proficient to work unsupervised)
 3 Proficient (work requires periodic checking/verification)
 4 Excellent (works unsupervised)
 5 Advanced (capable of providing training to others)

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Date Approved _____

Approving person _____

Comment

END OF REPORT



BHS O&M Monthly Report

MTTR Report

Reference § TS-16.4.10, TS-9.6.B
 Month MAY 2011
 Date of report 06/04/2011

<u>Device</u>	<u>Qty</u>	<u>Min</u>	<u>Max</u>	<u>Avg</u>
<u>Belt change</u>	<u>2</u>	<u>1hr50m</u>	<u>1hr55m</u>	<u>1hr53m</u>
<u>Diverter paddle</u>	<u>5</u>	<u>1hr30m</u>	<u>1hr50m</u>	<u>1hr35m</u>
<u>Motor</u>	<u>1</u>	<u>20m</u>	<u>20m</u>	<u>20m</u>
<u>Reducer/Gearbox</u>	<u>1</u>	<u>50m</u>	<u>50m</u>	<u>50m</u>
<u>Clutch/brake</u>	<u>1</u>	<u>45m</u>	<u>45m</u>	<u>45m</u>
<u>Photocells</u>	<u>5</u>	<u>15m</u>	<u>22m</u>	<u>20m</u>
<u>Shaft Encoder</u>	<u>0</u>			
<u>VFD</u>	<u>1</u>	<u>52m</u>	<u>52m</u>	<u>52m</u>

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Comment

END OF REPORT



BHS O&M Monthly Report

Inspection Audit

Reference § TS-16.4.11, TS-11.3.D
 Month JULY 2011
 Date of report 08/01/2018

<u>WO</u>	<u>Description</u>	<u>Personnel</u>	<u>Grade</u>	<u>Training Scheduled</u>
117924	HSD-2WML1	Excellent Work	4	
117969	MCP20E2	Not Good	2	08/05/2018
117985	ATR-1EUSS1-15	Advanced Work	5	

- GRADE 1 Fail (not proficient to perform the work)
 2 Requires addition training (not proficient to work unsupervised)
 3 Proficient (work requires periodic checking/verification)
 4 Excellent (works unsupervised)
 5 Advanced (capable of providing training to others)

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 Approving person _____

Comment

END OF REPORT



BHS O&M Monthly Report

Monthly Invoice

Reference § TS-6.7.1.B.6, TS-13.1.B

Refer to CCD requirements for content and format in addition to breakout defined by this specification

Attach supporting documentation as follows for the period;

1. All parts received (legible copy of original invoices)
2. Spare parts may need consolidated by airline (separate line item)
3. Staffing deductions **§TS-6.6**
4. Key performance indicator deductions **§TS-9.10.2**
5. Documentation confirming and verifying compliance with CCD minimum/prevaling wage for the period

END OF REPORT



QUARTERLY REPORTS

BHS O&M Quarterly Report

Updated Spare Parts Budget Projections Report

Reference § TS-16.5.2.
 Month MAY 2011
 Date of report 06/04/2011

Updated Annual Total projection _____

1 st /2 nd Quarter	Jan	Feb	Mar	Apr	May	Jun
(a) HSD's	_____	_____	_____	_____	_____	_____
(b) Transnorm PT	_____	_____	_____	_____	_____	_____
(c) Portec PT	_____	_____	_____	_____	_____	_____
(d) Queue Conv	_____	_____	_____	_____	_____	_____
(e) Transport Conv	_____	_____	_____	_____	_____	_____
(f) Merges	_____	_____	_____	_____	_____	_____
(g) Motors	_____	_____	_____	_____	_____	_____
(h) Gearboxes	_____	_____	_____	_____	_____	_____
(i) Claim/MU (Colby)	_____	_____	_____	_____	_____	_____
(j) Ski claim (BAE)	_____	_____	_____	_____	_____	_____
(k) Claim/MU (Siemens)	_____	_____	_____	_____	_____	_____
(l) Flat plate (Siemens)	_____	_____	_____	_____	_____	_____
(m) Claim/MU (Sterns)	_____	_____	_____	_____	_____	_____
(n) ATR/BMA	_____	_____	_____	_____	_____	_____
(o) Security doors	_____	_____	_____	_____	_____	_____
(p) VFD's	_____	_____	_____	_____	_____	_____
(q) Other	_____	_____	_____	_____	_____	_____
Monthly Total	_____	_____	_____	_____	_____	_____

Keep with next page



<u>3rd/4th Quarter</u>	Jul	Aug	Sep	Oct	Nov	Dec
(a) HSD's	_____	_____	_____	_____	_____	_____
(b) Transnorm PT	_____	_____	_____	_____	_____	_____
(c) Portec PT	_____	_____	_____	_____	_____	_____
(d) Queue Conv	_____	_____	_____	_____	_____	_____
(e) Transport Conv	_____	_____	_____	_____	_____	_____
(f) Merges	_____	_____	_____	_____	_____	_____
(g) Motors	_____	_____	_____	_____	_____	_____
(h) Gearboxes	_____	_____	_____	_____	_____	_____
(i) Claim/MU (Colby)	_____	_____	_____	_____	_____	_____
(j) Ski claim (BAE)	_____	_____	_____	_____	_____	_____
(k) Claim/MU (Siemens)	_____	_____	_____	_____	_____	_____
(l) Flat plate (Siemens)	_____	_____	_____	_____	_____	_____
(m) Claim/MU (Sterns)	_____	_____	_____	_____	_____	_____
(n) ATR/BMA	_____	_____	_____	_____	_____	_____
(o) Security doors	_____	_____	_____	_____	_____	_____
(p) VFD's	_____	_____	_____	_____	_____	_____
(q) Other	_____	_____	_____	_____	_____	_____
Monthly Total	_____	_____	_____	_____	_____	_____

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Date Approved _____

Approving person _____

Comment

END OF REPORT



BI-ANNUAL REPORTS

BHS O&M Bi-Annual Report

Spare Parts Inventory Audit and Reconciliation Report

Reference § TS-16.6.2, TS-13.1.G.

Month JAN 2018

Date of report 01/08/2018

<u>(Description)</u>	<u>(Location)</u>	<u>(Qty)_{end}¹⁰</u>	<u>(Qty)_{count}¹¹</u>	<u>(Qty)_{adjust}¹²</u>	<u>(Value)_{\$}¹³</u>
Relay 120V AC	R17-4-4	19	19	0	0.00
Roller Transnorm	R07-0-0	14	14	0	00.00
Contactore 24V DC	R17-3-0	21	19	-2	-62:42
Photoeye AB 24VDC	R13-3-9	14	15	1	125.13
Total_{Adjustment}¹⁴				1	\$ 62.71

Per CMSS for all components containing as a minimum

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Approving person _____

Comment

END OF REPORT

¹⁰ Ending stock quantity
¹¹ Actual stock quantity counted.
¹² Adjustment quantity.
¹³ Adjustment value.
¹⁴ Total adjustment in stock value (\$)



BHS O&M Bi-Annual Report

Equipment Repair Status/ Cost Report

Reference § TS-16.5.4.
 Month MAY 2011
 Date of report 06/04/2011

	Qtr(s) Labor	Qtr(s) Materials	YTD Labor	YTD Materials
(a) Standard conveyors				
(b.1) Transnorm PT				
(b.2) Portec PT				
(c) Queue conveyors				
(d) Merge conveyors				
(e.1) Motors				
(e.2) Gearboxes				
(f) HSD's				
(g) ATR's/BMA				
(h.1) Claim/MU (Colby)				
(h.2) Ski claim (BAE)				
(h.3) Flat plate (Siemens)				
(h.4) Claim/MU (Sterns/FKI)				
(i) Lifts				
(j) Security doors				
(k) VFD's				
(l) Monitors				
(m) Servers				
(n) Workstations				
(o) Network components				
(p.1) Electrical TBD				
(p.2) Electrical TBD				
(p.3) Electrical TBD				

Keep with next page



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Comment

END OF REPORT



BHS O&M Bi-Annual Report

End of Useful Life

Reference § TS-16.6.4, TS-11.6.C, TS-11.7.1.F.
 Month MAY 2011
 Date of report 06/04/2011

<u>Required</u>	<u>End of life</u>	<u>Replacement by</u>
<u>ATR black head baggage tag scanners</u>	<u>12/2011</u>	<u>09/2011</u>

Reason for End of life.

The equipment supplier stopped manufacturing spare parts in 12/2006 and will no longer provide repair services for

equipment past 12/2011.

Proposed Solution.

The existing equipment needs to be replaced with equipment which is readily available on the market and has a Reasonable life expectancy. Current equipment in other areas of the airport utilize the latest product from the equipment supplier which provides good read rates. It is recommended that consideration be given to using this product due to good read rates, equipment familiarity and spare parts inventory. The supplier has indicated that equipment is still be manufactured and there is no known schedule for replacement or end of life announcement.

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Date Approved _____
 Approving person _____

Comment

END OF REPORT



ANNUAL REPORTS

BHS O&M Annual Report

Next Fiscal Year Budget Projection Report

Reference § TS-16.7.2.
 Period Fiscal Year 2019
 Date of report 02/15/2018

	Value	Percentage
Total budget projection	\$	%
Increase, Budget Year on Year (invoices)	\$	%
Increase, Actual Year on Year (from store)	\$	%
Previous Year (invoices)	\$	
Escalation (increase in goods)	\$	%
Escalation (Ageing of equipment)	\$	%
Escalation (Stock depletion)	\$	%
Escalation (Equipment change)	\$	%
Escalation (Other)	\$	%

Fixed costs

O&M fee	\$	%
Other fee	\$	%
Base Spare parts (request)	\$	%

Non-Recurring Costs (request)

ATR replacement	(Qty)	\$
Door replacement	(Qty)	\$
MU rebuilds	(Qty)	\$
	(Qty)	\$
	(Qty)	\$

Keep with next page



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Approving person _____

Comment

END OF REPORT



BHS O&M Annual Report

System Performance Report

Reference § TS-16.7.3.
 Month July 2011
 Date of report 07/04/2011

(a) Tracking

	1E	2E	3E	1W	2W	3W	FIS	TOTAL
CBIS Tracking ¹⁵	_____	_____	_____	_____	_____	_____	_____	_____
Sortation Tracking ¹⁶	_____	_____	_____	_____	_____	_____	_____	_____

(b) ATR read rate

	1E	2E	3E	1W	2W	3W	FIS
Min	90.4%	91/7%	92.2%	91.8%	89.2%	90.6%	88.2
Max	96.3%	95.2%	93.5%	92.9%	91.6%	94.2%	90.8%
System ¹⁷	98.9%	97.2%	96.8%	97.4%	96.9%	96.5%	93.6%

(c/d/e/f/g/h/i) System data

	1E	2E	3E	1W	2W	3W	FIS	TOTAL
Down time Total ¹⁸	_____	_____	_____	_____	_____	_____	_____	_____
Down time Error ¹⁹	_____	_____	_____	_____	_____	_____	_____	_____
Down time No Err ²⁰	_____	_____	_____	_____	_____	_____	_____	_____
EDS down time	_____	_____	_____	_____	_____	_____	_____	_____
Total bags to MU	_____	_____	_____	_____	_____	_____	_____	_____
CBRA total bags T ²¹	_____	_____	_____	_____	_____	_____	_____	_____
CBRA Error bags ²²	_____	_____	_____	_____	_____	_____	_____	_____
Peak Hour ²³	_____	_____	_____	_____	_____	_____	_____	_____

Keep with next page

¹⁵ (Error Bags to CBRA/Total bags delivered to MU) as a percentage

¹⁶ (Run-out bags/Total bags delivered to MU) as a percentage

¹⁷ Sum All ATR's (Good Reads/Total bags processed by ATR) as a percentage

¹⁸ Total down time

¹⁹ Down time effecting operations (Minimum required capacity is effected)

²⁰ Down time NOT effecting operations (part of redundant equipment remains operational to process load)

²¹ Excludes bags in CBRA by design (Multiple read, Screened & Oversize)

²² (Total CBRA error bags / Total bags to MU) as a percentage

²³ Peak total bags processed in a 1 hour period (xx:00 to xx:59)



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Approving person _____

Comment

END OF REPORT



BHS O&M Annual Report

Equipment Repair Status/Cost Report

Reference § TS-16.7.4.
 Month July 2011
 Date of report 07/04/2011

	This Yr Labor	This Yr Materials	Last Yr Labor	Adj %	Last Yr Materials	Adj %
(a) Standard conveyors	_____	_____	_____	_____	_____	_____
(b.1) Transnorm PT	_____	_____	_____	_____	_____	_____
(b.2) Portec PT	_____	_____	_____	_____	_____	_____
(c) Queue conveyors	_____	_____	_____	_____	_____	_____
(d) Merge conveyors	_____	_____	_____	_____	_____	_____
(e.1) Motors	_____	_____	_____	_____	_____	_____
(e.2) Gearboxes	_____	_____	_____	_____	_____	_____
(f) HSD's	_____	_____	_____	_____	_____	_____
(g) ATR/BMA	_____	_____	_____	_____	_____	_____
(h.1) Claim/MU (Colby)	_____	_____	_____	_____	_____	_____
(h.2) Ski claim (BAE)	_____	_____	_____	_____	_____	_____
(h.3) Flat plate (Siemens)	_____	_____	_____	_____	_____	_____
(h.4) Claim/MU (Sterns)	_____	_____	_____	_____	_____	_____
(i) Lifts	_____	_____	_____	_____	_____	_____
(j) Security doors	_____	_____	_____	_____	_____	_____
(k) Workstations	_____	_____	_____	_____	_____	_____
(l) Monitors	_____	_____	_____	_____	_____	_____
(m) Servers	_____	_____	_____	_____	_____	_____
(n) Network	_____	_____	_____	_____	_____	_____
(o) VFD's	_____	_____	_____	_____	_____	_____
(p.1) Electrical TBD	_____	_____	_____	_____	_____	_____
(p.2) Electrical TBD	_____	_____	_____	_____	_____	_____
(p.3) Electrical TBD	_____	_____	_____	_____	_____	_____

Keep with next page



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Date Approved _____

Approving person _____

Comment

END OF REPORT



BHS O&M

Safety Audit Report.

Reference § TS-16.7.5, TS-6.8.6.A.2.

Date of notification 06/04/2011

Auditor John Doe

Substances involved

BHS Reducer/Gearbox oil

SWPP deficiencies

SWPP-14. Change wrap spring clutch in HSD

Requires additional details to instruct persons performing work to ensure that a second
person observer is present.

SWPP to be updated.

All SWPP are up to date

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Date received _____
Receiving person _____

Comment

END OF REPORT



BHS O&M Report

Staffing Schedule

Reference § TS-16.7.6, § TS-6.1.J

Refer to As Required Reports



AS REQUIRED REPORTS

BHS O&M

Accident Report.

Reference § TS-16.8.1
Date of notification 06/04/2011

- Local treatment Hospitalization Permanent Injury DEATH
- Personal Injury Vehicle Other

Date 06/11/2011
Injured party John Doe
Time Off 2 Days

Follow up required

- Yes No

Injury cause

Employee was carrying materials and failed to notice yellow marked change in elevation adjacent to BHS Conveyor 3EML1-01. Employee lost balance and fell down.

Injury description

Superficial cuts to left hand, minor sprain to left ankle, some visible swelling. Employee was seen by first aid certified employee. Employee elected NOT to visit doctor. Employee given 2 days paid leave to recuperate.

Corrective action required

All employees were given additional safety training to ensure that they were aware of marked and/or unmarked hazards in the area being worked. Employees were specifically discouraged from carrying loads that hindered visibility.

Keep with next page



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Date Approved _____

Approving person _____

Comment

END OF REPORT



BHS O&M

Event Report.

Reference TS-16.8.2, § TS-10.8.1.I, § TS-10.8.2.B.3 , § TS-10.8.4.A.1

Follow CCD standard report format

END OF REPORT



BHS O&M

O&M Plan Change Report.

Reference § TS-16.8.3, § TS-11.7.2

Date of notification 06/04/2011

Date 06/11/2011

Last Change Date 02/10/2011

Effective Change Date 06/08/2011

Attach old procedure (identify procedure as no longer effective on all pages).

Attach new procedure (easily identify changes).



BHS O&M

Planned Absence of Key Personnel

Reference § TS-16.8.5, § TS-6.8.2.D

Date of notification 06/04/2011

Site Manager Office Manager Supervisor

Date starting 06/20/2011

Date Ending 07/01/2011

Reason for assignment of replacement person

Staff member sustained a personal injury requiring hospitalization. Staff member anticipated back to work no later than 7/5/2011.

Detail the replacement person assigned by the Contractor.

Replacement person John Doe

Contact Phone number 303-342-0000

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Date Approved _____

Approving person _____

Comment

END OF REPORT



BHS O&M

Failure to follow SWPP

Reference § TS-16.8.6, § TS-7.C.3

Date of notification 06/04/2011

Resolved Work in Progress Follow up

Date Starting 6/02/2011

Date Ending 6/04/2011

Follow up 6/10/2011

Description of event and action taken

Employee failed to follow SWPP in replacement of merge belt during routine adjustment
6/02/2011. Merge belt failed during operations 6/03/2011 shortly after 17:50. Supervisor
inspected and found that the merge belt had been wrapped incorrectly. New merge belt was
installed, supervisor inspected remedial work and confirmed proper installation.

Conveyor line was down from 18:10 until 20:15. Minor impact to operations during busy
period

19:00 to 19:30. Supervisor confirmed with TSA and Carrier that impact did not effect
screening or delivery of bags to make-up. Confirmed with Carrier no delayed/late bags.

Remedial action

Employee has been re-trained on the correct SWPP 6/4/2011. Additional retraining is
scheduled

for the employee 6/10/2011.

A follow up inspection is planned for night shift 06/04/2011 and 06/10/2011



Keep with next page

Material costs	<u>\$ 1,994.84</u>	Spare parts inventory attached
Remedial Labor	<u>4.5 hr</u>	
Follow up	<u>1.0 hr</u>	
Other (define)	<u>4.0 hr</u>	<u>Training</u>

Note: Attach supporting CMSS Maintenance report identifying material costs.

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Date received

Receiving person

Comment

END OF REPORT



Denver International Airport
Baggage Handling System
CMMS Maintenance Report

Module 1E
Conveyor 2WML1-01
Date 6/3/2011

Item code	Description	Qty	Cost	Ext cost
A1072	45 degree merge belt	1	1,943.50	1,943.50
C441	Merge cold bond kit	1	51.34	51.34

Total Cost 1,994.84



Changes to operations and/or Maintenance Procedures

Continue baggage hygiene training of airlines.

Keep with next page

Changes to BHS operation

Monitor baggage through BHS to identify poor hygiene issues, identify baggage tag. Notify Airlines supervisor and reschedule hygiene training.

CCD use only Do Not Write Below This Line

Date received _____

Receiving person _____

Follow up person _____ Date sent _____

Comment

END OF REPORT



BHS O&M

Interim Inspection Report

Reference § TS-16.8.8, § TS-21.3.D

Date of notification 06/04/2011

Date /Time of inspection 06/11/2011 @ 11:00

Type Functional inspection

Work done

Installed replacement wrap spring clutch in HSD supplied by Warner.

Abnormal unacceptable unexpected results

None

Improvements Identified

None at this stage

Bags processed during inspection period

Unit performed 82,015 cycles since last inspection, 456,780 cycles in Total.

Faults observed during inspection period

None

Keep with next page



Punch items corrected

Adjusted solenoid to operate smoothly.

END OF REPORT



BHS O&M

Failure Effecting Operations

Reference § TS-16.8.9, § TS-9.2.C

Date of notification 06/04/2011

Start Date/Time of incident 6/11/2011 11:05

End Date/Time of incident 6/11/2011 12:18

Duration 1h13m

Delayed flights 2

Missed bags 16

Affected Carriers/Airlines

Delta _____

Delta _____

Delta _____

Equipment Failure

Conveyor 2EML1-21 resulted in damaged lacing from backpack with straps that became caught

in diverter. Lacing was torn from belt and wound around drive roller until SE fault was detected

Remedial action taken

Additional baggage hygiene training will be completed for Delta ticketing agents.

Keep with next page



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Date received _____
Receiving person _____

Comment

END OF REPORT



BHS O&M

Impact Protection Damage Report

Reference	§ TS-16.8.10, TS-11.2.4.C	
Date of notification	<u>06/04/2011</u>	
Time of incident	<u>06/04/2011</u>	
Employee	<u>John doe</u>	
Location	<u>Module 3E</u>	
Down time	<u>3hr35m</u>	
Location	<u>Module 3E</u>	
Costs	<u>7 man hrs</u>	<u>\$ 2315.11</u>

Equipment effected

<u>TO3 level3</u>	<u>Impact protection</u>
_____	_____
_____	_____

Witness (attach witness statements)

_____	_____
_____	_____

Incident description

Tug driver ran trailing cart into impact protection at the North end of TO3 forcing impact protection into 3 of the Oversize inbound conveyors. Conveyors jammed tripping overloads.

Corrective actions

Impact protection was removed and repaired and reinstalled. Damaged conveyor components were removed, repaired and replaced. Equipment was retested and put back into service.



Note: Attach supporting CMSS Maintenance report identifying material costs.

CCD use only Do Not Write Below This Line

Date received _____

Receiving person _____

Follow up person _____

Date sent _____

Comment

END OF REPORT



Denver International Airport
Baggage Handling System
CMMS Maintenance Report

Module 3E
WO 179256
Conveyor TO3-05
Date 6/4/2011

Item code	Description	Qty	Cost	Ext cost
IM2004	6' Impact protection	1	412.46	412.46
MISC	Welding rods	4	4.25	17.00
R1117	OS IB Roller	3	600.13	1800.39
B104B	Bearings	6	14.21	85.26
Total Cost				<u>2,315.11</u>



BHS O&M Report

Adjustment to Maintenance Schedule

Reference § TS-16.8.12, TS-11.7.2.C
 Month MAY 2011
 Date of report 06/04/2011

Change to Schedule

Item	New Schedule	Effective
Cleaning all MCP and VFD box filters	Weekly	5/28/2011

Improvements

Reduction in particles entering MCP and VFD boxes.

As expected Needs follow up

Change to Schedule

Item	New Schedule	Effective
Replace VFD filters	Every Quarter	5/28/2011

Improvements

Reduction in particles entering VFD boxes.

As expected Needs follow up

Note: Attach new updated procedure

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Date received _____
 Receiving person _____
 Follow up person _____ Date sent _____

Comment

END OF REPORT



BHS O&M Report

Unscheduled Corrective Action

Reference § 16.8.13, § TS-11.9.2.A.
 Month MAY 2011
 Date of report 06/04/2011

<u>Item</u>	<u>Reported</u>	<u>Completed by</u>
1WSL1-11 Clutch/brake not operating correctly	06/04/2011	06/04/2011

Fault/actions taken.

Inspection identified that the brake was slow to engage causing bags to overrun onto the downstream conveyor.
 Bags would be lost at 1WSL1-11 and recovered at 1WSL-12. Replacing the rectifier resolved the problem, the
 brake engages rapidly and all bags stop on 1WSL1-11 when required.

Impact to stake holders.

Bags which became lost would be routed to CBRA as lost bags causing additional work for TSA.

Replacement parts

<u>Item</u>	<u>Qty</u>	<u>Cost</u>
C/B rectifier	1	104.12
	Sub total	104.12

Manpower usage

<u>Who</u>	<u>Work done</u>	<u>Man hours</u>
Machinery Maint Mechanic	Fault finding, replace faulty equipment, testing.	1.5
Supervisor,	Testing, verification	0.5
	Total	1.5

Note: Attach maintenance schedule.
 Attach daily inspection sheets for past 7 days.

Keep with next page



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Date received _____

Receiving person _____

Follow up person _____ Date sent _____

Comment

END OF REPORT



BHS O&M Report

Emergency BHS Modification

Reference § TS-16.8.14, § TS-21.2.A
 Month MAY 2011
 Date of report 06/04/2011

Item

Hazard strips

Work completed.

Yellow safety striping was added to a section of the 1W L4 mezzanine to improve visibility of changes in floor Levels.

Reason for work.

An accident occurred 06/03/2011 where a third party tripped moving from one are to another on L4 of the 1W mezzanine

Replacement parts

<u>Item</u>	<u>Qty</u>	<u>Cost</u>
<u>Yellow safety paint</u>	<u>¼ gallon</u>	<u>14.25</u>
<u>Brush cleaning fluid</u>	<u>¼ gallon</u>	<u>8.10</u>
	<u>Sub total</u>	<u>22.35</u>

Manpower usage

<u>Who</u>	<u>Work done</u>	<u>Man hours</u>	<u>Cost</u>
<u>Machinery Maint Mechanic</u>	<u>Painting</u>	<u>3.5</u>	<u>0.00</u>
<u>Supervisor,</u>	<u>Supervision</u>	<u>0.5</u>	<u>0.00</u>
	<u>Total</u>	<u>4.0</u>	<u>0.00</u>

Keep with next page



CCD use only Do Not Write Below This Line

Date received _____

Receiving person _____

Follow up person _____ Date sent _____

Comment

END OF REPORT



BHS O&M Report

Request for BHS Modification

Reference § TS-16.8.15, § TS-21.3.
 Month MAY 2011
 Date of report 06/04/2011

Identified problem.

Bags tumble at the junction between 1WMU1EN-26 and 1WMU1EN-27. Occasionally this is the last bag of operations, the line times out and the bag is not delivered to the MU device until operations start the following morning and a bag catches it.

Work to do.

Relocate the existing photocell on 1WMU1EN-26 so that it detects bags tumbling, generate a jam and reports a fault to operations to investigate.

Time schedule.

Work can be done during non-operational hours, anticipated time less than 2 hours for 2 men (total 4 man hrs)
 Similar locations have been identified in 1E and 2E, each requiring 2 hour each (total 8 man hours).

Replacement parts

<u>Item</u>	<u>Qty</u>	<u>Cost</u>
None	0	0.00
Sub total		0.00

Manpower usage

<u>Who</u>	<u>Work done</u>	<u>Man hours</u>	<u>Cost</u>
Machinery Maint Mechanic	Relocate	12.0	0.00
Supervisor	Testing, evaluation	1.5	0.00
Total		13.5	0.00

Attach: Rollback plan
 Detailed schedule of work
 Detailed follow up schedule



Keep with next page

CCD use only Do Not Write Below This Line

Date received _____
Receiving person _____
Follow up person _____ Date sent _____

Comment

Authorized to Proceed Requires more supporting information (see comment) Not authorized to proceed

Authorizing person PRINT NAME SIGNATURE

END OF REPORT



CCD use only Do Not Write Below This Line

Date received _____

Receiving person _____

Follow up person _____ Date sent _____

Comment

END OF REPORT



BHS O&M Report

Staffing Schedule

Reference § TS-16.8.17, § TS-6.1.J

Month MAY 2011

Date of report 06/04/2018

Period From 07/01/2018

Period To (Leave BLANK if OPEN)

	Shift 1		Shift 1A	Shift 2		Shift 2A		Shift 3	Shift 3A		Shift 4		Shift 4A	
	Days	SMT	W	SMT	W	TFS	W	TFS	W	TFS	W			
	Period	22:00-10:15	22:00-04:15	10:00-22:15	04:00-10:15	22:00-10:15	10:00-16:15	10:00-22:15	16:00-22:15					
Supervisor	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Control room (MMM)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Control System Technician	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Machinery Mechanic #1	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Machinery Mechanic #2	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Machinery Mechanic #3	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Machinery Mechanic #4	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Entry Mechanic #1	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Entry Mechanic #2						(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Safety Officer	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Other #1	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	
Other #2	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	(Name)	

CCD use only Do Not Write Below This Line

Date received _____

Receiving person _____

Follow up person _____

Date sent _____

Comment

END OF REPORT

Summary Details - C-CBRA

ATR	4 Ea
BHS-Conveyor-Curve-Horizontal 15 Deg	1 Ea
BHS-Conveyor-Curve-Horizontal 30 Deg	15 Ea
BHS-Conveyor-Curve-Horizontal 45 Deg	75 Ea
BHS-Conveyor-Curve-Horizontal 60 Deg	3 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	41 Ea
BHS-Conveyor-Curve-Spiral 30 Deg	16 Ea
BHS-Conveyor-Curve-Spiral 45 Deg	19 Ea
BHS-Conveyor-Curve-Spiral 90 Deg	33 Ea
BHS-CONVEYOR-Divert-Conveyor-45	4 Ea
BHS-CONVEYOR-Divert-Conveyor-90	7 Ea
BHS-CONVEYOR-Divert-Standard	5 Ea
BHS-Conveyor-Incline-Breakover-Standard	64 Ea
BHS-Conveyor-Incline-Divert-Straight	2 Ea
BHS-Conveyor-Incline-Straight-Standard	64 Ea
BHS-Conveyor-Merge-Standard	19 Ea
BHS-Conveyor-Que 42"	86 Ea
BHS-Conveyor-Que 48"	6 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	9 Ea
BHS-Conveyor-Straight-Standard	249 Ea
BHS-Conveyor-VertiCross	1 Ea
BHS-Conveyor-VertiSorter-Oddsize	1 Ea
BHS-Conveyor-VertiSorter-Standard	7 Ea
BMA	2 Ea
Que	1 Ea
Que Beumer Load/Unload	1 Ea
Security Door Std	1 Ea
Motor 1HP	238 Ea
Motor 1.5HP	163 Ea
Motor 2HP	146 Ea
Motor 2.5HP	69 Ea
Motor 3HP	97 Ea
Motor 6.5HP	8 Ea
Motor 7.5HP	9 Ea
Conveyor Length, Straight	4274 lf
Conveyor Length, Incline/Decline	2681 lf
Conveyor Length, Total	8894 lf

Existing Conveyor Removed

(Mid-2018)

BHS-Conveyor-Curve-Horizontal 45 Deg	15 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	2 Ea
BHS-Conveyor-Curve-Spiral 135 Deg	1 Ea
BHS-Conveyor-Curve-Spiral 45 Deg	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg	3 Ea
BHS-Conveyor-Divert-Conveyor-45	1 Ea
BHS-Conveyor-Incline-Breakover-Oddsize	1 Ea
BHS-Conveyor-Incline-Breakover-Standard	7 Ea
BHS-Conveyor-Incline-Straight-Standard	5 Ea
BHS-Conveyor-Merge-Standard	4 Ea
BHS-Conveyor-Que 42"	10 Ea
BHS-Conveyor-Straight-Oddsize	5 Ea
BHS-Conveyor-Straight-Standard	11 Ea
Conveyor Length, Straight	233 lf
Conveyor Length, Incline/Decline	248 lf
Conveyor Length, Total	672 lf

Details by MOD

MOD 1E

9/26/2018

	Qty
BHS-ATR	1 Ea
BHS-Conveyor-Curve-Horizontal 30 Deg	6 Ea
BHS-Conveyor-Curve-Horizontal 45 Deg	11 Ea
BHS-Conveyor-Curve-Horizontal 60 Deg	1 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	3 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg / Rad	2 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	5 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/12"	1 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/9"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/18"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	4 Ea
BHS-CONVEYOR-Divert 90-Standard	1 Ea
BHS-CONVEYOR-Divert-Conveyor-90	1 Ea
BHS-CONVEYOR-Divert-Standard	2 Ea
BHS-Conveyor-Incline-Breakover-Standard	13 Ea
BHS-Conveyor-Incline-Straight-Standard	11 Ea
BHS-Conveyor-Merge-Standard	5 Ea
BHS-Conveyor-Que 42"	25 Ea
BHS-Conveyor-Que 48"	3 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	2 Ea
BHS-Conveyor-Straight-Standard	61 Ea
BHS-Conveyor-VertiCross	1 Ea
BHS-Conveyor-VertiSorter-Oddsize	1 Ea
BHS-Conveyor-VertiSorter-Standard	1 Ea
BMA	2 Ea
Que	1 Ea
Security Door Std	1 Ea
Motor 1HP	55 Ea
Motor 1.5HP	40 Ea
Motor 2HP	29 Ea
Motor 2.5HP	17 Ea
Motor 3HP	16 Ea
Motor 6.5HP	3 Ea
Motor 7.5HP	3 Ea
Conveyor Length, Straight	1004 lf
Conveyor Length, Incline/Decline	484 lf
Conveyor Length, Total	1892 lf

MOD 2E

8/3/2018

	Qty
BHS-ATR	1 Ea
BHS-Conveyor-Curve-Horizontal 45 Deg	10 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	7 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg / Rad	2 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	2 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/12"	2 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/6"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	4 Ea
BHS-CONVEYOR-Divert-Conveyor-45	3 Ea
BHS-CONVEYOR-Divert-Conveyor-90	3 Ea
BHS-Conveyor-Incline-Breakover-Standard	13 Ea
BHS-Conveyor-Incline-Straight-Standard	6 Ea
BHS-Conveyor-Merge-Standard	3 Ea
BHS-Conveyor-Que 42"	6 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	1 Ea
BHS-Conveyor-Straight-Standard	39 Ea
BHS-Conveyor-VertiSorter-Standard	1 Ea
Motor 1HP	30 Ea
Motor 1.5HP	27 Ea
Motor 2HP	19 Ea
Motor 2.5HP	5 Ea
Motor 3HP	22 Ea
Motor 6.5HP	0 Ea
Motor 7.5HP	1 Ea
Conveyor Length, Straight	674 lf
Conveyor Length, Incline/Decline	466 lf
Conveyor Length, Total	1418 lf

MOD 3E

7/31/2018

	Qty
ATR	1 Ea
BHS-Conveyor-Curve-Horizontal 15 Deg	1 Ea
BHS-Conveyor-Curve-Horizontal 30 Deg	4 Ea
BHS-Conveyor-Curve-Horizontal 45 Deg	6 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	7 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg / Rad	2 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	2 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/12"	2 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	3 Ea
BHS-CONVEYOR-Divert 90-Standard	1 Ea
BHS-Conveyor-Incline-Breakover-Standard	6 Ea
BHS-Conveyor-Incline-Divert-Straight	2 Ea
BHS-Conveyor-Incline-Straight-Standard	5 Ea
BHS-Conveyor-Merge-Standard	2 Ea
BHS-Conveyor-Que 42"	11 Ea
BHS-Conveyor-Straight-Standard	22 Ea
Motor 1HP	24 Ea
Motor 1.5HP	28 Ea
Motor 2HP	10 Ea
Motor 2.5HP	4 Ea
Motor 3HP	9 Ea
Motor 6.5HP	1 Ea
Motor 7.5HP	0 Ea
Conveyor Length, Straight	390 lf
Conveyor Length, Incline/Decline	197 lf
Conveyor Length, Total	817 lf

MOD 1W

8/23/2018

	Qty
BHS-Conveyor-Curve-Horizontal 45 Deg	12 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	1 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg / Rad	2 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	2 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/12"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	4 Ea
BHS-CONVEYOR-Divert 90-Standard	1 Ea
BHS-CONVEYOR-Divert-Standard	1 Ea
BHS-Conveyor-Incline-Breakover-Standard	6 Ea
BHS-Conveyor-Incline-Straight-Standard	10 Ea
BHS-Conveyor-Merge-Standard	3 Ea
BHS-Conveyor-Que 42"	13 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	2 Ea
BHS-Conveyor-Straight-Standard	28 Ea
Que Beumer Load/Unload	1 Ea
BHS-Conveyor-Que 48"	3 Ea
Motor 1HP	35 Ea
Motor 1.5HP	16 Ea
Motor 2HP	18 Ea
Motor 2.5HP	2 Ea
Motor 3HP	17 Ea
Motor 6.5HP	2 Ea
Motor 7.5HP	0 Ea
Conveyor Length, Straight	536 lf
Conveyor Length, Incline/Decline	320 lf
Conveyor Length, Total	1095 lf

MOD 2W

6/5/2018

	Qty
BHS-ATR	1 Ea
BHS-Conveyor-Curve-Horizontal 30 Deg	5 Ea
BHS-Conveyor-Curve-Horizontal 45 Deg	23 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	7 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/6"	1 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	2 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/12"	5 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/15"	1 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/17"	1 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/6"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/12"	2 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	3 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/30"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/36"	2 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/6"	1 Ea
BHS-CONVEYOR-Divert-Standard	1 Ea
BHS-Conveyor-Incline-Breakover-Standard	16 Ea
BHS-Conveyor-Incline-Straight-Standard	14 Ea
BHS-Conveyor-Merge-Standard	3 Ea
BHS-Conveyor-Que 42"	14 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	2 Ea
BHS-Conveyor-Straight-Standard	67 Ea
BHS-Conveyor-VertiSorter-Standard	3 Ea
Motor 1HP	57 Ea
Motor 1.5HP	39 Ea
Motor 2HP	31 Ea
Motor 2.5HP	25 Ea
Motor 3HP	19 Ea
Motor 6.5HP	1 Ea
Motor 7.5HP	3 Ea
Conveyor Length, Straight	1142 lf
Conveyor Length, Incline/Decline	605 lf
Conveyor Length, Total	2180 lf

MOD 3W

4/4/2018

	Qty
BHS-Conveyor-Curve-Horizontal 45 Deg	13 Ea
BHS-Conveyor-Curve-Horizontal 60 Deg	2 Ea
BHS-Conveyor-Curve-Horizontal 90 Deg	8 Ea
BHS-Conveyor-Curve-Spiral 30 Deg/8"	2 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/12"	4 Ea
BHS-Conveyor-Curve-Spiral 45 Deg/2"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/12"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/16"	1 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/24"	3 Ea
BHS-Conveyor-Curve-Spiral 90 Deg/6"	1 Ea
BHS-CONVEYOR-Divert-Conveyor-45	1 Ea
BHS-CONVEYOR-Divert-Standard	1 Ea
BHS-Conveyor-Incline-Breakover-Standard	10 Ea
BHS-Conveyor-Incline-Straight-Standard	18 Ea
BHS-Conveyor-Merge-Standard	3 Ea
BHS-Conveyor-Que 42"	17 Ea
BHS-Conveyor-Reciprocating Lift Conveyor	2 Ea
BHS-Conveyor-Straight-Standard	32 Ea
BHS-Conveyor-VertiSorter-Standard	2 Ea
Motor 1HP	37 Ea
Motor 1.5HP	13 Ea
Motor 2HP	39 Ea
Motor 2.5HP	16 Ea
Motor 3HP	14 Ea
Motor 6.5HP	1 Ea
Motor 7.5HP	2 Ea
Conveyor Length, Straight	529 lf
Conveyor Length, Incline/Decline	610 lf
Conveyor Length, Total	1492 lf

Existing Conveyor Removed - Detail

(Mid-2018)

Conveyor ID	Motor HP
2ECCI3-02	2
2ECCI3-03	2
2ECCI3-04	2
2ECCI3-05	2
2ECCI3-06	2
2ECCI3-07	2
2ECCI3-08	2
2ECCI3-09	2
2ELSS1-32	3
2ELSS1-33	2
2EX3E-01	3
2EX3E-02	2
2EX3E-03	2
2EX3E-04	2
2EX3E-05	2
2EX3E-06	2
2EX3E-07	2
2EX3E-08	2
2EX3E-09	2
2EX3E-10	2
3EOS-CLR-05	3
3EOS-CLR-07	3
3EOS-CLR-08	2
3EOS-CLR-09	2
3EOS-CLR-10	2
3EOS-CLR-11	3
3ERC-06	2
3ERC-07	2
3ERC-08	2
3ERC-09	2
3ERC-10	2
3ERC-11	2
3ETSA-06	2
3ETSA-07	2
3ETSA-08	2
3ETSA-09	2
3ETSA-10	2
3ETSA-11	2
3ETSA-12	2
3ETSA-13	2
3ETSA-14	2
3ETSA-15	2
EOS1-17	2
EOS1-18	2
EOS1-19	2
EOS1-20	2
EOS1-21	2
EOS1-22	2
EOS-CLR-27	3
SP2A-01	2
SP3A-01	2
SP3A-02	2
SP3A-03	2
SP3A-04	2
SP3A-05	2
SP3A-06	2
SP3A-07	2
SP3A-08	2
SP3A-09	3
SP3A-10	2
SP5A-02	2

SP5A-03	2
SP5A-04	2
SP5A-05	2
SP5A-06	2
T5-13	2.5

Summary Details - Level 5.5

ATR	10 Ea
Conveyor - BreakOver	2 Ea
Conveyor - DivertMerge_45°	2 Ea
Conveyor - HSD Divert_45°	1 Ea
Conveyor - HSD Divert_90°	15 Ea
Conveyor - Incline/Decline	30 Ea
Conveyor - Merge	17 Ea
Conveyor - PowerCurve_30°	10 Ea
Conveyor - PowerCurve_45°	60 Ea
Conveyor - PowerCurve_90°	45 Ea
Conveyor - Queue	157 Ea
Conveyor - SpiralCurve_45°	2 Ea
Conveyor - SpiralCurve_90°	8 Ea
Conveyor - Standard	122 Ea

Motor 1HP	224 Ea
Motor 1.5HP	83 Ea
Motor 2HP	50 Ea
Motor 2.5HP	35 Ea
Motor 3HP	63 Ea
Motor 6.5HP	16 Ea

Conveyor Length, Straight	3179 lf
Conveyor Length, Incline/Decline	385 lf
Conveyor Length, Total	5318 lf

Existing Conveyor Removed (Mid-2018)

Conveyor - PowerCurve_45°	1 Ea
Conveyor - Standard	3 Ea
Conveyor - Merge	2 Ea

Conveyor Length, Straight	38 lf
Conveyor Length, Total	57 lf

Details by MOD

MOD 1E

8/23/2019

	Qty
ATR	1 Ea
Conveyor - HSD Divert_90°	2 Ea
Conveyor - Incline/Decline	8 Ea
Conveyor - PowerCurve_30°	2 Ea
Conveyor - PowerCurve_45°	2 Ea
Conveyor - PowerCurve_90°	4 Ea
Conveyor - Queue	7 Ea
Conveyor - SpiralCurve_90°/18"	1 Ea
Conveyor - Standard	9 Ea
Motor 1HP	14 Ea
Motor 1.5HP	6 Ea
Motor 2HP	4 Ea
Motor 2.5HP	3 Ea
Motor 3HP	6 Ea
Motor 6.5HP	2 Ea
Conveyor Length, Straight	283 lf
Conveyor Length, Incline/Decline	113 lf
Conveyor Length, Total	495 lf

MOD 2E

8/1/2018

	Qty
ATR	2 Ea
Conveyor - BreakOver	2 Ea
Conveyor - DivertMerge_45°	1 Ea
Conveyor - HSD Divert_90°	3 Ea
Conveyor - Incline/Decline	5 Ea
Conveyor - Merge	4 Ea
Conveyor - PowerCurve_30°	4 Ea
Conveyor - PowerCurve_45°	14 Ea
Conveyor - PowerCurve_90°	12 Ea
Conveyor - Queue	39 Ea
Conveyor - SpiralCurve_90°/6"	1 Ea
Conveyor - Standard	29 Ea
Motor 1HP	58 Ea
Motor 1.5HP	20 Ea
Motor 2HP	15 Ea
Motor 2.5HP	5 Ea
Motor 3HP	13 Ea
Motor 6.5HP	3 Ea
Conveyor Length, Straight	678 lf
Conveyor Length, Incline/Decline	28 lf
Conveyor Length, Total	1187 lf

MOD 3E

3/6/2019

	Qty
ATR	2 Ea
Conveyor - HSD Divert_90°	4 Ea
Conveyor - Incline/Decline	4 Ea
Conveyor - Merge	5 Ea
Conveyor - PowerCurve_45°	11 Ea
Conveyor - PowerCurve_90°	8 Ea
Conveyor - Queue	37 Ea
Conveyor - SpiralCurve_45°/12"	1 Ea
Conveyor - SpiralCurve_90°/24"	1 Ea
Conveyor - SpiralCurve_90°/6"	1 Ea
Conveyor - Standard	22 Ea
Motor 1HP	46 Ea
Motor 1.5HP	16 Ea
Motor 2HP	7 Ea
Motor 2.5HP	7 Ea
Motor 3HP	14 Ea
Motor 6.5HP	4 Ea
Conveyor Length, Straight	624 lf
Conveyor Length, Incline/Decline	56 lf
Conveyor Length, Total	1055 lf

MOD 1W

1/2/2019

	Qty
ATR	1 Ea
Conveyor - HSD Divert_90°	2 Ea
Conveyor - Incline/Decline	10 Ea
Conveyor - PowerCurve_30°	2 Ea
Conveyor - PowerCurve_45°	2 Ea
Conveyor - PowerCurve_90°	5 Ea
Conveyor - Queue	7 Ea
Conveyor - Standard	12 Ea
Motor 1HP	14 Ea
Motor 1.5HP	7 Ea
Motor 2HP	6 Ea
Motor 2.5HP	5 Ea
Motor 3HP	6 Ea
Motor 6.5HP	2 Ea
Conveyor Length, Straight	358 lf
Conveyor Length, Incline/Decline	139 lf
Conveyor Length, Total	596 lf

MOD 2W

8/31/2018

	Qty
ATR	2 Ea
Conveyor - DivertMerge_45°	1 Ea
Conveyor - HSD Divert_45°	1 Ea
Conveyor - HSD Divert_90°	2 Ea
Conveyor - Incline/Decline	2 Ea
Conveyor - Merge	4 Ea
Conveyor - PowerCurve_30°	2 Ea
Conveyor - PowerCurve_45°	19 Ea
Conveyor - PowerCurve_90°	10 Ea
Conveyor - Queue	32 Ea
Conveyor - SpiralCurve_45°/2"	1 Ea
Conveyor - SpiralCurve_90°/18"	1 Ea
Conveyor - SpiralCurve_90°/24"	1 Ea
Conveyor - Standard	29 Ea
Motor 1HP	49 Ea
Motor 1.5HP	21 Ea
Motor 2HP	11 Ea
Motor 2.5HP	7 Ea
Motor 3HP	14 Ea
Motor 6.5HP	3 Ea
Conveyor Length, Straight	703 lf
Conveyor Length, Incline/Decline	23 lf
Conveyor Length, Total	1114 lf

MOD 3W

7/23/2019

	Qty
ATR	2 Ea
Conveyor - HSD Divert_90°	2 Ea
Conveyor - Incline/Decline	1 Ea
Conveyor - Merge	4 Ea
Conveyor - PowerCurve_90°	6 Ea
Conveyor - PowerCurve_45°	12 Ea
Conveyor - Queue	35 Ea
Conveyor - SpiralCurve_90°/12"	1 Ea
Conveyor - SpiralCurve_90°/24"	1 Ea
Conveyor - Standard	21 Ea
Motor 1HP	43 Ea
Motor 1.5HP	13 Ea
Motor 2HP	7 Ea
Motor 2.5HP	8 Ea
Motor 3HP	10 Ea
Motor 6.5HP	2 Ea
Conveyor Length, Straight	533 lf
Conveyor Length, Incline/Decline	27 lf
Conveyor Length, Total	871 lf

Existing Conveyor Removed - Detail (Mid-2018)

Conveyor ID	Motor HP
T3-04	1
T3-05	1
T3-06	1.5
T3-07	3
T6-07	3
T8-05	2.5

EXHIBIT B
SCHEDULE OF PRICES – BHS

ITEM #1

Monthly Charge for maintenance, repair, and operational services for the Baggage Handling System at Denver International Airport as outlined in the Technical Specifications—this price is inclusive of any overtime compensation owed to contractor employees for work covered by this agreement

YEAR	Monthly Price	Yearly Price
Year 1		
Year 2		
Year 3		
Year 4 (renewal year)		
Year 5 (renewal year)		

ITEM #2

Spare parts to be reimbursed at cost with approved supporting documentation.

ITEM #3

Billable charge for services not covered by this agreement by position – these rates will also be used to deduct the monthly invoices for staffing deficiencies as stated in Section 6.6 of the Technical Specifications

Position	Year 1	Year 2	Year 3	Year 4	Year 5
Site Manager					
Office Manager					
Parts Technician – Regular					
Parts Technician – Shift Differential					
Supervisors – Regular					
Supervisors – Shift Differential					
Control Systems Technician – Regular					
Control Systems Technician – Shift Differential					
Machinery Maintenance Mechanic – Regular					
Machinery Maintenance Mechanic – Shift Differential					
Entry Support Mechanic – Regular					
Entry Support Mechanic – Shift Differential					

ITEM #4

Proposers may add additional position types as needed below.

Additional Positions	Year 1	Year 2	Year 3	Year 4	Year 5

Contractor's Proposed Staffing Plan

Staffing Plan								
Denver								
1st Shift	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
1	Manager		ON	ON	ON	ON	ON	
2	Analyst Manager (Reports)			0800-1700	0800-1700	0800-1700	0800-1700	0800-1700
3	Office Manager		0700-1600	0700-1600	0700-1600	0700-1600	0700-1600	
4	Database Manager (CMMS)	0800-1700	0800-1700	0800-1700	0800-1700	0800-1700		
5	Parts Technician		0900-1800	0900-1800	0900-1800	0900-1800		
6	Supervisor	0000-1230	0000-1230	0000-1230	0000-0600			
7	Supervisor				0600-1200	0000-1230	0000-1230	0000-1230
8	Control Systems Technician	0000-1230	0000-1230	0000-1230	0000-0600			
9	Control Systems Technician	0000-1230	0000-1230	0000-1230	0000-0600			
10	Control Systems Technician				0600-1200	0000-1230	0000-1230	0000-1230
11	Control Systems Technician				0600-1200	0000-1230	0000-1230	0000-1230
12	Control Room Operator	0000-1230	0000-1230	0000-1230	0000-0600			
13	Control Room Operator				0600-1200	0000-1230	0000-1230	0000-1230
14	Machinery Maintenance Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
15	Machinery Maintenance Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
16	Machinery Maintenance Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
17	Machinery Maintenance Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
18	Machinery Maintenance Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
19	Machinery Maintenance Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
20	Machinery Maintenance Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
21	Machinery Maintenance Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
22	Machinery Maintenance Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
23	Entry Support Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
24	Entry Support Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
25	Entry Support Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
26	Entry Support Mechanic	0000-1230	0000-1230	0000-1230	0000-0600			
27	Entry Support Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
28	Entry Support Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
29	Entry Support Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
30	Entry Support Mechanic				0600-1200	0000-1230	0000-1230	0000-1230
2nd Shift	Sun	Mon	Tue	Wed	Thu	Fri	Sat	
31	Supervisor	1200-0030	1200-0030	1200-0030	1200-1800			
32	Supervisor				1800-2400	1200-0030	1200-0030	1200-0030
33	Control Systems Technician	1200-0030	1200-0030	1200-0030	1200-1800			
34	Control Systems Technician	1200-0030	1200-0030	1200-0030	1200-1800			
35	Control Systems Technician				1800-2400	1200-0030	1200-0030	1200-0030
36	Control Systems Technician				1800-2400	1200-0030	1200-0030	1200-0030
37	Control Room Operator	1200-0030	1200-0030	1200-0030	1200-1800			
38	Control Room Operator				1800-2400	1200-0030	1200-0030	1200-0030
39	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
40	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
41	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
42	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
43	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
44	Machinery Maintenance Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
45	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
46	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
47	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
48	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
49	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
50	Machinery Maintenance Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
51	Entry Support Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
52	Entry Support Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
53	Entry Support Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
54	Entry Support Mechanic	1200-0030	1200-0030	1200-0030	1200-1800			
55	Entry Support Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
56	Entry Support Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
57	Entry Support Mechanic				1800-2400	1200-0030	1200-0030	1200-0030
58	Entry Support Mechanic				1800-2400	1200-0030	1200-0030	1200-0030

Position	#
Manager	1
Analyst Manager (Reports)	1
Office Manager	1
Database Manager (CMMS)	1
Parts Technician	1
Supervisor	4
Control Systems Technician	8
Control Room Operator	4
Machinery Maintenance Mechanic	21
Entry Support Mechanic	16
Total	58

II. ADDITIONAL COVERAGE

Excess/Umbrella Liability

Minimum Limits of Liability (In Thousands):

Umbrella Liability Controlled Area	Each Occurrence and aggregate	\$9,000
Umbrella Liability Non-Controlled Area	Each Occurrence and aggregate	\$1,000

The policy must provide the following:

1. Coverage must be written on a "follow form" or broader basis.
2. Any combination of primary and excess coverage may be used to achieve required limits.
3. If operations include unescorted airside access at DIA, then a \$9 million Umbrella Limit is required.

Professional Liability (Errors and Omissions)

Minimum Limits of Liability (In Thousands)

Per Claim	\$1,000
Aggregate	\$1,000

The policy must provide the following:

1. Policies written on a claims-made basis must remain in force for three years extended reporting period in accordance with CRS 13-80-104.
2. If the coverage is written on a claims-made basis the Insured warrants that any retroactive date applicable to coverage under the policy precedes the effective date of this Contract.

III. ADDITIONAL CONDITIONS

It is understood and agreed, for the benefit of the City, that the following additional conditions shall apply to all coverage specified herein:

1. For Commercial General Liability, Auto Liability and Excess Liability/Umbrella (if required), Contractor and subcontractor's insurer(s) shall include the City and County of Denver, its elected and appointed officials, employees and volunteers as additional insured.
2. All coverage provided herein shall be primary and any insurance maintained by the City shall be considered excess.
3. For all coverages required under this Agreement, Contractor's insurer shall waive subrogation rights against the City.
4. The City shall have the right to verify or confirm, at any time, all coverage, information or representations contained herein, and the insured and its undersigned agent shall promptly and fully cooperate in any such audit the City may elect to undertake.
5. The required insurance shall be underwritten by an insurer licensed or authorized to do business in Colorado and rated by A.M. Best Company as "A-"VIII or better.
6. For claims-made coverage, the retroactive date must be on or before the contract date or the first date when any goods or services were provided to the City, whichever is earlier
7. No changes, modifications or interlineations on this document shall be allowed without the review and approval of the Risk Administrator prior to contract execution.

NOTICE OF CANCELLATION

It is understood and agreed that should any Policy issued hereunder be cancelled or non-renewed before the expiration date thereof, or sustain a material change in coverage adverse to the City, the issuing company or its authorized Agent shall give notice to the Department of Aviation in accordance with policy provisions.



DENVER
THE MILE HIGH CITY

TO: All Users of the City of Denver Prevailing Wage Schedules
FROM: Susan Keller, OHR Compensation and Classification
DATE: January 18, 2018
SUBJECT: Latest Update to Prevailing Wage Schedules

Please find an attachment to this memorandum of all the current Office of Human Resources Prevailing Wage Schedules issued in accordance with the City and County of Denver's Revised Municipal Code, Section 20-76(c). This schedule does not include the Davis-Bacon rates. The Davis-Bacon wage rates will continue to be published separately as they are announced.

Modification No. 136
Publication Date: January 18, 2018
(10 pages)

Unless otherwise specified in this document, apprentices shall be permitted only if they are employed pursuant to, and individually registered in, a bona fide apprenticeship program registered with the U.S. Department of Labor. The employer and the individual apprentice must be registered in a program, which has received prior approval, by the U.S. Department of Labor. Any employer, who employs an apprentice and is found to be in violation of this provision, shall be required to pay said apprentice the full journeyman scale.

Attachments as listed above.

APPLIANCE MECHANIC

Effective: 04-06-2017

Last Revision: 02-19-2009

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Appliance Mechanic	\$22.34/hour	\$6.85/hour

Plus 10% shift differential for regularly scheduled hours worked between 6:00 p.m. and 6:00 a.m.

The Appliance Mechanic installs, services and repairs stoves, refrigerators, dishwashing machines, exercise equipment and other electrical household or commercial appliances, using hand tools, test equipment and following wiring diagrams and manufacturer's specifications. Responsibilities include: connects appliance to power source and test meters, such as wattmeter, ammeter, or voltmeter, observes readings on meters and graphic recorders, examines appliance during operating cycle to detect excess vibration, overheating, fluid leaks and loose parts, and disassembles appliances and examines mechanical and electrical parts. Additional duties include: traces electrical circuits, following diagram and locates shorts and grounds, using ohmmeter, calibrates timers, thermostats and adjusts contact points, and cleans and washes parts, using wire brush, buffer, and solvent to remove carbon, grease and dust. Replaces worn or defective parts, such as switches, pumps, bearings, transmissions, belts, gears, blowers and defective wiring, repairs and adjusts appliance motors, reassembles appliance, adjusts pulleys and lubricates moving parts, using hand tools and lubricating equipment.

Note: This position does not perform installations done at new construction.

BAGGAGE HANDLING SYSTEM MAINTENANCE

Effective: 10-19-2017

Last Revision: 9-15-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Entry-Support Mechanic	\$22.32/hour	\$6.99/hour
Machinery Maintenance Mechanic	\$25.68/hour	\$7.37/hour
Controls System Technician	\$30.12/hour	\$7.89/hour

Plus 10% shift differential for regularly scheduled hours worked between 6:00 p.m. and 6:00 a.m.

Entry Support Mechanic

The Entry Support Mechanic (ESM) applies basic mechanical knowledge to perform maintenance and operational tasks on an automated baggage handling system (BHS). Under supervision of a Machinery Maintenance Mechanic (MMM) or Control Systems Technician (CRO) The ESM performs cleaning, routine inspections, preventive, corrective, and emergency maintenance based on an established maintenance program. The MMM clears baggage jams and faults in the BHS and may physically move baggage during failures.

Machinery Maintenance Mechanic

The Machinery Maintenance Mechanic (MMM) applies advanced mechanical knowledge to perform maintenance and operational tasks on an automated baggage handling system (BHS). Performs cleaning of all parts of the BHS, routine inspections, preventive maintenance, corrective maintenance, and emergency maintenance within the BHS based on an established maintenance program. The MMM shall inspect all BHS equipment for proper operation and performance including but not limited to conveyors, lifts, diverters and automatic tag readers. The MMM troubleshoots, repairs, replaces, and rebuilds conveyor components including but not limited to; motors, gearboxes, bearings, rollers, sheaves, hydraulic systems, conveyor belting, clutch brakes, tools, independent carrier systems, and other complex devices using basic hand tools, power tools, welders and specialized tools. The MMM may assist the Control Systems Technician

(CST) with clearing electrical faults and electrical repairs. The MMM reads and interprets manufacturers' maintenance manuals, service bulletins, technical data, engineering data, and other specifications to determine feasibility and method of repairing or replacing malfunctioning or damaged components. The MMM clears baggage jams and faults in the BHS and may physically move baggage during failures. The MMM will operate a Central Monitoring Facility/Control Room, these duties include; using multiple computer systems for monitoring the BHS and running reports, communicating faults in the BHS using a radio and telephone, and communicating with Airport Personnel, Consultants, Transportation Security Administration, and Airline personnel. The MMM performs on-site training of ESM.

Controls System Technician

The Control Systems Technician (CST) applies advanced technical knowledge to perform maintenance and operational tasks on an automated baggage handling system (BHS). Performs all duties assigned to an MMM in addition to the following routine inspections, preventive maintenance, corrective maintenance, and emergency maintenance of complex components within the BHS based on an established maintenance program. The CST is responsible for resolving difficult controls, electrical and mechanical problems. The CST troubleshoots, repairs, replaces, and rebuilds complex electro-mechanical systems and conveyor components including but not limited to; programmable logic controllers, input and output modules, electrical switches, variable frequency drives, 110V AC and 24V DC controls devices, automatic tag readers, electrical control panels, 110V - 480V AC components and motors, gearboxes, bearings, rollers, sheaves, hydraulic systems, conveyor belting, clutch brakes, tools, independent carrier systems, and other complex devices using basic hand tools, power tools, welders and specialized mechanical and electrical tools. The CST reads and interprets manufacturers' maintenance manuals, service bulletins, technical data, engineering data, and other specifications to determine feasibility and method of repairing or replacing malfunctioning or damaged components. The CST clears mechanical, electrical and controls faults, baggage jams and may physically move baggage during failures. The CST performs on-site training and competency evaluations of MMM and ESM.

Note: Incumbents must possess an Electrician's license when work warrants.

BUILDING ENGINEER

Effective: 08-18-2016
 Last Revision: August of 2015

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Building Engineer	\$28.20/hour	\$7.52/hour

This classification of work is responsible for operating, monitoring, maintaining/repairing the facilities mechanical systems to ensure peak performance of the systems. This includes performing P.M. and repair work of the building mechanical systems, inspecting, adjusting, and monitoring the building automation and life safety systems, contacting vendors and place order replacement parts, responding to customer service requests and performing maintenance/repairs in tenant or public spaces, performing routine P.M. i.e. light plumbing and electrical repairs, ballast lamp and tube replacement, operating mechanical systems both on site and via a remote laptop computer, maintaining inventory of spare parts and tools, painting and cleaning mechanical equipment and machine rooms, etc.

CUSTODIANS

Effective: 1-18-2018
Last Revision: 12-1-2016

	<u>Base Wage</u>	<u>Fringes</u>
<u>Custodian I</u>	\$15.08	\$5.43 (Single) \$9.07 (2-party) \$11.72 (Family)
<u>Custodian II</u>	\$15.43	\$5.49 (Single) \$9.13 (2-party) \$11.78 (Family)

Benefits and Overtime

Parking	With valid receipt from approved parking lot, employees are reimbursed the actual monthly cost of parking.
RTD Bus Pass	Employer will provide employees with the Bus Pass or pay (\$0.23) per hour for travel differential.
Shift Differential	2nd shift (2:30 p.m.-10:30 p.m.): \$.50/hr 3rd shift (10:31 p.m.-6:30 a.m.): \$1.00/hr.
Overtime	Time worked in excess of seven and one-half (7 ½) hours in one (1) day or in excess of thirty-seven and one-half (37 ½) hours in one week shall constitute overtime and shall be paid for at the rate of time and one-half (1 ½) at the employee's basic straight time hourly rate of pay.
Lunch	Any employee working seven and a half (7.5) hours in a day is entitled to a thirty (30) minute paid lunch.
Note	The Career Service Board in their public hearing on March 15, 2007 approved to amend prevailing wages paid to the Custodian as follows: "All contractors shall provide fringe benefits or cash equivalent at not less than the single rate amount. Contractors who offer health insurance shall provide an employer contribution to such insurance of not less than the 2-party or family rate for any employee who elects 2-party or family coverage. Contractors who offer such coverage will be reimbursed for their employer contributions at the above rates under any City contract incorporating this wage specification."

Position Descriptions:

Custodian I	Any employee performing general clean-up duties using equipment that does not require special training: i.e., dust mopping, damp mopping, vacuuming, emptying trash, spray cleaning, washing toilets, sinks, walls, cleaning chairs, etc.
Custodian II	Any employee performing specialized cleaning duties requiring technical training and the use of heavy and technical equipment, i.e., heavy machine operators floor strippers and waxers, carpet shampooers, spray buffing, re-lamping, mopping behind machines, high ladder work, chemical stripping and finishing of stainless steel.

DIA OIL & GAS WAGES

Effective: April 2017 (the following rates have not changed for 2017)

Last Revision: 3-17-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Mechanic	\$23.73	\$7.01
Electrician	\$24.90	\$7.14
Pipefitter	\$24.65	\$7.11
Rig/Drill Operator	\$21.87	\$6.79
Derrick Hand/Roustabout	\$13.87	\$5.87
Truck Driver	\$21.63	\$6.77

Service Contract Act Wage Determination No. 2015-5419 Rev No. 2 was used to obtain the base wages and fringe benefits.

HEAVY EQUIPMENT MECHANIC

The Heavy Equipment Mechanic analyzes malfunctions and repairs, rebuilds and maintains power equipment, such as cranes, power shovels, scrapers, paving machines, motor graders, trench-digging machines, conveyors, bulldozers, dredges, pumps, compressors and pneumatic tools. This worker operates and inspects machines or equipment to diagnose defects, dismantles and reassembles equipment, using hoists and hand tools, examines parts for damage or excessive wear, using micrometers and gauges, replaces defective engines and subassemblies, such as transmissions, and tests overhauled equipment to insure operating efficiency. The mechanic welds broken parts and structural members, may direct workers engaged in cleaning parts and assisting with assembly and disassembly of equipment, and may repair, adjust and maintain mining machinery, such as stripping and loading shovels, drilling and cutting machines, and continuous mining machines.

PIPEFITTER, MAINTENANCE

The Pipefitter, Maintenance installs or repairs water, steam, gas or other types of pipe and pipefitting. Work involves most of the following: laying out work and measuring to locate position of pipe from drawings or other written specifications, cutting various sizes of pipe to correct lengths with chisel and hammer, oxyacetylene torch or pipe-cutting machines, threading pipe with stocks and dies. This person is responsible for bending pipe by hand-driven or power-driven machines, assembling pipe with couplings and fastening pipe to hangers, making standard shop computations relating to pressures, flow and size of pipe required; and making standard tests to determine whether finished pipes meet specifications. In general, the work of the Maintenance Pipefitter requires rounded training and experience usually acquired through a formal apprenticeship or equivalent training and experience.

WELL DRILLER

This incumbent sets up and operates portable drilling rig (machine and related equipment) to drill wells, extends stabilizing jackscrews to support and level drilling rig, moves levers to control power-driven winch that raises and extends telescoping mast. This person bolts trusses and guy wires to raise mast and anchors them to machine frame and stakes, and assembles drilling tools, using hand tools or power tools. The Well Driller moves levers and pedals to raise tools into vertical drilling position and lowers well casing (pipe that shores up walls of well) into well bore, using winch, moves levers and pedals and turns hand wells to control reciprocating action of machine and to drive or extract well casing.

LABORER

The Laborer performs tasks that require mainly physical abilities and effort involving little or no specialized skill or prior work experience. The following tasks are typical of this occupation: The Laborer loads and unloads trucks, and other conveyances, moves supplies and materials to proper location by wheelbarrow or hand truck; stacks materials for storage or binning, collects refuse and salvageable materials, and digs, fills, and tamps earth excavations, The Laborer levels ground using pick, shovel, tamper and rake, shovels concrete and snow; cleans culverts and ditches, cuts tree and brush; operates power lawnmowers, moves and arranges heavy pieces of office and household furniture, equipment, and appliance, moves heavy pieces of automotive, medical engineering, and other types of machinery and equipment, spreads sand and salt on icy roads and walkways, and picks up leaves and trash.

TRUCKDRIVER, HEAVY TRUCK

Straight truck, over 4 tons, usually 10 wheels. The Truckdriver drives a truck to transport materials, merchandise, equipment, or workers between various types of establishments such as: manufacturing plants, freight depots, warehouses, wholesale and retail establishments, or between retail establishments and customers' houses or places of business. This driver may also load or unload truck with or without helpers, make minor mechanical repairs, and keep truck in good working order.

ELEVATOR MECHANIC

Effective 1-18-2018, the Elevator Mechanic classification will utilize the base pay and fringe benefits for the Elevator Mechanic classification under the Davis Bacon [Building Wage Determination](#).

FINISHER & JOURNEYMAN (TILE, MARBLE AND TERRAZZO)

Effective: 9-7-2017

Last Revision: 7-21-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Finisher (Tile-Marble-Terrazzo)	\$21.38/hr	\$8.86/hr
Journeyman (Tile, Marble, Terrazzo)	\$27.33/hr	\$8.92/hr

Effective May 1, 2008, Local Union 7 of Colorado combined three classes of Finishers, Floor Grinders, and Base Grinders into Finisher using one pay schedule.

Tile Setter: Applies to workers who apply tile to floors, walls, ceilings, stair treads, promenade roof decks, garden walks, swimming pools and all places where tiles may be used to form a finished surface for practical use, sanitary finish or decorative purpose.

FIRE EXTINGUISHER REPAIRER

Effective Date: 10-19-2017

Last Revision: 08-18-2016

<u>Classification:</u>	<u>Base Wages:</u>	<u>Fringes:</u>
Fire Extinguisher Repairer	\$19.57/hr	\$6.67

The Fire Extinguisher Repairer performs the following duties: repairs and tests fire extinguishers in repair shops and in establishments, such as factories, homes, garages, and office buildings, using hand tools and hydrostatic test equipment, this repairer dismantles extinguisher and examines tubings, horns, head gaskets, cutter disks, and other parts for defects, and replaces worn or damaged parts. Using hand tools, this repairer cleans extinguishers and recharges them with materials, (such as soda water and sulfuric

acid, carbon tetrachloride, nitrogen or patented solutions); tests extinguishers for conformity with legal specifications using hydrostatic test equipment, and may install cabinets and brackets to hold extinguishers.

FUEL HANDLER SERIES

Effective: 1-18-2018

Last Revision: 10-20-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Fuel Distribution System Operator	\$22.28/hour	\$6.98/hour
Lead Fuel Distribution System Operator	\$23.29/hour	\$7.10/hour
Fuel Distribution System Mechanic	\$28.39/hour	\$7.69/hour
Lead Fuel Distribution System Mechanic	\$29.68/hour	\$7.83/hour

Plus 10% shift differential for hours worked between 6:00 p.m. and 6:00 a.m.

Fuel Distribution System Operator:

Receives, stores, transfers, and issues fuel. Performs various testing procedures and documentation on fuel samples. Gauges tanks for water, temperature and fuel levels. Performs temperature and gravity testing for correct weight of fuel. Checks pumping systems for correct operating pressure or unusual noises. Inspects fuel receiving, storage, and distribution facilities to detect leakage, corrosion, faulty fittings, and malfunction of mechanical units, meters, and gauges such as distribution lines, float gauges, piping valves, pumps, and roof sumps. Operates a 24-hour control center; operates various computer equipments to determine potential equipment failure, leak and cathodic protection systems, pump failure, and emergency fuel shutoff systems. Monitors quality of fuel and drains excess condensation from fuel sumps and underground fuel pits. Inspects fuel tank farm for such items as leaks, low pressure, and unauthorized personnel. Performs general housekeeping and grounds maintenance for terminal, pipeline and dock areas, including fuel pits and valve vault cleaning and pump out activities. May connect lines, grounding wires, and loading and off-loading arms of hoses to pipelines. May assist Fuel Distribution System Mechanics by preparing work areas. Maintains record of inspections, observations and test results.

Lead Fuel Distribution System Operator:

Performs lead duties such as making and approving work assignments and conducting on-the-job training as well as performing the various tasks performed by the Operator classification.

Fuel Distribution System Mechanic:

Maintains and repairs fuel storage and distribution systems, equipment and filtration systems, and differential pressure valves. Corrects leakage, corrosion, faulty fittings, and malfunction of mechanical units, meters, and gauges such as distribution lines, float gauges, piping valves, pumps, and roof sumps. Inspects electrical wiring, switches, and controls for safe-operating condition, grounding, and adjustment; may make minor repairs. Lubricates and repacks valves. Lubricates pumps, replaces gaskets, and corrects pumping equipment misalignment. May clean strainers and filters, service water separators, and check meters for correct delivery and calibration. Overhauls system components such as pressure regulating valves and excess valves. Disassembles, adjusts, aligns, and calibrates gauges and meters or replaces them. Removes and installs equipment such as filters and piping to modify system or repair and replace system component. Cleans fuel tanks and distribution lines. Removes corrosion and repaints surfaces. Overhauls vacuum and pressure vents, floating roof seals, hangers, and roof sumps. Some positions maintain fuel-servicing equipment such as hydrant and tanker trucks. Maintains record of inspections and repairs and other related paperwork as required.

Lead Fuel Distribution System Mechanic:

Performs lead duties such as making and approving work assignments and conducting on-the-job training

as well as performing the various tasks performed by the Mechanic classification.

These classifications are recommended to be inclusive and to supersede any previously adopted classifications.

FURNITURE MOVERS

(Moving, Storage and Cartage Workers)

Effective: 1-18-2018
 Last Revision: 10-20-2016

<u>Classification:</u>	<u>Base Wage</u>	<u>Fringes</u>
Laborer/Helper	\$17.36/hour	\$6.41/hour
Driver/Packer	\$17.43/hour	\$6.42/hour
Lead Worker	\$18.22/hour	\$6.51/hour

GLYCOL FACILITY WAGES

Effective: 7-21-2016
 Last Revision: 7-2-2015

<u>Classification:</u>	<u>SCA Title</u>	<u>Base Wage</u>	<u>Fringes</u>	<u>Total</u>
Deicing Facility Operator	Water Treatment Plant Operator	\$25.07	\$7.16	\$32.23
Maintenance Mechanic	Machinery Maintenance Mechanic	\$25.59	\$7.22	\$32.81
Material Handling Laborer	Material Handling Laborer	\$17.36	\$6.27	\$23.63

DEICING FACILITY OPERATOR

The De-Icing Facility Operator is responsible for the safe and efficient daily operation of all Aircraft De-icing Fluid Equipment to include: mechanical vapor recompression (concentrators), distillation, polishing, distribution, and collection systems as well as daily routine chores to include: operating and controlling all facility machines and equipment associates with the Aircraft De-icing Fluid System (ADS). Operate electrical motors, pumps and valves to regulate flow, add specific amounts of chemicals such as Hydrochloric Acid or Sodium Hydroxide to fluid(s) for adjustment as required, turn valves, change filters/activated carbon, and clean tanks as needed to optimize productivity. Monitor panel boards/HMI/PLC's, adjust control flow rates, repairs, and lubricate machinery and equipment using hand powered tools. Test fluids to determine quality controlling methods. Record data as necessary and maintain good housekeeping of the facility.

MAINTENANCE MECHANIC

The position of the Machinery Maintenance Mechanic will be primarily responsible for the routine maintenance and repairs of all facility equipment. Responsible for repairs to machinery and mechanical equipment, examine machines and mechanic equipment to diagnose source of trouble, dismantling or partly dismantling machines and performing repairs that mainly involve the use of hand tools in scraping and fitting parts, replacing broken or defective parts with items obtained from stock, ordering replacement parts, sending parts to a machine shop or equivalent for major repairs, preparing specific written specifications for repairs, SOP's for minor repairs, reassembly of machines and mechanical equipment, and making any necessary adjustments to all equipment for operational optimization.

MATERIAL HANDLING LABORER

The Material Handling Laborer is responsible for the safe and efficient daily documentation/recording of all ADF processors, distillation and polishing systems, as well as the distribution and collection system. Performing physical tasks to transport and/or store materials or fluids. Duties involve one or more of the following: manually loading or unloading trucks, tankers, tanks, totes, drums, pallets, unpacking, placing items on storage bins or proper locations. Utilizing hand carts, forklift, or wheelbarrow. Completing daily fluid inventory, to include tank measuring and completing fluid accountability records. Responsible for the overall

facility housekeeping and general cleanliness. Escort vehicles and tankers in and out of the facility, change out filters as required on all systems, take samples and test for quality control and document the findings.

PARKING ELECTRONICS TECHNICIAN

Effective: 12-7-2017
Last Revision: 10-20-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Parking Electronics Technician	\$24.35/hour	\$7.22/hour

Plus 10% shift differential for regularly scheduled hours worked between 6:00 p.m. and 6:00 a.m.

This classification of work installs, modifies, troubleshoots, repairs and maintains revenue control equipment at manned and unmanned parking entrance and exit gates. Replaces consumable items such as tickets, printer ribbons, and light bulbs. Replaces modules and related equipment as needed to repair existing equipment, modify applications, or resolve unusual problems. Troubleshoots, tests, diagnoses, calibrates, and performs field repairs. Performs preventive maintenance such as inspection, testing, cleaning, lubricating, adjusting and replacing of serviceable parts to prevent equipment failure for electromechanical control in order to minimize repair problems and meet manufacturers' specifications.

PEST CONTROLLER

Effective Date: 10-19-2017
Last Revision: 8-8-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Pest Controller	\$20.41/hour	\$6.77 /hour

The Pest Controller sprays chemical solutions or toxic gases and sets mechanical traps to kill pests that infest buildings and surrounding areas, fumigates rooms and buildings using toxic gases, sprays chemical solutions or dusts powders in rooms and work areas, places poisonous paste or bait and mechanical traps where pests are present; may clean areas that harbor pests, using rakes, brooms, shovels, and mops preparatory to fumigating; and may be required to hold State license

QUALITY CONTROL & ASSURANCE TECHNICIAN

Effective Date: 03/02/2017

Last Revision: This is a new class so there is no prior revision date.

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Quality Control & Assurance Technician	\$21.37/hour	\$6.74 /hour

The Quality Control & Assurance Technician provides support to Inland Technologies operations by independently performing standard analysis on samples related to the manufacture of spent de-icing fluid to a 99% recycled glycol product and waste water discharge. The Quality Control and Assurance Technician will continually look at ways to improve products and processes to exceed customer quality demands and decrease operational costs.

SIGN ERECTOR

Effective: 10-15-2010

Last Revision: 10-15-2009

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Sign Erector	\$20.19/hour	\$3.80/hour

This classification of work erects, assembles, and/or maintains signs, sign structures and/or billboards using various tools. Erects pre-assembled illuminated signs on buildings or other structures according to sketches, drawings, or blueprints. Digs and fills holes, places poles. Bolts, screws, or nails sign panels to sign post or frame. Replaces or repairs damaged or worn signs. May use welding equipment when installing sign. This classification is not a licensed electrician and therefore cannot make connections to power sources (i.e., provide exit lighting).

TRANSIT TECHNICIANS

Effective 1-18-2018, the Transit Technician classification series and associated wages will no longer be published and taken to the Career Service Board because these classifications are no longer being used at this time.

TREE TRIMMERS

Effective: 10-19-2017

Last Revision: 10-15-2010

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Tree Trimmer	\$19.39/hour	\$6.65/hour

This classification of work trims, removes, and applies insecticides to trees and shrubbery including trimming dead, diseased, or broken limbs from trees utilizing rope and saddle, chain, handsaw and other related equipment common to the care of trees and shrubs. Removes limbs, branches and other litter from the work area, observes safety rules, inspects and identifies tree diseases and insects of the area distinguishing beneficial insects and environmental stress, takes samples from diseased or insect infested trees for lab analysis, operates a wide variety of heavy and power equipment in trimming and removing trees and shrubbery i.e. mobile aerial tower unit, tandem trucks, loaders, chipper, etc., maintains all equipments.

WINDOW CLEANERS

Effective: 12-01-2016
Last Revision: 2-18-2016

Classification:	<u>Base Wage</u>	<u>Fringes</u>
Window Cleaner	\$24.79/hour	\$8.39/hr (Single) \$10.47/hr (2-Party) \$12.46/hr (Family)

Benefits/Overtime

Parking	With valid monthly parking receipt from approved parking lot, employees are reimbursed for the cost of parking. The employer shall reimburse employees for parking expenses from other parking lots up to the amount reimbursed for DIA Employee Parking Lot upon the submission of a monthly parking receipt. Only (1) one receipt per month.
Shift Differential	\$0.75 per hour for employees assigned to 3rd shift (11:00 p.m. to 7:00 a.m.)
Overtime	One and one-half (1½) times the basic rate of pay in excess of 7.5 hours worked per day or 37.5 hours worked per week.
Lunch	Any employee working seven and a half (7.5) hours in a day is entitled to a thirty (30) minute paid lunch.
Lead Work	\$1.25 per hour above highest paid employee under supervision
High Work	\$1.75 per hour (21 feet or more from ground (base) to top of surface/structure being cleaned)
Training	\$0.25 per hour
ECOPASS	The Company will provide an Eco-Pass to all bargaining unit employees or pay \$.24 per hour for travel differential.

Note: The Career Service Board in their public hearing on April 3, 2008, approved to amend prevailing wages paid to the Window Cleaners as follows: "All contractors shall provide fringe benefits or cash equivalent at not less than the single rate amount. Contractors who offer health insurance shall provide an employer contribution to such insurance of not less than the 2-party or family rate for any employee who elects 2-party or family coverage. Contractors who offer such coverage will be reimbursed for their employer contributions at the above rates under any City contract incorporating this wage specification."

APPENDIX

Federal Aviation Administration Required Contract Provisions

ALL CONTRACTS – NON-AIP FUNDED

Federal laws and regulations require that recipients of federal assistance (Sponsors) include specific contract provisions in certain contracts, requests for proposals, or invitations to bid.

Certain provisions must be included in all sponsor contracts, regardless of whether or not the contracts are federally-funded. This requirement was established when a sponsor accepted the Airport Improvement Program (AIP) grant assurances.

As used in these Contract Provisions, “Sponsor” means The City and County of Denver, Department of Aviation, and “Contractor” or “Consultant” means the Party of the Second Part as set forth in Contract Number PLANE 201736982-00.

GENERAL CIVIL RIGHTS PROVISIONS

The contractor agrees to comply with pertinent statutes, Executive Orders and such rules as are promulgated to ensure that no person shall, on the grounds of race, creed, color, national origin, sex, age, or disability be excluded from participating in any activity conducted with or benefiting from Federal assistance.

This provision binds the contractor and subtier contractors from the bid solicitation period through the completion of the contract. This provision is in addition to that required of Title VI of the Civil Rights Act of 1964.

Compliance with Nondiscrimination Requirements

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the “contractor”) agrees as follows:

1. **Compliance with Regulations:** The contractor (hereinafter includes consultants) will comply with the Title VI List of Pertinent Nondiscrimination Acts And Authorities, as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.
2. **Non-discrimination:** The contractor, with regard to the work performed by it during the contract, will not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor will not participate directly or indirectly in the discrimination prohibited by the Nondiscrimination Acts and Authorities, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR part 21.
3. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier will be notified by the contractor of the contractor’s obligations under this contract and the Nondiscrimination Acts And Authorities on the grounds of race, color, or national origin.

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4. **Information and Reports:** The contractor will provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and will permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the sponsor or the Federal Aviation Administration to be pertinent to ascertain compliance with such Nondiscrimination Acts And Authorities and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor will so certify to the sponsor or the Federal Aviation Administration, as appropriate, and will set forth what efforts it has made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the sponsor will impose such contract sanctions as it or the Federal Aviation Administration may determine to be appropriate, including, but not limited to:
 - a. Withholding payments to the contractor under the contract until the contractor complies; and/or
 - b. Cancelling, terminating, or suspending a contract, in whole or in part.
6. **Incorporation of Provisions:** The contractor will include the provisions of paragraphs one through six in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor will take action with respect to any subcontract or procurement as the sponsor or the Federal Aviation Administration may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the sponsor to enter into any litigation to protect the interests of the sponsor. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

Title VI List of Pertinent Nondiscrimination Acts and Authorities

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees to comply with the following non-discrimination statutes and authorities; including but not limited to:

- Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d *et seq.*, 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin);
- 49 CFR part 21 (Non-discrimination In Federally-Assisted Programs of The Department of Transportation—Effectuation of Title VI of The Civil Rights Act of 1964);
- The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);

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- Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 *et seq.*), as amended, (prohibits discrimination on the basis of disability); and 49 CFR part 27;
- The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 *et seq.*), (prohibits discrimination on the basis of age);
- Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms “programs or activities” to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);
- Titles II and III of the Americans with Disabilities Act of 1990, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131 – 12189) as implemented by Department of Transportation regulations at 49 CFR parts 37 and 38;
- The Federal Aviation Administration’s Non-discrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures non-discrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 *et seq.*).

FEDERAL FAIR LABOR STANDARDS ACT (FEDERAL MINIMUM WAGE)

All contracts and subcontracts that result from this solicitation incorporate by reference the provisions of 29 CFR part 201, the Federal Fair Labor Standards Act (FLSA), with the same force and effect as if given in full text. The FLSA sets minimum wage, overtime pay, recordkeeping, and child labor standards for full and part time workers.

The [*contractor / consultant*] has full responsibility to monitor compliance to the referenced statute or regulation. The [*contractor / consultant*] must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division

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OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970

All contracts and subcontracts that result from this solicitation incorporate by reference the requirements of 29 CFR Part 1910 with the same force and effect as if given in full text. Contractor must provide a work environment that is free from recognized hazards that may cause death or serious physical harm to the employee. The Contractor retains full responsibility to monitor its compliance and their subcontractor's compliance with the applicable requirements of the Occupational Safety and Health Act of 1970 (29 CFR Part 1910). Contractor must address any claims or disputes that pertain to a referenced requirement directly with the U.S. Department of Labor – Occupational Safety and Health Administration.