

AGREEMENT FOR PROFESSIONAL SERVICES

THIS AGREEMENT FOR PROFESSIONAL SERVICES (“**Agreement**”) is made and entered into as of the date stated on the City’s signature page below (the “**Effective Date**”) by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado acting on behalf of its Department of Aviation (the “**City**”), and **ALSTOM TRANSPORT USA INC**, a Delaware corporation authorized to do business in the State of Colorado (“**Contractor**”) (collectively the “**Parties**”).

WITNESSETH:

WHEREAS, the City owns, operates, and maintains Denver International Airport (“**DEN**”); and

WHEREAS, the City desires to obtain professional services at DEN for the operation and maintenance of the Automated Ground Transportation System (“**AGTS**” or “**System**”) which includes furnishing all labor, tools, supplies, equipment, materials, and related appurtenances at the Airport in accordance with the provisions of this Contract; and

WHEREAS, Contractor is qualified, willing, and able to perform the services, as set forth in this Agreement in a timely, efficient, and economical manner; and

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

1. LINE OF AUTHORITY:

The Chief Executive Officer of the Department of Aviation or their designee or successor in function (the “**CEO**”), authorizes and directs all work performed under this Agreement. Until otherwise notified in writing by the CEO, the CEO has delegated the authority granted herein to Airport Operations. The relevant Senior Vice President or Senior Director (the “**SVP**” or “**Senior Director**”), or their designee (the “**Director**”), will designate a Project Manager to coordinate professional services under this Agreement. Reports, memoranda, correspondence, and other submittals required of Contractor hereunder shall be processed in accordance with the Project Manager’s directions.

2. SCOPE OF WORK AND CONTRACTOR RESPONSIBILITIES:

A. Scope of Services. Contractor shall provide professional services and deliverables for the City as designated by the CEO, from time to time and as described in the attached **Exhibit A** (“**Technical Conditions**”), in accordance with the schedules and budgets set by the City. Without requiring amendment to this Agreement, the City may, through an authorization or similar form issued by the SVP and agreed in writing by Contractor, make minor changes, additions, or deletions to the Scope of Work without change to the Maximum Contract Amount.

B. Standard of Performance. Contractor shall faithfully perform the work required under this Agreement in accordance with the standard of care, skill, efficiency, knowledge,

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

C. Time is of the Essence. Contractor acknowledges that time is of the essence in its performance of all work and obligations under this Agreement. Contractor shall perform all work under this Agreement in a timely and diligent manner.

D. Subcontractors.

i. In order to retain, hire, and/or contract with an outside subcontractor that is not identified in this Agreement for work under this Agreement, Contractor must obtain the prior written consent of the SVP. Contractor shall request the SVP's approval in writing and shall include a description of the nature and extent of the services to be provided; the name, address and professional experience of the proposed subcontractor; and any other information requested by the City.

ii. The SVP shall have the right to reject any proposed outside subcontractor deemed by the SVP to be unqualified or unsuitable for any reason to perform the proposed services. The SVP shall have the right to limit the number of outside subcontractors and/or to limit the percentage of work to be performed by them.

iii. Any final agreement or contract with an approved subcontractor must contain a valid and binding provision whereby the subcontractor waives any and all rights to make any claim of payment against the City or to file or claim any lien or encumbrance against any City property arising out of the performance or non-performance of this Agreement and/or the subcontract.

iv. Contractor is subject to Denver Revised Municipal Code (“**D.R.M.C.**”) § 20-112, wherein Contractor shall pay its subcontractors in a timely fashion. A payment is timely if it is mailed to the subcontractor no later than seven (7) days after receipt of any payment from the City. Any late payments are subject to a late payment penalty as provided in the Denver Prompt Payment Ordinance (D.R.M.C. §§ 20-107 through 20-118).

v. This Section, or any other provision of this Agreement, shall not create any contractual relationship between the City and any subcontractor. The City's approval of a subcontractor shall not create in that subcontractor a right to any subcontract. The City's approval of a subcontractor does not relieve Contractor of its responsibilities under this Agreement, including the work to be performed by the subcontractor.

E. Personnel Assignments.

i. Contractor or its subcontractor(s) shall assign all key personnel identified in this Agreement to perform work under this Agreement (“**Key Personnel**”). Key Personnel shall perform work under this Agreement, unless otherwise approved in writing by the SVP or their authorized representative. In the event that replacement of Key Personnel is necessary, the City in its sole discretion shall approve or reject the replacement, if any, or shall determine that no replacement is necessary.

ii. It is the intent of the Parties that all Key Personnel perform their specialty for all such services required by this Agreement. Contractor and its subcontractor(s) shall retain Key Personnel for the entire Term of this Agreement to the extent practicable and to the extent that such services maximize the quality of work performed.

iii. If, during the Term of this Agreement, the Project Manager determines that the performance of any Key Personnel or other personnel, whether of Contractor or its subcontractor(s), is not acceptable or that any such personnel is no longer needed for performance of any work under this Agreement, the Project Manager shall notify Contractor and may give Contractor notice of the period of time which the Project Manager considers reasonable to correct such performance or remove the personnel, as applicable.

iv. If Contractor fails to correct such performance, then the City may revoke its approval of the Key Personnel or other personnel in question and notify Contractor that such Key Personnel or other personnel will not be retained on this Project. Within ten (10) days of receiving this notice, Contractor shall use its best efforts to obtain adequate substitute personnel who must be approved in writing by the Project Manager. Contractor's failure to obtain the Project Manager's approval shall be grounds for Termination for Cause in accordance with this Agreement.

3. OWNERSHIP AND DELIVERABLES:

Upon payment to Contractor, all records, data, deliverables, and any other work product prepared by Contractor or any custom development work performed by Contractor for the purpose of performing this Agreement on or before the day of the payment, whether a periodic or final payment, shall become the sole property of the City. Upon request by the City, or based on any schedule agreed to by Contractor and the City, Contractor shall provide the City with copies of the data/files that have been uploaded to any database maintained by or on behalf of Contractor or otherwise saved or maintained by Contractor as part of the services provided to the City under this Agreement. All such data/files shall be provided to the City electronically in a format agreed to by the Parties. Contractor also agrees to allow the City to review any of the procedures Contractor uses in performing any work or other obligations under this Agreement, and to make available for inspection any and all notes, documents, materials, and devices used in the preparation for or performance of any of the scope of work, for up to three (3) years after termination of this Agreement. Upon written request from the City, Contractor shall deliver any information requested pursuant to this Section within ten (10) business days in the event a schedule or otherwise agreed-upon timeframe does not exist. Except as expressly stated, nothing herein shall be construed to directly or indirectly grant to a receiving party any title to or ownership of a providing party's intellectual property rights in services or materials furnished by such providing party hereunder.

4. TERM AND TERMINATION:

A. Term. The Term of this Agreement shall commence on January 1, 2025 and shall expire seven (7) years from the Commencement Date, unless terminated in accordance with the terms stated herein (the "**Expiration Date**").

B. If the Term expires prior to Contractor completing the work under this Agreement, subject to the prior written approval of the CEO, this Agreement shall remain in full force and effect until the completion of any services commenced prior to the Expiration Date. Contractor has no right to compensation for services performed after the Expiration Date without such express approval from the CEO.

C. Suspension and Termination.

i. Suspension. The City may suspend performance of this Agreement at any time with or without cause. Upon receipt of notice from the SVP, Contractor shall, as directed in the notice, stop work and submit an invoice for any work performed but not yet billed. Any milestones or other deadlines contained in this Agreement shall be extended by the period of suspension unless otherwise agreed to by the City and Contractor. The Expiration Date shall not be extended as a result of a suspension.

ii. Termination for Convenience. The City may terminate this Agreement at any time without cause upon sixty (60) days prior written notice to Contractor.

iii. Termination for Cause. In the event Contractor fails to perform any provision of this Agreement, the City may either:

- a. Terminate this Agreement for cause with fifteen (15) days prior written notice to Contractor; or
- b. Provide Contractor with written notice of the breach and allow Contractor an Opportunity to Cure.

iv. Opportunity to Cure. Upon receiving the City's notice of breach pursuant to Section 4(C)(iii)(b), Contractor shall have five (5) days to commence remedying its defective performance. If Contractor diligently cures its defective performance to the City's satisfaction within a reasonable time as determined by the City, then this Agreement shall not terminate and shall remain in full force and effect. If Contractor fails to cure the breach to the City's satisfaction, then the City may terminate this Agreement pursuant to Section 4(C)(iii)(a).

v. Compensation for Services Performed Prior to Suspension or Termination Notice. If this Agreement is suspended or terminated, the City shall pay Contractor the reasonable cost of only those services performed to the satisfaction of the CEO prior to the notice of suspension or termination plus, in the event of suspension, reasonable costs for demobilization and remobilization costs. Contractor shall submit a final invoice for these costs within thirty (30) days of the date of the notice. Contractor has no right to compensation for services performed after the notice unless directed to perform those services by the City as part of the suspension or termination process or as provided in Section 4(C)(vi) below.

vi. Reimbursement for Cost of Orderly Termination. In the event of Termination for Convenience of this Agreement pursuant to Section 4(C)(ii), Contractor

may request reimbursement from the City of the reasonable costs of orderly termination associated with the Termination for Convenience as part of its submittal of costs pursuant to Section 4(C)(v). In no event shall the total sums paid by the City pursuant to this Agreement, including Sections 4(C)(v) and (C)(vi), exceed the Maximum Contract Amount.

vii. No Claims. Upon termination of this Agreement, Contractor shall have no claim of any kind against the City by reason of such termination or by reason of any act incidental thereto other than for those costs set forth in this Section 4.C. Contractor shall not be entitled to loss of anticipated profits or any other consequential damages as a result of termination.

D. Remedies. In the event Contractor breaches this Agreement, Contractor shall be liable to the City for all costs of correcting defective work without additional compensation, including but not limited to additional costs incurred by the City, its tenants, or its other contractors arising out of Contractor's defective work. These remedies are in addition to, and do not limit, the remedies available to the City in law or in equity. These remedies do not amend or limit the requirements of Section 8 and Section 9 otherwise provided for in this Agreement.

5. COMPENSATION AND PAYMENT:

A. Maximum Contract Amount. Notwithstanding any other provision of this Agreement, the City shall not be liable under any theory for payment for services rendered and expenses incurred by Contractor under the terms of this Agreement for any amount in excess of the sum of **Two Hundred Eighty-Eight Million Seven Hundred Nine Thousand Nine Hundred Thirty-Three Dollars and Fifty Five Cents (\$288,709,933.55)** ("**Maximum Contract Amount**"). Contractor shall perform the services and be paid for those services as provided for in this Agreement up to the Maximum Contract Amount.

B. Limited Obligation of City. The obligations of the City under this Agreement shall extend only to monies appropriated and encumbered for the purposes of this Agreement. Contractor acknowledges and understands the City does not by this Agreement irrevocably pledge present cash reserves for payments in future fiscal years, and this Agreement is not intended to create a multiple-fiscal year direct or indirect debt or financial obligation of the City. The City is not under any obligation to make any future encumbrances or appropriations for this Agreement nor is the City under any obligation to amend this Agreement to increase the Maximum Contract Amount above. Should the City not allocate sufficient funds for future fiscal years, it shall notify the Contractor of such with 60 days notice and such notice shall be considered a notice of termination for convenience.

C. Payment Source. For payments required under this Agreement, the City shall make payments to Contractor solely from funds of the Airport System Fund and from no other fund or source. The City has no obligation to make payments from any other source.

D. Payment Schedule. Subject to the Maximum Contract Amount, for payments required under this Agreement, the City shall pay Contractor's fees and expenses in accordance with this Agreement and Exhibits. Unless otherwise agreed to in writing, Contractor shall invoice

the City on a regular basis in arrears and the City shall pay each invoice in accordance with Denver's Prompt Payment Ordinance, D.R.M.C. § 20-107, *et seq.*, subject to the Maximum Contract Amount.

E. Invoices. On or before the fifteenth (15th) day of each month, Contractor shall submit to the City a monthly progress invoice containing reimbursable costs and receipts from the previous month for professional services rendered under this Agreement to be audited and approved by the City ("**Invoice**"). Each Invoice shall provide the basis for payments to Contractor under this Agreement. In submitting an Invoice, Contractor shall comply with all requirements of this Agreement and:

- i. Include an executive summary and status report(s) that describe the progress of the services and summarize the work performed during the period covered by the Invoice;
- ii. Include a statement of recorded hours that are billed at an hourly rate;
- iii. Include the relevant purchase order ("**PO**") number related to the Invoice;
- iv. Ensure that amounts shown on the Invoices comply with and clearly reference the relevant services, indicate the hourly rate and multiplier where applicable, and identify the allowable reimbursable expenses;
- v. For only those reimbursable costs incurred in the previous month, submit itemized business expense logs and, where billing is based upon receipts, include copies of receipts for all allowable reimbursable expenses;
- vi. Include the signature of an authorized officer of Contractor, along with such officer's certification they have examined the Invoice and found it to be correct; and
- vii. Submit each Invoice via email to AccountsPayableContracts@flydenver.com.
- viii. Late Fees. Contractor understands and agrees interest and late fees shall be payable by the City only to the extent authorized and provided for in the City's Prompt Payment Ordinance.

F. Travel Expenses. Travel and any other expenses are not reimbursable unless such expenses are related to and in furtherance of the purposes of Contractor's engagement, are in accordance with this Agreement, and Contractor receives prior written approval of the SVP or their authorized representative.

G. Timesheets. Contractor shall maintain all timesheets kept or created in relation to the services performed under this Agreement. The City may examine such timesheets and any other related documents upon the City's request.

H. Disputed Invoices. The City reserves the right to reject and not pay any Invoice or part thereof, including any final Invoice resulting from a Termination of this Agreement, where

the SVP or their authorized representative determines the amount invoiced exceeds the amount owed based upon the work satisfactorily performed. The City shall pay any undisputed items contained in an Invoice. Disputes concerning payments under this provision shall be resolved in accordance with procedures set forth in Section 9.

I. Carry Over. If Contractor's total fees for any of the services provided under this Agreement are less than the amount budgeted for, the amount remaining in the budget may be used for additional and related services rendered by Contractor if the CEO determines such fees are reasonable and appropriate and provides written approval of the expenditure.

6. EDI, WAGES AND PROMPT PAYMENT:

A. Equity Diversity and Inclusion ("EDI") Plan. Contractor shall comply with the Equity, Diversity and Inclusiveness Plan ("*EDI Plan*") attached as *Exhibit F*, as it may be modified in the future.

B. Prevailing Wage. To the extent required by law, Contractor shall comply with, and agrees to be bound by, all requirements, conditions and City determinations regarding the Payment of Prevailing Wages Ordinance, D.R.M.C. §§ 20-76 through 20-79, including, but not limited to, the requirement that every covered worker working on a City owned or leased building or on City-owned land shall be paid no less than the prevailing wages and fringe benefits in effect on the Effective Date of this Agreement. (See **Exhibit D**)

i. Prevailing wage and fringe rates will adjust on the yearly anniversary of the actual date of bid or proposal issuance, if applicable, or the date of the written encumbrance if no bid/proposal issuance date is applicable.

ii. Contractor shall provide the Auditor with a list of all subcontractors providing any services under the Agreement.

iii. Contractor shall provide the Auditor with electronically-certified payroll records for all covered workers employed under this Agreement.

iv. Contractor shall prominently post at the work site the current prevailing wage and fringe benefit rates. The posting must inform workers that any complaints regarding the payment of prevailing wages or fringe benefits may be submitted to the Denver Auditor by calling (720) 913-5000 or emailing: auditor@denvergov.org.

v. If Contractor fails to pay workers as required by the Prevailing Wage Ordinance, Contractor will not be paid until documentation of payment satisfactory to the Auditor has been provided. The City may, by written notice, suspend or terminate work if Contractor fails to pay required wages and fringe benefits.

C. Compliance with Denver Wage Laws. To the extent applicable to the Contractor's provision of Services hereunder, the Contractor shall comply with, and agrees to be bound by, all rules, regulations, requirements, conditions, and City determinations regarding the City's Minimum Wage and Civil Wage Theft Ordinances, Sections 58-1 through 58-26 D.R.M.C.,

including, but not limited to, the requirement that every covered worker shall be paid all earned wages under applicable state, federal, and city law in accordance with the foregoing D.R.M.C. Sections. By executing this Agreement, the Contractor expressly acknowledges that the Contractor is aware of the requirements of the City's Minimum Wage and Civil Wage Theft Ordinances and that any failure by the Contractor, or any other individual or entity acting subject to this Agreement, to strictly comply with the foregoing D.R.M.C. Sections shall result in the penalties and other remedies authorized therein.

D. City Prompt Pay.

i. The City will make monthly progress payments to Contractor for all services performed under this Agreement based upon Contractor's monthly invoices or shall make payments as otherwise provided in this Agreement. The City's Prompt Payment Ordinance, D.R.M.C. §§ 20-107 to 20-118 applies to invoicing and payment under this Agreement.

ii. Final Payment to Contractor shall not be made until after the Project is accepted, and all certificates of completion, record drawings, reproducible copies, and other deliverables are delivered to the City, and the Agreement is otherwise fully performed by Contractor. The City may, at the discretion of the SVP withhold reasonable amounts from billing and the entirety of the final payment until all such requirements are performed to the satisfaction of the SVP.

7. PAYMENT AND PERFORMANCE BOND

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 **Five Hundred Thousand Dollars and No Cents (\$500,000.00)** 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 up to two additional one year 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 G**. 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.

8. INSURANCE REQUIREMENTS:

A. Contractor shall obtain and keep in force all of the minimum insurance coverage forms and amounts set forth in **Exhibit C** ("**Insurance Requirements**") during the entire Term of this Agreement, including any extensions of the Agreement or other extended period stipulations stated in **Exhibit C**. All certificates of insurance must be received and accepted by the City before any airport access or work commences.

B. Contractor shall ensure and document that all subcontractors performing services or providing goods hereunder procure and maintain insurance coverage that is appropriate to the primary business risks for their respective scopes of performance. At minimum, such insurance must conform to all applicable requirements of DEN Rules and Regulations Part 230 and all other applicable laws and regulations.

C. The City in no way warrants or represents the minimum limits contained herein are sufficient to protect Contractor from liabilities arising out of the performance of the terms and conditions of this Agreement by Contractor, its agents, representatives, employees, or subcontractors. Contractor shall assess its own risks and maintain higher limits and/or broader coverage as it deems appropriate and/or prudent. Contractor is not relieved of any liability or other obligations assumed or undertaken pursuant to this Agreement by reason of its failure to obtain or maintain insurance in sufficient amounts, duration, or types.

D. In no event shall the City be liable for any of the following: (i) business interruption or other consequential damages sustained by Contractor; (ii) damage, theft, or destruction of Contractor's inventory, or property of any kind; or (iii) damage, theft, or destruction of an automobile, whether or not insured.

E. The Parties understand and agree that the City, its elected and appointed officials, employees, agents and volunteers are relying on, and do not waive or intend to waive by any

provisions of this Agreement, the monetary limitations and any other rights, immunities and protections provided by the Colorado Governmental Immunity Act, C.R.S. §§ 24-10-101 to 120, or otherwise available to the City, its elected and appointed officials, employees, agents and volunteers.

9. DEFENSE AND INDEMNIFICATION:

A. The Contractor hereby agrees to defend, release, indemnify and save harmless the City, its officers, agents and employees from and against (1) any and all loss of or damage to property or injuries to or death of any person or persons, Including property and employees or agents of the City, and (2) any and all claims, demands, suits, actions, liabilities, costs, expenses, or proceedings of any kind or nature whatsoever, of or by anyone whomsoever, in any way resulting from, or arising out of, directly or indirectly, actions or omissions of the Contractor or those performing under it in connection with its operations or performance of work under this Contract or the occupancy of city-owned property or other property upon which work is performed under this Contract, and including acts and omissions of the Contractor's employees, representatives, suppliers, invitees, contractors and agents; provided, however, that the Contractor's obligation to indemnify or hold harmless the City, its officers, agents and employees under this paragraph shall not apply to liability or damages resulting (1) from the negligence of the City's officers, agents and employees, and (2) from the Contractor's performance of work requiring the application of the Contractor's professional skills, training and judgment (such as the preparation of professional reports or opinions) if such work was not performed in a negligent manner.

B. The Contractor's obligations set out in this paragraph shall survive the termination of this Contract. 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, in accord with the provisions above.

C. Pursuant to this Section 9, Contractor will defend any and all Claims which may be brought or threatened against the City and will pay on behalf of the 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, including but not limited to time expended by the City Attorney Staff, whose costs shall be computed at the rate of two hundred dollars and no cents (\$200.00) per hour of City Attorney time. Such payments on behalf of the City shall be in addition to any other legal remedies available to the City and shall not be considered the City's exclusive remedy.

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

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

F. Liability of Contractor

i. Except for claims for bodily injury or death and notwithstanding any other provision of this Agreement, the liability of the Contractor to the City for any damages, including loss or damage to property of the City or third parties whether in contract, in tort or otherwise, shall not exceed:

a. The amount of insurance coverage required to be carried by the Contractor under this Agreement, plus the total amount of any deductible payable by Contractor under the applicable insurance policy or policies, if such liability is covered by insurance; or

b. A total of \$20,000,000 per Contract Year if the liability is not covered by insurance. An uninsured liability subject to this paragraph 9F.i.b will be counted against the aggregate liability of the Contract Year in which the event or the events giving rise to the liability occurred.

ii. The limitation stated in this Section F shall not apply to liability arising from misconduct by the Contractor.

iii. The limitation stated in this Section F shall not apply unless the Contractor has maintained in force and complied with all of its obligations in connection with, all insurance it is required to carry under this Contract.

iv. Except with regard to the aggregate dollar limitation, the provisions of this Section E shall not limit or otherwise affect the City's rights or the Contractor's obligations under this Contract.

10. DISPUTES:

All disputes arising under or related to this Agreement shall be resolved by administrative hearing under the procedures described in D.R.M.C. § 5-17 and all related rules and procedures. The determination resulting from said administrative hearing shall be final, subject only to the right to appeal the determination under Colorado Rule of Civil Procedure, Rule 106.

11. GENERAL TERMS AND CONDITIONS:

A. Status of Contractor. Parties agree that the status of Contractor shall be an independent contractor retained on a contractual basis to perform professional or technical services for limited periods of time as described in § 9.1.1(E)(x) of the Charter of the City and County of Denver (the "**City Charter**"). It is not intended, nor shall it be construed, that Contractor or its personnel are employees or officers of the City under D.R.M.C. Chapter 18 for any purpose whatsoever.

B. Assignment. Contractor shall not assign, pledge or transfer its duties, obligations, and rights under this Agreement, in whole or in part, without first obtaining the written consent of the CEO. Any attempt by Contractor to assign or transfer its rights hereunder without such prior written consent shall, at the option of the SVP.

C. Contractor shall not assign, pledge or transfer its duties, obligations, and rights under this Agreement, in whole or in part, without first obtaining the written consent of the CEO. Any attempt by Contractor to assign or transfer its rights hereunder without such prior written consent shall, at the option of the CEO, automatically terminate this Agreement and all rights of Contractor hereunder.

D. **Americans with Disabilities Act (“ADA”).** Contractor shall provide the services specified in this Agreement in a manner that complies with the ADA (42 USC § 12101, *et. seq*) and other federal, state, and local accessibility requirements. Contractor shall not discriminate against disabled persons in the provision of services, benefits or activities provided under this Agreement and further agrees that any violation of this prohibition on the part of Contractor, its employees, agents or assigns may constitute a material breach of this Agreement. If requested by City, Contractor shall engage a qualified disability consultant to review Contractor’s work for compliance with the ADA (and any subsequent amendments to the statute) and all other related federal, state, and local disability requirements, and Contractor shall remedy any noncompliance found by the qualified disability consultant as soon as practicable.

E. **Compliance with all Laws and Regulations.** Contractor and its subcontractor(s) shall perform all work under this Agreement in compliance with all existing and future applicable laws, rules, regulations, and codes of the United States, and the State of Colorado and with the City Charter, ordinances, Executive Orders, and rules and regulations of the City. If during the term of this Contract any unforeseeable changes in such laws, ordinances, rules and regulations, or orders occur which result in actual significant increased costs to the Contractor, the Contractor may submit to the City a written request for an equitable adjustment to reimburse it for such costs. The request shall include documentation of the costs claimed by Contractor, identification of the change in law, ordinance, rule, regulation or order which caused the increased costs and a statement of the reasons why the change was not reasonably foreseeable and the reasons why the change caused the increased costs. The SVP may in his discretion grant or deny an equitable adjustment after review of the information submitted by the Contractor.

F. **Compliance with Patent, Trademark and Copyright Laws.**

i. Contractor agrees that all work performed under this Agreement shall comply with all applicable patent, trademark and copyright laws, rules, regulations and codes of the United States, as they may be amended from time to time. Contractor will not utilize any protected patent, trademark or copyright in performance of its work unless it has obtained proper permission, all releases, and other necessary documents. If Contractor prepares any documents which specify any material, equipment, process or procedure which is protected, Contractor shall disclose such patents, trademarks and copyrights in such documents.

ii. Pursuant to Section 8, Contractor shall indemnify and defend the City from any and all claims, damages, suits, costs, expenses, liabilities, actions or proceedings resulting from, or arising out of, directly or indirectly, the performance of work under this Agreement which infringes upon any patent, trademark or copyright protected by law.

G. **Notices.**

i. Notices of Termination. Notices concerning termination of this Agreement, shall be made as follows:

by Contractor to:

Chief Executive Officer
Denver International Airport
Airport Office Building
8500 Peña Boulevard, 9th Floor
Denver, Colorado 80249-6340

And by the City to:

Alstom Transport USA Inc.
1251 Waterfront Place
Pittsburgh, PA 15222
ATTN: Jason Aguirre

ii. Delivery of Formal Notices. Formal notices of the termination of this Agreement shall be delivered personally during normal business hours to the appropriate office above or by prepaid U.S. certified mail, return receipt requested; express mail (FedEx, UPS, or similar service) or package shipping or courier service; or by electronic delivery directed to the person identified above and copied to the Project Manager through the electronic or software system used at the City's direction for any other official communications and document transmittals. Mailed notices shall be deemed effective upon deposit with the U.S. Postal Service and electronically transmitted notices by pressing "send" or the equivalent on the email or other transmittal method sufficient to irretrievably transmit the document. Either party may from time to time designate substitute addresses or persons where and to whom such notices are to be mailed, delivered or emailed, but such substitutions shall not be effective until actual receipt of written or electronic notification thereof through the method contained in Subsection (E)(ii).

iii. Other Correspondence. Other notices and day-to-day correspondence between the Parties may be done via email directed to the Project Manager or through the electronic or software system used for work-related communications and transmittals at the City's direction.

H. Rights and Remedies Not Waived. In no event shall any payment by the City hereunder constitute or be construed to be a waiver by the City of any breach of covenant or default which may then exist on the part of Contractor. The City making any such payment when any breach or default exists shall not impair or prejudice any right or remedy available to the City with respect to such breach or default. The City's assent, expressed or implied, to any breach of any one or more covenants, provisions or conditions of this Agreement shall not be deemed or taken to be a waiver of any other breach.

I. No Third-Party Beneficiaries. The Parties agree that enforcement of the terms and conditions of this Agreement and all rights of action relating to such enforcement shall be

strictly reserved to the City and Contractor, and nothing contained in this Agreement shall give or allow any such claim or right of action by any third party. It is the express intention of the Parties that any person or entity other than the City or Contractor receiving services or benefits under this Agreement shall be deemed an incidental beneficiary and shall not have any interest or rights under this Agreement.

J. Governing Law. This Agreement is made under and shall be governed by the laws of the State of Colorado. Each and every term, provision and condition herein is subject to the provisions of Colorado law, the City Charter, and the ordinances and regulations enacted pursuant thereto, as may be amended from time to time.

K. Bond Ordinances. This Agreement is in all respects subject and subordinate to any and all the City bond ordinances applicable to the Airport System and to any other bond ordinances which amend, supplement, or replace such bond ordinances.

L. Venue. Venue for any action arising hereunder shall be in the City and County of Denver, Colorado.

M. Cooperation with Other Contractors.

i. The City may award other contracts for additional work, and Contractor shall fully cooperate with such other contractors. The City, in its sole discretion, may direct Contractor to coordinate its work under this Agreement with one or more such contractors.

ii. Contractor shall have no claim against the City for additional payment due to delays or other conditions created by the operation of other contractors except that (i) the per hour labor costs necessarily incurred by Contractor to accommodate other contractors on site beyond the obligations found in the Contract and Exhibits (ii) Contractor may be entitled to commensurate relief (this refers exclusively to availability relief listed in the Scope of Work and not any other monetary claims) to the extent City-directed cooperation adversely affects performance of the Contractor's performance obligations. Contractor must document how the requested accommodation of other contractors by the City will affect Contractor's performance. Contractor shall provide to the City pricing for the requested accommodation. Once pricing is provided the City will review to determine if they still want to go forward with the accommodation. The City will decide the respective rights of the various contractors in order to secure the completion of the work.

N. Inurement. The rights and obligations of the Parties herein set forth shall inure to the benefit of and be binding upon the Parties hereto and their respective successors and assigns permitted under this Agreement.

O. Force Majeure. The Parties shall not be liable for any failure to perform any of its obligations hereunder due to or caused by, in whole or in part, fire, strikes, lockouts, unusual delay by common carriers, unavoidable casualties, war, riots, acts of terrorism, acts of civil or military authority, acts of God, judicial action, or any other causes beyond the control of the Parties. The

Parties shall have the duty to take reasonable actions to mitigate or prevent further delays or losses resulting from such causes.

P. Coordination and Liaison. Contractor agrees that during the term of this Agreement it shall fully coordinate all services that it has been directed to proceed upon and shall make every reasonable effort to fully coordinate all such services as directed by the SVP or their authorized representative, along with any City agency, or any person or firm under contract with the City doing work which affects Contractor's work.

Q. No Authority to Bind City to Contracts. Contractor has no authority to bind the City on any contractual matters. Final approval of all contractual matters which obligate the City must be by the City as required by the City Charter and ordinances.

R. Information Furnished by the City. The City will furnish to Contractor information concerning matters that may be necessary or useful in connection with the work to be performed by Contractor under this Agreement. The Parties shall make good faith efforts to ensure the accuracy of information provided to the other Party; however, Contractor understands and acknowledges that the information provided by the City to Contractor may contain unintended inaccuracies. Contractor shall be responsible for the verification of the information provided to Contractor.

S. Severability. In case any one or more of the provisions contained in the Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision hereof, and this Agreement shall be construed as if such invalid, illegal or unenforceable provision had never been contained herein.

T. Taxes and Costs. Contractor shall promptly pay, when due, all taxes, bills, debts and obligations it incurs performing work under this Agreement and shall allow no lien, mortgage, judgment or execution to be filed against land, facilities or improvements owned by the City.

U. Environmental Requirements. Contractor, in conducting its activities under this Agreement, shall comply with all existing and future 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 or Special Materials and Wastes, Clean Water Act legislation, Centralized Waste Treatment Regulations, and DEN Rules and Regulations.

i. 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), per – and polyfluoroalkyl substances (PFAS), 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 DEN Rules and Regulations Part 180 (Environmental Management) and DEN'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.

ii. Contractor shall acquire all necessary federal, state and local environmental permits and comply with all applicable federal, state and local environmental permit requirements.

iii. Upon request, the Contractor shall provide to the City copies of Material Safety Data Sheets (MSDSs) 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 MSDSs and MSDSs for new chemicals, as such information is updated and as new chemicals or detergents are placed into use, as applicable.

iv. Contractor agrees to ensure that its activities under this Agreement are conducted in a manner that minimizes environmental impact through appropriate preventive measures. Contractor agrees to evaluate methods to reduce the generation and disposal of waste materials.

v. 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.

vi. In the case of a release, spill or leak as a result of Contractor's activities under this Agreement, Contractor shall immediately control and remediate the contaminated media to applicable federal, state and local standards. Contractor 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 Contractor of any pollutant or hazardous material.

V. Non-Exclusive Rights. This Agreement does not create an exclusive right for Contractor to provide the services described herein at DEN. The City may, at any time, award other agreements to other contractors or consultants for the same or similar services to those described herein. In the event of a dispute between Contractor and any other party at DEN, including DEN itself, as to the privileges of the parties under their respective agreements, CEO shall determine the privileges of each party and Contractor agrees to be bound by CEO's decision.

12. RECORD RETENTION AND OTHER STANDARD CITY PROVISIONS:

A. Diversity and Inclusiveness. The City encourages the use of qualified small businesses doing business within the metropolitan area that are owned and controlled by economically or socially disadvantaged individuals. Contractor is encouraged, with respect to the goods or services to be provided under this Agreement, to use a process that includes small businesses when considering and selecting any subcontractors or suppliers.

B. No Discrimination in Employment. In connection with the performance of work under the Agreement, the Contractor may not refuse to hire, discharge, promote, demote, or discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, ethnicity, citizenship, immigration status, gender, age, sexual orientation, gender identity, gender expression, marital status, source of income, military status, protective hairstyle, or disability. The Contractor shall insert the foregoing provision in all subcontracts.

C. Advertising and Public Disclosures. 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 SVP or their authorized representative. Any oral presentation or written materials related to DEN shall include only presentation materials, work product, and technical data which have been accepted by the City, and designs and renderings, if any, which have been accepted by the City. Contractor shall notify the SVP in advance of the date and time of any such presentations. Nothing herein, however, shall preclude Contractor's transmittal of any information to officials of the City, including without limitation, the Mayor, the CEO, any member or members of Denver City Council, and the Auditor.

D. Colorado Open Records Act.

i. Contractor acknowledges that the City is subject to the provisions of the Colorado Open Records Act ("CORA"), C.R.S. §§ 24-72-201 *et seq.*, and Contractor agrees that it will fully cooperate with the City in the event of a request or lawsuit arising under such act for the disclosure of any materials or information which Contractor asserts is confidential or otherwise exempt from disclosure. Any other provision of this Agreement notwithstanding, all materials, records, and information provided by Contractor to the City shall be considered confidential by the City only to the extent provided in CORA, and Contractor agrees that any disclosure of information by the City consistent with the provisions of CORA shall result in no liability of the City.

ii. 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 Contractor of such request in order to give Contractor the opportunity to object to the disclosure of any material Contractor may consider confidential, proprietary, or otherwise exempt from disclosure. In the event Contractor objects to disclosure, the City, in its sole and absolute discretion, may file an application to the Denver District Court for a determination of whether disclosure is required or exempted. In the event a lawsuit to compel disclosure is filed, the City may tender all such material to the court for judicial determination of the issue of disclosure. In both situations, Contractor agrees it will either waive any claim of

privilege or confidentiality or intervene in such legal process to protect materials Contractor does not wish disclosed. Contractor agrees to defend, indemnify, and hold harmless the City, its officers, agents, and employees from any claim, damages, expense, loss, or costs arising out of Contractor's objection to disclosure, including prompt reimbursement to the City of all reasonable attorney's fees, costs, and damages the City may incur directly or may be ordered to pay by such court, including but not limited to time expended by the City Attorney Staff, whose costs shall be computed at the rate of two hundred dollars and no cents (\$200.00) per hour of City Attorney time.

E. Examination of Records and Audits.

i. Any authorized agent of the City, including the City Auditor or his or her representative, has the right to access and the right to examine, copy and retain copies, at City's election in paper or electronic form, any pertinent books, documents, papers and records related to Contractor's performance pursuant to this Agreement, provision of any goods or services to the City, and any other transactions related to this Agreement. Contractor shall cooperate with City representatives and City representatives shall be granted access to the foregoing documents and information during reasonable business hours and until the latter of three (3) years after the final payment under the Agreement or expiration of the applicable statute of limitations. When conducting an audit of this Agreement, the City Auditor shall be subject to government auditing standards issued by the United States Government Accountability Office by the Comptroller General of the United States, including with respect to disclosure of information acquired during the course of an audit. No examination of records and audit pursuant to this paragraph shall require Parties to make disclosures in violation of state or federal privacy laws. Parties shall at all times comply with D.R.M.C. 20-276.

ii. Additionally, Contractor agrees until the expiration of three (3) years after the final payment under the Agreement, any duly authorized representative of the City, including the CEO, shall have the right to examine any pertinent books, documents, papers and records of Contractor related to Contractor's performance of this Agreement, including communications or correspondence related to Contractor's performance, without regard to whether the work was paid for in whole or in part with federal funds or was otherwise related to a federal grant program.

iii. In the event the City receives federal funds to be used toward the services performed under this Agreement, the Federal Aviation Administration ("FAA"), the Comptroller General of the United States and any other duly authorized representatives shall have access to any books, documents, papers and records of Contractor which are directly pertinent to a specific grant program for the purpose of making audit, examination, excerpts and transcriptions. Contractor further agrees that such records will contain information concerning the hours and specific services performed along with the applicable federal project number.

F. Use, Possession or Sale of Alcohol or Drugs. Contractor shall cooperate and comply with the provisions of Denver Executive Order 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 barring Contractor from City facilities or participating in City operations.

G. City Smoking Policy. Contractor and its officers, agents and employees shall cooperate and comply with the provisions of Denver Executive Order No. 99 and the Colorado Indoor Clean Air Act, prohibiting smoking in all City buildings and facilities.

H. Conflict of Interest.

i. Contractor and its subsidiaries, affiliates, subcontractors, principals, or employees shall not engage in any transaction, work, activity or conduct which would result in a conflict of interest. A conflict of interest occurs when, for example, because of the relationship between two individuals, organizations or one organization (including its subsidiaries or related organizations) performing or proposing for multiple scopes of work for the City, there is or could be in the future a lack of impartiality, impaired objectivity, an unfair advantage over one or more firms competing for the work, or a financial or other interest in other scopes of work.

ii. Contractor represents that, in its Response or Proposal, as applicable, it disclosed any and all current or potential conflicts of interest of which it is aware, including transactions, work, activities, or conduct that might affect the judgment, actions, or work of Contractor or which might give Contractor an unfair advantage in this or a future procurement. If the Parties identified a conflict of interest and agreed to a plan to mitigate such conflict, Contractor agrees it will comply with that mitigation plan.

iii. The City, in its sole discretion, shall determine the existence of a conflict of interest and may terminate this Agreement if such a conflict exists, after it has given Contractor written notice which describes such conflict. If, during the course of the Agreement, the City determines that a potential conflict of interest exists or may exist, Contractor shall have thirty (30) days after the notice is received in which to eliminate or cure the conflict of interest in a manner which is acceptable to the City.

iv. Contractor has a continuing duty to disclose, in writing, any actual or potential conflicts of interest including work Contractor is performing or anticipates performing for other entities on the same or interrelated project or tasks. Contractor must disclose, in writing, any corporate transactions involving other companies that Contractor knows or should know also are performing or anticipate performing work at DEN on the same or interrelated projects or tasks. In the event that Contractor fails to disclose in writing actual or potential conflicts, the CEO in their sole discretion, may terminate the Agreement for cause or for its convenience.

13. SENSITIVE SECURITY INFORMATION:

Contractor acknowledges that, in the course of performing its work under this Agreement, Contractor may be given access to Sensitive Security Information (“**SSI**”), as material is described in the Code of Federal Regulations, 49 C.F.R. Part 1520. Contractor specifically agrees to comply with all requirements of the applicable federal regulations, including but not limited to, 49 C.F.R.

Parts 15 and 1520. Contractor understands any questions it may have regarding its obligations with respect to SSI must be referred to DEN's Security Office.

14. DEN SECURITY:

A. Contractor, its officers, authorized officials, employees, agents, subcontractors, and those under its control, shall comply with safety, operational, or security measures required of Contractor or the City by the FAA or TSA. If Contractor, its officers, authorized officials, employees, agents, subcontractors or those under its control, fail or refuse to comply with said measures and such non-compliance results in a monetary penalty being assessed against the City, then, in addition to any other remedies available to the City, Contractor shall fully reimburse the City any fines or penalties levied against the City, and any attorney fees or related costs paid by the City as a result of any such violation. Contractor must pay this amount within fifteen (15) days from the date of the invoice or written notice. Any fines and fees assessed by the FAA or TSA against the City due to the actions of Contractor and/or its agents will be deducted directly from the invoice for that billing period.

B. Contractor is responsible for compliance with Airport Security regulations and 49 C.F.R. Parts 1542 (Airport Security) and 14 C.F.R. Parts 139 (Airport Certification and Operations). Any and all violations pertaining to Parts 1542 and 139 resulting in a fine will be passed on to and borne by Contractor. The fee/fine will be deducted from the invoice at time of billing.

15. PROTECTION OF PERSONS AND PROPERTY, COORDINATION

Safety. The Contractor is responsible for the health and safety of its employees, agents and subcontractors, and for other persons who perform work under this Contract, and for the safe operation of the AGTS. The Contractor shall take all necessary and reasonable precautions and actions to protect all such persons and passengers from injury, death or loss. Such actions shall include, but are not limited to:

i. Compliance with all applicable City, state or federal laws, occupational health and safety laws, ordinances, rules and regulations, Executive Orders and other orders. The City shall have the right at any time to request a safety compliance review by the Occupational Safety and Health Administration (OSHA) of the Contractor's and its Subcontractor's and Supplier's safety policies, practices and procedures.

ii. Preparation and implementation of a Contractor's safety program complying with all of the requirements stated above.

iii. Other such actions as may be deemed prudent by the City.

B. Protection of Property.

i. The Contractor shall take all reasonable precautions for the safety of, and shall provide all reasonable protection to prevent damage to, or loss of:

a. All or any part of the AGTS and all or any part of materials and equipment to be incorporated therein, whether in storage on or off the work site, under the care, custody or control of the Contractor, its subcontractors, manufacturers, materialmen or suppliers of any tier;

ii. The Contractor shall comply with all applicable laws, ordinances, rules, regulations, Executive Orders and lawful orders of any public authority bearing on the safety of property or its protection from damage or loss and further, shall cooperate and keep the City and other contractors informed of all of the Contractor's precautions for the protection of the Work.

iii. The Contractor shall be solely responsible for the design, installation, maintenance, bracing, shoring, and securing of temporary structures required in the execution of the Work. The Contractor shall take all reasonable precautions to ensure that no part of any structure of any description is loaded beyond its carrying capacity with anything that will endanger its safety at any time during the execution of the Work and shall provide for the adequacy and safety of all scaffolding and hoisting equipment.

C. Coordination.

i. The Contractor shall obtain the approval of the Project Manager and notify all other affected persons or other contractors at least forty-eight (48) hours before starting work that may block access or otherwise cause undue difficulty to occupants or users of property affected, and shall restore such access to a usable condition or, with the Project Manager's permission, provide replacement access as soon as possible.

ii. The Contractor shall provide safe access to and through the Work site to accommodate City approved tours. When the City plans to conduct or authorize a site tour of the Project, the Project Manager will attempt to give the Contractor forty-eight (48) hours' advance notice and, if time is available, attempt to make necessary arrangements with the Contractor to facilitate the tour and mitigate disruptions to the Contractor's operations.

iii. Without limiting the foregoing, Contractor shall coordinate and organize its Work so as to avoid interference with the operational requirements of the City's Municipal Airport System.

16. FEDERAL RIGHTS:

This Agreement 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 the Airport System. As applicable, Contractor shall comply with the Standard Federal Assurances identified in Appendix.

17. CONTRACT DOCUMENTS; ORDER OF PRECEDENCE:

A. Attachments. This Agreement consists of Section 1 through 18 which precede the signature page, and the following attachments which are incorporated herein and made a part hereof by reference:

Appendix: Standard Federal Assurances
Exhibit A: Scope of Work
Exhibit B: Rates
Exhibit C: Insurance Requirements
Exhibit D: Prevailing Wages
Exhibit F: EDI Plan
Exhibit G: Payment Performance Bond

B. Order of Precedence. In the event of an irreconcilable conflict between a provision of Section 1 through 18 and any of the listed attachments or between provisions of any attachments, 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:

Appendix
Section 1 through Section 18 hereof
Exhibit A
Exhibit B
Exhibit D
Exhibit F
Exhibit C
Exhibit G

18. CITY EXECUTION OF AGREEMENT:

A. City Execution. This Agreement is expressly subject to, and shall become effective upon, the execution of all signatories of the City and, if required, the approval of Denver City Council. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same.

B. Electronic Signatures and Electronic Records. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by the City and/or Contractor 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.

[SIGNATURE PAGES FOLLOW]

Contract Control Number: PLANE-202472367-00
Contractor Name: ALSTOM TRANSPORT USA INC.

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:

Attorney for the City and County of Denver

By:

By:

By:

Contract Control Number:
Contractor Name:

PLANE-202472367-00
ALSTOM TRANSPORT USA INC.

By:  _____
606AAE1C756248D...

Name: Johnetta Falk
(please print)

Title: Secretary
(please print)

ATTEST: [if required]

By: _____

Name: _____
(please print)

Title: _____
(please print)

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” or means the Party of the Second Part as set forth in the Contract.

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 sub-tier 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.
- 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

APPENDIX

Federal Aviation Administration Required Contract Provisions

ALL CONTRACTS – NON-AIP FUNDED

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);
- 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;

APPENDIX

Federal Aviation Administration Required Contract Provisions

ALL CONTRACTS – NON-AIP FUNDED

- 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* has full responsibility to monitor compliance to the referenced statute or regulation. The *Contractor* must address any claims or disputes that arise from this requirement directly with the U.S. Department of Labor – Wage and Hour Division

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

APPENDIX

Federal Aviation Administration Required Contract Provisions

ALL CONTRACTS – NON-AIP FUNDED

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 (20 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.

EXHIBIT A
SCOPE OF WORK



Operation & Maintenance Services for the AGTS

ALSTOM Transport USA Inc.

Contract No. 202472367

DENVER INTERNATIONAL AIRPORT

AGTS Operations & Maintenance Services

Scope of Work

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1 INTRODUCTION

1.1 Statement of Work

1.1.1 The Contractor shall perform the operation and maintenance duties set forth herein, including:

1. Central Control Operations
2. Training
3. Certifying/recertifying control operators, technicians, and equipment (including AGTS vehicle/trains and the Maintenance Service Vehicles)
4. Scheduling and running of trains according to DEN directive
5. Initiating and supervising train movement
6. Effecting the addition to or removal of trains from service
7. Effecting train and passenger emergency procedures
8. Supervising and effecting the removal of disabled vehicles from the System
9. Data collection, analysis, and reporting as specified
10. Conducting service availability monitoring
11. Performing cleaning and preventive, corrective, and major maintenance on System components
12. Management and Replacement of parts for the current AGTS

1.1.2 The Contractor shall provide all required personnel, supplies, tools, and materials necessary to perform, and shall perform the administration of the AGTS operations and maintenance program. Operations and maintenance administration includes, but is not limited to, operations and maintenance payroll, management payroll and benefits administration, personnel training, and inventory control.

1.1.3 All maintenance services on the AGTS shall be performed by the Contractor in accordance with the approved Maintenance Plan and Maintenance Manuals. The maintenance services under this Contract shall include but not be limited to the Contractor furnishing labor, tools, equipment, and material necessary to accomplish the inspection, cleaning adjustment, preventive and corrective maintenance, lubrication, repair, testing, replacement of parts and equipment, supplying the spare equipment,

consumables, and expendables, necessary for the maintenance and repair of entirety of the system. The Contractor shall propose, as appropriate to the AGTS Administrator, a Capital Asset Replacement Program (“CARP”) to overhaul, rehabilitate, refurbish or replace major components, equipment and facilities, that have reached the end of their design and operating life, cannot be maintained to perform within specified limits, exhibits a measurably higher failure rate, or ceases to be economical to maintain. Examples include but are not limited to:

- Bogie/suspension – ring gears
- Couplers
- Power, signal, and ground rail replacement
- PDS and wayside elements
- Air conditioning package units

1.1.4 The Contractor and DEN will mutually agree to the remaining useful life based on annual condition assessments. The Contractor will perform annual condition assessments on the AGTS as defined in this document and report to DEN at no cost to the city said assessments and an updated annual CARP report. The report will be formulated as per Appendix A “Annual assessment document” format. Acting as a good faith partner, Alstom will also share with DEN any other observations, which may be outside the scope of their contract but for which they have the most exposure and access, that may be cause for concern or could impact system availability. Failure by the Contractor to provide annual condition assessments every twelve months may, at the DEN Contract Administrator's sole discretion, result in the suspension of all invoice incentive payments until the calendar month after the annual condition assessment is provided (i.e., if the assessment is provided in November, incentive payments may resume in December). The execution of the CARPs themselves is out of scope of the present contract.

1.1.5 As per the result of the condition rating of each asset as described in Appendix A “Annual assessment document” which will range from 1 (poor) to 5 (excellent). Assets deemed 1 or 2 by the Contractor may also be reviewed by City consultants to determine if the City agrees with the Contractor’s assessment. If the City and City’s consultant determines that an asset the Contractor assess at a 1 or 2 is in better condition than a 2 (marginal) then the asset shall not be subject to an exception from payment deductions for system service availability reductions, downtime events or system shutdowns.

1.1.6 Payment deductions may not be assessed to the extent Contractor can demonstrate that system service availability reductions, downtime events or system shutdowns arise directly as a result of the rehabilitation or renewal having been not initiated on an asset assessed a rating of a 1 or 2 subject to the exceptions noted. In the event that the Contractor has undertaken such rehabilitation or renewal work, pursuant to a Change Order or separate contract with the City, to the extent Contractor has failed to perform such work compliantly or on schedule then Contractor will not be entitled to the relief from payment deductions described in this section. The third year after an asset has been assessed a 1 or 2 by the Contractor and agreed upon by the City and its consultant that the asset is a 1 or a 2, and that asset causes downtime events, system shutdowns, or system service availability reductions as shown by the Contractor and agreed on by the City then relief from deductions may be granted by the City.

1.2 Acronyms and Definitions

1.2.1 AGTS - Automated Guideway Transit System (used interchangeably with APM) consisting of:

- 41 Train Cars
- All power & signal rail, guide beams, and wayside signaling & communications infrastructure, 24 switches, related equipment, and associated anchoring
- 3 traction-power substations, along with associated equipment and cabling infrastructure
- 80 station platform doors, equipment, and assemblies including automated people counters.
- All uninterruptable power supplies for the aforementioned items,
- Maintenance facility area equipment

This list is a high-level representation of items included within the scope of this agreement and is not intended to list exhaustively all components and/or subsystems in these items. For the avoidance of doubt, the running surface, tunnel structure walls, ceiling, and emergency walkway concrete are not part of the AGTS.

1.2.2 AGTS Administrator - Is the City's representative tasked with administrating this contract.

1.2.3 APM - Automated People Movers (used interchangeably with AGTS or Trains)

1.2.4 DEN - Denver International Airport (used interchangeably with the City)

- 1.2.5 AHJ - Authority Having Jurisdiction. A local jurisdiction (including a fire department, fire district or fire authority) that is responsible for enforcing the requirements of a code or standard or for approving equipment, materials, an installation or a procedure.
- 1.2.6 City - The City and County of Denver (used interchangeably with DEN)
- 1.2.7 Incentive Payments - Any amounts in excess of the stated regular compensation, which are paid to the Contractor as a result of applying payment factors of 1.01 or greater.
- 1.2.8 Downtime Event - An event in which one or more system-related problems cause an interruption and/or reduction of passenger service relative to that which was normally scheduled in the desired mode for a period in excess of three (3) minutes. When such an interruption and/or reduction occurs, downtime for the event shall include all the time from the beginning of the interruption and/or reduction in passenger service until all trains stopped on the guideway are restarted and normal operation in the scheduled mode and fleet is restored. Downtime duration will be measured in minutes and seconds.
- 1.2.9 Total System Shutdown - A situation in which passengers cannot be transported in the AGTS between the Terminal and the Concourses.
- 1.2.10 IROPS - Irregular Operations. Events that require scheduling, actions, and/or capabilities beyond those considered usual and normal operations by aviation service providers (generally speaking, an impact of these events is the occurrence of passengers experiencing delays, often in unexpected locations for an undetermined amount of time – examples include but are not limited to extreme weather events [such as thunderstorms, snowstorms, hurricanes, and tornados], geological events [such as earthquakes], and other events [such as utility company driven power outages or security breaches]).
- 1.2.11 AGTSNet - (used interchangeably with TrainNet) Is an internal ringdown phone system that, upon activation, calls pre-identified extensions across multiple work groups. The purpose is to quickly connect relevant work groups and allow efficient information exchange, particularly during system emergencies, IROPS, outages, incidents, and/or significant impacts to the operation. By sharing this information, it reduces the chance of misinformation and increases the ability to respond efficiently with the appropriate resources.
- 1.2.12 CARP - Capital Asset Replacement Program
- 1.2.13 ATC - Automated Train Control
- 1.2.14 ATP - Automated Train Protection

- 1.2.15 ATO - Automated Train Operation
- 1.2.16 ATS - Automated Train Supervision
- 1.2.17 PDS - Power Distribution System
- 1.2.18 SSD - System Schematic Display

1.3 Reporting of Accidents

- 1.3.1 The Contractor shall notify the DEN Communications Center and/or the AGTS Administrator, as soon as possible, but no later than within one hour, of any system safety, passenger safety, and/or severe occupational safety/injury, requiring medical treatment, of an employee, and/or operational incidents. The Contractor, within twenty-four (24) hours of incident, shall report in writing to the AGTS Administrator and AHJ all accidents arising out of or in connection with the services which result in injuries or property damage, giving full details and statements of witnesses.
- 1.3.2 The report shall include a complete description of the accident including an explanation of what occurred, the root cause (if known) and the actions taken by all parties and proposed follow-up action to avoid reoccurrence. The Contractor shall also in a timely manner make available its employees to talk to investigators of the accident and to testify in court proceedings. Contractor and any party may elect to have their counsel present during such talks.

2 STAFFING/PERSONNEL REQUIREMENTS

2.1 General

- 2.1.1 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.
- 2.1.2 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 operation and maintenance at all times, including times of high usage such as holidays and peak seasonal events.
- 2.1.3 The Contractor is fully responsible for providing staffing to properly operate and maintain all parts of the AGTS, support the Airport and/or Airline/Carrier operations. The Contractor shall provide personnel as required by the flight schedules, passenger loads and system utilization in effect during the term of this Contract. The Contractor accepts the fact that the flight schedule is subject to change as well as the AGTS operating

schedule. The contractor will adapt and adjust work schedules to accommodate real-time conditions such as IROPs at the Contractor's expense.

- 2.1.4 The Contractor shall ensure that all of their employees are sufficiently trained and certified in AGTS operations and maintenance practices, are competent and capable of attending to and resolving AGTS problems such that downtime of the AGTS is kept to a minimum and within the limitations defined in these specifications.
- 2.1.5 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.
- 2.1.6 The City reserves the right to approve or reject the Contractor's appointment of any person performing work at the Airport under this Contract.
- 2.1.7 The Contractor shall remove any person under the control of the contractor from the Airport at the City's reasonable request. The Contractor is responsible for returning all Airport property of the removed person in accordance with Airport rules.
- 2.1.8 The Contractor shall provide the following to the City;

A detailed staffing schedule at the commencement of each calendar year, or as requested, detailing the staffing levels provided by the Contractor to properly operate and maintain the AGTS and meet the KPI's detailed in the Contract.

Staffing schedules shall be updated and resubmitted to the City as significant changes are made or upon request.

The Contractor shall provide (to the City) and maintain an organizational chart detailing the hierarchy of the entire site organization including the following:

- 2.1.8.1 Site Manager
- 2.1.8.2 EHS Environment/Safety/and Health Manager
- 2.1.8.3 Operations Manager
- 2.1.8.4 Maintenance Manager
- 2.1.8.5 Engineering Manager

- 2.1.8.6 Training Manager
- 2.1.8.7 Warehouse Manager
- 2.1.8.8 Field Service Engineers
- 2.1.8.9 Reliability Engineer
- 2.1.8.10 Supervisors
- 2.1.8.11 APM Technicians
- 2.1.8.12 Service Delivery Center Coordinator
- 2.1.8.13 CMMS/Spares/Stores Administrator
- 2.1.8.14 Spares/Stores Coordinator/Technician

2.1.9 The Contractor shall update the organizational chart whenever significant 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 end of week of such change.

2.1.10 The Contractor shall comply with all City, State and/or Federal laws and other requirements relating to work rules, including but not limited to:

- Shiftwork
- Breaks, quantity, duration, and intervals
- Over-time
- Minimum rest periods
- Multiple and consecutive shifts
- Prevailing wage
- Minimum wage

2.1.11 The Contractor shall provide a time-keeping mechanism that provides an auditable electronic record of shift start and shift finish times. This time-keeping mechanism must be established no later than the final day of the 12th month of the first year of this Agreement or the Contractor will be liable for invoice deductions of \$500 per day until such a time the Contract Administrator has determined the time-keeping mechanism has been provided. The Contractor shall be required to ensure that all staff properly report all working hours.

2.2 Site Manager

2.2.1 The Contractor shall assign a qualified and experienced person as the Site Manager, who shall be approved by the relative (“DEN SVP”) and be directly employed by the Contractor, to be responsible for overseeing and directing the operation and maintenance services. 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. The Site Manager or their authorized representative shall be on-call to address and/or coordinate activities on site (24/7).

2.3 Minimum Personnel

2.3.1 The Contractor shall submit their minimum staffing requirements based on the baseline operating schedule given in section 6.1.2 and the system/vehicle maintenance requirements to meet performance levels outlined in this contract. The Contractor shall as an absolute minimum provide site specific, full time staffing levels to meet the following **Figure 1**.

Figure 1

Staff Position/Title	Quantity of People
Site Manager	1
EHS Environment/Safety/and Health Manager	1
Operations Manager	1
Maintenance Manager	1
Engineering Manager	1
Field Service Engineers	3
Supervisors	9
APM Technicians	68
Service Delivery Center Coordinator	1
CMMS/Spares/Stores Administrator	1
Spares/Stores Coordinator/Technician	1
Warehouse Manager	1
Training Manager	1
Reliability Engineer	1
Total Minimum Staffing	91

- 2.3.2 Nothing in this agreement precludes the Contractor from employing additional staff at the Contractor's cost to meet required service levels and properly maintain the System.
- 2.3.3 If DEN changes the AGTS fleet size, staffing changes must be mutually agreed upon between DEN and the Contractor in writing. If the maintenance team can be reduced due to the reduction of service or an increase in efficiency, the cost to the City shall be reduced accordingly. The accepted staffing plan shall become the new minimum staffing level.

2.4 Staff Deficiencies

- 2.4.1 Whenever the Contractor is unable to provide the minimum staffing levels, the Contractor shall decrease the monthly operation and maintenance compensation by \$562 per position per calendar day for contract year 1. The rate will increase annually with the CPA clause as written in the exhibits. After a grace period of 60 days. Deductions will accrue on the 61st day.
- 2.4.2 The Contractor shall make all efforts to address deficiencies in staffing.
- 2.4.3 The Contractor shall make all efforts that staff deficiencies would be covered by personnel with the same qualification/ classification (e.g. APM Mechanic shall be substituted by a qualified APM mechanic).
- 2.4.4 The Contractor shall issue monthly to the City an on-demand staff allocation report detailing all hours provided under this Contract by staff position. Deficient time in the past month based on minimum staffing levels shall be clearly detailed.
- 2.4.5 The Contractor shall ensure proper coverage when approving their staff being on Paid Time Off ("PTO"). Proper coverage will include at a minimum 24/7 on-site coverage of representatives with decision-making authority. As well as 24/7 on-call coverage by senior management-level staff.
- 2.4.6 Should the Contractor fail to address such staffing deficiencies, the City shall at its sole discretion deduct from the monthly invoice. Personnel deductions shall be based on per position per calendar day.
- 2.4.7 All employees working under this contract shall be exclusive to this contract. The Contractor's employee(s) shall not perform any outside work at the Airport or any location other than DEN, except as approved in writing by the DEN SVP. When such other work is approved, it is expressly understood DEN's needs have precedence over any such work.

2.5 On-Site Administration Staff and Staff Not Covered by Prevailing Wage or Trade Union

2.5.1 While the Contractor's staff (Managers, Engineering Supervisor(s), Site Engineers, Field Service Engineers, and all Supervisors) may not be governed by the City's Prevailing Wage Ordinance or trade union requirements, the City requires the Contractor to compensate each staff member at a rate which is at least 10% greater than the total compensation (pay plus benefits) of the highest paid individual that they supervise (including shift differential), or the highest paid APM Mechanic (including shift differential), whichever is higher.

2.6 Uniforms and PPE

2.6.1 The Contractor shall furnish employees with appropriate uniforms approved by the City. PPE shall be worn by employees as outlined by the Contractor's safety plan.

2.6.2 The uniforms must be worn at all times and shall have proper identification of each Contractor. The appearance of the Contractor's employees shall be clean and neat.

2.6.3 DEN reserves the right to approve or reject all uniform designs.

2.7 Employee Conduct

2.7.1 The Contractor's employees shall perform their work in a professional manner.

2.7.2 The Contractor will ensure that its personnel will not accept or solicit gratuities for any reason from the passengers, tenants, customers, or other persons using the AGTS.

2.7.3 The Contractor shall be responsible for ensuring that all articles found by its employees are turned in to DEN's Lost and Found Office within two (2) hours of finding said article(s). If the Lost and Found office is closed the item must be turned in at the beginning of the next Business day.

2.7.4 Pursuant to the requirements imposed by the City, TSA and the FAA, the Contractor hereby consents to reasonable searches and/or inspections of its employees, its employees' bags, and its employees' lockers. The Contractor hereby warrants to the City that it will require its employee's consent to the above searches, as part of the employment contract. The City may make reasonable attempts to notify Contractor's Site Manager or designee whenever it or the appropriate authorities intend to conduct searches and/or inspections.

2.7.5 Contractor shall follow all local, state and federal laws and ordinances, including, but not limited to, OSHA standards while in the performance of their job duties under this Contract.

2.8 Employee Parking

- 2.8.1 The Contractor must obtain airside vehicle permits for company vehicles as required, providing the company complies with all rules and requirements.
- 2.8.2 The Contractor or its employees must obtain parking permits from the Airport. All costs associated with parking and/or parking permits shall be borne by the contractor.

2.9 Employee Badging

- 2.9.1 All employees working at DEN shall wear Airport ID badges at all times while performing work under this contract. All costs associated with employee ID badging shall be borne by the Contractor.

3 TRAINING

3.1 Training and Periodic Testing

- 3.1.1 The Contractor shall employ and train all operators and maintenance personnel required for the performance of this Contract. In addition to the training of the initial personnel staff, the Contractor shall have recurrent training and train replacement personnel as needed to meet staffing requirements. The City reserves the right to have City personnel sit in on any and all training. All training records must be maintained by the Contractor and made available upon request by DEN. The Contractor shall accommodate and coordinate when necessary and with a reasonable advance notice additional tours and training for DEN personnel and DEN contractors.
- 3.1.2 The Contractor shall enact a testing program whereby personnel within a specific job classification or with specific duties are tested initially and periodically retested for proficiency within that job classification for those duties, and as new duties are introduced.

4 OFFICE SPACE, OFFICE EQUIPMENT, AND JANITORIAL

4.1 Office Space and Utilities

- 4.1.1 The City shall provide job related office space, workshop space and storage space for parts, supplies, tools, and equipment at no cost to the Contractor. Offices shall be used for the purposes of this Contract only.
- 4.1.2 DEN shall not reimburse for any additional office equipment costs. Examples include copiers and other office equipment and supplies, refrigerators, dishwashers, or move-in and move-out costs, etc. The City shall pay the costs of all utilities (electric, heat, water, sewage, etc., except for telephone, television services, and internet) used in the operations and

maintenance of the AGTS. In addition, the City will pay costs associated with the permitting of the facility such as fire inspections, water backflow devices, and building permitting. The Contractor will cover the costs of incidental and equipment permit costs such as those required by Denver Fire Department for special events.

4.2 Hazardous Waste

4.2.1 DEN shall not be responsible for the abatement, collection, disposition or handling of any hazardous waste or hazardous materials generated by Contractor's operations hereunder including operation of the AGTS system, to include but is not limited to, car tires, tire debris, systems and/or component debris or dust, train car batteries, etc.

4.3 Janitorial and Cleaning Responsibilities

4.3.1 The Contractor shall be responsible for providing janitorial and cleaning services to the following areas:

- Maintenance and Storage Facility
- Central Control Room
- Administrative Offices and Staffed Locations
- Power Distribution Substations
- Station Equipment Rooms
- Train Tunnels

4.3.2 The Contractor shall be responsible for the cleaning (including power washing) of the exterior of the train cars as outlined in the approved preventative maintenance schedule and no less than every month.

4.3.3 The Contractor shall be responsible for cleaning the interior of the train cars, interior windows, interior/exterior platform doors and windows, routine emergency tunnel paths, yellow markings on emergency tunnel paths, handrails, and emergency phones.

4.3.4 The Contractor shall be responsible for tunnel floor cleaning. The AGTS tunnel must be free of large debris under the stations' platforms, switch pits, and the remaining extent of the tunnel floor. All trash and industrial waste, to include but not limited to rubber chunks, rubber dust, brake liner dust, traction motor brush dust, collector shoe dust, rail dust, concrete dust, will be removed using squeegee, broom, dustpan shovel, vacuum, and/or any other tooling as necessary to remove trash and industrial waste.

- 4.3.5 The contractor shall be responsible for tunnel pressure washing. If approved by DEN Environmental, in addition to tunnel cleaning the contractor also will perform a pressure washing of the tunnel floor, tunnel walkway surface and walls including handrails, running surface, guide beam, power rail, and rail support trees to include all switches. The tunnel cleaning and/or tunnel pressure washing, if approved, is to be completed annually. Care needs to be taken in not damaging the emergency access areas, intercoms, door access, emergency lighting, and the art. This tunnel pressure washing is intended to further reduce dust particles in the tunnel that are potentially harmful to occupants.
- 4.3.6 The contractor shall be responsible for ensuring that floor drains are free from debris and collect debris as needed or annually at minimum to ensure they do not get clogged.

5 SPARE PARTS, TOOLS, AND OTHER EQUIPMENT

5.1 Spare Parts, Tools, Equipment, Expendables, and Consumables

- 5.1.1 The Contractor is responsible to supply and maintain all AGTS parts, tools, radios, vehicles, lifts, golf carts, compressors, etc. and other equipment. The Contractor shall promptly repair or replace all damaged or defective parts, components, or materials, regardless of cause, including those due to vandalism, acts of God, theft, or parties not under contractor control.

DEN will not reimburse for any items above. Examples include but are not limited to forklifts, golf carts, radios, jacks, etc.

- 5.1.2 In performing this Contract, the Contractor shall maintain and update an inventory of spare parts, equipment, tools, expendables, and consumables as listed in the table below. Additional items shall be added to this inventory based on the Contractor's experience or the item's long lead order time with the approval of the DEN AGTS Administrator. All spare parts, equipment, expendables, tools, and consumables shall normally be kept in the Maintenance and Storage Facility, or other DEN approved on-Airport location and recorded in the Contractor's Computerized Maintenance Management System ("CMMS"). The City may audit these records, based on the required spares list, referenced as Appendix B as an attachment to the scope of work, as determined by the Contractor and the DEN AGTS Administrator.
- 5.1.3 The Contractor must update the required spares list as the system changes and obtain written approval from the City for any changes to the required spares list.

5.2 Automobiles and Maintenance Service Vehicle(s)

- 5.2.1 The Contractor must furnish all vehicles required to perform this Contract. Vehicles includes automobiles, pickup trucks, and the maintenance service vehicles; all vehicles must be in good and safe working condition for the duration of this contract. All street legal vehicles must be 5 model years old or less with an odometer reading of no more than 100,000 miles. Vehicles shall be insured and licensed as required by Airport, City, State, and Federal requirements.

5.3 Use of Maintenance Service Vehicle

- 5.3.1 The Contractor shall cooperatively work with DEN and share the Maintenance Service Vehicle and Contractor escorts, for a mutually agreed upon number of nights to move appropriate materials for use of the MSV between airside concourses and the Main Terminal, to accomplish facilities and equipment maintenance related to the AGTS, baggage tunnels, and DEN projects. This mutually agreed number of nights will balance the operational needs and the AGTS maintenance needs.
- 5.3.2 The Contractor and the AGTS Administrator will conduct periodic planning meetings for all upcoming projects, and maintenance in the next month or as needed. The Contractor and the AGTS Administrator shall mutually agree upon a plan to balance the operational demands and the projects/maintenance demands with minimal impact to both the Contractor and DEN.

6 OPERATIONS REQUIREMENTS

6.1 Hours of Operation

- 6.1.1 Hours of operation are based on a 24/7/365 schedule. DEN will issue monthly operating schedules to meet the operational requirements (passenger demand). DEN shall make every effort to balance the operational requirements with the systems maintenance requirements. If DEN does not issue a monthly schedule, the Contractor shall run the baseline schedule as outlined in section 6.1.2. Operational requirements may necessitate extending or reducing system operation beyond the normally scheduled operating hours or altering the mode of operation. The Contractor shall accomplish this at no additional cost to the City.
- 6.1.2 The Contractor and the AGTS Administrator shall work together to balance the APM maintenance needs and DEN operational needs by providing written notification of maintenance needs and operating schedule 14 days in advance of the beginning of the next month. The City reserves the right to make adjustments thereafter based on passenger demand and/or maintenance needs. For Contractor to perform its preventive and corrective maintenance modified routes may need to be run between the hours of

10PM and 6AM, when mutually agreed upon between the Contractor and the City.

Baseline Operating Schedule (All trains are four car trains)

12am to 1am – 8 trains, long loop

1am to 4am – 2 trains, following shuttle

4am to 12am – 8 trains, long loop

- 6.1.3 AGTS maintenance shall be scheduled by the Contractor. The Contractor and the AGTS Administrator shall ensure maintenance needs are met, in such a way that the interference with the operation of the AGTS is minimized. To minimize operational impact, maintenance of equipment may have to be done at night or in off-peak periods.

6.2 Emergencies

- 6.2.1 The Contractor shall, in conjunction with first responders, be responsible to conduct and carry out any and all passenger evacuations and respond to any emergencies associated with the AGTS.

6.3 Operational Decision Making

- 6.3.1 All policy decisions regarding the System's operation shall rest with the City. Decisions such as the hours of System service and levels of service to be offered shall be decided by the City. When officially notified by the City of a decision regarding the above matters, or any other matter that the AGTS Administrator classifies as a policy decision, the Contractor shall immediately take all appropriate steps to comply with the decision.
- 6.3.2 In the event the Contractor disagrees with a policy decision made under 6.3.1, the Contractor shall within two (2) business days file a written report explaining the reasons for the disagreement. If the Contractor disagrees with the decision, they must state on what grounds they disagree. The City will then make a final decision, pending any further analysis that must be performed in order to review said decision. The Contractor shall, however, comply with the final decision made by the City.
- 6.3.3 Any change to the System design and configuration shall require submission of the requested change, including design review data and drawings, to the City for its review and approval. No changes shall be made by the Contractor without prior written approval by the City's relevant SVP or their authorized representative.

6.4 Performance Testing

- 6.4.1 The City reserves the right, based on system modifications, to perform testing with the Contractor of round trip and headway times for potentially affected routes.
- 6.4.2 If test results show that round trip times or headway times observed do not meet requirements for the route, then the City may require the Contractor to take steps to modify the system so that performance requirements are met. All changes must be verified by the City.

6.5 Stalled Vehicles and Manual Control

- 6.5.1 Whenever AGTS vehicles stall, restoration of service to the service mode scheduled for that time shall be given priority by the Contractor. Restoration of service and/or recovery of stalled vehicles shall be accomplished in accordance with the approved Emergency Procedures, Operations Plan, Operations Manuals, and related documents.
- 6.5.2 The Contractor will be required to perform manual driving of vehicles with passengers when automatic operation is not available. The Contractor will require technicians to maintain manual driving certification based on their operating procedures, which meet the City and State operating requirements.
- 6.5.3 Movements of vehicles under manual control shall be accomplished only by qualified Contractor personnel in accordance with the Contractor's policy.

7 MAINTENANCE REQUIREMENTS

7.1 DEN Approved Maintenance Plan and Manuals

- 7.1.1 The Contractor shall maintain the AGTS and all subsystems within the scope of their maintenance agreement and as specified in the DEN - approved Maintenance Plan and Maintenance Manuals, and in accordance with local, and state requirements. It is expressly noted that DEN will not approve of any Maintenance Plan and/or Maintenance Manual that includes standards or practices that are less stringent than OEM recommendations unless the Contractor has completed a detailed engineering analysis demonstrating the acceptability of less strict standards or practices. Updates to the plans and manuals shall be provided in writing to DEN by the Contractor at no additional cost to the City and be completed as updates occur as well as annually. This shall include, but not be limited to, an Illustrated Parts Manual, which must be kept updated and current. The preferred method is electronic copies, PDF, Excel, and/or Word documents.

7.2 Maintenance Types

7.2.1 For each of the AGTS subsystems, the following types of maintenance shall be performed:

- Routine Maintenance-Activities required to provide a clean and aesthetically pleasing System for public use, as well as routine inspections and tests designed to identify any unusual or abnormal equipment conditions.
- Scheduled Maintenance-Activities required to keep the AGTS operating at prescribed levels of safety and reliability that are performed on a recurring basis at specified intervals.
- Non-Scheduled Maintenance-Any corrective measure or repair necessitated by an inspection, a failure, or unusual circumstances adversely affecting the normal AGTS operations. Non-scheduled maintenance activities shall be performed on a priority basis as necessary to meet the required System Service Availability.
- Ordinary Wear/Tear-Any corrective measure or repair that may be required including but not limited to, painting, re-upholstering, and re-flooring to remedy a hazard to passengers as a result of ordinary wear and tear. Ordinary wear and tear include the natural and expected degradation of a component's aesthetic appearance which has been properly inspected, serviced, and maintained by the Contractor. In kind component replacement, interior re-flooring, and re-painting will be completed per OEM requirements or as needed at no cost to the city. If upgraded materials are utilized at the request of DEN the difference from the cost will be paid by DEN. Upgraded materials/colors must be approved by DEN. The remaining APM 100 legacy fleet will be re-floored by the contractor within 18 months of the start of the new contract.
- Other Maintenance-Maintaining updated maintenance manuals, maintenance testing as required and maintenance of tools, equipment, and furniture.

7.3 Equipment and Systems to be Maintained by the Contractor

7.3.1 System equipment and subsystems to be maintained shall include but not be limited to all existing systems, subsystems, and internal/external interfaces in operation and not be limited to all:

- Vehicles and all on-board equipment
- Power distribution equipment
- Command, Control, monitoring, and Communications equipment

- Guideway equipment
- Station equipment
- Maintenance equipment

7.3.2 Deposits of foreign materials from the operations or maintenance of the system onto the guideways, vehicles and/or equipment shall be removed in a timely manner. Damage to surfaces of the guideways, vehicles, and equipment, shall be remedied by touch-up in a professional manner. If such removal is not performed in a timely manner, the City may perform such services and deduct the cost from the Contractor's monthly payment.

7.4 Obsolete Parts

7.4.1 The Contractor will be responsible for obsolescence, and equivalent substitutions of obsolete items or parts at no cost to the city.

7.4.2 System renewal and overhaul is separate from the O&M Contract. The Contractor shall inform the City by conditional assessments and CARP.

8 RECORD KEEPING AND REPORTS

8.1 General

8.1.1 The Contractor shall maintain a good record keeping methodology so that information on the AGTS operation, performance and reliability can be readily and easily identified and reported.

8.1.2 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.

8.1.3 The Contractor shall provide reports on AGTS Operation as well as AGTS Maintenance as required by the City and such reports shall be provided as requested.

8.1.4 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.

3. 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 provided to the City.
- 8.1.5 Contractor shall provide quarterly an asset register with the minimum fields required. All new assets shall be identified and assets that have been retired/decommissioned shall be identified. The Contractor will provide additional asset information and attributes on the quarterly register as they become available.
- 8.1.6 Contractor shall supply DEN with an asset register of all assets > \$5,000 in value and an expected useful life of >1 year. Any critical assets, no matter the cost, should be flagged.
- 8.1.7 Contractor shall provide a description of their risk assessment scoring methodology. If a change occurs, the contractor shall provide a new version. Components, as agreed to between the Contractor and City, should include:
 1. Likelihood of failure
 2. Consequence of failure
 3. Conditional assessment rating scale
- 8.1.8 Contractor shall provide a quarterly report based upon asset of the following:
 1. The total number of hours spend by Work Order type on each asset
 2. The total number of work orders on each asset
 3. Material by Work Order Type.

8.2 Inventory Control System

- 8.2.1 The Contractor shall use a complete inventory control system utilizing a Computerized Maintenance Management System (CMMS) or Customer Portal that includes all activities required to maintain an adequate supply of materials, supplies, and equipment to operate and maintain the AGTS, including such functions as purchasing and disbursement, expediting, receiving, cataloging, storage, and requisition control. The Contractor shall maintain computerized inventory records, which include equipment, parts, and consumables listings, required quantities, and reorder points. The data from this system shall be DEN property immediately upon termination of this Contract.

8.2.2 The City (DEN) shall have access to this CMMS at any time through the course of the contract and will receive the data at the termination of the contract.

8.2.3 All Contractor CMMS data can be exported for DEN and use by DEN.

8.3 Operating and Maintenance Records

8.3.1 The Contractor shall be required to use and establish initial setup of a CMMS to log all work activity, including but not limited to, all scheduled and unscheduled maintenance and repairs, labor, parts management, and asset management.

8.3.2 All Contractor CMMS data relating to section 8, shall be remotely and digitally accessible by DEN utilizing a CMMS web interface.

8.4 Management Reports and Records

8.4.1 The operations and maintenance records shall include a daily summary of all work and include all interruptions to normal service detailing the duration and general cause of such interruptions. Detailed explanations of the cause of interruptions are due no later than 72 hours after the close of the incident.

8.4.2 Daily Reports

General

8.4.2.1 Daily Reports shall be issued no later than 12:00 PM the following business day.

Daily Pass-Down

8.4.2.2 Provide a daily pass-down report to the City detailing all activities performed during the previous day of operations, including the following items as a minimum (itemized by shift):

- a. Active Alarms Fleet/System Wide
- b. Completed Daily checks and job plans with task #, WO#, personnel initials (electronic format), and abnormal finding notation log.
- c. Bi-daily's completed with train and car numbers. Personnel initials (electronic format). Abnormal finding notation log.
- d. Departure tests completed including train and car consist numbers WO# and completed vehicle P.M and C.M with job

plan, car #, WO#, personnel initials (electronic format)(itemized)

- e. Completed Systems Scheduled preventive and corrective maintenance. (itemized)
- f. Completed Systems Unscheduled preventive and corrective maintenance (itemized). With a description of the work.
- g. IROP details to include summary and detailed log of downtime events and related triggers, security breaches, etc.
 - 1. Detailed incident/downtime report with root cause due in the availability report.
- h. Additional work, inspections, escorts, information to assist the O&M and following shifts to ensure all systems are running effectively.
- i. Additional information may be added by the Contractor and requested by the city.

8.4.2.3 A daily record of all alarms, malfunctions, and operations logged by the system will be generated and the live data will be accessible in raw pdf and csv format and/or remotely and digitally accessible by DEN.

8.4.3 Weekly Reports

General

8.4.3.1 Weekly Reports shall be issued no later than 12:00 PM the Monday following the week being reported.

O&M Performance Report

8.4.3.2 DEN shall be supplied weekly with daily complete Out of Service/Interruption Reports, documenting the previous week. Out of service reports will also be submitted at DEN's request for special incidents. The intent of this section being to inform DEN as information becomes available.

8.4.4 The procedures and forms for such record keeping shall be dated and signed by appropriate Contractor personnel. All correspondence under this Contract shall be serialized.

8.5 Additional Required Reports

8.5.1 General

8.5.1.1 Monthly Reports shall be issued no later than 12:00 on the 15th day of the month and at least one day before the submission of any invoice.

8.5.1.2 Ad Hoc reports shall be issued no later than 7 business days after the request is received.

8.5.2 During the term of this Contract, using the Computerized Maintenance Management System (CMMS), the Contractor shall conduct a program of operational data collection and analysis as contained in the System Assurance Monitoring Plan. This data is to validate the actual performance of the AGTS in passenger service and to verify service availability requirements.

8.5.3 The Contractor shall submit at a minimum the following and any ad hoc reports requested by DEN on a monthly basis:

- A Reliability Growth Chart, commencing at the end of the first month of the Contract
- Availability and Incentive Payment Calculation and Quarterly Employee Payouts
- Vehicle Mileage, current month and cumulative
- Faults > 3 Min. (wayside, vehicle, other), including a narrative description and the root cause
- Material usage (e.g. consumables, spare parts, and related costs)
- Training conducted including identifying the participants, topic, schedule, successful completion, and syllabus
- Miscellaneous: Special Events, Organizational Structure, Contact information, Local Engineering Activities, Preventive Maintenance, Ongoing Projects, System Enhancements, Special Projects, Component replacement campaigns, Future Tasks and Projects.

8.5.4 All reports must be submitted in a format acceptable by DEN.

8.5.5 The Contractor shall continuously update complete System documentation, including As-built Documents, Operations Plan and Manuals, Maintenance Plan and Manuals, O&M Management Plan, and the Rule Book as any changes are implemented. The Contractor shall make all System documentation available to the City.

8.6 Plans

8.6.1 The Contractor shall provide the City a copy of each of the plans listed below. Within 30 days of contract initiation and anytime a change is made to the plan(s), the Contractor shall provide the City an updated copy. These documents shall be reviewed and/or updated annually at a minimum and sent to the City by January for the prior year.

- Maintenance Plan
- Safety Plan
- Operations Plan
- System Assurance Monitoring Plan
- Training Plan

8.7 Additional Monitoring Systems

8.7.1 The contractor shall provide DEN with 24/7 live monitoring systems and guideway display that display the entire system and any vehicle movement at once, along with the PDS and any other functions.

The contractor provided System Schematic Display (SSD) shall provide live 24/7 visual representation of operating conditions throughout the system. The display shall:

- 8.7.1.1 Show approximately scaled graphical representations of the guideway, stations, switches, Maintenance and Storage Facility, and any other relevant physical features.
- 8.7.1.2 Incorporate dynamic, colored displays that graphically depict operating conditions for all parts of the automatic system, including at least:
 - a. The location and identification of all trains in all parts of the system designed for automatic operation. This shall be accomplished by dividing the schematic into zones, representing the stations and physical segments of the guideway and control blocks. The occupancy any train of a zone or block shall be identified.
 - b. The direction of travel of all active trains.
 - c. The number of cars/vehicles comprising each train.

- d. The identification number the ATC and Central Control Operator uses to interact with the train.
- e. The status of the train relative to its scheduled position.
- f. The status of all switches in the system, including:
 - 1. the direction a vehicle would follow through a switch,
 - 2. if the switch is moving or stopped and locked, and
 - 3. if the switch has any faults.

8.7.1.3 The operating mode and status of selected items of wayside equipment, such as ATC, and back-up power equipment.

8.7.1.4 The active or inactive status of each station, the current active dwell for each station, and any significant station equipment malfunctions, including doors.

8.7.1.5 All normal conditions shall be indicated by a green color, all abnormal conditions shall be indicated by a red color, and all ATS override conditions shall be indicated an amber color.

The contractor will collaborate and provide any equipment and interfacing necessary to ensure the 24/7 monitoring of the train system is available at locations needed by the city.

Audio and Video recording feeds shall be available, stored, and shared as requested, for the term of the contract, and comply with any other contractual record keeping requirements.

8.7.2 The contractor shall provide live and historical data from the Automatic Passenger Counting (APC) system on all platform station doors.

The contractor will ensure DEN has adequate subscriptions and access 24/7 to a web-based portal for accessing real time and historical data through the term of the contract.

8.7.2.1 In addition to coordinating and ensuring live data is available the contractor will provide data extracts as requested in a mutually agreed upon format and media.

8.8 Falsification of Documents

8.8.1 The falsification of any documents or reports may subject the Contractor to Performance Payment Deductions. Each occurrence will have a deduction

of \$10,000 off the lump sum balance prior to calculating the availability payment.

9 SYSTEM AVAILABILITY AND PAYMENTS

9.1 System Service Availability

9.1.1 System Service Availability is a measure of the total quantity and quality of transportation service actually operated compared with what was scheduled over a given time period. System Service Availability (A) is defined as the product of Service Mode Availability (A_m) and Fleet Availability (A_f):

$$A = A_m * A_f$$

Station platform downtime will be handled with separate Performance Payment Deductions.

9.1.2 Downtime Event. An event in which one or more System-related problems cause an interruption and/or reduction of passenger service relative to that which was normally scheduled in the desired mode for a period in excess of three (3) minutes. When such an interruption and/or reduction occurs, downtime for the event shall include all the time from the beginning of the interruption and/or reduction in passenger service until all trains stopped on the guideway are restarted and normal operation in the scheduled mode and fleet is restored. Downtime duration will be measured in minutes and seconds.

9.2 Service Mode Availability

9.2.1 Service Mode Availability (A_m). Actual Mode Operating Time divided by the Scheduled Mode Operating Time.

$$A_m = \frac{\text{Actual Mode Operating Time}}{\text{Scheduled Mode Operating Time}}$$

9.2.2 Scheduled Mode Operating Time. The total time that the System is scheduled by the City to provide passenger service in a specific operating mode.

9.2.3 Actual Mode Operating Time. The difference between Scheduled Mode Operating time and Mode Downtime.

9.2.4 Mode Downtime. The total duration of all Downtime Events occurring while the System is scheduled for service in a specific operating mode.

9.2.5 K Factor

If a Downtime Event occurs and service is not restored to the scheduled service mode, but rather a lesser service mode is operated for failure management, then A_f

shall be defined according to the requirements for that lesser mode of service over that period. To determine A_m , the entire time period for operating such an unscheduled lesser level of service shall be counted as partial Mode Downtime by multiplying A_m by the K Factor which reflects the actual AGTS capacity of service offered, determined in accordance with the following table. If new modes of system operation(s) are developed and implemented into the system, an appropriate K factor will be mutually agreed upon by the Contractor and the City.

K FACTORS FOR A_m	
Actual Failure Management Operating Mode:	K Factor:
Run-around, bypassing either C West or C East	0.90
Short loop, when long loop scheduled	0.90
Long loop, when short loop is scheduled	0.90
Night Shuttle with one tunnel unavailable due to City maintenance	0.75
Run-around, bypassing either A West or A East	0.45
Run-around, bypassing either B West or B East	0.45
Run-around, A and C Loop	0.45
Run-around, bypassing both A and B	0.25
Double Shuttle operating only between A and C	0.25
Single Shuttle	0.25
No Train Movement	0.00

9.2.6 Service Mode Availability Example Calculation:

During an incident lasting 10 minutes, trains run in a loop bypassing the platform at Concourse C West, rather than the scheduled full loop. There are no other incidents for the day.

$$Downtime_{incident} = Duration * (1 - K) = 10 * (1 - 0.9) = 1 \text{ minute}$$

$$Uptime_{day} = \frac{\text{minutes}}{\text{day}} - Downtime_{day} = 1,440 - 1 = 1,439 \text{ minutes}$$

$$Availability_{day} = \frac{Uptime_{Actual}}{Uptime_{Scheduled}} = \frac{1,439}{1,440} = 99.93\%$$

9.3 Fleet Availability

9.3.1 Fleet Availability (Af).- Actual Vehicle Time divided by Scheduled Vehicle Time.

$$A_f = \frac{Actual\ Vehicle\ Time}{Scheduled\ Vehicle\ Time}$$

9.3.2 Actual Vehicle Time. The product of the actual number of fully functional vehicles provided in the specific operating mode and the time for that mode. In no case shall the actual vehicle hours exceed the schedule hours. A vehicle with a Priority I or II malfunction, that requires immediate removal from service, shall not be counted as fully functional for this calculation. A fleet availability factor of 0.75 shall be applied for each door set that is out of service. If both door sets on one side of a vehicle are out of service, the entire vehicle is considered out of service. A fleet availability factor of 0.50 may be applied for each train that is operating in manual mode. A fleet availability factor of .50 shall be applied on the minutes of non-availability which are resulting from incidents that occur during scheduled operations of 8 trains for the first two-years of this contract.

9.3.3 Scheduled Vehicle Time. The product of the scheduled number of vehicles in the scheduled-size trains prescribed by the City for operation for the specific operating mode and the time scheduled for that mode.

9.3.4 Fleet Availability Example Calculation. During an incident lasting 10 minutes, 4 trains are run, while 5 were scheduled. There are no other incidents for the day.

$$Downtime_{incident} = Duration * \left(1 - \frac{Trains_{Actual}}{Trains_{Scheduled}}\right) = 10 * \left(1 - \frac{4}{5}\right) = 2\ minutes$$

$$Uptime_{day} = \frac{minutes}{day} - Downtime_{day} = 1,440 - 2 = 1,438\ minutes$$

$$Availability_{day} = \frac{Uptime_{Actual}}{Uptime_{Scheduled}} = \frac{1,438}{1,440} = 99.86\%$$

9.4 Exclusions

9.4.1 The following events are not Downtime Events. Delays due to these exclusions are not to be used in determining Service Mode Availability. Exclusions not listed shall be mutually agreed upon by the Contractor and the AGTS Administrator.

Passenger-induced interruptions or delays

Interruptions caused by intrusions of persons or objects into non-public areas of the System.

Interruptions caused by non-System induced loss of service, e.g., total loss of utility service, vehicle diversion resulting from security provisions.

Periods when the fixed facilities are not available unless their unavailability is solely attributable to the Contractor or its vehicles/subsystems.

9.5 System Service Availability Payment Factor

9.5.1 Incentive Payments are any amounts in excess of the stated regular compensation, which are paid to the Contractor as a result of applying Payment Factors of 1.01 or greater.

9.5.2 The monthly System Service Availability shall determine the Contractor's total monthly compensation. The Contractor's total invoice amount shall be multiplied by a Payment Factor to determine the compensation payable to the Contractor for the month, in accordance with the following:

System Availability (A)	Payment Factor*	Maximum Downtime Minutes for:			
		31 - Day Month	30 - Day Month	29 - Day Month	28 - Day Month
≥ 99.990% - 100.000%	1.08	4.464 - 0	4.320 - 0	4.176 - 0	4.032 - 0
≥ 99.970%	1.06	13.392	12.960	12.528	12.096
≥ 99.950%	1.04	22.320	21.600	20.880	20.160
≥ 99.930%	1.02	31.248	30.240	29.232	28.224
≥ 99.860%	1.00	62.496	60.480	58.464	56.448
≥ 99.650%	0.90	156.240	151.200	146.160	141.120
≥ 99.510%	0.80	218.736	211.680	204.624	197.568
< 99.510%	0.50	>218.736	>211.680	>204.624	>197.568

** Payment Factor determination will be based on both system availability percentage and corresponding maximum downtime minute threshold limits. When maximum downtime minutes are exceeded in each part of the table, the next payment factor segment will be applied. One payment factor will be applied.*

9.5.3 These payments are intended to encourage and reward the highest quality performance by the Contractor and its Denver site employees. The Contractor shall be required to share all net Incentive Payments under this provision, at a 25/75 distribution between the Contractor and the Denver site employees. The 75% employee distribution shall be equally divided among the site employees. Incentive Payments, if earned, shall be distributed by the Contractor on a quarterly schedule to the site employees.

9.5.4 The “Net Incentive Payment” for a quarter equals the total Incentive Payments for the quarter minus the total Performance Payment Deductions for the quarter. If the quarterly net Incentive Payment is a negative number

(i.e., the quarter's aggregate Performance Payment Deductions exceed the quarter's aggregate Incentive Payments), the Contractor shall absorb the deficit and shall not reduce any employee's pay. The Contractor shall furnish to the City a record of the quarterly employee distributions which it makes as required within 15 days after the date of such distribution. Each quarterly distribution shall be made no later than one (1) month after the end of the quarter.

9.6 Performance Payment Deductions for Downtime Events

9.6.1 In addition to the System Service Availability requirements, deductions will be made from the monthly invoices for Downtime Events that exceed the duration and/or frequency set forth on the table below:

9.6.2 Deduction Table

Length of Downtime Events	No. of Allowable Events per Month	Deduction per Month	No. of Allowable Events per Day	Deduction
Greater than 3 minutes and less than or equal to 10 minutes	30	\$5,000	5	\$1,500 per event
Greater than 10 minutes and less than or equal to 20 minutes	2		1	\$1,700 per event
Greater than 20 minutes and less than or equal to 30 minutes	1		1	\$2,000 per event
Greater than 30 minutes	0		0	\$2,400 per event
Single station door malfunction* greater than 3 minutes, per door	0		0	\$60 per minute
Malfunction* of both station doors for a given berth greater than 3 minutes, per pair	0		0	\$300 per minute
Single Automatic People counter device that is nonoperational greater than 24 hours	0		0	\$100 per unit per day
Single Station and/or Vehicle sign that is nonoperational greater than 72 hours	0		0	\$100 per unit per day

9.7 System Service Availability Reporting

9.7.1 The Contractor shall gather and analyze the data required for calculating System Service Availability. This process, including the details of definitions, calculations, and reporting, shall be subject to review and approval, as well as accessible throughout the term of the contract by DEN.

9.7.2 If the City believes that the System Service Availability reports do not accurately measure what is occurring, the City may hire a qualified consultant to obtain data and prepare the System Service Availability report, using methods which comply with the Contract Documents. The report prepared by the third party shall take precedence over the Contractor prepared report and shall be paid for by the Contractor if the report produces a lower monthly payment than the Contractor's report.

9.8 Performance Payment Deductions for Overdue Vehicle Preventive Maintenance

9.8.1 DEN may assess Performance Payment Deductions of the Contractor for vehicle preventive maintenance work that is overdue. These Performance Payment Deductions will be deducted from the monthly invoice in which the PM is completed. These Performance Payment Deductions will not be included in net Incentive Payments.

9.8.2 Each vehicle’s cumulative mileage is measured daily at 23:59. Mileage between PMs will be calculated as the difference between the mileage for the day of completion for a PM and the mileage for the day the same PM was last completed on a given vehicle. No deduction will be assessed for PMs less than 5 percent past due, but beyond that Performance Payment Deductions may be assessed for each 5 percent mileage increment that a PM has gone past due.

PM type	5% mileage tolerance increment	Performance Deductions assessed for every 5% past due (USD)
6k	300	\$120
18k	900	\$250
36k	1,800	\$15,000
72k	3,600	\$18,000
500k	25,000	\$6,000

9.8.3 Each PM includes all of the smaller PMs, so a 36k includes an 18k and a 6k. Performance Payment Deductions may be assessed when any PM is performed more than 5 percent past due.

1. For example, consider a 36k PM that is performed 37,000 since the last 36k (1,000 miles past due), that includes an 18k performed 18,950 miles since the last 18k (950 miles past due), and also includes a 6k performed 6,650 miles since the vehicle’s last 6k (650 miles past due). Since the 36k portion of the work is less than 5 percent past due, there is no performance deductions for that portion, however the PMs included within the 36k will incur Performance Payment Deductions. Since the 18k was more than 5 percent past due, performance deductions of \$250 will be assessed, and since the 6k was more than 10 percent past due, an additional \$240 of liquidated damages will be assessed. Altogether that makes a penalty of \$490 for the 36k PM.

9.8.4 In no event shall the performance payment deductions under sections 8.8, 9.6, 9.8 and 10.2 cumulatively exceed 5% of the annual Contractors price on an annual basis.

9.9 Payment Procedures for Additional Work

9.9.1 The AGTS Administrator may determine that additional compensation will be due to the Contractor for work performed outside the terms of the Scope of Work. If this is determined, then the Contractor shall supply a quote to the AGTS Administrator.

9.9.2 If, as a result of the System Assurance Monitoring, the Contractor determines that redesign and/or replacement of AGTS components are necessary or desirable, the proposed method of accomplishing such redesign and/or replacement shall be submitted to DEN for review and approval prior to initiating such work. To the extent not covered by the Contractor's warranty, any such redesign and/or replacement together with any work associated therewith shall be performed at a mutually agreed upon price between the City and the Contractor. Under no circumstances shall the Contractor withdraw the AGTS from passenger service for such purposes without prior written authorization from the AGTS Administrator.

9.10 Subcontractor Markup

9.10.1 Whenever the Contractor is instructed to hire subcontractors to have work performed, the mark up paid to the Contractor will be limited to a maximum of 10% of the subcontractor’s submitted invoices.

9.11 Compensation

The City agrees to pay the Contractor for the performance of all the work to be required to be performed under this Contract, and the Contractor agrees to accept as its full and only compensation therefor those amounts defined below subject to any deductions or incentive payments:

9.11.1 Annual Lump Sum Payments

Total Compensation					
YEAR	Monthly Price	Yearly Price	*Total Possible Yearly Price with Maximum 8% Incentive Calculations	Maximum 5% Allowable Annual Increase Per CPA	Total Possible Yearly Price Including Potential 5% Annual Increase
Year 1	\$ 2,773,590.42	\$33,283,085.00	\$ 35,945,731.80	N/A	\$35,945,731.80
Year 2	\$2,773,590.42	\$33,283,085.00	\$35,945,731.80	5%	\$37,743,018.39
Year 3	\$2,773,590.42	\$33,283,085.00	\$ 35,945,731.80	5%	\$39,540,304.98
Year 4	\$ 2,763,304.33	\$33,159,652.00	\$ 35,812,424.16	5%	\$41,184,287.78

Year 5	\$ 2,763,304.33	\$33,159,652.00	\$ 35,812,424.16	5%	\$42,974,908.99
Year 6	\$ 2,763,304.33	\$33,159,652.00	\$ 35,812,424.16	5%	\$44,765,530.20
Year 7	\$ 2,763,304.33	\$33,159,652.00	\$ 35,812,424.16	5%	\$46,556,151.41
*Maximum Incentive Calculations will be applied/paid if applicable in monthly installments and are subject to adjustments and deductions as set forth in the agreement.					

Payment of the lump sum amounts above will be made in monthly installments. All monthly payments will be made after receipt of invoices subject to any adjustments or deductions in such payments as required under this agreement. The invoice for the first Month may be submitted on or after the first day of the second month of this contract.

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 (\$). 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.

9.12 DEN agrees to a Contract Price Adjustment (CPA) increase, in no event shall the adjustment of fees paid to the Contractor by use of the CPA increase more than 5% any given year. There will be no increase to the base price in year one of the agreement.

9.12.1 At the beginning of each Year, starting at the beginning of Year 2 of the contract (January 2026), the Escalation Factor ESC_n will be applied to BP_y and the Escalated Amount BP_n will be invoiced monthly:

1. Apply an Escalation Factor ESC_n to the base price BP_y

$$ESC_n = 80\% * \left(\frac{LaborUS_n}{LaborUS_{base}} \right) + 20\% * \left(\frac{PPI_n}{PPI_{base}} \right)$$

2. The Yearly Base Price (BP_n) for the Year n will be calculated in accordance with the following formula:

$$BP_n = BP_y * ESC_n$$

9.12.2 Definitions:

1. Base: Refers to the base month which is January 2025
2. ESC_n : Means the Escalation Factor applicable to the relevant Year n

3. Labor USbase: Means the value of Prevailing Wage rates for Elevator Mechanics (Denver Prevailing wages does not have a category for APM Mechanics) as published by the City and County of Denver in January 2025
4. Labor US n : Means the value of Prevailing Wage rates for Elevator Mechanics as published by the City and County of Denver in January for Year n
5. PPIbase: Means the Producer Price Index Railroad Rolling Stock Manufacturing: Street, Subway, Trolley, and Rapid Transit Cars, and Railway Maintenance Equipment and Parts (PCU3365103365105) as published by Bureau of Labor and Statistic in January 2025
6. PPI n : Means the Producer Price Index Railroad Rolling Stock Manufacturing: Street, Subway, Trolley, and Rapid Transit Cars, and Railway Maintenance Equipment and Parts (PCU3365103365105) as published by Bureau of Labor and Statistic in January for the Year n
7. BPy: Means the Yearly base price as submitted by Alstom in its proposal for the year n (BPy = Yearly base price for year n in the price table from year 1 to year 7)
8. BP n : Means the Yearly Base Price including the escalation factor for the Year

9.13 Incentive Payments

See Section 9.5 for Performance System Service Availability Payment Factor determinations. The chart in Section 9.11 for Compensation contains the total possible compensation amounts. Actual compensation shall depend upon a number of performance factors including incentives and deductions found in this Contract.

10 CORRECTIVE ACTION

10.1 Design Reviews

- 10.1.1 For any calendar month during the Contract term in which a minimum System Service Availability of 99.65% is not met and/or performance records indicate it will not be met, the Contractor shall, at its expense, promptly undertake a review of maintenance procedures.
- 10.1.2 For any calendar month during the Contract term in which minimum System Service Availability of 99.5% is not met and/or performance records indicate it will not be met, or if System Downtime Events exceed the requirements of System Availability, the Contractor shall, at its expense, promptly undertake design reviews and a review of maintenance procedures. Such design reviews shall be performed at the Contractor's United States headquarters unless otherwise approved by DEN.
- 10.1.3 In either case, the Contractor, within one calendar month from the commencement of such review(s), shall propose a corrective action plan to

DEN for approval or rejection. In addition, the Contractor shall take immediate corrective action to mitigate the cause at the approval DEN.

10.1.4 The corrective actions shall be documented in a Failure Analysis Report. A preliminary Failure Analysis Report shall be issued by the Contractor to DEN before the corrective program is initiated and a site-specific final Failure Analysis Report shall be issued when the success of the corrective action can be substantiated. The Failure Analysis Report shall address the detailed diagnosis of each failure and shall identify but is not limited to corrective actions, failed components, root cause, lapses in training, safety correction measures, and recommendations for future design and consideration. Final Failure Analysis Reports are to be due within three months once commenced and not extended unless requested and approved by DEN.

10.2 Total System Shutdown

10.2.1 The Contractor shall agree that the determination of liquidated damages below is based on the fact that the airport operation will be hindered if passengers cannot travel between the Terminal and the Airside Concourses.

10.2.2 The Contractor shall be liable to DEN, as Performance Payment Deductions and not as a penalty, \$10,000.00 for each and every hour if a Total System Shutdown lasts more than one hour and is caused solely by the Contractor's breach of this Contract. The Performance Payment Deductions will not be applied during the night shuttle operation with one tunnel unavailable due to DEN maintenance. DEN shall have the right to deduct the damages from any amount due or that may become due the Contractor or collect such Performance Payment Deductions from the Contractor or its surety.

APPENDIX A - DENVER AIRPORT AGTS ASSET CONDITION ASSESSMENT

General

Alstom will be performing Annual Condition Assessments on selected Vehicle and Infrastructure Assets in the Denver AGTS System under its maintenance responsibility.

This document describes the list of the assets which are selected to be rated every year.

Condition assessment

Condition Assessments will be based on a detailed RAMS (Reliability, Availability, Maintainability and Safety) performance analysis. Alstom will elaborate a methodology of rating for each class of asset, which will be based on measurement done during the inspections, rate of failure of the equipment and professional judgement. The Assessment Methodology will be provided as part of the deliverables of the project.

The result of the condition rating assessment will follow a 1- to 5 rating scale. The following table provides the definitions corresponding to the numerical condition assessment ratings:

Rating	Condition	Description
5	Excellent	No visible defects, new or near new condition, may still be under warranty if applicable
4	Good	Good condition, but no longer new, may have some slightly defective or deteriorated component(s), but is overall functional
3	Adequate	Moderately deteriorated or defective components; but has not exceeded useful life
2	Marginal	Defective or deteriorated component(s) in need of replacement; exceeded useful life
1	Poor	Critically damaged component(s) or in need of immediate repair; well past useful life

The way assessment will be provided as a deliverable is as per the example below :

Asset number	Condition Assessment Rating	Comments
D-23	5 - Excellent	
D-24	5 - Excellent	
D-25	5 - Excellent	
D-26	5 - Excellent	
D-27	1 - Poor	
D-28	2 - Marginal	
D-29	2 - Marginal	

List of assets

The Assets to be covered in the Annual Condition Assessment are detailed in the following pages of this document.

Vehicle Systems

APM100 Vehicles Couplers (Cars 17 to 31)

Vehicle	Condition Assessment Rating	Comments
17		
18		
19		
20		
21		
22		

Vehicle	Condition Assessment Rating	Comments
23		
24		
25		
26		
27		
28		
29		
30		
31		

APM100 Vehicle Signage (Cars 17 to 31)

Vehicle	Condition Assessment Rating	Comments
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

APM300R Vehicles Signage (Cars 32 to 56)

Vehicle	Condition Assessment Rating	Comments
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		

APM100 Vehicle HVAC (Cars 17 to 31)

Vehicle	Condition Assessment Rating	Comments
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

APM300R Vehicles HVAC (Cars 32 to 56)

Vehicle	Condition Assessment Rating	Comments
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		

APM100 Vehicle Drive Axles

Vehicle	Condition Assessment Rating	Comments
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

APM300R Vehicle Drive Axles

Vehicle	Condition Assessment Rating	Comments
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		

APM100 Vehicle Bogies

Vehicle	Condition Assessment Rating	Comments
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		

29		
30		
31		

APM300R Vehicle Bogies

Vehicle	Condition Assessment Rating	Comments
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		

Infrastructure Systems

Power Distribution System

TPSS #	Condition Assessment Rating	Comments
TPSS 1		
TPSS 2		
TPSS 3		

Switches

Switch	Condition Assessment Rating	Comments
11		
12		
13		
14		
15		
21		
22		
23		
24		
31		
32		
33		
34		
41		
42		
43		
44		
51		
52		
53		
54		
61		
62		
63		

Guide Rail and Power Rail

Guideway Section	Condition Assessment Rating	Comments
TRK CENTER-SPUR		
TEST TRACK		
WEST SPUR		
CENTER GUIDEWAY		
EAST GUIDEWAY		
WEST GUIDEWAY		

Track Signaling ATC/ATO Systems

ATC/ATO System Segment	Condition Assessment Rating	Comments
ATC STATION A		
ATC STATION B		
ATC STATION C		
ATC CENTRAL CONTROL STATION		
ATC STATION MAINTENANCE		
ATC STATION TERMINAL		
ATO TERMINAL EAST		
ATO TERMINAL WEST		
ATP TERMINAL		
ATO MAINTENANCE		
ATO C EAST		
ATO C WEST		
ATP CENTRAL		
ATO B EAST		
ATO B WEST		

Carwash

	Condition Assessment Rating	Comments
CARWASH		

Control Room

	Condition Assessment Rating	Comments
CONTROL ROOM		

Station Platforms

Station Platform Section	Condition Assessment Rating	Comments
EAST PLAT-A		
WEST PLAT-A		
EAST PLAT-B		
WEST PLAT-B		
EAST PLAT-C		
WEST PLAT-C		
EAST PLAT-T		
WEST PLAT-T		

Station Platform Doors

Platform Door Group	Platform Door Set	Condition Assessment Rating	Comments
T-WEST	TW1AA		
T-WEST	TW1AB		
T-WEST	TW1BA		
T-WEST	TW1BB		
T-WEST	TW2AA		
T-WEST	TW2AB		
T-WEST	TW2BA		
T-WEST	TW2BB		
T-WEST	TW3AA		
T-WEST	TW3AB		
T-WEST	TW3BA		
T-WEST	TW3BB		
T-WEST	TW4AA		
T-WEST	TW4AB		
T-WEST	TW4BA		
T-WEST	TW4BB		
T-EAST	TE1AA		
T-EAST	TE1AB		
T-EAST	TE1BA		
T-EAST	TE1BB		
T-EAST	TE2AA		
T-EAST	TE2AB		
T-EAST	TE2BA		
T-EAST	TE2BB		
T-EAST	TE3AA		
T-EAST	TE3AB		
T-EAST	TE3BA		
T-EAST	TE3BB		
T-EAST	TE4AA		
T-EAST	TE4AB		
T-EAST	TE4BA		

T-EAST	TE4BB		
C-WEST	CW1A		
C-WEST	CW1B		
C-WEST	CW2A		
C-WEST	CW2B		
C-WEST	CW3A		
C-WEST	CW3B		
C-WEST	CW4A		
C-WEST	CW4B		
C-EAST	CE1A		
C-EAST	CE1B		
C-EAST	CE2A		
C-EAST	CE2B		
C-EAST	CE3A		
C-EAST	CE3B		
C-EAST	CE4A		
C-EAST	CE4B		
B-WEST	BW1A		
B-WEST	BW1B		
B-WEST	BW2A		
B-WEST	BW2B		
B-WEST	BW3A		
B-WEST	BW3B		
B-WEST	BW4A		
B-WEST	BW4B		
B-EAST	BE1A		
B-EAST	BE1B		
B-EAST	BE2A		
B-EAST	BE2B		
B-EAST	BE3A		
B-EAST	BE3B		
B-EAST	BE4A		
B-EAST	BE4B		
A-WEST	AW1A		
A-WEST	AW1B		
A-WEST	AW2A		
A-WEST	AW2B		
A-WEST	AW3A		
A-WEST	AW3B		
A-WEST	AW4A		
A-WEST	AW4B		
A-EAST	AE1A		
A-EAST	AE1B		
A-EAST	AE2A		
A-EAST	AE2B		
A-EAST	AE3A		

A-EAST	AE3B		
A-EAST	AE4A		
A-EAST	AE4B		

UPS System

UPS System Section	Condition Assessment Rating	Comments
UPS STATION A		
UPS STATION B		
UPS STATION C		
UPS CENTRAL		
UPS STATION MAINTENANCE		
UPS STATION TERMINAL		

APM 300R Spare Parts

Alstom Reference Number	Description	Quantity
3165158G01	SHOE ASSEMBLY	150
3165586G01	POWER SHOE HOLDER ASSEMBLY	60
409P980H31	VALVE TOGGLE BRASS 1/4" NPT SS	52
3164212H39	in Sealing Gasket for Access Door	50
5574C31G03	GUIDE TIRE ASSEMBLY	24
3EST000233-8783	Contact Complete Sleeve 4mm Ag	14
3EST000233-8782	Contact Complete Pin 4mm Ag	14
3167426H07	Air Filter	10
3925A66H04	AIR CHECK VALVE	10
3165160G03	DENVER CURRENT COLLECTOR ASSY (R/HAND) Bogie 1	10
3165160G06	DENVER CURRENT COLLECTOR ASSY (R/HAND) Bogie 2	10
3165160G04	DENVER CURRENT COLLECTOR ASSY (L/HAND) Bogie 1	10
3165160G05	DENVER CURRENT COLLECTOR ASSY (L/HAND) Bogie 2	10
3165587G01	ATO SHOE HOLDER	10
3007118G14	PUSH BUTTON, RED	10
404P405100	INTERIOR VEHICLESPEAKER ASSEMBLY	10
409P021H36	NON-DIRECTIONAL MIC, 105dB, DC12V	10
404P996H11	CHECK VALVE 1/2 FEMALE X 1/2 MALE	8
1502F63G05	GUIDE WHEEL ASSEMBLY	8
4677C31H02	SHAFT	8
404P902H01	VALVE	8
3EST92-492	CONFIGURATION UNIT (MOBAD) DCA 0030A	8
3167428H02	Left rear sealing rubber	8
3167428H03	Right rear sealing rubber	8
3167428H09	Right front sealing rubber	8
3167428H10	Left front sealing rubber	8
3167428H11	Left lower sliding guide strip	8
3167428H12	Right lower sliding guide strip	8
3167428H30	Rolling Pin Assembly	8
3167428H32	Transparent cover	8
3925A65H01	RELIEF VALVE	6
3925A67H03	VALVE QUICK RELEASE	6
409P980H31	VALVE TOGGLE BRASS 1/4" NPT SS	6
8594C63H02	STD. FAN 24 VDC 94 CFM	6
404P700H16	LEVELING VALVE	6
3007118G13	PUSH BUTTON, DPDT, RED	6
404P157148	PUSHBUTTON, YELLOW, ILLUM LED, FORM C, 1 POLE	6
3EGM049876-1101	Busbar (AC)	6
3EGM068837-0001	IGBT-module dual	6
3EGM068940-0111	GDU PROP	6
3153559H01	headlamp module	6
3164921H01	Lens diffuser	6
3161200H22	Fuse Terminal	6
3161200H18	Fuse	6

Alstom Reference Number	Description	Quantity
3161200H18	Fuse	6
3161200H07	CONTACTOR	5
3167429H01	LED module	5
3025539H02	Spot light	5
3154380H01	STOPPER LEFT	4
3154383H01	STOPPER RIGHT	4
8589C64H87	SPRING - BRAKE SHOE RETURN	4
8589C64H97	WEDGE ASSEMBLY 12 DEGREE	4
8589C64H94	SPIDER BRAKE	4
5D74671G01	GUIDE WHEEL HUB ASSEMBLY	4
3157361G01	VATC TACHOMETER --- ---	4
3EGM068015-0001	Voltage transducer	4
3EGM068913-0011	Capacitor	4
3EGM068916-0031	Temperature sensor PT 100	4
3EST000225-5715	GW-C MODULE ASSY.	4
3EST000225-7224	MITRAC Vehicle VCU-C	4
8594C63H02	Internal Fan (FAN 24 VDC 206 CFM)	4
3156396G01	SMOKE DETECTOR ASSEMBLY	4
409P176H16	PHOTOELECTRIC 24VDC	4
409P176H18	RELAY BASE	4
3051575H06	CENTER SIDE WINDOW Clear Glass, Clear PVB	4
3051574H06	CORNER SIDE WINDOW Clear Glass, Clear PVB	4
3167427H05	Pneumatic System	4
3EER400023-8532	Screw MRT-GF	4
3167428H01	Motor	4
3167428H17	Loading roller assy	4
3167428H17	Loading roller assy	4
3159815G01	EAD Bowden cable sleeve assembly	4
3159816G01	EED Bowden cable sleeve assembly	4
3167428H25	Anti-roller assy	4
3167428H25	Anti-roller assy	4
3167428H27	Drum type coupling	4
3167428H33	Spherical support	4
3164931H02	LED head running lamp (left) light source assembly	4
3164932H02	LED head running lamp (right) light source assembly	4
3161872H01	LED head running light (right)	4
3161873H01	LED head running light (left)	4
3164212H11	Intermediate Relay (RY3)	4
3154150H45	Fusible link, Heater	4
3153089H12	Filter drier	4
3153680H19	Mixed Air filter	4
3154150H48	Nozzle, Drain	4
3154150H51	Fresh Air Filter	4
2534B39H05	ADJUSTABLE PRESSURE SWITCH	3
404P840H29	PRESSURE PROTECTION VALVE 80PSI	3
404P840H48	AIR PRESSURE REGULATOR	3

Alstom Reference Number	Description	Quantity
404P996H03	CHECK VALVE	3
409P006H11	FAIL SAFE VALVE 24V SINGLE SOLENOID	3
409P006H12	FAIL SAFE VALVE SUBBASE SERIES H1	3
409P980H32	VALVE 2 POSITION PILOT OPERATED N.C.	3
404P840H30	MANIFOLD PAV	3
404P840H31	E/P PRESSURE REGULATOR 24VDC, 0-10VDC CONTROL	3
404P840H32	PRESSURE REGULATOR ED05 COUPLING KIT	3
3019288H06	BREATHER ASSEMBLY	3
404P506H05	SWITCH	3
409P063H13	AUDIO ALARM 95dB 30 VDC	3
409P260H06	LIGHTNING ARRESTOR, 650 VAC, 3 PHASE	3
3027573H01	JOYSTICK	3
3153998G01	JOYSTICK ASSEMBLY	3
404P459H29	RECEPTACLE TYPE 20	3
404P500H09	MICROPHONE PREAMPLIFIER MODULE	3
404P513H16	POTENTIOMETER 8 OHM	3
404P703H55	SWITCH TOGGLE	3
404P975H23	KNOB - .25 INCH ROUND SHAFT	3
404P290H96	VEHICLE NETWORK CAMERA 1080P	3
3027162G01	PA SPEAKER ASSEMBLY --- ---	3
3163863G01	ASSY ANTENNA APM TRACK RX --- ---	3
404P732202	ORS ANTENNA	3
3EEC200002-0912	Switch 21EN9-6	3
3167427H13	Valve V-5.x (EC)	3
3167427H20	Inductive sensor	3
3167427H25	Valve V-4.x (Uncoupling Cylinder control x)	3
3153170G01	EDCU	3
3167428H04	Right fully locked switch	3
3167428H05	Left fully locked switch	3
3167428H06	Right fully closed switch	3
3167428H07	Left fully closed switch	3
3167428H08	Emergency unlocking switch	3
3167428H13	Electromagnetic	3
3167428H14	Middle unlocking device	3
3167428H18	Microswitch	3
3049911G01	Onboard Ethernet Switch Viper 12 Port Managed	3
3156864G01	Track Signal Antenna Pre-Amplifier Assembly	3
3167426H27	SAFETY VALVE	2
3167426H30	SDR Non Return Valve	2
3167426H36	KIT AIR FILTER 1613978500	2
3167426H44	Connector Head	2
3051576H03	END WINDOW CLEAR GLASS, CLEAR PVB	2
3051577H07	Door Windows	2
3167427H04	Draft Gear	2

Alstom Reference Number	Description	Quantity
3167427H10	Electric Coupler Actuator	2
3167427H11	MRP Valve	2
100608788	Socket Joint Kit	2
3167427H14	Socket Joint Kit	2
100539894	Operating Cylinder	2
3167427H16	Support Spring	2
3167427H21	Hose 1	2
3167427H22	Hose 2	2
AR-000-0003-9177	Seal	2
3167427H29	Rubber Spring	2
3EER400023-8082	Guide Pin	2
3EER400023-8048	Sealing Strip	2
3EST000233-8779	Extension Spring	2
3EER400023-7921	Roller	2
3EER400023-7924	Sealing	2
3EER400023-9126	Hex. Countersunk Screw	2
3EER400023-7931	Sealing	2
3167427H34	Seal	2
3EER400023-8051	Guide Bearing	2
3EER400023-9537	Exhaust Silencer G 1/8	2
100243141	Grease Fitting	2
3167427H38	Seal	2
55100272S	Securing Plate	2
55100274S	Hex. Head Nut	2
3167427H41	O-Ring	2
3042030155	Tredo Grommet	2
3EEC200000-9622	Tredo Grommet	2
3167427H42	O-Ring	2
3153163G01	Operator	2
3153164G01	Left Door Leaf	2
3153165G01	Right Door Leaf	2
3153168G01	Emergency Egress Device	2
3167428H15	Right loading trolley	2
3167428H16	Left loading trolley	2
3153166G01	Right Emergency Access Device	2
3153156G01	Left Emergency Access Device	2
3167428H19	Left turn nut assy.	2
3167428H20	Right turn nut assy	2
3167428H21	Left fork assy	2
3167428H22	Right fork assy	2
3167428H23	Left connection plate assy	2
3167428H24	Right connection plate assy	2
3167428H26	Anti-kicking plate	2
3167428H26	Anti-kicking plate	2
3167428H28	Motor bracket assy	2

Alstom Reference Number	Description	Quantity
3167428H29	Right support assy	2
3167428H31	Sealing shim II	2
3167428H31	Sealing shim II	2
3167428H34	Sealing shim I	2
3167428H34	Sealing shim I	2
3164927H07	LED module	2
3151643G01	PA SPEAKER MICROPHONE	2
3154150H90	Evaporator fan assembly	2
3161200H11	Intermediate Relay (RY1, RY2)	2
3161200H12	Time relay	2
3154150H33	Fresh air fan	2
3154150H19	Fresh air temperature sensor	2
3154150H25	High pressure switch	2
3153089H07	Pressure Differential Sensor	2
3154150H43	Thermostat, heater over-temperature	2
3153680H40	Transducer, High pressure	2
3154150H23	Low pressure switch	2
3153680H38	Transducer, Low pressure	2
3154150H91	Gasket, Return Air	2
3154150H09	Sensor, Return air temperature	2
3153089H28	Check valve	2
3154150H42	Coil, Solenoid valve	2
3154150H41	Suction line temperature sensor	2
3154150H92	Gasket, Supply air	2
3154150H04	Sensor, Supply air temperature	2
3154150H08	Thermal expansion valve	2
3164212H06	Test and control relay	2
3153089H31	Schrader Valve	2
3153089H38	Isolator Vibration Discharge	2
3153089H37	Isolator Vibration Suction	2
3164212H01	KPC Controller	2
3164212H09	Circuit Breaker	2
3161200H21	Auxiliary Contact	2
3161200H19	Mechanical interlock Device	2
3161200H20	Auxiliary Contact	2
3153089H39	Actuator, Return Air Damper	2
3153089H40	Actuator, Fresh Air Damper	2
3153089H34	Resilient Mount	2
404P498H44	PRESSURE SWITCH 1-20 PSI DPDT	2
404P498H45	PRESSURE SWITCH 2-75 PSI DPDT	2
3019289G01	BRAKE KIT, W/12 DEG WEDGE AND 912 CHAMBER	2
5585B41H03	ADJUSTING PLUNGER ASSY 12 DEGREE ANGLE	2
3D15698G02	SWAY BAR ASSEMBLY	2
2539B87H01	DUST SHIELD FR .06	2
3164215G02	DRIVE WHEEL ASSY	2
3164214H01	TIRE 10R-22.5	2

Alstom Reference Number	Description	Quantity
6D57328H03	FIRE EXTINGUISHER 5LB ABC	2
3158676H01	ISOTECH ACTUATOR	2
404P122H32	DIODE 1N5399	2
404P123H97	SUPPRESSOR-TRANSIENT, 1500W, 64.1V	2
404P157155	ROCKER SWITCH, BLACK PANEL MOUNT, 16 A	2
404P335H97	SWITCH 3 POS ROTARY KEYLOCK	2
404P336H11	SWITCH, KEY LOCK ELEMENT, 2PST, 2	2
404P405109	DYNAMIC HAND-HELD MICROPHONE	2
404P430H21	SWITCH, 3 POS, ROTARY, WIPER	2
409P302H12	FOOLPROOF EMER KEYLOCK STOP	2
3165346G01	ASSY APM PS&ID RX --- ---	2
1C46760H01	RESISTOR 15 OHMS	2
3EGM049876-0301	Busbar (DC)	2
3EGM049876-1111	Busbar (OVP)	2
3EGM068930-0001	IGBT-module dual	2
3EGM068940-0121	Gate Drive Unit	2
3EHL409407R0001	MVB TERMINATOR (M)	2
3EHL409408R0001	MVB TERMINATOR (F)	2
3EST000208-8480	MITRAC CC MIO-DXL1	2
3EST000208-8482	MITRAC CC MIO-DXL2	2
3EST000208-8484	MITRAC CC MIO-DXL2	2
3EST000214-1340	Analog I/O Unit (AX Module DCA 2100A)	2
404P682H22	Relay, 4NO / 4NC	2
4768A05H13	Critical Relay 3	2
6973C66G02	VARISTOR 45 VOLTS	2
8101708H01	Contactora	2
8102401H01	Contactora	2
8105938H01	Solid State Relay	2
8110738G01	BRAKE RESISTOR ASSEMBLY	2
8107837G01	TM 1104SP Traction Motor	2
8108230G01	Blower, 600VAC	2
8108231G01	Blower, 600VAC	2
8108499G01	LCM Assembly Primepack	2
8108500G01	MCM Assembly Primepack	2
8109001H01	SPEED SENSOR	2
3033208G03	SMOKE DETECTOR ASSEMBLY	2
409P176H22	SMOKE DETECTOR BASE	2
409P176H23	SMOKE ALARM PHOTOELECTRIC/HEAT	2
3162372H36 / 3042030H24	Filter 3/8'	2
3154150H46	COMPRESSOR	2
3164212H03	THERMOMAGNETIC CIRCUIT BREAKER	2
3164212H04	THERMOMAGNETIC CIRCUIT BREAKER	2
3161200H05	CIRCUIT BREAKER THERMOMAGNETIC 10	2
3154150H05	CONDENSER FAN	2
3151609G01	AIR SUPPLY UNIT	1
3167426H01	KIT SCROLL OFSL D-02	1

Alstom Reference Number	Description	Quantity
3167426H02	KIT MOTOR 2235930112	1
3167426H03	KIT SERVICE SDR4 EN45545	1
3167426H04	BODY KIT FOR SDR VALVE	1
3167426H05	Timer Relay K33	1
3167426H06	FLEXIBLE PIPE (E-AC)	1
3167426H08	Drain Relay K26	1
3167426H09	ALARM PRESSURE SWITCH	1
3167426H10	KIT SEALS OFSL D-02	1
3167426H11	Control Pressure Switch	1
3167426H12	Flexible cooler outlet	1
3167426H13	SOL. VALVE HEATER 24V 40MM	1
3167426H14	KIT WSDR25	1
3167426H15	KIT MPV G1/2" (WITHOUT NRV)	1
3167426H16	SDR dryer Minimum Pressure Valve	1
3167426H17	BODY KIT FOR VALVE NO 2,4	1
3167426H18	COOLER SFR 5	1
3167426H19	Solenoid Valve Heater 40mm	1
3167426H20	BODY KIT FOR VALVE NC 1.2	1
3167426H21	Cooler	1
3167426H22	Thermostat Microterme	1
3167426H23	Temperature Switch	1
3167426H24	KIT SCROLL VALVES SFR2-4	1
3167426H25	KIT Vibration dampers	1
3167426H26	Scroll bearing Grease Cartridge	1
3167426H28	PDR10	1
3167426H29	Safety Valve Goetze	1
3167426H31	COIL 24VDC -30/+25%	1
3167426H32	KIT V-belt 1513028929	1
3167426H33	Hour meter	1
3167426H34	Heating Relay K80	1
3167426H35	KIT BEARINGS 6206 2ZC3	1
3167426H37	Holder Relay K80	1
3167426H38	FILTER KIT PD10+	1
3167426H39	Diode	1
3167426H40	Quick Coupling Staubli	1
3167426H41	Clip Relay K80	1
3167426H42	RELAY K80	1
3167426H43	Indicator 50 mBar	1
3167426H45	Earth Terminal	1
3167426H46	Terminal	1
3167427H01	Automatic Coupler	1
3167427H02	Electric Coupler	1
3167427H03	Mechanical Coupler Complete	1
3167427H06	Single Acting Damper	1
3167427H07	Locking Device	1

Alstom Reference Number	Description	Quantity
3167427H08	Terminal Box	1
3167427H09	Centering Device	1
3167427H12	Switch 5EN1-6	1
3EST000233-8780	Cover Complete	1
3167427H15	Uncoupling Handle	1
3167427H17	Piston	1
3167427H18	Securing Plunge	1
3167427H19	Uncoupling Cylinder	1
3167427H23	Spring Housing Bracket	1
3167427H24	Cable Inductive sensor	1
3167427H26	Spring Set	1
3167427H27	Ground Cable (Electric Coupler-Mech. Coupler)	1
3167427H28	Ground Cable (Buffer-Pivot Anchor)	1
3EER400023-7928	Cover	1
3167427H30	Mounting Bolt Kit	1
3EST000233-8741	Bushing (Shaft Pivot)	1
3167427H31	Ground Cable (Mech Coupler-Buffer)	1
3167427H32	Seal Holder	1
3EST000233-8738	Bearing	1
3167427H33	Tension Spring	1
3167427H35	Bearing	1
3167427H36	Bearing	1
3162372H04	Plunger	1
3EST000233-8748	V-ring	1
3EER400029-7392	Male Stud Connector	1
3167427H37	Male Stud Connector	1
3167427H39	Sleeve	1
3EAM960212	Securing Plate	1
3167427H40	Securing Plate	1
3EER400023-8531	Locking Washer	1
5582032018	Split Pin	1
3167429H02	Power supply	1
3161874H01	Interior (color-temp) LED controller	1
3021096G05	ORS Controller Cradle Assembly	1
3154835G01	COHP2 CRADLE ASSY	1
3158728G01	TWC CRADLE ASSY	1
3161200H08	Contactora	1
3154150H20	Electrical heater	1
3154150H17	Fresh air damper	1
3154150H03	Return air damper	1
3153089H11	Bypass Solenoid valve	1
3154150H40	Liquid Solenoid valve	1
3153089H15	Sight glass, moisture indicator	1
3154150H50	DC to DC converter	1
404P846H42	Graphic Display Unit	1

Alstom Reference Number	Description	Quantity
3154150H47	Coil, Evaporator	1
3154150H10	Coil, Condenser	1
404P949H08	SHOCK ABSORBER	1
1C46191H01	SHOCK ABSORBER	1
8589C64100	SPRING BK CHAMBER ASSY, 9/12 SQ IN, 3.5 IN SERVICE CHAMBER	1
3158702H01	PDD TABLET	1
3EST000214-1340	Analog Input/Output Unit DCA 2100A	1
409P128H41	BUZZER	1
409P302H14	FINGER SUPPORT REST	1
3029619G06	KENWOOD REPLACEMENT RADIO ASSY ---	1
3032316H22	CISCO AIRONET 3700 (AP-B)	1
3041086H01	VEH INDUSTRIAL ETHERNET IP67 SWITCH 16-*	1
3041086H03	VEH INDUSTRIAL ETHERNET IP67 SWITCH POW*	1
3048744H01	PA AMPLIFIER MODULE	1
3052432G03	COMMS SOFT SHUTDOWN SYSTEM ASSEMBLY ---	1
3151168G01	COMMS PANEL ASSY --- ---	1
404P595H80	BREAKER MAGNETIC HYDRAULIC 5.0 AMPS ---	1
404P898H75	DC TO DC CONVERTER 24VDC	1
5D73028G01	PC BOARD, R110 CONVERTER MOTHERBD ASS'Y	1
5D73299G01	PC BOARD, LAS VEGAS RADIO RELAY I/O ASSY	1
6D58313G08	POWER CONVERTER ASSEMBLY ---	1
3044630G01	CoHP-2 USB CONFIG PLUG WITH LANYARD KIT ---	1
3154106G01	MIO-E USB CONFIG PLUG WITH LANYARD KIT ---	1
3163864G01	ASSY ANTENNA APM ID TX --- ---	1
3EST000228-7043	Digital Input/Output Unit DCN 1100A MITRAC CC MIO-E-DXL2	1
409P003H57	RELAY QN10 36VDC COIL INVENSYS B18559/4*	1
8110434G01	PROPULSION DC LINE REACTOR	1
8108059G01	MOTOR YOKE	1
3154150G01	HVAC UNIT	1

APM 100 Spare Parts

Alstom Reference Number	Description	Quantity
8621A46H02	CABLE TIE BLACK 7.4LX.19W), 100 PER BAG	5000
70310CB07C	SPRING PIN (100/BAG)	1500
70500BD30D	WASHER .164 STD STL, (500//BAG)	1000
8621A46H04	CABLE TIE BLACK 14.5L X .30W) (50/BAG)	1000
8588C47H25	TERMINAL .375 STUD 6 AWG, (100/BOX)	500
404P740H99	CABLE WELDING 6AWG 600V (ISSUE BY FEET)	500
6D59477H06	WIRE 14 AWG 600V	500
3A63290H29	PIN COTTER LG ZINC YEL CRMT (100/BAG)	500
70500BD30C	WASHER .138 STD STL (100 per bag)	500
70500BR30D	WASHER .164 STD SST (100/BAG)	500
70500CT03S	WASHER .190 WIDE STL, (100/BAG)	500
3015542H46	SERATED WASHER (100/BAG)	500
8621A46H03	CABLE TIE BLACK 14.5L X .19W) 100/BAG	500
5586B66H01	CARBON BRUSH GRADE W187	400
8840D97H02	LAMP(100 PER BOX CLEAR,24V)	400
8623A03H05	STD SOCKET 24-20 AWG TYPE III+, (100/BAG)	300
70510DL10Q	LOCKWASHER .375 X-DUTY, (100/BAG)	300
404P458H02	LOCKNUT .375-24 STL 12 POINT, (100/BAG)	300
409P226H18	TERMINAL RING 5.5 TIN PLTD 45	300
3A63303H03	PIN, COTTER LG ZINC YEL CRM, (100 PER BAG)	300
8621A46H01	CABLE TIE BLACK 3.9L X .10W), 100 PER BAG	300
3019854H01	COLLECTOR SHOE (MORGANITE)	247
3D99941G01	PROGRAM STOP ANTENNA TAPE ASSEMBLY	242
404P352H32	TEMPERATURE SENSITIVE LABEL, 21 PER STRIP	210
4567B34H66	TERMINAL RING .190 STUD 22-16 AWG PIDG	200
404P875H05	TERMINAL LUG M8 STUD 6 AWG	200
70020BP74J	SET SCREW .250-20, (200/BAG)	200
8623A03H03	STD PIN 18-16 AWG TYPE III+, (100/BAG)	200
4899B64H01	EXTENSION SPRING	200
70001BUJ8L	SCREW .190-32 X .500 PAN HD STL, (100/BAG)	200
70020BP79F	SET SCREW .500-13 X .50 SST CUP PT, (100/BAG)	200
70500BD30H	WASHER .375 STD STL, (100/BAG)	200
8589C64185	SEAL ADJUSTING BOLT (LIP SEAL)	200
3A63290H20	PIN, COTTER .094 X 1.00 LG ZINC YEL CRMT	200
70500CT03Q	WASHER .138 WIDE STL, (100/BAG)	200
70520BM10H	LOCKWASHER .164 INTERNAL TOOTH, (100/BAG)	200
8588C48H44	TERMINAL SPLICE 22-10 AWG CLOSED END TRAN, (100/BAG)	200
DOM00722	DISPOSABLE EARLOOP FACE MASK	200
4899B59H01	PIN 3.50) .375 DIA	200
3925A67H07	QRV Insert	200
3969C95H24	TIE MOUNT	200
4896B32H02	SPACER OUTER .844) .75 ID X 1.00 OD POLY	200
70020BP788	SET SCREW .438-14, (100/BAG)	200
70510DQ10K	LOCKWASHER .190 REG SST, (100/BAG)	200
DOM00362	FOLDER,MLA,STRCUT,LETTER,2PLY	200

Alstom Reference Number	Description	Quantity
3925A67H06	DIAPHRAGM QUICK RELEASE VALVE (..245835)	200
70500CT00Y	WASHER .375 STD STL, (100/BAG)	200
70500CX10K	WASHER .190 STD SST, (100/BAG)	200
409P237H23	9 MM FIXED CONTACT (CX-100)	200
3001654H02	TERMINAL SUPPORT	200
3925A67H05	QRV Seal Ring (O-ring)	150
70220DEN1A	STOP NUT .375-16 HEX SST	150
18D9633H01	STD. CONTACT .62 LG COPPER EXTRUSION	150
409P237H24	9 MM MOVEABLE TIP CONTACTS (CX-100)	150
409P237H21	9 MM SPRING LOADED CONTACT (CX-100)	150
6976C08G05	ROLLER BEARING ASSEMBLY	150
8588C01H01	WIRE 19/.0063 STRD 600V 22AWG WHT	150
1B38995G01	SHOE ASSEMBLY	146
404P546H04	BEARING CONE (15123 STRAIGHT BORE)	144
404P546H01	BEARING CUP (362A STRAIGHT BORE)	144
404P547H04	SEAL (19992 GREASE SEAL)	144
8589C64H93	WEDGE ASSEMBLY	128
5621B17H07	WEDGE GUIDE	128
404P600H36	WASHER .252 ID .44 OD .030 THK (100/BAG)	100
404P863H48	O-RING, TEFLON (-16)	100
5623B37H04	WASHER, M, CURVED SPRING, M2.5 STL ZNYL	100
70001BU241	SCREW .138-32 X .50 LG FIL HD STL	100
70001BU25Y	SCREW .164-32 X 2.00 LG FIL HD STL (25 PER BAG)	100
70001BU28Q	SCREW .190-32 X .75 LG FIL HD (50/BAG)	100
70001BU28S	SCREW .190-32 X .88 LG FIL HD STL	100
70001BU28U	SCREW .190-32 X 1.00 LG FIL HD STL	100
70012ACH1Q	DRIVE SCREW #4 X .19 LG ROUND HEAD, (100/BAG)	100
70210AW61A	NUT .375-16 HEX SILICON BRONZE, (100/BAG)	100
70210BT616	NUT .250-20 HEX (100/BAG)	100
70210GA617	NUT .250-28 HEX SST, (100/BAG)	100
70510CV10S	LOCKWASHER .500 REG STL (100/BAG)	100
70510DL10S	LOCK WASHER .500 X-DUTY STL (50/BAG)	100
8588C01H02	WIRE 19/.0080 STRD 600V 20 AWG WHT (ISSUE BY FEET)	100
3015542H48	HEXAGON HEAD NUT, (100/BAG)	100
404P600H49	LONG TAB WASHER 6.4 ID X 19.0 OD SSTL	100
409P281170	CABLE CAT5E LSZH(ISSUE FEET)	100
70001BU24B	SCREW .138-32 X 1.25 LG FIL HD STL	100
70001BU28J	SCREW .190-32 X .38 LG FIL HD STL (100/BAG)	100
70041AF349	SCREW . BUT HD STL (25 PER BAG)	100
70041AW04V	SCREW .250-20 X .62 LG SOC HD SST	100
70100EG04N	BOLT .312-18 X 1.00 LG HEX HD STL	100
70100EG04Q	BOLT .312-18 X 1.25 LG HEX HD STL	100
70100EG04Y	BOLT .312-18 X 2.25 LG HEX HD STL	100
70100EG07F	BOLT .375-16 X .875 LG HEX HD STL	100
70100GA0CT	BOLT .500-13 X 1.75 SST, (25/BAG)	100
70200BNBOX	NUT .138-32 HEX STL, (100/BAG)	100
70220QYN16	NUT .250-20 SELF LOCKING HEX	100

Alstom Reference Number	Description	Quantity
70510DL10M	LOCK WASHER .250 X-DUTY STL, (100/BAG)	100
8588C48H11	TERMINAL .190 STUD BLUE RING, (100/BAG)	100
8588C48H22	TERMINAL .500 STUD 22-16 AWG RED RING, (100/BAG)	100
4722A43H02	BOLT .500-13 X 1.25 HEX HD STL, (50/BAG)	100
5582B88H01	BEARING (ROLLER)	100
70020BD76K	SET SCREW .312-24X.75 LG HEX SOC CUP PT, (100/BAG)	100
70100EG0CM	BOLT .500-13 X 1.00 LG HEX HD STL	100
70100EG0CV	BOLT .500-13 X 2.00 LG HEX HD STL	100
70100EG0CZ	BOLT .500-13 X 2.50 LG HEX HD STL	100
70210BK616	NUT .250-20 HEX STL, (100/BAG)	100
70500BD30G	WASHER .312 STD STL, (100/BAG)	100
70500BR30F	WASHER .250 STD SST, (100/BAG)	100
70510BB10Q	LOCK WASHER .375 SILICON BRONZE, (100/BAG)	100
70510DL10K	LOCK WASHER .190 X-DUTY STL, (100/BAG)	100
8589C64H89	LOCKWASHER, HOLD DOWN CLIP	100
8621A46H06	CLAMP TIE BLACK #10 MTG HOLE, 100/BAG	100
8623A03H02	STD PIN 24-20 AWG TYPE III+, (100/BAG)	100
DOM00620	IR CON 16S SKT CRIMP GOLD 16, (50/BAG)	100
1C41365H07	WASHER, 1/4" SAE, (25/BAG)	100
404P538H57	SPRING .480 OD 1.50 FREE .045 WIRE	100
404P549H01	GREASE CAP	100
404P551H07	WHEEL NUT .500-20 NYLON RINGLOCK (50/BOX)	100
404P600H12	FLATWASHER .375 "D" SHAPED, (100/BAG)	100
404P631H02	BOLT .375-24 X 1.00 STL 12 POINT, (100/BAG)	100
4567B34H01	TERMINAL RING .138 STUD 22-16 AWG (50/BAG)	100
5623B04H21	SCREW HEX SOC CAP .250-20X1.50 STL ZNYL	100
70001BU21H	SCREW .112-40 X .38 LG FIL HD STL, (100/BAG)	100
70001BU21K	SCREW .112-40 X .50 LG FIL HD STL, (100/BAG)	100
70001DBB8S	SCREW .190-32 X .88 LG HEX HD SST, (100/BAG)	100
70100EG01Q	BOLT .250-20 X .75 LG HEX HD STL, (100/BAG)	100
70200CAB12	NUT .190-32 HEX SST, (100/BAG)	100
70500CT00P	WASHER .250 STD STL (100/BAG)	100
70500CT00W	WASHER .312 WIDE STL (100/BAG)	100
70510DQ10S	LOCKWASHER .500 18-8 SST	100
8588C01H04	WIRE 19/.0113 STRD 600V 16AWG WHT	100
1C44303H11	CABLE 275/.0201, STRD 2KV 1/0 AWG FLXANE	100
3015542H50	HEXAGON HEAD NUT, (100/BAG)	100
5623B04H01	SCREW HEX SOC CAP .250-28X .75 STL ZNYL	100
70200BNB12	NUT .190-32 HEX STL	100
8588C47H11	TERMINAL .250 STUD 2 AWG	100
8588C47H19	TERMINAL .312 STUD 1/0 AWG	100
8589C64H86	CAP SCREW, HOLD DOWN CLIP	100
3D99941G02	ANTENNA TAPE ASSY.	100
70001BU28W	SCREW .190-32 X 1.25 STL (100 PER BAG)	100
70041AW357	SCREW .250-20 X 1.75 BUTTON HD SST	100
70210CTA16	LOCKNUT .250-20 HEX STL	100
1C41363H06	LOCKWASHER 1/4" SPLIT RING, (100/BAG)	100

Alstom Reference Number	Description	Quantity
1C41363H13	NUT 1/4"-20 HEX KEPS	100
5623B04H28	SCREW HEX SOC CAP .312-18X .62 STL ZNYL	100
5D75691H26	SCREW 10-24 X 1" PHIL FLAT CAR. STL, (100/BAG)	100
70001BU23Z	SCREW .138-32 X .38 LG FIL HD STL, (100/BAG)	100
70001BU25Q	SCREW .164-32 X 1.00 LG FIL HD STL	100
70001BUJBP	SCREW .250-20 X .62 PAN HD STL (100/BAG)	100
70100EG04K	BOLT .312-18 X .62 LG HEX HD STL, (50/BAG)	100
70100EG0D1	BOLT .500-13 X 3.00 LG HEX HD STL	100
70210CTA1A	NUT .375-16 HEX JAM, (100/BAG)	100
70210GAA1E	NUT .500-13 HEX SST	100
70220CAN38	LOCKNUT 1.00 CONDUIT	100
70500BQ30H	WASHER .375 SILICON BRONZE, (50/BAG)	100
70510CV10E	LOCKWASHER .112 REG STL	100
70510CV10M	LOCKWASHER .250 REG STL, (200/BAG)	100
70520AP10K	LOCKWASHER .190 EXTERNAL TOOTH	100
8588C48H05	TERMINAL .138 STUD 16-14 AWG BLUE RING (50/BAG)	100
1C40861H68	SCREW, #1/4-20 X 1 1/4" RHMS	100
4567B34H56	TERMINAL RING .190 STUD 12-10 AWG (50/BAG)	100
4896B33H01	SPACER INNER 6.13).438ID X .688 OD TEFLO	100
652A292H11	BOLT .500-13 X 3.25 HEX HD STL	100
70001BU2BR	SCREW .250-20 X .75 LG FIL HD STL (50/BAG)	100
70030DRA8N	SCREW .190-32 X .62 SEMS	100
70100EG01U	BOLT .250-20 X 1.25 LG HEX HD STL	100
70210BK618	NUT .312-18 HEX STL, (100/BAG)	100
70220DAN0Z	STOP NUT .164-32 HEX SS (100/BAG)	100
70510CV10G	LOCKWASHER .138 REG STL	100
70510CV10Q	LOCKWASHER .375 REG STL, (100/BAG)	100
70510DL10P	LOCK WASHER .312 X-DUTY STL, (100/BAG)	100
70510DQ10M	LOCKWASHER .250 REG SST	100
70520BM10Q	LOCKWASHER .375 INTERNAL TOOTH	100
8588C47H18	TERMINAL .312 STUD 2 AWG	100
8589C64H80	BOLT ADJUSTING	100
DOM00556	COTTER PIN 316 STAINLESS 1/16 X 1/2 L	100
4567B34H93	TERM. FASTON .205 TAB 16-14 AWG PIDG	100
5623B04H17	SCREW HEX SOC CAP ZNYL (100/BAG)	100
70001BU262	SCREW .164-32 X 2.50 LG FIL HD (25/BAG)	100
70001BU93Y	SCREW .138-32 X .31 HEX HD, (500/BAG)	100
70210BK61A	NUT .375-16 HEX STL, (50/BAG)	100
70210CTA1E	NUT .500-13 HEX JAM	100
70310CB0BA	SPRING PIN .188 DIA X 1.00 LG SST, (100/BAG)	100
70310CB0DT	SPRING PIN .250 DIA X 1.625 LG SST	100
70500CT00T	WASHER .312 STD STL (100/BAG)	100
8588C47H06	TERMINAL .190 STUD 8 AWG	100
8588C47H35	TERMINAL .375 STUD 1/0 AWG 2 HOLE	100
8588C48H25	TERMINAL .250 TAB 22-18 AWG RED FASTON, (50/BAG)	100
404P847H13	CONTACT 22-18 AWG GOLD PLATE	100
70001BU21F	SCREW .112-40 X .25 LG FIL HD STL	100

Alstom Reference Number	Description	Quantity
70001DBB94	SCREW .190-32 X 2.25 HEX HD SST MACHINE (100/BAG)	100
70020BP79M	SET SCREW .500-13 X 1.50 SST	100
70041AW044	SCREW .190-32 X .63 LG SOC HD SST (100/BAG)	100
70200CAB11	NUT .190-24 HEX SST	100
70210BK61E	NUT .500-13 HEX JAM	100
70500BD31C	WASHER .250 WIDE STL (100/BAG)	100
8589C64H90	NUT, HOLD DOWN CLIP, (100/BAG)	100
1C42654H01	CONTACT PINS, AWG 18-16 (MALE), (50/BAG)	100
409P067H01	REPAIR KIT (3925A86H02 WILLIAMS VALVE)	100
6974C38H01	CARBON BRUSH GRADE 933	100
70001BU245	SCREW .138-32 X .75 FIL HD ST	100
70001BU25L	SCREW .164-32 X .75 LG FIL HD STL	100
70001BU25S	SCREW .164-32 X 1.25 LG FIL HD STL (100/BAG)	100
70001BU4BP	SCREW .250-20 X .62 LG FLAT HD STL (100/BAG)	100
70010HC17G	SCREW FL HD PHILLIPS (100 PER BAG)	100
70100EG04J	BOLT .312-18 X .50 LG HEX HD STL	100
70500BP30D	WASHER .164 STD BRASS	100
70500CT00Q	WASHER .250 WIDE STL (100/BAG)	100
70500CT01G	WASHER .500 STD STL, (50/BAG)	100
70500CT03R	WASHER .164 WIDE STL	100
8588C47H08	TERMINAL .250 STUD 8 AWG	100
8588C48H28	BPD TERMINAL.187 TAB 22-18AWG RED FASTON, (50/BAG)	100
404P417H03	MINI STRUT GRIP LOCKNUT .250-20	100
404P484H15	MOUNT CABLE TIE	100
409P281H69	INSTM CABLE, 2 COND 600V AWG SHIELDED	100
5586B56H01	SPACER .125) .750 DIA STL	100
5D75691H27	SCREW 1/4"-20 X 1/2" SSS CUP POINT (100/BAG)	100
70100EG07J	BOLT .375-16 X 1.25 LG HEX	100
70500BD30E	WASHER .190 STD STL	100
70510CV10H	LOCKWASHER .164 REG STL, (100/BAG)	100
8588C48H29	TERMINAL .187 TAB 16-14 AWG BLUE FASTON(100/BAG)	100
8621A46H05	CLAMP TIE BLACK #6 HOLE, 25 PER BAG	100
1C40861H60	SCREW, #8-32 X 1/2" HHMS, (100/BAG)	100
3A64183H01	TREE RIVET 1) (.19DIA X.680 LG BLK NYLN)	100
409P985H67	T FITTING,TPMS W/LOCK NUT,3	100
4899B65H03	ALIGNMENT PLATE 1.75 X .75) .125 THK	100
70001BU25G	SCREW .164-32 X .50 LG FIL HD STL, (100/BAG)	100
70001BU28N	SCREW .190-32 X .62 LG FIL HD STL	100
70001CJABP	BOLT .250-20 X .625 SLOTTED HEX HD	100
70100EG050	BOLT .312-18 X 2.50 LG HEX HD STL	100
70210BT61A	NUT .375-16 HEX, (50/BAG)	100
70500BP30E	WASHER .190 STD BRASS	100
70500CP00P	WASHER .250 NARROW SST, (100/BAG)	100
8588C48H04	TERMINAL .138 STUD 22-16 AWG RED RING (100/BAG)	100
8588C48H45	TERMINAL .138 STUD 22-16 AWG RED (50/BAG)	100
1C41362H11	NUT #4-40 HEX	100
409P086H17	BRAKE PARTS (LG DIAPHRAGM)	100

Alstom Reference Number	Description	Quantity
5627B82H03	TERMINAL RING .138 STUD 22-16 AWG NON-IN	100
70001BU48J	SCREW .190-32 X .38 LG FLAT (100/BAG)	100
70001BU4BV	SCREW .250-20 X 1.00 FLAT HD	100
70001BUJ8Q	SCREW .190-32 X .75 LG PAN HD STL	100
70001BUJBR	SCREW .250-20 X .75 PAN HD STL (50/BAG)	100
70020BP789	SET SCREW .438-14X.50 HEX SOC CUP PT SST (100/BAG)	100
70100EG07Q	BOLT .375-16 X 2.00 LG HEX HD STL	100
70200BNB0Z	NUT .164-32 HEX STL (100 PER BAG)	100
70500CZ10K	WASHER .190 WIDE SST	100
70510CV10P	LOCK WASHER, 5/16 (.312 REG STL), (100/BAG)	100
70510DP10M	LOCKWASHER .250 SST 18-8 SST	100
70520DP10M	WASHER .250 NARROW STL (200/BAG)	100
DOM00455	FLDR,MLA,1/3CT,LTR CENTER, POS2	100
2559A61H20	GROMMET .38 ID .25 PNL	100
404P557H12	NUT .250-20 HEX JAM SST, (100/BAG)	100
5623B04H09	SCREW HEX SOC CAP .190-32X .62 STL ZNYL (100/BAG)	100
5623B04H31	SCREW HEX SOC CAP .312-18X1.00 STL ZNYL	100
5623B74H26	SCREW MET SL CH HD M2.5X0.45X12 STL ZNY	100
6D57793H12	SEAL, TEFLON FIBER 24592	100
70001EA48L	SCREW .190-32 X .50 FLAT HD (25 PER BAG)	100
70100EG04M	BOLT .312-18 X .88 LG HEX HD STL, (100/BAG)	100
70100EG04S	BOLT .312-18 X 1.50 LG HEX HD STL	100
70200CAB1A	NUT .375-16 HEX SST	100
70210GA616	NUT .250-20 HEX SST	100
70220CAN37	LOCKNUT .75 CONDUIT	100
70500BD30F	WASHER .250 STD STL	100
70500BD30J	WASHER .500 STD STL, (50/BAG)	100
70500BD31Y	WASHER .190 X-WIDE STL	100
70500BR31E	WASHER .375 WIDE SST (50 PER BAG)	100
70500CT00E	WASHER .112 WIDE STL, (100/BAG)	100
70510CV10K	LOCKWASHER .190 REG STL	100
70510DQ10P	LOCKWASHER .312 REG SST, (100/BAG)	100
70510DQ10Q	LOCKWASHER .375 REG SST, (100/BAG)	100
1B39673H03	SCREWS (M4 X 12 SS	100
1C40861H67	SCREW #1/4-20*5/8", (100/BAG)	100
3A63302H01	PIN, COTTER .094 X .62 LG PHOSPHOR BRZ	100
404P484H02	CABLE TIE MOUNT (NYLON,NATURAL)	100
70001BU28L	SCREW .190-32 X .50 LG FIL HD STL	100
70001BU28Y	SCREW .190-32 X 1.50 FIL HD STL	100
70100EG04U	BOLT .312-18 X 1.75 LG HEX HD STL	100
70100EG07X	BOLT .375-16 X 3.25 HEX HD STL	100
70100EG0CR	BOLT .500-13 X 1.50 LG HEX HD STL	100
70200BNB0T	NUT .112-40 HEX STL	100
70220DAN1E	NUT, ESNA,1/2-13,SSTL (50/BAG)	100
70220ECN12	NUT .190-32 HEX ELASTIC STOP (50 PER BAG)	100
70220EMN16	STOP NUT .250-20 ELASTIC	100
70500BD30B	WASHER .112 STD STL	100

Alstom Reference Number	Description	Quantity
70500BR30E	WASHER .190 STD SST, (25/BAG)	100
70510CV10U	LOCKWASHER .625 REG STL (50/BAG)	100
70510DW10R	LOCKWASHER .438 HIGH COLLAR (100/BAG)	100
70520BM10K	LOCKWASHER .190 INTERNAL TOOTH	100
8588C48H26	TERMINAL .250 16-14 AWG BLUE, (50/BAG)	100
404P769H10	SHRINK TUBING, .75"DIA. BLACK 3:1 SHRINK Issue in 48 inch increments	96
404P546H03	BEARING CUP (15245 STRAIGHT BORE)	96
404P546H02	BEARING CONE (368A STRAIGHT BORE)	88
DOM00423	LABEL,MAILING,LASER,1X2-5/8,WHT,25 SHEETS //PK	75
409P086H18	DIAPHRAGM - TYPE 9 SERVICE	64
5585B41H05	ADJUSTING PLUNGER ASSY 16 DEGREE ANGLE	64
1503F42H14	EXTRUSION 83.00) LG NEOPRENE	64
5574C31H06	UNBUFFED ITL EL(GUIDE TIRE)	62
409P086H23	BRAKE SHOE & LINING ASSY	62
404P761H26	COAXIAL CABLE RG58 TYPE (21AWG)	60
404P547H07	SEAL (26284 GREASE SEAL)	60
404P685H03	LAMP 120 VOLT (DS1&2)	60
404P863H46	O-RING, TEFLON	54
1C40861H72	SPRING, TRAVEL BLOCK, (25/BAG)	50
404P761H41	CABLE 2 COND 16 AWG 600V TW/SH	50
409P060H30	BRAIDED HOSE EXTENSION, 180 DEG	50
4767A90G01	STD CONTACT INTERLOCK FINGER	50
70100EG01N	BOLT .250-20 X .50 LG HEX HD STL	50
70100GA03D	BOLT .250-28 X 1.75 LG HEX HD SST	50
1C41362H10	SCREW #4-40 X 5/8" FHMS	50
70100EG07E	BOLT .375-16 X .75 LG HEX HD STL, (50/BAG)	50
8623A03H06	STD SOCKET 18-16 AWG TYPE III+	50
3018625G01	TRIP STOP WIRE ASSEMBLY	50
404P103H37	CONTACT SOCKET 24-20 AWG (FEMALE)	50
409P060H29	BRAIDED HOSE EXTENSION, 22" LONG	50
409P237H11	RUBBER BUFFER	50
70100EG01P	BOLT .250-20 X .62 LG HEX HD STL	50
70530AQ13N	X-WASHER .25 I.D.	50
1C40811H89	SLEEVE RETAINING	50
1C41362H12	ROLL PIN 1/8" X 1-3/4"	50
404P313H02	HOSE .31 ID X .61 OD,ISSUE BY FEET	50
404P401H02	GROMMET FULL	50
404P437H72	PIN TRACKING SUPP. ROLLER	50
5D75691H31	SCREW #10-24 X 5/8" PHSMS	50
6967C72G03	KNUCKLE CASTING	50
8589C64H47	THRUST BUTTON RING GEAR	50
1C40811H07	SWITCH, LEVER (57510235)	50
404P400H02	OVAL HD STUD (GULL WING FASTENER)(100/BAG)	50
404P437H68	CONTACT, LOOP/SPRING LOADED	50
404P761H38	WIRE 18 AWG 3/C + SHIELD EXANE 600V	50
404P845H02	NUT (WHEEL LUG NUTS)	50

Alstom Reference Number	Description	Quantity
409P157H09	CONTACT MALE PIN 24/20 AWG	50
5586B62H42	ELEMENT AIR CLEANER	50
5623B04H15	SCREW HEX SOC CAP .250-20X.50 STL ZYNL	50
70100EG01S	BOLT .250-20 X 1.00 LG HEX HD STL	50
70100GA08C	BOLT .375-16 X 7.00 HEX HD SST	50
8589C64H58	PLUG PLANET OIL LEVEL	50
404P437H82	CONTACT SPRINGS	50
404P769H11	SHRINK TUBING EXP ID 1.1 W/O SEALANT(FT)	50
70100EG04W	BOLT .312-18 X 2.00 LG HEX HD STL	50
404P449H06	CONTACT SPRING, (50/BAG)	50
404P863H33	O-RING, NEOPRENE (-25)	50
404P870H01	SECURITY FASTENER 164-32	50
5586B62H49	SCREW MACHINE	50
6972C93G03	ALIGNMENT PLATE ASS'Y	50
70041AR246	SCREW .190-32 X .75 LG (100/BAG)	50
1B40160H01	POWER RAIL ELONGATED COVER 6" (BEIGE)	50
1C41362H07	ROLL PIN 1/8" X 1-1/4"	50
652A292H17	BOLT .500-13X3.75 HEX HD STL	50
66711GQ4MB	WIRE KAPTON 16 AWG 600 V	50
70010EU18F	SCREW .190-32X.50 LG PH	50
404P313H13	HOSE (TEFLON)	50
409P237H22	9 MM CONTACT PIECE	50
70041AX253	SCREW .250-20X1.25LG HEX SOC CSK HD	50
70100EG01W	BOLT .250-20 X 1.50 LG HEX HD STL	50
70100EG01Y	BOLT .250-20 X 1.75 LG HEX HD STL	50
8589C64H48	SET SCREW PLANET PINION GEAR	50
DOM00311	VINTON O-RING, 3/32 X 7/16 X 5/8	50
1C41362H08	ROLL PIN 1/4" X 1-3/4", (50/BAG)	50
5586B22H02	SPACER .38) .375 ID X .500 OD AL TUBING	50
5621B17H06	BOOT SEAL KIT (MPS 2003)	50
70001DA28U	SCREW .190-32 X 1.00 FIL HD SST	50
70100EG01L	BOLT .250-20 X .375 LG HEX HD STL	50
70210BK61L	NUT .750-10 HEX STL	50
70400CA627	RIVET .125 X .750 CU CSK HD	50
70100EG025	BOLT .250-20 X 2.75 LG HEX HD STL	50
70100EG07S	BOLT .375-16 X 2.25 LG HEX HD STL, (50/BAG)	50
70100GA01U	BOLT .250-20 X 1.25 HEX SST	50
404P551H06	WHEEL STUD .500-20 1.31 LG	50
404P863H47	O-RING, TEFLON (.25)	50
5624B06H01	WASHER .06 THK STK, (50/BAG)	50
70100EG07W	BOLT .375-16 X 3.00 LG HEX HD STL, (25/BAG)	50
70500CT01A	WASHER .375 WIDE STL, (50/BAG)	50
4778A45H02	BOLT .375-16 THD	50
5630B58H01	SCREW .375-16 THD SST	50
70100EG04P	BOLT .312-18 X 1.12 LG HEX HD STL	50
70100GA08E	BOLT, .375-16 X 7.50 HEX HD SST	50
652A292H14	BOLT .500-13X4.00 HEX HD STL	50

Alstom Reference Number	Description	Quantity
70100EG0CP	BOLT .500-13 X 1.25 LG HEX HD STL, (25/BAG)	50
404P156H25	SOCKET 20/14 AWG	50
4768A98H01	SCREW .164-32 X .38 OVAL HD	50
70100EG07V	BOLT .375-16 X 2.75 LG HEX HD STL	50
70100GA01R	BOLT .250-20 X .88 LG SST HEX HD	50
70250AC0AV	NUT M12X1.75,HEX,STL(METRIC)	50
DOM00365	FLDR,MANILA,1/3 CUT,LTR ASSORTED	50
1C44303H13	CABLE 3/0 AWG 450/.0201 STRD 2KV FLEXANE	50
404P902H01	VALVE	50
5623B91H01	STD WASHER 1.25 X 1.25) .032 FISHPAPER	50
5D75695H24	NYLATRON THRESHOLD CAP	50
8588C47H16	TERMINAL .312 STUD 6 AWG	50
5585B79H01	ARM 11.00 .375 DIA STL	49
3007711G01	ATO SHOE HOLDER ASSEMBLY	49
6157A90G01	FINGER ASSEMBLY	49
44791JP7XM	TUBING SHRINK .063 I.D. BLACK	48
404P667H01	CLAMP (WHEEL LUG CLAMPS)	40
5625B54H02	CAP EXTRUSION 90.50)	40
652A589H03	WASHER .202) OF 2.375 DIA STL	40
3007712G02	POWER SHOE HOLDER ASSEMBLY	39
409P237H28	TRACK SUPPORTING ROLLER	39
1C40811126	BRACKET & PIN ASS'Y	32
8589C64H71	BRAKE DRUM	31
6D59447G02	LOWER DOOR GUIDE ASSY L/H (8839D59G03)	31
6D59447G01	LOWER DOOR GUIDE ASSY R/H (8839D59G02)	31
404P810H24	VALVE REPAIR KIT FOR 404P810H22	31
404P540H27	SLEEVE BRG .380 ID X .502 OD X .750 LG	30
404P540H28	SLEEVE BRG .380 ID X .502 OD X .875 LG	30
8589C64191	PINION OIL SEAL DOUBLE LIP; 2.50 ID	30
5D72346H56	CONTACTOR & AUXILIARY SWITCH ASSEMBLY	30
5D74455H17	HEADLAMP CLEAR HIGH	30
6968C50H01	BUSHING URETHANE	30
3D15323H01	LEVELING VALVE	30
8589C64H69	OIL SEAL HUB BRG	30
1C43805G01	RAIL, (STRAIGHT-30' POWER)	30
404P949H08	SHOCK STABILIZER 1.38 BORE .63 ROD	28
8837D54H01	SHOCK ABSORBER (FOR BOGIE)	27
404P655H02	STUD .500-13 X 2.00 SST(304) (25/BAG)	25
5586B62H52	SEAL COVER	25
70100EG07U	BOLT .375-16 X 2.50 LG HEX HD STL	25
1C42654H13	CONTACT, SOCKET, TYPE 16, (FEMALE), (25 PER BAG)	25
4227B27G02	CONTACT STUD ASSEMBLY	25
5623B67H03	BUMPER 2.00 X 2.50) .094 THK	25
62111KK37V	CABLE EXANE 10 AWG 600V	25
70001BU48N	SCREW .190-32 X .62 LG FLAT HD STL	25
70011BK11G	LAG SCREW .312-9 X 3.00 LG	25
70210CTA1M	LOCKNUT	25

Alstom Reference Number	Description	Quantity
70220DUN18	STOP NUT .312-18 ELASTIC	25
70500CZ10M	WASHER .250 WIDE SST, (25/BAG)	25
DOM00396	FOLDER,HANG,1/5 REINFORCED TAB BLACK,LTR	25
70001DQFBM	SCREW .250-20 X .50 LG PHH REC OVH SST	25
70100EG058	BOLT .312-18 X 4.50 HEX	25
404P402H03	SPRING (GULL WING FASTENER)	25
404P536H43	SCREW LG CUP POINT (25 PER BAG)	25
70100GA07F	BOLT .375-16 X .88 HEX HD	25
DOM00608	HEX HEAD MACHINE SCREW #6 32-1/2	25
1C41360H03	WASHER BRONZE THRUST (TW62), (25/BAG)	25
4724A92H01	WASHER .875 HIGH STRENGTH (25 PER BAG)	25
1C40811130	WSHR PL 5/16-.875 O.D.X0.65 THK.	25
4227B27G01	CONTACT STUD ASSEMBLY	25
70100EG07N	BOLT .375-16 X 1.75 LG HEX HD STL	25
1C44303H09	CABLE 150/.0201, STRD 2KV 2 AWG FLXANE	25
4724A90H03	BOLT .750-10 X 4.50 HEX HD STEEL	25
4778A45H01	BOLT .375 16X 3.00 HEX HD SILICON BRONZE	25
70100EG07G	BOLT .375-16 X 1.00 LG HEX HD STL	25
404P761128	CAT5E CABLE ETHERNET,4PR	25
62111KK47B	WIRE 8AWG 37/24	25
1C44303H08	CABLE 105/.0201 STRD 2KV 4 AWG FLXANE	25
70011BK11A	LAG SCREW .312-9 X 1.50 LG	25
8587C65H04	CABLE 61/.0201 STRD 2KV 6 AWG FLEXANE	25
DOM00718	TERMINAL, DOUBLE CRIMP FEMALE FOR 16-14 GAUGE	25
70510CV10W	LOCKWASHER .750 REG STL	25
DOM00717	TERMINAL, DOUBLE CRIMP MALE FOR 16-14 GAUGE	25
404P435H29	.250 INTERNAL TOOTH LOCKWASHER	25
404P569H34	GROMMET .25 ID .50 OD .06 PNL .38 HOLE	25
1C45912H02	BOLT .250 DIA SST	25
404P670H22	FERRULE 22/20 AWG	25
1C45912H03	NUT RETAINER .250 DIA SST	25
5623B67H02	BUMPER 2.00 X 2.50) .062 THK	25
62111KK35L	WIRE EXANE 12AWG 600V	25
70500BR31F	WASHER .500 WIDE SST, (50/BAG)	25
8587C22H07	BOLT .750-10 X 3.5 HEAVY HEX STL	25
8589C64H43	SHAFT PLANET. PINION	25
5578B62G01	BRUSH HOLDER ASSEMBLY	25
2539B87H01	DUST SHIELD FR .06 THK HALF HARD AL SHT	25
2539B60H02	FILTER (TRACTION MOTOR FILTER)	25
8589C64160	GUIDE ASSEMBLY PAWL	25
6967C72G02	KNUCKLE CASTING	25
6972C93G05	POWER JOINT PLATE ASSEMBLY	25
5574C95H04	RAMP 1) MACHINED FROM EXTRUSION (ATO)	25
5574C95H05	RAMP 1)MACHINED EXTRUSION (POWER RAIL)	25
6972C93G06	SIGNAL JOINT PLATE ASSEMBLY	25
45301AS00A	NEOPRENE ADHESIVE BACKED SPONGE	24
DOM00349	PEN,UNIBALL,ONYX, BLACK	24

Alstom Reference Number	Description	Quantity
DOM00347	BIC RETRACTABLE BALLPOINT PEN(MED) BLUE	24
DOM00389	SELFSTICK NOTES,1-1/2"X2",YELLOW	24
24D3488H01	STD ARC HORN 1.375) .063 X 1.75 CU	20
404P600H38	WASHER .255 ID .50 OD .025 THK	20
404P856H04	MUFFLER AIR .25 BSP FLAT HD 34MM LG	20
409P024H05	CONTACT (SIZE 0,3-4POLE,TYPE A)	20
5D72504H97	GASKET, STRAINER (GASKET FOR Y STRAINER)	20
8589C64H55	NUT WHEEL BRG	20
6973C01H08	TERMINAL COVER (BEIGE)	20
6973C66G10	VARISTOR ASSEMBLY	20
4677C95G09	VARISTOR ASSEMBLY	20
6246D67H13	WASHER 2.75 X 2.75).125 THK HR STL	20
404P949H07	BOOT (SHOCK)	20
6157A68G01	FINGER, TYPE UMA-509 LINE OF CONTACTORS	20
3437C85H08	METRO MICHELIN TIRE 10 R22.5	20
3437C85H03	MICHELIN 10R-22.5 XZE STEER A/P	20
1913F14H06	MTG BRACKET 1) LOCK PIN	20
404P931H03	AIR CONDITIONER FILTER	20
4766A18G05	VARISTOR ASSEMBLY	20
1503F92H02	ANTENNA SHIM	20
2010E01H25	1" TIMING BELT	20
5578B62H03	BRUSH HOLDER CLIP	20
5586B62H56	SEAL PIN	20
5D72542H49	WASHER (SPACER)	20
8589C64H91	CLIP HOLD DOWN	20
DOM00355	PAPER,WHITE,8.5X11,20#,REAM 500 SH	20
409P157H56	TERMINAL GROUND LUG 6-350MCM 2 HOLE	20
4727A56H19	BOLT .312-18 X 3.00 LG	20
652A293H06	WASHER .505 ID X 2.00 OD) .250 CF STL	20
404P414H04	WELL NUT .312-18	20
409P101H09	STUD (1/4 TURN)	20
6973C66G02	VARISTOR ASSEMBLY	20
3925A86H02	RELAY VALVE	20
404P437H84	FLAT CONNECTOR	20
6973C02H06	POWER TERMINAL COVER-COVER 14.00 BEIGE	20
177A001H02	WASHER	20
1B41752H01	WASHER, TEARDROP, KEYED	20
5D75269H02	PRESSURE TRANSDUCER	20
409P168H04	PRESSURE GAGE 0-300PSI BK MOUNT	20
8586C25G01	BUSHING W/SLEEVE (LEAF SPRING)	20
1B40161H01	SIGNAL JOINT COVER 2 INCHES BEIGE	20
8589C64H72	CAP SCREW	20
DOM00390	SELFSTICK NOTES,3"X3",YELLOW	18
6246D67H15	STUD 8.44) 1.625 DIA HR STL	16
2562B22H01	GUIDE 5.00) OF .62 SQ. ROD	16
4678C16H01	AIR STUD 1.88) OF 1.25 DIA STL BAR (USE ON AIRRIDE SPRING)	16
4233B26H01	DECAL 1.750 X 5.000).002 THK MYLAR	16

Alstom Reference Number	Description	Quantity
4678C16H02	STUD 3.09) OF .750 HEX STL BAR	16
8840D97H11	BULB REMOVER (TYPE NO: 02-906)	15
4680C65H01	AIRIDE SPRING	16
404P310H06	SWIVEL (AIR FITTING)	16
404P319H11	FITTING ADAPTER (USE FOR LEVELING VALVE)	15
404P693H14	TERM SPR SPADE .138 STUD 22-16 AWG NYL	15
1913F14H01	MTG BRACKET 1) SIGNAL RAIL	15
1C40811152	CABLE & HANDLE ASSY	15
177A002H01	WASHER 1.75X1.75) OF .188 FELT	15
404P554H51	FUSE, 50 A, 690 VAC, 22X58 MM, FER-TRIP	15
409P101H11	WEAR WASHER	15
8589C64H52	WASHER PLANET SUN	15
2973A83H05	JACKSCREW FIXED MALE	15
409P157H40	JACKSCREW FIXED FEMALE	15
70500CT02H	WASHER 1.06ID x 2.25OD x .165 STL	15
6973C01G02	350 MCM TERMINAL COVER	15
409P129H63	AC KIT PLUNGER,DIAPHRAGM,O-RING(SOLENOID	15
5578B61H02	BUMPER STOP BRKT 1.79X1.44)	15
5D77998H27	FILTER DRIER CORE & GASKET (TEE TYPE)	15
4893B70H02	GAUGE	15
3D15983G01	HIGH SPEED RAMP WELDMENT	15
6D56575H15	ISOLATOR, SHOCK MOUNT (185)	15
6967C72H08	KNUCKLE 1) MACHINED FROM CASTING	15
1C43805G03	RAIL, CONCAVE (75 FT. RADIUS-30')	15
1C43805G02	RAIL, CONVEX (75 FT. RADIUS-30')	15
404P835H86	SENSOR,TPMS 433MHZ,LARGE BORE	15
404P506H05	SWITCH (EQUIP COVER)	15
404P313H33	SUPPORT COIL 1.19 O.D. Issued by the inch	14
8589C64H73	CAP SCREW SPINDLE TO HSG	14
404P506H14	CONTACT BLOCK (MICRO SWITCH)	13
1C41830H03	DESICCANT CARTIDGE (AD-9)	13
4897B15H01	KEYLOCK (EQUIPMENT COVER)	13
1C41830H18	PURGE VALVE MAINT KIT SOFT SEAT	13
1C40811154	THIMBLE	13
404P506H02	SWITCH, TOGGLE	12
4771A36H01	CLIP 1.63) OF .062 X .625 CF STL	12
8589C64H62	CONE HUB BRG OUTER (48190)	12
DOM00480	BOX,STOR W/LID, LTR/LGL, WHT/BLUE	12
404P863H26	O-RING 1.00 I.D. 1.25 O.D. .125 WD	12
8589C64H14	O RING	12
8589C64H59	THRUST WASHER PLANET PINION OUTER	12
DOM00358	HILIGHTER,YELLOW,CHISEL (BOLD)	12
1B40739H01	BOLT M20 X 2.5 X 40(METRIC)	12
404P650H16	RUBBER STOP	12
409P040H16	CONTACT KIT (3POLE SER.B - TYPE:SF SZ:4)	12
5623B37H11	M20 LOCKWASHER	12
DOM00660	18180 ROBINAIR QUICK SEAL O-RING SET (6/PK)	12

Alstom Reference Number	Description	Quantity
8589C64H61	THRUST WASHER PLANET PINION INNER	12
1B40739H02	BOLT M20 X 2.5 X 30	12
DOM00465	PENCIL,MECHANICAL,PAPERMATE SHARPWRITER	12
DOM00359	HIGHLIGHTER,YELLOW,CHISEL (FINE) TIP	12
DOM00384	SHARPIE,RETRACTABLE ,PERM FINETIP,BLACK	12
404P405H54	SPEAKER	12
DOM00348	BIC RETRACTABLE BALLPOINT PEN(MED) BLACK	12
DOM00398	PAD,CANARY,5'X8'50SHTS JR.LEGAL RULE	12
3D15985H03	INSULATOR 36.00 X 9.00) .19 POLYGLASS	11
404P600H35	WASHER .382 ID .750 OD .032 T SST, (50/BAG)	10
4077B87H01	RETAINER CLIP .94 X .50) OF .090 THK AL	10
409P241H01	GASKET, COUPLER (UPPER)	10
5586B62H68	RETAINER PISTON PIN	10
70020BDA0V	SET SCREW .112-40X.25 HEX	10
70100GA07W	BOLT, .375-16 X 3.00 HEX HD SST	10
8586C26H01	SLEEVE 4.25) 1.125 ID X 1.313 OD TUBING	10
DOM00632	SAFE-T-CABLE FERRULE .032	10
1215J24H25	TUBING 108.0) 1.125 OD X .050 WALL CU, (FEET)	10
1253A35H07	FUSE,RADIAL PICO 1.5 AMP .081 OHMS	10
1C40811H13	INSULATOR - SWITCH	10
1D62677H10	SHIM 6.00 X 5.00).062 THK SST	10
409P168H03	PRESSURE GAUGE 0-160PSI BK MOUNT	10
4768A05H09	RELAY CRITICAL	10
5586B62H53	SPRING	10
5586B62H88	VANE OIL PUMP ROTOR	10
5586B62H96	SHIM .0075 IN. THK	10
5D74716H12	INDICATOR MOISTURE	10
8589C64100	SPRING BRAKE (AIR) CHAMBER ASSY	10
404P749H55	ELBOW (90 DEGREE) 1.125 SOLDER TO SOLDER	10
409P241H02	GASKET, COUPLER (LOWER)	10
5586B62H45	SCREW CAP	10
8840D97H19	LENS CAP (DOORS 5-6)	10
2701A89H05	LOCKNUT 1.250 CONDUIT	10
3022058H16	RLY DPDT 24VDC 10A DIO W/ LED INDICATOR	10
3046142H31	CAP - GASKET	10
404P437H34	SPRING CONTACT (14-16 AWG)	10
404P820H17	FILTER ELEMENT (40SA VG 3S/3P)	10
409P101H07	SCREW .190X125 RD HD	10
6973C66G07	VARISTOR ASSEMBLY	10
70041AR297	SCREW .375-16 X .88 FL CSK HEX HD	10
409P129H23	AIR CONDITIONER MOISTURE INDICATOR	10
409P129H22	AIR CONDITIONER SIGHT GLASS	10
8591C47G01	COLLECTOR FRONT CROSS LINK (8.5")	10
5819C58G03	FINGER ASSEMBLY	10
2269D55H03	GUIDE STRIP 25.88 X 1.12) .06 DELRIN	10
5D72346H09	HEATER (TYPE A; RATING: 1.96 - 2.15 AMP)	10
3D15985H04	INSULATOR 36.00 X 9.00) .19 POLYGLASS	10

Alstom Reference Number	Description	Quantity
107D966G01	INTERLOCK MOVING CONTACT	10
6972C93H01	JOINT PLATE 6.00 X 1.25) .500 THK ALUM	10
5585B85H01	KEEPER 9.50) .188 X 1.0 CF STL	10
577B724G04	LEFT HAND INTERLOCK (STATIONARY PART)	10
409P241H10	LOWER COLLAR BUSHING-DRAFT GEAR	10
2698A54H05	MAGNETIC HALL EFFECT SENSOR	10
1913F14G03	MODIFIED MOUNTING BRACKET (SIG.ONE)	10
1D62645H01	MTG BRACKET FIBERGLASS MOLD	10
8617A60H02	PACKING CUP	10
577B723G04	RIGHT HAND INTERLOCK (STATIONARY PART)	10
1B39673H01	SENTRONIC VALVE	10
8591C07H01	SIGNAL COVER 5 FEET BEIGE	10
8840D17H01	SOLID RIM HALF	10
409P241H09	TOP BUSHING-DRAFT GEAR	10
8597C32H19	GREASE (RONEX MP) (TUBE)	10
DOM00392	TREADPLATE BOLT 5/8-11 X 2-1/2 12PT	10
1252A15H16	RESISTOR 221K OHMS .125W 1% RN55	10
1253A35H11	RADIAL PICO FUSE 5.0AMP	10
404P305H06	STRAIGHT SWIVEL	10
404P313H14	TEFLON HOSE (ISSUE BY FEET)	10
404P437100	WASHER DIELECTRIC	10
404P856H06	MUFFLER, SINTERED, 1/8" NPT	10
409P101H12	RETAINER	10
409P121H12	ELBOW, MALE	10
4779A96H01	STD. INSULATION .922) .625 ID X .750 OD	10
5586B62H89	SPRING VANE	10
5D72541H40	CONDUIT LOCKNUT - 1/2	10
5D72542H48	SNUBBING WASHER	10
6973C01H07	NUT PLATE 3.00 X 1.25) .25 THK STL	10
404P456H90	CONNECTOR 3POS PLUG MATE N LOK	10
404P538H60	SPRING / BALL STUD /10MM BALL .3125 X 18	10
404P931H07	FRESH AIR FAN FILTERS	10
4778A55H01	SCREW .437-20 X 1.12 LG 12 PT FLG	10
5586B62H46	WASHER LOCK	10
70100GA04Q	BOLT .312-18	10
8589C64H65	STUD (WHEEL)	10
DOM00243	BIT, SPANNER #8, 1/4" HEX SHANK, 1"LONG	10
1A97526H02	SHIM 3.00 DIA X .06 THK STL	10
404P661H01	LAMP SOCKET FLOURESCENT	10
4780A12H01	RELAY VR-1B 6FB-3F	10
8586C26H04	SLEVE 2.25) .782 x 1.00 OD TUBING	10
8591C12G01	SIGNAL ISOLATION JOINT	10
1B40765H02	GAS SPRING MOUNTING BRACKET	10
3022058H14	MOUNTING BASE OVERLOAD RELAY	10
404P480H03	CONTACTOR (NON-REVERSING 3POLE 45AMP)	10
409P101H13	RECEPTACLE	10
5586B62H70	BALL NYLON, OIL RELIEF	10

Alstom Reference Number	Description	Quantity
8589C64201	SEAL, PIN 3.000 I.D VITON, UNITIZED SEAL 999	10
DOM00675	LOOSE WHEEL NUT INDICATOR. 1-1/16"	10
1C41209H01	SHIM 42.75 X 1.06) .063 THK ALUM	10
1D62677H05	CRADLE SHIM 5.00 X 5.00).062 THK SST	10
1D62677H11	SHIM 6.00 X 5.00).125 THK SST	10
404P313H12	TEFLON HOSE (ISSUE BY FEET)	10
404P536H44	SCREW .500 DIA 1.50 LG .375-16 SHOULDER	10
409P101H05	FLUORESCENT BULB SOCKET (LAMP SOCKET)	10
409P101H10	SPRING	10
5586B62H05	GASKET	10
5586B62H55	PIN	10
5586B62H58	SPRING OIL RELIEF	10
DOM00611	PLUG,RJ45,8X8 SHLD W/SR(CCTV)	10
3167697H01	MODIFIED tire clamp - updated	10
3A63286H14	PIN, COTTER .062 X 1.25 LG SST	10
404P312H13	CABLE CLAMP	10
409P101H08	ESNA NUT	10
409P101H77	HINGE ARM COMPLETE	10
5D72542H23	TUBING 7/8 O.D. (C-103-1) (FEET)	10
DOM00474	LAMP,MINI,12.8V,1157/BP2,S8,2INCH	10
1A97526H01	SHIM 3.00 DIA X .03 THK STL	10
1D62740H05	BEARING 1) (LOCKPIN HOUSING BRG)	10
404P301H03	ELBOW 90 DEGREE SHORT	10
404P455H83	CONNECTOR 2 CIRCUIT PLUG	10
8367D83H05	STOP SHIM 6.00 X 5.50).06 THK SST	10
100261623	HARNESS SPRING CLIP	10
1C40634H01	STD, ARC HORN 2.218) .063 THK X .500 BRN	10
3011695H01	SPACER	10
3930A55H01	BOLT 1) (COVER-MOTOR BOX/AUX BOX),(25 PER BAG)	10
570A055H31	"O" RING STD SIZE 210	10
70005AC3CY	M4.0-07X8 PAN HEAD SCREW PC4.8	10
70100EG07L	BOLT .375-16 X 1.50 HEX HD STL	10
DOM00613	LABEL CD/DVD	10
DOM00642	5/8 OD ACR COPPER TUBING(FT)	10
177A001H01	RETAINER	10
404P632H04	SPRING WASHER	10
5586B62H09	SEAL FELT, PLUNGER TO SLEEVE	10
5627B67H01	CUSHION INSERT 2.00) 1.00 X 3.50	10
5D75691H21	SCREW 5/16"-18 X 3/4" HHMB, (50/BAG)	10
5D80233H32	ROLLER WHEELS	10
6973C01H06	KEEPER ANGLE 2.42X1.125) .060 THK	10
70100GA036	BOLT .250-28 X .88 LG HEX HD SST	10
8589C64H01	NUT BEVEL PINION	10
DOM00279	GASKET, UNLOADER	10
3A63407G01	CAPACITOR	10
404P122H32	DIODE 1N5399	10
5586B62H08	SEAL O-RING, CAP HP	10

Alstom Reference Number	Description	Quantity
5586B62H91	PIN ROLL	10
5586B62H95	SHIM .005 IN. THK	10
8596C95H08	GREASE (ALVANIA EP2)	10
DOM00633	SAFE-T-CABLE ASSY.040 x 24" (KIT)	10
1C40811117	TUBING (SLEEVE)	10
3A63290H68	PIN COTTER .250 X 3.00 LG ZINC YEL CRMT	10
4229B40H01	DECAL, SPEAKER/MIC	10
5586B62H03	GASKET	10
5586B62H50	WASHER LOCK	10
5586B62H57	RETAINER OIL RELIEF SPRING	10
5D74673H01	SAFETY DISC 14.50 OD X 4.75 ID).50	10
6972C94H05	POWER COVER 5 FEET BEIGE	10
70041AV0L3	SCREW .750-10 X 1.5 CAP HD HEX SOC STL	10
DOM00520	DVD RECORDABLE DISC SPINDLES-4.7GB	10
14D8989H01	GASKET 2.25X1.38) .062 THK	10
1C41209H02	SHIM 42.75 X 1.06) .032 THK ALUM	10
404P437H97	RELAY TIME DELAY 24VDC 11 PIN INTERVALON	10
404P534H33	SHRINK TUBING 2/0 AWG	10
404P749H80	CONNECTOR MALE	10
409P256125	FUSE 5 X 20 MM, 5A, FAST-BLOW	10
5586B62H97	SHIM .020 IN. THK	10
570A055H03	"O" RING STD SIZE 339	10
5D72504H27	SCREEN, CLEAN UP (STRAINER)	10
70100EG04L	BOLT .312-18 X .75 LG HEX HD STL	10
DOM00352	TAPE REFILL, DESK TOP.75X1000	8
8589C64H68	CONE HUB BRG INNER (52400)	8
404P551H01	CASTLE NUT	8
4725A92H01	CONTACT -FLAG RELAY WIRE SIZE 16-14	8
3019478H01	FIRE EXTINGUISHER BREAK GLASS	8
409P241H07	RUBBER RING-DRAFT GEAR (DO-NUT)	8
4233B23H01	DECAL .002 THK ADH BACK MYLAR (NO SMKNG)	8
3011729H01	COVER STRAP 1.50 X 8.00 LG	8
30D5444H15	SHIM .516 ID X .875 OD	8
6960C42H01	CLAMP (3.50 X 3.00) 2.00 THK POLYGL	8
8586C26H02	SLEEVE 4.22) .750 ID X 1.250 OD TUBING	8
177A180A06	RESISTOR TUBE ASSEMBLY .445 OHMS	8
404P727H03	RETRACTABLE SPRING PLUNGER	8
70610DC32G	RETAINING RING	8
8589C64H87	SPRING - BRAKE SHOE RETURN	8
409P237H17	ROLL PIN 8 X 45	8
404P436199	SCREW .250-20 X .75 LG SST LARGE DIA HD	8
404P863H54	O-RING, 10.125 ID X 10.312 OD	8
1A97382H68	BULBS,EZC	8
404P951H07	EYE BOLT .250-20 X 2.00 STAINLESS STL	8
1074P75H76	KEY	8
70045AC0EF	SCREW MET HEX CAP M12X1.75X100(METRIC)	8
1C40811H90	COLLAR-SHAFT	8

Alstom Reference Number	Description	Quantity
8839D59H02	DETAIL 40.550 X .437) (USE AS ANTI RISER)	8
404P363H05	MOUNT / PLATE 155LB LOAD, HEAVY DUTY	8
1B40077G05	COLLECTOR CABLE	8
4768A05H11	CRITICAL RELAY 4 FORM C 24V	8
2559B84H05	INSULATOR CABLE CLAMP	8
1913F14G02	MODIFIED MOUNTING BRACKET (HS RAMP)	8
1C43805G06	RAIL SIGNAL (STRAIGHT-30')	8
2538B14H01	WINDOW GLAZING RBR EXTRN 15'	8
1253A35H04	FUSE,RADIAL PICO .50 AMP .280 OHMS	7
404P426H43	RIVNUT .375-16 CSK KEYED	6
6976C15H01	DECAL, NO EAT OR DRINK	6
8589C64H32	DEFLECTOR INPUT YOKE/FLANGE	6
DOM00380	HIGHLIGHTER,WIDE BARREL,PINK	6
1A97382H67	FUSE, 1 AMP, ABC3 TIME DELAY	6
8589C64H45	WASHER PLANET, SPIDER TO HUB(5621B15G01)	6
DOM00400	POCKET MEMO,WHITE 3X5,50SHTS,	6
404P988H31	END CLAMP	6
DOM00410	PAD,LEGAL RULED,8.5X14,LGL,CANARY,50SHTS	6
DOM00482	STL THREADED PIPE FITTING LOW-PRESSURE, BUSHING ADAPTER	6
5621B65H01	EMERGENCY DOOR OPENING WARNING DECAL	6
DOM00391	SELFSTICK NOTES,3"X5",YELLOW	6
2254F05H03	CLAMP ASS'Y	6
3032502H16	RELAY THERMAL OVERLOAD 5.0A	6
4229B39H01	DECAL, FIRE EXTINGUISHER	6
6959C95H03	SPRING CLIP .037	6
4894B90H01	SPRING .0747 THK SST (7.31X.50)	6
6D56576H43	O-RING (REPLACEMENT) STRAINER	6
1A97382H61	ABC6 TIME DELAY FUSE	6
8589C64H40	WASHER (BOM:5621B15G01)	6
404P404H06	INSULATION PIPE 2.13 OD X .50 WALL THK.	6
DOM00386	SHARPIE,SUPER,BOLDPT,BLACK	6
3037094H11	OVERLOAD Relay 1.3-1.8 AMP	6
409P237H19	RUBBER BUMPER	6
DOM00388	BIC RETRACTABLE BALLPOINT PEN(MED) RED	6
DOM00415	REPORT COVER,BLACK BRIEF COVER	6
8589C64H67	CUP HUB BRG INNER (52618)	6
8589C64H63	CUP HUB BRG OUTER (48120)	6
2560B02H01	SWITCH RIBBON (SENSITIVE EDGE RIBBON)	6
6968C14G01	ARMATURE ASSY	5
6971C68H01	BREAKER 3 POLE, 600 VAC, 70 AMP	5
409P126H25	BULB (69A21CLTSD) (69WATT)	5
5586B22H03	CENTERLINK	5
5585B78H02	CHANNEL	5
8591C47G02	COLLECTOR FRONT CROSS LINK (6.5")	5
5586B62H79	CONNECTING ROD ASSEMBLY	5
404P541H03	CONNECTOR	5

Alstom Reference Number	Description	Quantity
21D7111G01	CONTACT ASSEMBLY	5
3015542H52	CONTACT FLAG	5
404P595H78	CONTACT KIT FOR MOTOR STARTER CONTACTER	5
404P682H02	CONTROL RELAY	5
5586B62H51	COVER VALVE	5
2124F99H03	DC BALLAST (26V)	5
5586B62H61	DIAPHRAGM	5
177C524G33	FAST TRIP HEATER ASSEMBLIES	5
404P813H18	FILTER (USE W/ MUFFLER FOR SENTRONIC VALVE)	5
5574C60H03	INTERLOCK SX7-N.C.	5
6972C95G03	ISOLATION GAP	5
2539B88H01	KEY .75 THK	5
409P237H33	KIT, AIR COUPLER	5
2267D80G01	LEAF SPRING ASSEMBLY	5
8840D97H17	LENS CAP (DOORS 1-2)	5
8840D97H18	LENS CAP (DOORS 3-4)	5
8840D97H20	LENS CAP (DOORS 7-8)	5
8840D97H08	LENS CAP (DOORS CLOSED)	5
8840D97H06	LENS CAP (SPG. BRK. RELEASE)	5
404P685H01	LIGHT INDICATING (RED)	5
404P357H02	LIGHT INDICATOR - CLEAR	5
3046142H17	LPD VALVE	5
3046142H13	LPI VALVE	5
5585B86G01	PARALLEL LINKAGE	5
6972C93G01	POWER RAIL JOINT ASSEMBLY	5
8840D97H01	PUSHBUTTON	5
8840D97G36	PUSHBUTTON SWITCH ASSEMBLY	5
1C43805G08	RAIL, CONCAVE SIG (75 FT. RADIUS-30')	5
1C43805G07	RAIL, CONVEX SIG (75 FT. RADIUS-30')	5
DOM00612	SHLD PLUG COVER BLK,(CCTV)	5
8839D49G03	SHROUD ASSEMBLY	5
3046142H08	SLEEVE HOLDDOWN	5
5D72504H16	SOLENOID VALVE COIL (LV.)	5
409P101H79	SPACER	5
404P305H05	STRAIGHT SWIVEL	5
1C40743H04	STRIKE PL 5.25 X 1.25).25THK DELRIN(LEFT	5
1C40743H03	STRIKE PL 5.25X1.25).25THK DELRIN(RIGHT	5
404P506H13	SWITCH MICRO (NHA: 3D99011G01)	5
5D72541H22	SWITCH,LOW PSI (CARS 1-22)	5
5D72541H23	SWITCH,MODULATION (CARS 1-22)	5
6D56575H06	SWITCH,MODULATION (CARS 23-31)	5
404P698H01	UNIVERSAL JOINT	5
5586B62H54	VALVE, CHECK	5
5824C49H01	VALVE, SOLENOID	5
5D74717H19	VALVE-EXPANSION	5
1C40811177	VAPOR DOOR RELAY, 36V	5
8589C64H33	YOKE / FLANGE INPUT	5

Alstom Reference Number	Description	Quantity
1253A35H09	FUSE,RADIAL,PICO 3.0 AMP .036 OHMS	5
1253A50H06	DIODE 1N5408	5
404P948H14	NUT, ORS, C. STL, .625	5
409P147H11	PRESSURE SCREW .62-18X7.75 LONG	5
4722A43H04	BOLT .500-13 X 1.75 HEX HD STL, W/ HOLE	5
5586B62H73	SLEEVE, RUBBER	5
5586B62H87	ROTOR, OIL PUMP	5
5D75371H02	BRUSH SEAL 80.38)	5
8589C64176	CLAMP ASS'Y HSG.	5
DOM00610	SPANNER BITS #10,1/4"HEX SHANK 1"L	5
1B39545H01	LOCKPIN SPHERICAL BEARING (NEW)	5
1C40495G05	CAPACITOR ASSY	5
409P157H44	JACKSCREW SHORT MALE SST TIP	5
4767A67G01	LIGHTNING ARRESTER	5
8840D97H15	LENS CAP (NO LEGEND,RED)	5
2973A52G04	DIODE ASSEMBLY	5
404P319H03	ADAPTER	5
404P551H08	CLEVIS PIN .375X1.25	5
4893B99G02	HOSE ASSEMBLY	5
5D72541H39	SEALING O-RING - 1/2	5
1253A35H02	FUSE,RADIAL PICO .25 AMP .740 OHMS	5
1A97382H71	FUSE, 15 AMP	5
3018680H02	GASKET, (RUBBER SPONGE)	5
404P301H62	FITTING, BRASS, .625	5
404P948H15	NUT, ORS, C. STL, 1.125	5
5D72541H45	HARNESS CLAMP	5
5D80233H33	FUSE - 3.15A 250V 5X20MM TYPE T	5
DOM00710	REQUEST RELAY	5
1A96924H01	STD. FIBRE BUSHING	5
1C40495G09	RESISTOR ASSY	5
404P357H04	LED (LAMP)	5
404P786H03	REDUCER INTERNAL	5
5586B62H72	FITTING, OIL INTAKE TUBE	5
5621B64H01	DECAL, PRIORITY SEAT	5
6246D67H11	WASHER .812 ID x 1.50 OD x .25 THK	5
8618A09G02	RESISTOR ASSY.	5
DOM00712	" SDCR " RELAY	5
1A97382H70	FUSE, 10 AMP	5
1D62677H12	SHIM 5.00) 6.00 X .250 THK SST	5
3015542H47	CONNECTION CLAMP	5
404P322H06	ELBOW 90 DEG	5
409P121H69	ADAPTER 37 DEG FLARE .875 TUBE	5
409P121H72	ELBOW 90 DEG BRS MALE 1/4 X 1/8	5
5D75518H03	SEAL 49.00)	5
71310EB61C	PIPE COUPLING 1.00 STL	5
1C41194H03	SEAL 31.00)	5
404P745H39	TUBING FOAM (HVAC)	5

Alstom Reference Number	Description	Quantity
5586B62H74	TUBE, OIL INTAKE	5
5586B62H86	O-RING OIL PUMP COOLER	5
1C41108H01	COVER STRIP 54.62) .06 X .75 ALUM STRIP	5
3022060H04	LINE VALVES	5
404P691H05	SAFETY DECAL (SAVE YOUR EYES)	5
8840D97H12	LENS CAP (AIR)	5
1C40495G08	RESISTOR ASSY	5
1C41362H15	CAPACITOR 100UF 500VDC AXIAL	5
3022058H15	RELAY, A/C	5
70100EG07K	BOLT .375-16 X 1.38 LG HEX HD STL	5
DOM00751	COMPRESSION LUG COPPER W/2 HOLES FOR 2/0 GAUGE	5
1B40255H01	BATTERY BOX DECAL (WARNING)	5
1D62677H13	SHIM 8.25 X 2.00) .062 THK SST	5
404P317H06	TEE	5
404P383H10	SNAP RING	5
404P957H37	CONNECTOR RG58C/U GOLD CTR (SINGLE)	5
5586B62H48	PLUG PIPE	5
8623A69H02	TERMINAL LUG,.500 STUD 6-350 MCM	5
8840D97H14	LENS CAP (MOL)	5
DOM00606	PLASTIC BOTTLE, 8OZ, FLIP CAP	5
1C40495G06	CAPACITOR ASSY	5
404P115H19	DIODE, SPECIAL 100A, 300V, RECTIFIER	5
404P308H03	PIPE FITTING 37 DEG FLARE	5
404P427H10	FUSE INDICATING 5 AMP	5
409P157H45	JACKSCREW SHORT FEMALE SST TIP	5
DOM00661	18451 ROBINAIR 1/4 45 DEGREE QUICK SEAL REPAIR KIT	5
21D3154H01	STD CORE 1.109) .625 DIA STL	5
4767A26H05	CABLE GRIP .312-.375	5
8840D97H05	LENS CAP (DOORS 5-6-7-8)	5
DOM00652	WELL NUT,10-32,0.554L	5
1C40483G15	RESISTOR TUBE RIBFLEX 7.50 OHMS	5
3046142H19	CAP SCREW	5
3046142H70	NUT, SPECIAL	5
3046927H04	STRUCTURAL SUPPORT WHEEL WELL GUSSET	5
404P157H36	RESISTOR 250 OHMS 5.00W 1% RS-5	5
404P316H05	TEE	5
8840D97H13	LENS CAP (ATO)	5
1074F75H57	PIPE 6.00)	5
404P502H36	FUSE 6.3 AMP 250V 5 X 20 MM	5
404P631H01	SHOULDER SCREW	5
404P799H01	HYDRAULIC HOSE .406ID	5
4722A42H04	BOLT 1) .750-10 X 2.25 HEX HD STL	5
5586B62H85	VALVE ASSEMBLY SAFETY	5
DOM00125	LITTLEFUSE VARISTOR V130LA2P	5
3046142H15	GASKET, (LP)	5
5586B62H94	PIN ROLL	5
5D72542H32	PIPE CLAMP (7/8 LINE)	5

Alstom Reference Number	Description	Quantity
70100EG0CT	BOLT .500-13 X 1.75 LG HEX HD STL	5
8840D97H07	LENS CAP (DOORS BYPASSED)	5
3046142H36	HP HEAD GASKET	5
3046927H05	STRUCTURAL SUPPORT WHEEL WELL PANEL	5
5586B62H10	SEAL O-RING, PLUNGER TO SLEEVE	5
73482AP00S	FUSE 60A 250V SB	5
8840D97H04	LENS CAP (DOORS 1-2-3-4)	5
DOM00558	TIN PLATED COPPER SLEEVES (SWAGING)	5
DOM00643	3/16 FLAT WASHER STL STEEL	5
000SWD08000110SE	LOCK KEEPER BRACKET ASSY RH	4
404P690H16	ROD END .75 BORE, .750-16 FEMALE R/H	4
409P256126	FUSE 5 X 20 MM, 8A, FAST-BLOW	4
404P437H91	RETURN SPRING HANDLE	4
409P113H07	UNCOUPLING CYLINDER KIT	4
6246D67H12	WASHER 4.25 X 4.25).125 THK HR STL	4
DOM00357	TAPE CORRECTION,WITE-OUT 1/6"WX 399"L	4
1C44274G01	IDLER AND CARIAGE WHEEL ASSEMBLY	4
1D62677G01	PIVOT SHAFT SHIM SET .562 THK	4
1D62677H07	CRADLE SHIM 5.00 X 5.00).250 THK SST	4
5586B62H99	O-RING BREATHER TUBE	4
DOM00618	GASKET, HIGH SIDE VALVE, 1 5/8 SPACING	4
DOM00731	SELF-FUSING ELECTRICAL TAPE 1"W, 36FT, 0.020"THK	4
3022058H23	DAMPENING COIL	4
3046927H06	WHEEL WELL ATTACHMENT BRACKET	4
404P682H14	RELAY 3-FORM C MCR	4
DOM00372	BINDER CLIPS, MEDIUM 1 1/4"	4
404P313H05	HOSE -12	4
4078B63G02	EVAPORATOR, COVER MOUNTING ANGLE	4
6D58095H32	CONTACTOR, (CFC) 40A	4
3911C41H03	PRESSURE RELIEF (VALVE)	4
404P301H07	COUPLING	4
404P437H89	BUSHING LOCKING PIN	4
5D72541H30	SEAL CAP (WITH CHAIN)	4
760C217G07	SHUNT	4
8597C32H33	GEAR OIL (55 GAL DR), MOBILUBE HD PLUS 85-140	4
DOM00617	GASKET, LOW SIDE VALVE, 1 3/4 SPACING	4
404P437H86	LOCKING PIN	4
404P471H04	NIPPLE	4
8840D97H16	PUSHBUTTON	4
DOM00373	PAPER CLIPS,SMOOTH FINISH,#1(SMALL)	4
404P164H80	IC 27C256 MEMORY CMOS EPROM DIP28 CERAM	4
404P327H03	PIPE REDUCER INT/EXT STL .250/.375	4
4236B52H02	LINK 11.50) 1.750 HEX STL BAR	4
4785A94H01	STD. WSHR 1.25 X 1.25) .190 THK STL	4
5D80233H31X	RUBBER BUMPER	4
8594C63H02	STD. FAN 24 VDC 94 CFM	4
1D62677H06	CRADLE SHIM 5.00 X 5.00).125 THK SST	4

Alstom Reference Number	Description	Quantity
404P690H14	ROD END .75 BORE, .750-16 MALE R/H	4
404P443H12	RELAY (PPR,MDR)	4
404P471H01	PIPE NIPPLE	4
4893B99G01	REVERSER ASSY. HOSE	4
4900B16H01	HINGE PIN 2.78) .500 DIA SST BAR	4
570A223H01	SPRING HOLDER	4
70610CJ21G	E-RING FOR RETAINING PIN	4
8589C64H54	LOCK-WHEEL BRG. NUT	4
000SWD08000119SE	NON-VITAL SWITCH	4
409P121H68	ADAPTER 37 DEG FLARE 1.125 TUBE	4
404P855H07	ADAPTER,MALE TO FEMALE JIC,1 1/16-12	4
4681C85H01	INJECTION MOLDED NYLON	4
000SWD08000109SE	LOCK KEEPER BRACKET ASSY LH	4
1C41821H01	PRESSURE REGULATOR	4
1C44275G01	DRIVE WHEEL AND CARRIAGE ASSY	4
404P547H22	SPEEDY SLEEVE CHICAGO RAWHID	4
2538B78G06	VARISTOR-DIODE ASSEMBLY	4
5574C77H01	LOCK PIN 7.937) 1.500 DIA CF SST	4
1A97382H75	FUSE 1.5 AMP	4
409P121H70	ADAPTER 37 DEG FLARE .625 TUBE	4
1D62677H02	PIVOT SHIM 8.00 X 4.00).062 THK SST	4
8839D57H02	BAR 3.62) .50 X .50 H.R. SST	4
404P697H36	BATTERY, GEL CELL, 97 AMP HR, 12V	4
3D99133H04	BRH MTG BLOCK .75 THK AL BAR	4
2263D94G01	BRUSH HOLDER ASSEMBLY	4
6158A81H01	BUSHING (MOTOR MOUNTING)	4
0899363G01	CONTACT ASSEMBLY	4
5574C60H02	INTERLOCK SX6-N.O.	4
404P354H12	LAMP 28 VOLT 150 WATT	4
6D56575H04	SWITCH,HIGH PSI (CARS 23-31)	4
404P810H22	VALVE 1/4" 3 WAY DIRECT ACTING	4
409P129H66	VALVE, ELECTRICAL UNLOADER	4
4D03069G01	COLLECTOR MOUNTING BRACKET	4
404P988H97	FUSE PLUG 5-15V AC/DC W/LIGHT	3
3022058H20	SWITCH ROTARY 5 POS	3
1A97382H03	FUSE 600 VAC 3AMP (KNIFE SWITCHES)	3
652A554H02	INSULATOR	3
DOM00374	PAPER CLIPS,SMOOTH FINISH,JUMBO	3
404P649H39	MUFFIN FAN 115 VAC 105 CFM	3
3032502H40	RELAY SOCKET 4PDT	3
404P157H90	RESISTOR 2W, 1.5K OHM CARBON FILM	3
409P241H05	CENTER PIN (PIVOT PIN DRAFT GEAR)	3
1A97382H34	CONNECTORS, LOW DENSITY	3
DOM00293	TREE RIVET,NYLN,PUSH,1/4""HOLE DIA,1.060L	3
DOM00411	PAD,LEGAL RULED,8X11,LTR,CANARY,50SHTS	3
3022058H11	RLY THRM OVERLOAD 3 POLES 2.2-3.1A	3
409P157H90	CONNECTOR HOOD 9 PIN BLACK	3

Alstom Reference Number	Description	Quantity
3925A65H01	RELIEF VALVE	3
DOM00688	GRAYHILL 70G-OAC24A	3
3022058H38	UPLOADER VALVE	3
404P313H15	TEFLON HOSE (ISSUE BY INCHES)	3
DOM00460	BOX, 12 x 10 x 24, LTR, WHT/BLUE (12/BX)	3
404P156H37	RECEPTACLE, CONNECTOR, SIZE 1, 9 POSN	3
3022058H10	CKT BRKR MINI 25A 400V 3P TRIP K Ring	3
3037094H19	TRANSFORMER 600VAC- 120VAC 150V 1.30A	3
DOM00397	LAMINATING POUCH, 2.5"X4.25",5MIL.	3
DOM00441	PAPER, GREEN, 8.5X11, COPY/LASERPRINT, 20#	3
3160088H44	SHUNT TRIP	3
6D56576H37	VARISTOR-SURGE SUPPRESSOR	3
404P156H40	KIT, SLIDE LATCH, 9 PIN, SIZE 1, STYLE I	3
51M6121H01	REFRIGERANT (R-407C)	3
8589C64H60	GEAR PLANET PINION (16T)	3
DOM00344	LAMINATING POUCH, 9 X 11 3MIL	3
404P988H98	FUSE PLUG 15-30V AC/DC W/LIGHT	3
4677C95G29	VARISTOR SUPPRESSION DEVICES	3
5D72503H11	AIR FLOW SWITCH	3
DOM00350	CART, TAPE, 0.5", BLK ON WHITE	3
409P241H08	COVER GASKET	3
5D72505H04	FLEXIBLE DUCT	3
404P538H59	GAS SPRING	3
8596C95H12	HYDRAULIC FLUID (AREOSHELL) GALLON	3
4767A30H01	ISOLATION TRANSFORMER	3
3046142H18	LP VALVE GASKET	3
DOM00709	NONCONDUCTIVE LOCKOUT HASP	3
5D72504H96	RUN SCREEN (STRAINER)	3
404P498H10	SWITCH, PRESSURE	3
409P220H01	TAILLIGHT RED LENS	3
5D74716H20	VALVE - RECEIVER, (INLET AND OUTLET)	3
404P595H08	AB BREAKER 15 AMP	3
404P599H17	ADAPTER, BRASS, .625	3
404P599H18	ADAPTER, BRASS, 1.125	3
3925A66H04	AIR CHECK VALVE	3
3A62935G02	BAYONET CONNECTORS	3
5586B62H80	BEARING KIT CONNECTING ROD	3
5586B62H59	BODY	3
6971C68H04	BREAKER 3 POLE, 600VAC, 125AMP	3
2526F98G01	BUS CONNECTIONS	3
2526F98G02	BUS CONNECTIONS	3
2526F98G03	BUS CONNECTIONS	3
5D72541H37	BUSHING (2@.136, 2@.175)	3
5D72541H38	BUSHING (2@.175)	3
5D72541H36	BUSHING (4@.136)	3
DOM00752	COMPRESSION LUG, COPPER, W/2 HOLES FOR 3/0 GAUGE	3
409P165H10	CONNECTOR 3 SOCKET RECEPTACLE 12-14 AWG	3

Alstom Reference Number	Description	Quantity
6D56575H23	CONTACTOR	3
5574C60H01	CONTACTOR W/ 1 N.O. & 3 N.C. INTERLOCKS	3
409P176H16	DUCT SMOKE ALARM 24VDC, PHOTOELECTRIC	3
404P677H01	DUMMY LOCK	3
3046142H72	FASTENER	3
3046142H10	FELT SEAL, LP UNLOADER	3
8591C08G01	GROUND TERMINAL CONNECTION JOINT	3
3046142H48	HP RING KIT	3
3046142H27	HP UNLOADER PLUNGER	3
3046142H33	HPD VALVE	3
3046142H28	HPI VALVE	3
5586B62H90	INSERT	3
3046142H68	INTERCOOLER GASKET	3
3046142H67	INTERCOOLER GASKET	3
6972C95H01	ISOLATION JOINT 8.00) 1.25 X 1.50	3
1C41021H02	KEY (L1700)	3
4078B64H01	KEYLOCK (EVAP. COVER "RIGHT")	3
8840D97H36	LENS CAP (PUSH TO CALL)	3
8840D97H43	LENS CAP (UNCOUPLE)	3
1C41194G01	LOWER SIDE SEAL	3
DOM00481	LOW-PRESSURE PIPE FITTING STEEL CAP	3
3046142H11	LP UNLOADER SEAL O RING	3
3046142H07	LPI VALVE CAP	3
3019380H01	MTG BRACKET FIBERGLASS MOLD	3
5586B62H75	OIL SEAL, FRONT	3
71310EBD1C	PIPE NIPPLE 1.00 STL	3
404P749H69	PIPE TEE	3
5586B62H60	PISTON	3
5586B62H63	PLUG, ORIFICE	3
8840D97H21	PUSHBUTTON	3
8840D97G94	PUSHBUTTON SWITCH ASSEMBLY	3
3160497H01	RIM) WHEEL 22.5x7.50 TLD MR IS 108	3
6246D67H09	SPACER 4.25 X 4.25).375 THK HR STL	3
5D72541H35	STRAIN RELIEF CONN - 1/2	3
404P703H49	SWITCH	3
404P310H07	SWIVEL 1 OD 1-5/16-12	3
404P310H05	SWIVEL 5/8 OD 7/8-14	3
3046142H29	VALVE GASKET	3
DOM00590	VISHAY DALE-RESISTOR,METAL FILM,121 OH	3
5D75500G02	(CABLES) GEL CELL BATTERY CONVERSION KIT	2
1C42599G01	AIR COMPRESSOR ELECTRICAL ASSEMBLY	2
8839D49H03	ANGLE 9.75). 25 X 1.00 X 1.00 LEGS, STL	2
8839D49H04	ANGLE 9.75).25 X 1.00 X 1.00 LEGS,STL	2
6957C53G01	ARC BOX ASSEMBLY	2
000SWD08000116SE	AUTOLOCK ASSEMBLY	2
3D99133H03	BRH MTG BLOCK .75 THK AL BAR	2
5578B62H02	BRUSH HOLDER CAP	2

Alstom Reference Number	Description	Quantity
5585B93H01	BRUSH HOLDER PLUG 2.00) .625 X 1.50 BR	2
5585B78H01	CHANNEL 5.00 X 1.92) .062 THK	2
409P129H67	COIL, UNLOADER VALVE	2
6965C34G02	COMMUTATOR COVER ASSY LH	2
6965C34G01	COMMUTATOR COVER ASSY RH	2
404P184126	CONNECTOR DIN FORM A 18MM	2
8617A79G01	CONTACT WITH INSERT	2
5D72346H05	CONTACTOR (BLOWER MOTOR)	2
5D72346H03	CONTACTOR (HEAT)	2
404P682H01	CONTROL RELAY	2
5586B62H81	CUP BEARING	2
5D74672H01	HUB 1) MACHINED FROM CASTING	2
404P437H88	INNER SPRING	2
5D74716H06	ISOLATOR - SHOCK MOUNT (250)	2
3020357H35	LED 24VDC - RED	2
302357H36	LED 24VDC - YELLOW	2
000SWD08000118	LOCK DRIVER BOARD	2
3046142H21	LOW PRESSURE CYL. HEAD GASKET	2
5D74716H10	MOTOR - CONDENSER	2
3D52075H02	MOTOR OPERATOR 120 VAC (BREAKER 50/60HZ)	2
409P302113	MOTOR/GEAR DRIVE ASSEMBLY 1/4HP	2
3162373H18	NOSING (NEOPRENE) 82.75	2
404P437H87	OUTER SPRING	2
8597C30G01	SLIDING GAP ASSEMBLY	2
6246D67H14	SPACER .81) 2.38 DIA CR STL	2
8589C64H94	SPIDER BRAKE	2
DOM00378	STAPLES,STANDARD, 5000/BX	2
404P680H01	SWITCH ROLLER BEARING	2
404P310H08	SWIVEL 1-1/4 OD 1-5/8-12	2
5D72346H08	THERMAL OVERLOAD (CONTACTOR)	2
1504F08G01	TRACK SIGNALING ANTENNA	2
3925A67H03	VALVE QUICK RELEASE	2
3050827H01X	VIDEO MONITOR SIGNAGE UNIT	2
404P437H96	VITAL RELAY 12-14 VDC 800 OHM	2
5818C55G02	BRACKET ASSY (TRIP STOP)	2
409P190H28	CONNECTOR (2267D51G06 FIND:100)	2
53535BY00A	ELECT JOINT COMPOUND (ALCOA-2)	2
1D62653G01	EMERGENCY RELEASE & COVER ASSEMBLY	2
6D57793H02	FAN-CONDENSER	2
8589C64H57	HUB PLANET RING	2
4077B81H01	KEYLOCK (EVAP. COVER "LEFT")	2
DOM00439	PPR,PASTEL SALMON,8.5X11,COPY/LASERPRINT	2
3022060H03	SOLENOID VALVA COIL(L.V.)	2
DOM00394	STAPLER,METAL,BLACK	2
404P480H31	STARTER, 24 VDC COIL	2
3049135H43	SURGE SUPPRESSORS(RV5/133)	2
8368D84H22	VEHICLE GLASS, FOR CAR DOORS	2

Alstom Reference Number	Description	Quantity
1120F34H01	WASHER 4.38 X 4.38).375 STL	2
1A96940H24	STATIONARY CONTACTS	2
1A97321H37	RELAY, VOLTAGE SENSING	2
3022058H21	POWER SUPPLY ASSEMBLY	2
3160088H41	CIRCUIT BREAKER 3 POLE	2
404P156150	PLUG,M12,A-CODED FEMALE,22-20 AWG	2
404P315H08	SILICONE RUBBER; (2W X 36LG) W/ADHESIVE	2
404P513H11	POTENTIOMETER	2
404P968H10	HAND PUMP SINGLE PISTON	2
409P121H04	CONNECTOR .50 X .50 MALE	2
51550DL00A	REFRIGERANT R 22 FREON	2
652A554H01	INSULATOR 1.00 LG (.25-20)	2
8589C64H56	GEAR, PLANET RING (52T)	2
8591C09G01	SIGNAL EXPANSION GAP	2
DOM00295	CARRIER ASSEMBLY STUD-SHORT	2
DOM00641	HARDDRIVE 500,SATA,3.0GB/S	2
DOM00732	37 DEGREE FLARED FITTING (STEEL TUBING)	2
1C40807H02	ADAPTER BRKT 5.00 x 3.00 x .25 THK WALL	2
404P645H18	ADAPTER ASSEMBLY	2
409P180H50	CABLE 5 PIN POWER CORD 3 FT LONG	2
4166A87H01	RELAY TYPE B	2
5586B29H06	CHANNEL 1) (FIBERGLASS 20')	2
6D58095H25	THERMAL UNIT,2.15-3.49A(OVERLOAD)	2
DOM00494	FLASHLIGHT, MINI MAG, AA	2
1A96976H01	WASHER 1.031X1.75 .03THK	2
1A97382H97	SPRINGS, STATIONARY CONTACTS	2
3022058H04	LOW PRESSURE SWITCH	2
3046142H51	HP PISTON WITH PIN	2
404P852H16	NUT SLEEVE PHILLIPS HEAD	2
409P021H13	DYNAMIC HAND-HELD MICROPHONE	2
4567B03H03	CAPACITOR, 1UF 660V	2
4766A41G06	RESISTOR ASSEMBLY	2
5625B82H01	BUMPER E.A.R. ISODAMP HD25	2
5D72503H06	BLOWER WHEEL (CCW)	2
8368D84H23	VEHICLE GLASS (CENTER GLASS)	2
1074F75H76	KEY	2
2969A43H02	BOLT .875-14 X 12.00 HIGH STR STL	2
3046927H01	STRUCTURAL SUPPORT TRANSVERSE ANGLE	2
3A62905G01	RESISTOR ASSEMBLY	2
404P117H48	RELAY PNL MT 3-60VDC 5A	2
404P585H14	LAMP FUSE	2
409P121H31	FITTING CAP	2
5D75519H03	BRUSH SEAL 86.00)	2
610B592H01	RACK	2
652A073H08	CABLE GRIP .625-.750 .750 PIPE THD	2
6957C30H01	STD. BLOWOUT COIL BASE	2
DOM00376	EXPO(BOLD)POINT DRY ERASE MARKER, ASSORTED, 4/PK	2

Alstom Reference Number	Description	Quantity
DOM00407	RUBBER FINGER TIPS, EXTRA LARGE #13	2
DOM00707	MED-STRENGTH STEEL HEX NUT, 3/4"-10 THREAD	2
DOM00708	MED-STRENGTH STEEL HEX HEAD SCREWS	2
DOM00720	SOLDER-CONNECT FITTING FEMALE 3/4	2
DOM00723	BOLT HUB FACE PLATE(GRADE 8 HEX CAP)	2
8367D83H06	STOP PLATE 6.00 X 5.50).25 THK SST	2
8589C64H09	SPACER KIT, BEVEL PINION BRG.	2
DOM00490	HIGHLIGHTER, BRITELINER, FLPNK,CHISEL TIP	2
1A96940H25	CONTACT, MOVING MAIN	2
3037094H35	GASKET	2
3037096H23	THERMOSTAT	2
404P313H03	HOSE -08 (ISSUED BY INCH)	2
404P313H35	SUPPORT COIL .51 O.D.	2
404P502H34	FUSE 2.0 AMP 250 VOLTS 5X20 MM	2
409P038H23	WIRE HOOKUP 30AWG INSULATED	2
409P245H59	CONNECTOR 2-PIN MALE	2
5574C37G01	BRACKET ASSEMBLY SWITCH ACT.	2
6971C67H07	BREAKER 3 POLE, 600 VAC, 15 AMP	2
8589C64H77	COLLET NUT BRAKE CHAMBER	2
DOM00387	SHARPIE RETRACTABLE PERM ,FINE POINT (RED)	2
3A63921H67	RESISTOR 1.5K OHM 2W +/-5% TOL	2
404P546H05	BEARING RACE	2
404P951H08	STAINLESS STEEL EYEBOLT .250-20 X 4.00	2
409P221H50	TRUCK COMPONENTS BOOTS, HEAT SHRINK	2
4780A12H07	BASE STATION W/O TERMINALS (VR BASE) (OLD)	2
4785A37H01	STD. WSHR 1.250 DIA X .125 THK POLYGLS	2
5584B08H01	LOCK PIN .871) .750 HEX STL	2
5D72503H07	BLOWER WHEEL (CW)	2
5D75518G02	UPPER SIDE SEAL (RIGHT)	2
70100CA04N	BOLT .312-18 X 1.00 SI BRZ	2
DOM00118	GRINDING WHEEL 4.5"X1/4"X7/8" TYPE 27	2
DOM00294	CARRIER ASSEMBLY STUD-LONG	2
1074F75G02	Air Compressor	2
1A96940H10	SPRING, ARCING CONTACT	2
3022058H05	MOD PRESSURE SWITCH	2
3037094H37	GASKET	2
3046927H03	STRUCTURAL SUPPORT WHEEL WELL RH	2
3046927H07	WHEEL WELL ATTACHMENT BRACKET	2
404P156151	PLUG,M12,A-CODED MALE,26-22 AWG	2
404P594H35	VARISTOR 175VDC-130VAC-.70 WATT-6500 AMP	2
404P687H26	O-RING, NEOPRENE, (-16)	2
4766A40G07	DIODE ASSEMBLY	2
5586B62H84	PLUG PIPE	2
5586B62H93	RETAINER REAR	2
577B060H33	DIODE (2000V)	2
5D72503H13	STATIC TEMP. SENSOR	2
5D80233H03	IDLER PULLEY ASSY	2

Alstom Reference Number	Description	Quantity
6D56575H26	OVERLOAD	2
DOM00356	BINDER CLIPS, SMALL 3/4"	2
DOM00422	LABEL,MAILING,INKJET,3-1/3X4, # 8164	2
DOM00619	GASKET, MOTOR	2
3022060H05	Expansion Valve	2
409P131H13	BREAKER 3 POLE 100A (CARWASH)	2
5580B05G02	DIODE ASSY IN5399 (S/B 1N5399)	2
7080D07H18	RECEPTACLE (ASSY, MOLDED W/ALUM COVER)	2
DOM00451	FUSE, CLASS K5, NON TIME DELAY, 10AMPS	2
13D8907H08	SPRING 21.00) .040 DIA SST WIRE	2
1C41486H01	MTG PLATE 9.50 X 6.12) .38 THK ALUM	2
2531B84G07	LIGHTNING ARRESTOR ASSY	2
3046341H01	JNIOR SERIES 4 PLC	2
3160088H09	CIRCUIT BREAKER	2
3794C83H04	TOOTHED WHEEL .50 THK STL PL BURN	2
409P176H22	SMOKE DETECTOR BASE(GRAPHICS)	2
44791JP7VW	TUBING SHRINK 1.00 I.D. BLACK	2
4722A46H09	BOLT .375-16 X 3.00 HX HD	2
4896B77G01	UMC CONTACTOR CORE ASSY	2
5D80233H06	RH BUMPER ASSEMBLY	2
DOM00382	PUSHPINS,RAINBOW	2
DOM00582	SPRING PIN, COIL, STL, 3/8X2 L	2
404P326H04	PIPE ELBOW	2
4766A18G02	VARISTOR ASSEMBLY	2
DOM00361	PAPER,WHITE,11X17,XERO/DUP	2
404P437H56	RELAY O.A. BIASED 400 OHM 6FB	2
404P547H46	TORQUE SEAL, ORANGE	2
5D72503H02	MOTOR COMPLETE (EVAPORATOR)	2
5D72541H28	ELBOW ACCESS FTG 1/8 NPT	2
6D58097H25	SWITCH, AIR FLOW	2
DOM00724	BOLT HUB FACE PLATE/PRESSURE SENSOR BRACKET	2
1C40591G01	STD.BLOWOUT COIL AND ARC HORN ASSEMBLY	2
1D62677H01	PIVOT SHIM 8.00 X 4.00).036 THK SST	2
404P141H48	KEY (PCB KEY)	2
4569B80H01	CLAMP 3.50 X 1.50) 2.00 THK POLYGL	2
4724A92H02	NUT .875-14 HIGH STRENGTH	2
71310DM307	PIPE PLUG .375	2
795C168G01	CONTACTOR ARC CHUTE - MOLDED	2
8597C32H31	MOTOR- GREASE XHP 222S	2
1A97382H76	FUSE, 1 AMP	2
2970A71H19	#RELAY CONTROL, 6 POLE	2
3037094H12	OVERLOAD RELAY, 1.7-2.4	2
404P313H34	SUPPORT COIL .94 O.D.	2
404P439H56	RESISTOR 20 OHMS 12.0W 5%	2
404P564H05	BEARING (CERVICAL LOCKPIN) (OLD)	2
409P245H60	VEAM CONNECTOR MOUNTING BRACKET	2
4567B03H07	CAPACITOR 1 UF, 660 VAC	2

Alstom Reference Number	Description	Quantity
59D0647H01	STD.HINGE 1),500LG EXTRUDED SE	2
5D72346H11	CIRCUIT BREAKER (1.5 AMPS) BMCB	2
5D74455H13	HEADLAMP -RED HIGH	2
5D80233H05	LH BUMPER ASSEMBLY	2
DOM00124	SANDING BELT 6"X48" 120GRIT	2
DOM00418	SHEET PROTECTORS,11" X 8 1/2" ,HEAVY	2
1A97382H78	RELAY, ON-DELAY TIME	2
3024292H01	SENSOR BRACKET	2
3037094H13	THERMAL OVER LOAD RELAY	2
404P749H93	UNION BULKHEAD	2
409P241H06	CENTER PIN NUT	2
8589C64H13	SPINDLE WHEEL BEARING	2
DOM00403	BINDER CLIPS, LARGE 2"	2
DOM00501	DETECTOR, VOLTAGE	2
DOM00621	GOLF CART TIRE W/RIM	2
1A97382H69	FUSE, 3 AMP	2
1C41821H04	REPAIR KIT FOR REGULATOR	2
404P546H06	BEARING CONE	2
404P645H01	RECEPTACLE CABLE CONNECTOR 4 CONTACTS	2
4722A42H06	BOLT .750-10 X 2.75	2
4767A86H15	CHECK VALVE PILOT OPERATED	2
5D72541H13	CHECK VALVE	2
5D74715H01	COMPRESSOR	2
5D80233H08	IDLER PULLEY LOCK ASSEMBLY	2
DOM00385	SHARPIE,SUPER,BOLDPT,RED	2
DOM00450	LAMINATING POUCH,11 X 17, 3MIL	2
DOM00532	FUSE 8 AMP (FNQ-R-8)	2
DOM00541	BOISE-MULTI-USE COPY PAPER 8 1/2 X 14"	2
107D454G02	BRAKE RESISTOR ASSEMBLY	1
107D579H80	RESISTOR 1K 3/4W 1% NA70	1
1252A04H07	RESISTOR 100 OHMS .125 W 1% NA55	1
1253A06H01	CAPACITOR 10 PF 200V 10%	1
1503F92H08	T.S. ANTENNA MOUNTING BRCKT REAR	1
1A97321H45	CONTROL RELAY	1
1A97321H79	CONTROL RELAY	1
1A97382H23	CRT BKR, 480 VAC 15 AMP 3 POLE	1
1A97382H53	SURGE ARESTOR 24KV	1
1A97382H64	RELAY REVERSE PWR	1
1A97382H74	RELAY, BF	1
1C40468H04	CAM .63) 7.00 DIA	1
1C40495G04	DIODE ASSEMBLY	1
1C40811H29	RESISTOR ADY 100W 10% 200HMS	1
1D62740G03	PIN GUIDE HOUSING ASSEMBLY	1
1D62753G01	LOCK PIN SEAT ASSEMBLY	1
3035521G01	CIRCUIT BREAKER DIN RAIL ASSEMBLY	1
3038853G01	CONCOURSE MOUNTING BRACKET ASSEMBLY	1
404P111H54	CAPACITOR 52000 MFD-30 WVDC	1

Alstom Reference Number	Description	Quantity
404P141H33	CONNECTOR	1
404P154H37	25P CONNECTOR CLAMP ASSY	1
404P594H01	VARISTOR	1
404P594H13	VARISTOR V56ZA2	1
404P694H08	LENS - ORANGE	1
404P720H06	PISTON KIT (4893B70H01)	1
409P199123	MONITOR 17" VGA (ORS	1
5D72504H83	THERMAL SWITCH ASS'Y	1
5D72542H02	CONDENSOR COIL	1
8595C49H01	FITTING	1
8618A09G01	RESISTOR ASSY	1
DOM00240	OUTPUT CARD,HI VOLT,8X115/230V,AC/0.5A	1
DOM00479	TAPE DISPENSER	1
DOM00538	ENVELOPE, SECURITY #6 3/4,500/BX	1
DOM00539	ENVELOPE,TAMPRES SECURITY #10 4-1/8"	1
DOM00572	MICRO SWITCH (SNAP SWITCHES)	1
1A96940H18	SPRING, TRIP LATCH RESET	1
1A97382H45	INSULATORS	1
1A97382H47	SPRING	1
1A97382H98	MOVING MAIN CONTACT ASSY.	1
1D62751H04	KNUCKLE ADAPTER	1
2254F05H04	DRAWBAR	1
2531F66G01	TRIP STOP ASSEMBLY (R.H.)	1
3005901G01	PC BOARD, SERIAL COMMUNICATIONS	1
3792C11H03	BOGIE BEARING RING	1
404P102H56	TRANSFORMER STYLE A 117 VOLTS	1
404P170H76	RECEPTACLE	1
404P349H05	BUSHING 1.00 INSULATING	1
404P391H34	ADD ON CONTACT BLOCK W/1 (ONE) NC CONT	1
404P394H29	COMPUTER COMPONENT - KEYBOARD	1
404P437H99	CENTER PLATE	1
404P443H73	RELAY 115 VAC	1
404P480H35	INTERLINK CONTACT	1
404P595H85	BREAKER 1 POLE 277 VAL 20A	1
404P598H05	POTENTIOMETER 1K OHM 3 WATTS	1
404P690H01	ROD END RIGHT HAND	1
404P694H13	PUSHBUTTON FLUSH 2-NO, 2-NC, BLUE	1
4228B36H01	RETAINER	1
5D73534G01	PC BOARD, ENCODER DECODER ASSY	1
5D74459H18	RUBBER STOP 2.00 X 1.00 X 5.00)	1
6157A58H04	THERMAL RELAY	1
652A073H10	CABLE GRIP .750-.875 1.000 PIPE THD	1
8840D42G06	OVERLOAD LATCH RELAY	1
DOM00513	ENVELOPES 9 X 12, SELF ADHESIVE (WHT)	1
DOM00700	DESIGNJET BRIGHT WHITE 24" X 150' ROLL	1
1253A57H05	DIODE, ZENER 1N5347B	1
1502F80G04	ANTENNA I.D. TRANSMIT	1

Alstom Reference Number	Description	Quantity
1A96940H19	CONTACT FINGER, STAT. MAIN	1
1A97321H80	CONTROL RELAY (2 POLE, 2NC)	1
1A97382H99	CONTACT, ARCING	1
1C40495G01	DIODE ASSEMBLY	1
1C40811H28	RES ADJ 100W 10% 10 OHMS	1
2125F98G02	RESISTOR ASSEMBLY	1
2257F71G03	PIVOT BEAM CENTER ASSEMBLY	1
2538B23G01	RESISTOR ASSEMBLY	1
2538B23G02	RESISTOR ASSEMBLY	1
3024581H01	SHIM-LIMIT SWITCH ACTUATING BRACKET	1
404P301H63	FITTING, BRASS, 1.125	1
404P611H50	CAPACITOR 20 UF 370VAC	1
404P694H06	INDICATING LIGHT (SW/LAMP PUSHBUTTON)	1
404P810H08	MANUAL OVERRIDE HANDLE ASSEMBLY	1
409P011H03	PUTTY FLAME SAFE	1
409P059H41	SPRING LATCH 2 PIECE	1
409P077H13	RECTIFIER ASS'Y	1
409P165H09	CONNECTOR 3 PIN PLUG 14-14 AWG	1
409P987199	MONITOR, 19" WIDESCREEN	1
409P987H63	21.5 IN COLOR MONITOR	1
4228B37H01	CONNECTOR 11.00+.00/- .03).25 X 1.00 STL	1
4236B52H03	LINK 13.88) 1.750 HEX ST BAR	1
5D73435G01	PC BOARD, 386 CPU AS	1
5D73462G01	PC BOARD, DC SINK OUTPUT ASSEMBLY	1
6973C66G14	VARISTOR ASSEMBLY	1
8594C63H01	FAN 48 VDC 94 CFM	1
DOM00686	480/120 TRANSFORMER	1
107D183H69	RESISTOR .5W, 350V, 3K +/-10% OHMS	1
1A96940H26	CONTACT, MOVING ARCING	1
1A97382H35	FILLER STRIPS	1
1C40570H03	REPLACEMENT HEAD (LIMIT SWITCH)	1
2120F13G03	BRACKET ASSEMBLY	1
2534B39H01	ADJUSTABLE PRESSURE	1
268P052G01	PC BOARD, BRUSH DETE	1
3022650H08	POWER SUPPLY FOR MODICON M340 115/240	1
3927A08H42	RESISTOR 130 OHMS 1W 5% TYPE RC32	1
3A63921H63	RESISTOR 1K OHM 2W +/-5% TOL TYPE RC42	1
3A64769H48	TOP RELEASE ROD	1
3D15403G03	RAIL CONNECTIONS (POWER)	1
3D51808G19	TERM PANEL A SW CKT ISOLATION	1
404P349H04	BUSHING .750 INSULATING	1
404P491H27	AUDIO MATCHING TRANSFORMER	1
404P506H28	SWITCH BRACKET MTG SPDT	1
404P761119	CABLE, 2M SINGLE MODE FIBEROPTIC SC DUP	1
4078B89H01	TEMP LEVEL SWITCH	1
409P114H48	CASE W/WHEELS 29"L X 18"W X 10.5D	1
409P987H83	GIGABIT TRANSCEIVER SFP 1000BASE-TX	1

Alstom Reference Number	Description	Quantity
409P990H17	POWER PANEL	1
4678C82H04	PIN 2.25) OF .750 DIA ST STL	1
5580B05G01	RESISTOR ASSY 11K 1W	1
6969C56H02	MTG KIT (AD-4)	1
6D58097H01	MOTOR, 2-SHAFT (575 VOLT)	1
6D58509G05	ORS HARNESS	1
DOM00161	MONITOR, 17" GATEWAY	1
107D836H05	CAM	1
1D62753G02	LOCK PIN SEAT ASSEMBLY	1
2559B24G01	TEMPERATURE SENSOR	1
404P437H83	TENSION SPRING	1
404P513H16	POTENTIOMETER 8 OHM	1
404P645H22	CONNECTOR	1
404P694H09	LENS - RED	1
404P703H69	TOGGLE SWITCH	1
5586B74H06	PL, BLK ASSY, 160 POSN W/CTR FSTNR, MSER	1
5627B15G01	OUTLET COVER ASSEMBLY	1
5D73087G03	PC BOARD, FRANKFURT WAYSIDE STATIC	1
6973C66G09	VARISTOR ASSEMBLY	1
6D58130H20	CIRCUIT BREAKER - CF (3 AMP) BACK MOUNT	1
6D58130H27	PC BOARD, CONTROL	1
7080D07H09	STINGER PLUG W/40' CABLE	1
DOM00704	POWER SUPPLY, 80+ BRONZE PS/2 SPS 400 ATX	1
1252A55H29	RESISTOR 301K OHMS .250W 1% NA60 (SOT)	1
1A97321H43	CONTROL RELAY	1
1C41197H01	DOOR THRESHOLD SEALS	1
1D48167G01	CONNECTING BLOCK	1
2263D99G01	CAPACITOR MOUNTING ANGLE AND ASSEMBLY	1
2531F66G03	TRIP STOP ASSEMBLY (L.H.)	1
2560B39G01	SAFETY SHUT-OFF VALVE ASSEMBLY	1
3022650H18	DISCRETE AC/DC OUTPUT, 8 RELAYS, 24 VDC	1
3968C17H04	PUSHBUTTON S.P.D.T.	1
3D51889G02	RESISTOR ASSEMBLY	1
404P103H08	CONNECTOR 25P MALE	1
404P112H55	POWER SUPPLY DC-DC CONVERTER	1
404P348H09	CONTACT BLOCK	1
404P481H02	RELAY	1
404P598H04	POTENTIOMETER 10K OHM 3 WATTS	1
409P175H07	PHOTO SENSOR	1
4679C75G05	HYDRAULIC HOSE ASSY.	1
577B061H14	SILICON CONTROLLED RECTIFIER (THYRISTOR)	1
5826C38H02	TRANSFORMER ENCAPULATED	1
5D72346H13	CIRCUIT BREAKER (13 AMPS) OHCB	1
5D73069G01	PC BOARD, FRANKFURT TX/RX SERVER	1
5D73087G02	PC BOARD, FRANKFURT WAYSIDE STATIC	1
5D73087G05	PC BOARD, FRANKFURT WAYSIDE STATIC	1
6D58509G01	ORS HARNESS	1

Alstom Reference Number	Description	Quantity
DOM00589	POWER BRUSHES 8" WIRE (FOR GRINDER)	1
1911F98G03	FILTER HOUSING (FRAME)	1
1A97321H26	CELL SWITCH	1
1C40570H02	REPLACEMENT BLOCK (CENTER)	1
1C42693H01	MOUNTING PLATE	1
2254F05H01	ELECTRIC COUPLER ASS	1
3038856H01	UNIVERSAL MOUNTING BRACKET	1
3160088H10	Circuit BRKR #POLE 10A 600VAC DIN	1
3973C86H07	KEY SWITCH	1
3D99510H10	SPRING, COMPRESSION, 21.23) .072 DIA STL	1
404P391H15	RECEPTACLE	1
404P394H01	MOUSE INTELLIPOINT VERSION 2.0 COMBO	1
404P437H26	RELAY BASE	1
404P649H28	FAN 24 VDC BALLBEARING 35CFM	1
409P983139	TRANSCEIVER GIGABIT LX/LH SFP OPTICS	1
409P990H16	POWER PANEL	1
4766A46H01	TRANSFORMER	1
4785A19H01	TX/RX MULTITAP	1
5D72542H20	TEE TYPE CONNECTION	1
5D73088G01	PC BOARD, FRANKFURT WAYSIDE SYNCHRONIZER	1
5D74294H01	MOTOR 115VAC 60HZ (TRIP STOP ASSY)	1
5D74330G01	FLAG ASSEMBLY, TRIP ASSEMBLY	1
6960C22H01	CHOKE LOW INDUCTANCE DUAL	1
6D58130H21	CIRCUIT BREAKER - OH (20 AMP) BACK MOUNT	1
8595C53G01	TERMINAL BLOCK 42 WIRES	1
8595C53H01	MOUNTING RAIL	1
8596C31G02	WHEELCHAIR SIGN ASSEMBLY	1
8840D66G02	LINK SUPPORT SHAFT	1
DOM00616	VALVE PLATE KIT	1
DOM00698	HP 711 29-ML, CYAN, 3/PK	1
1A97382H50	FUSES (HEAVY DUTY)	1
1A97382H93	SPRING RELEASE ASSY.	1
1C46292G01	RS232 TO RS485 CONVERTER	1
1D48167G04	CONNECTING BLOCK	1
2531F66G04	TRIP STOP ASSEMBLY(MANUAL OPERATED L.H.)	1
3022060H08	COIL, EVAPORATOR	1
3022650H01	MODICON M340 PROCESSOR	1
3036961G01	MOUNTING PLATE ASSEMBLY	1
3973C13H01	CHOKE	1
404P157H65	RESISTOR 50 WATT 15.0 OHM 1%	1
404P170H75	CONNECTOR 75 PIN RECEPTACLE	1
404P595H90	BREAKER 1 POLE 277 VAC 70A	1
404P694H07	LENS - GREEN	1
404P694H10	LENS - WHITE	1
404P768H06	PROTECH, PCB, MIXER, 677B	1
409P023H03	SAFETY SWITCH	1
409P040H12	#CONTACT KIT MODEL K	1

Alstom Reference Number	Description	Quantity
409P165H08	CONNECTOR 3 PIN PLUG 14-14 AWG	1
409P196H44	PROTECH, PCB, AMP, QUAD 664 B	1
409P199323	CISCO 10G BASE SFP+ MODULE 1310-NM	1
4677C95G03	VARISTOR ASSEMBLY	1
4677C95G11	VARISTOR ASSEMBLY	1
4776A81H01	TRANSFORMER	1
5579B40H01	FAN, D.C. BRUSHLESS	1
5D73222G02	PWR SUPPLY ASSY (24V)	1
5D73434G01	PC BOARD, RF INTERFACE (CENTRAL)	1
5D73461G02	PC BOARD, DC SOURCE OUTPUT ASSEMBLY	1
6962C13G03	MANUAL ENABLE SWITCH ASSEMBLY	1
6D56575H24	RELAY BASE, OVERLOAD	1
6D56576H36	SENSOR-RETURN AIR (NOT SHOWN)	1
7080D07H17	PLUG	1
DOM00337	FLEXPPOINT 100TX/FX FIBRE OPTIC CONVERTER	1
DOM00440	PAPER,BLUE,8.5X11,COPY/LASERPRINT,20#	1
1A96940H22	RELAY, ANTI-PUMP	1
1A97382H08	BKR FRAME (WAYSIDE CIRCUIT BREAKER)	1
1A97382H09	TRIP UNIT	1
1A97382H92	SHUNT TRIP (ASSY.)	1
1C40495G02	RESISTOR ASSEMBLY	1
1C40570G02	SWITCH	1
1C40811H64	RECTIFIER ASS'Y	1
1C40824H01	SEAL DRIVER 6.69) 4.38 DIA ROD ALUM	1
1C45912H01	TEE FITTING (ALUMINUM)	1
1D48167G02	CONNECTING BLOCK	1
1D62758H07	SHIM 7.50 X 1.50).120 THK SST	1
226P572G06	PC BOARD, TX/RX ASSEMBLY	1
2970A71H24	RELAY CONTROL, 3-POLE	1
3D99727H01	MOTOR 2 HP-230/460/3	1
404P500H08	AUDIO DISTRIBUTION AMPLIFIER MODULE	1
404P595H84	BREAKER 1 POLE 277 VAC 15A	1
404P690H04	ROD END LEFT HAND	1
404P694H11	LENS - BLUE	1
404P709H11	TRANSMITTER CARTRIDGE	1
404P840H01	PRESSURE GAUGE	1
4078B64H02	KEY (#L1315)	1
409P025H01	OPENING SPRING	1
409P126H27	GREEN LENS (8" GLASS)	1
409P980H29	SOLENOID VALVE (D3W2CNYC)	1
4766A18G07	VARISTOR ASSEMBLY	1
5578B73G01	ILK CONNECTOR ASSEMBLY RECPT	1
5D72503H10	SHAFT EXTENSION	1
5D72505G02	EVAPORATOR BLOWER ASS'Y	1
5D73028G01	PC BOARD, R110 CONVERTER MOTHERBD ASS'Y	1
5D73087G01	PC BOARD, FRANKFURT WAYSIDE STATIC	1
5D73461G03	PC BOARD, DC SOURCE OUTPUT	1

Alstom Reference Number	Description	Quantity
6D56575H19	CIRCUIT BREAKER - COMPRESSOR	1
70210BC725	1.5" CASTLE NUT	1
8585C20H01	BRACKET 3.00 X 4.389 .188 STL	1
8596C64H02	BRACKET 5.06 X 2.12) .1196 THK STL	1
DOM00121	GRINDING WHEEL 8"X1"X5/8"	1
DOM00489	GROUND SWITCH OPERATING MECHANISM	1
1252A80H01	RESISTOR 1K 3/4W 1% NA70	1
1A97382H58	I/O DATA PLUS UNIT	1
1A97382H65	RELAY, BF	1
1A97382H72	RELAY (CONTROL RELAY 4POLE 4NC)	1
1B37040G01	PHOTO SENSOR LOGIC CARD	1
1D48167G03	CONNECTING BLOCK	1
2255F39G01	COMMUTATOR RESURFACING TOOL ASSEMBLY	1
227D928H22	RESISTOR 50 +/-5% OHMS 800V 5 WATT	1
404P122H02	DIODE IN4148JANTX	1
404P437H90	ELECT. SWITCH ASSEMBLY	1
404P438H09	DIODE	1
404P480H04	CONTACTOR	1
404P683H08	THYRISTOR 200V 70A	1
404P685H02	LIGHT INDICATING (GREEN)	1
404P703H45	TOGGLE SWITCH SPDT	1
404P703H72	SWITCH SUB MINIATURE PUSH BUTTON	1
409P059H01	CONNECTOR (28 PIN PLUG)	1
409P126H28	YELLOW ARROW LENS (8" GLASS)	1
409P248118	KVM EXTENDER TRANSMITTER HDMI,USB,FIBER	1
409P248119	KVM EXTENDER RECEIVER HDMI,USB,FIBER	1
4898B19G01	LIGHTNING ARRESTER ASSEMBLY	1
5621B19G01	AXLE ASSEMBLY	1
5D73087G04	PC BOARD, FRANKFURT WAYSIDE STATIC	1
5D74330H04	ADHESIVE (TRIP STOP)	1
6D57605H01	TIMING CRADLE POWER SUPPLY, S/N 161004-402	1
6D58130H19	CIRCUIT BREAKER - RCM(10 AMP) BACK MOUNT	1
DOM00323	LIMIT SWITCH, TOP PLUNGER (EMERG DOORS)	1
DOM00654	ARG 75% CO2 25% 391 CUFT,.2.2UN 1956	1
DOM00696	HP 711 80ML (BLACK)	1
DOM00715	ELBOW 1.00 STL	1
1253A55H24	DIODE, ZENER IN5246B	1
1A97382103	EZC TYPE RED INDICATING LIGHT ASSEMBLY	1
1A97382H04	CONTACT	1
1B40194G06	DIODE ASSEMBLY	1
1B40194G07	VOLTAGE REGULATOR ASSEMBLY	1
1C40468H05	CAM .63) 7.00 DIA	1
1C40495G03	RESISTOR ASSEMBLY	1
1C43659H01	MTG BRACKET .063 THK ALUM	1
1C45911H01	CROSS FITTING (ALUMINUM)	1
1D62758H08	SHIM PACK 7.50 X 1.75).062 THK SST	1
2254F05H02	MECHANICAL COUPLER ASSEMBLY	1

Alstom Reference Number	Description	Quantity
226P572G11	PC BOARD, TX/RX ASSEMBLY	1
3020357H36	LED 24VDC - Yellow	1
3D99727H20	MOTOR 2HP 230/460 3HP w/MTO	1
404P500H09	MICROPHONE PREAMPLIFIER MODULE	1
404P532H48	LEVER	1
404P554H22	FUSE	1
404P699H01	SOLENOID VALVE	1
409P196H42	MODEL 858 CARDFILE W/POWER SUPPLY	1
4677C95G28	VARISTOR SUPPRESSION DEVICE	1
4678C76H02	CAM BOX CRANK ARM	1
4766A18G08	VARISTOR ASSEMBLY	1
4766A40G06	DIODE ASSEMBLY	1
5D73062G01	PC BOARD, POWER SUPPLY ASSEMBLY	1
5D74330G02	FLAG ASSEMBLY, TRIP STOP	1
5D76068G06	RAIL CONNECTIONS (POWER EXPANSION)	1
6D57607H01	GEALOC FIELD POWER SUPPLY, S/N 160916-401	1
6D58130H22	CIRCUIT BREAKER - BF (5 AMP) BACK MOUNT	1
6D58509G03	ORS HARNESS	1
8619A52G01	TEST/JUMPER PLUG ASSEMBLY	1
DOM00687	GREASE (RONEX MP) 35LB BUCKET	1
DOM00699	HP 711 29-ML, YELLOW, 3/PK	1
1253A92H10	TERMINAL, STANDOFF	1
1503F92H07	T.S. ANTENNA MOUNTING BRCKT FRONT	1
1A97104H46	REENTRANT HORN LOUDSPEAKER	1
1A97321H63	PUSHBUTTON	1
1A97382102	EZC TYPE GREEN INDICATING LAMP ASSEMBLY	1
1A97382H62	RELAY	1
1B40194G08	RESISTOR ASSEMBLY	1
1D62556G01	END INTERIOR EQUIPMENT COVER	1
1D62740G02	PIN GUIDE HOUSING ASSEMBLY	1
1D62751H01	3/4" EXTENSION ROD	1
1D62758H03	PIN 4.58) 1.000 HEX STL BAR	1
1D62795G06	TERMINAL BLOCK ASSEMBLY	1
226P586G01	PC BOARD, SCANNER INTERFACE II ASSEMBLY	1
3005900G01	PC BOARD, VITAL SERIAL COMM ASSEMBLY	1
3037002G01	MONITOR MOUNTING PLATE ASSEMBLY	1
3927A03H21	CAPACITOR 1.0 UF 100 V +-5%	1
3927A08H56	RESISTOR 510 OHMS 1W 5% TYPE RC 32	1
3D15403G08	RAIL CONNECTIONS (SIGNAL EXPANSION)	1
3D15968H01	CONTROLLER MODEL 7K	1
3D99727H12	LEVEL GAUGE	1
404P345H41	RELAY ASSEMBLY 19' DIN RAIL	1
404P531H57	KEYSWITCH 2 POS	1
404P595H80	BREAKER, MAGNETIC HYDRAULIC 5.0 AMPS	1
404P810H03	PRESSURE RELIEF VALVE	1
404P810H07	MANUAL OVERDRIVE HANDLE ASSY	1
409P119H91	POWER SUPPLY ASSEMBLY (#S10833)	1

Alstom Reference Number	Description	Quantity
409P175H55	SENSOR PHOTO OPTIC HEAD	1
409P196H65	MICROPHONE CIRCUIT,1IN/2 OUT MIC AMP X2	1
409P199244	SWITCH,RS20 8 PORT ETHERNET	1
5574C12H06	CYLINDER W/ LIPSEAL (LOCKPIN)	1
5574C37G02	BRACKET ASSY,SW ACTIVATOR	1
5621B28G01	RESISTOR ASSEMBLY	1
5D73299G01	PC BOARD, RADIO RELAY I/O ASSY	1
5D73461G04	PC BOARD, DC SOURCE OUTPUT	1
5D73462G05	PC BOARD, DC SINK OUTPUT ASSEMBLY	1
000SWD08000103SE	MOUNTING PLATE ASSY	1
1A96940H17	CONTACT, STAT. ARCING R.H.	1
1A97382H49	OPEN/CLOSE INDICATOR/I.L. CAM	1
1A97382H52	LINEAR ACTUATOR	1
1A97382H60	TRANSFORMER	1
1A97382H73	RELAY, GFR (GROUND FAULT RELAY)	1
1C40466G01	DISK (TRIP STOP)	1
1C40811H23	RES ADJ 100W 10% 5 OHMS	1
1C42604G01	AIR COMPRESSOR CONNECTOR ASSEMBLY	1
1D62751H02	PIN 1.42) OF .50 DIA SST	1
3046142H59	LP PISTON W/ PIN	1
404P157H63	RESISTOR 50 WATT 33.2 OHM 1%	1
404P764H04	RESISTOR 10 OHM 100W	1
404P764H07	RESISTOR 5 OHM 100W	1
409P059H02	SOCKET BLOCK 28 PIN	1
409P157H57	TERMINAL LUG, M8 STUD, 6 AWG, 45 DEGEES	1
6963C75G02	STRAPHANGER	1
8585C12H01	BRACKET 7.00 X 11.482 .25 STL	1
DOM00315	AMBER LENS (MSV)	1
DOM00506	LIFT TABLE CYLINDER REPAIR KIT	1
DOM00697	HP 711 29-ML, MAGENTA, 3/PK	1
1120F34G02	LINK SUPPORT POST ASSEMBLY	1
1C41267H03	STAN POST 1.50 OD X 1.33 ID SST	1
1D62758H04	PIN 4.00) 1.125 HEX STL BAR	1
1D62758H09	SHIM PACK 7.50 X 1.75).120 THK SST	1
3022650H24	ETHERNET NETWORK MODULE	1
3046142H09	LP INTAKE CAP SEAL	1
3D99914G01	LOW SPEED RAMP ASSEMBLY	1
404P157H64	RESISTOR 50 WATT 16.5 OHM 1%	1
404P501H18	AUDIO AMPLIFIER 150W, 70V	1
404P595H86	BREAKER 1 POLE 277 VAL 25A	1
404P681H30	FLANGE BEARING .502 ID .691 OD .75 LG	1
404P732H01	ANTENNA	1
4078B09G01	RESISTOR ASSEMBLY, 100 OHM	1
409P025H02	OPENING SPRING	1
409P071H08	SIGNAL LIGHT, 8 INCH, LED, GREEN, 120V	1
409P175H56	DPDT RELAY BASE	1
409P196H47	PROTECH, PCB, 10 WATT AMP, 684A	1

Alstom Reference Number	Description	Quantity
4767A86H12	BALL VALVE	1
5574C39G01	DOOR SHROUD L.H.	1
5D73069G02	PC BOARD, FRANKFURT TX/RX SERVER	1
5D73338G02	PC BOARD, DIGITAL OUTPUT ASSEMBLY (#2)	1
5D73462G03	PC BOARD, DC SINK OUTPUT ASSEMBLY	1
6971C43H07	BOX-STAINLESS STEEL	1
8597C58G01	CAPACITOR ASSEMBLY	1
DOM00122	HEADLAMP 12 VOLT SEALED BEAM (FOR MSV)	1
DOM00307	FILTER RING (DAYTON WET/DRY VAC)	1
1253A10H04	CAPACITOR 10 UF 35 V 20%	1
1253A50H03	DIODE MR831	1
1A96940H16	ARCING CONTACT LH	1
1D62677G02	PIVOT BEARING SHAFT	1
1D62677H03	PIVOT SHIM 8.00 X 4.00).125 THK SST	1
1D62745H02	ROLLER PLATE 58.75 X 8.75) .25 STL	1
2263D99G02	CAPACITOR ASSEMBLY	1
2557A08H02	CONNECTOR, 104 PIN	1
3012076H13	SNAP RING, SUN GEAR RET - NEW STYLE	1
3022650H13	AC INPUT, 120 VAC, 20 POINT TEAM BLOCK	1
404P318H05	TEE, MALE PIPE (2030-4-6S)	1
404P410H08	CONNECTOR	1
404P595H87	PIVOT SWITCH BREAKER	1
404P708H59	POWER SUPPLY 120VAC TO 5V,12V,-12V, 24VD	1
404P830141	ETHERNET CABLE - 6 FEET	1
4078B16H01	VOLTMETER	1
409P071H09	SIGNAL LIGHT, 8 INCH, LED, RED, 120V	1
4894B77157	PRESSURE GAUGE (500-2500PSI)	1
5D73462G02	PC BOARD, DC SINK OUTPUT ASSEMBLY	1
5D80233H19	ENCODER EXTENSION HARNESS	1
8584C27G04	HYDRAULIC HOSE ASSEMBLY	1
DOM00300	RED GLASS GLOBE, 100 WATT SIZE	1
DOM00314	TUBE, FLASH (STROBE FOR FESTOON WARNING)	1
1075F52G01	MOUNTING BASE (CARRIER)	1
1A97382H05	SWITCH	1
1A97382H56	RELAY, TEMPERATURE	1
1B40194G09	LED ASSEMBLY	1
1D62758H05	CONNECTING ROD	1
2271D38G03	SPEAKER/MIC PANEL ASSEMBLY	1
3006418G04	AUDIO CONTROL PANEL ASSEMBLY	1
3927A08H71	RESISTOR	1
3D15403G01	RAIL CONNECTIONS (HARD GROUND)	1
404P348H08	CONTACT BLOCK	1
404P391H13	RECEPTACLE (SWITCH SOCKET OUTLET)	1
404P531H05	SWITCH 125VAC	1
404P547H31	SEAL NYLON BRUSH (87" LONG)	1
404P703H01	TOGGLE SWITCH 20 AMP 125 VOLT	1
404P716H35	6 FT COILED EXTENSION CABLE	1

Alstom Reference Number	Description	Quantity
4078B08G01	CAPACITOR ASSY	1
409P025H04	SPRING	1
409P126H26	RED LENS (8" GLASS)	1
409P126H29	YELLOW LENS (8" GLASS)	1
4727A37H01	BOLT .625-11 X 2.00 HEX STL	1
5621B28G02	DIODE ASSEMBLY	1
5624B12H01	LEVER 1)	1
5630B48G01	MICROPHONE ASS'Y	1
5D73461G05	PC BOARD, DC SOURCE OUTPUT	1
652A073H14	CABLE GRIP 1.125-1.250 1.25 PIPE THD	1
6971C67H02	BREAKER 3 POLE, 600 VAC, 15 AMP	1
6D57606H01	GEALOC 4 X 24 VDC POWER SUPPLY, S/N 170120-405	1
DOM00242	HEADLAMP 12V HIGH/LOW BEAM(FRONT OF MSV)	1
DOM00254	LENS, CLEAR (CLEAR GLASS GLOBE)	1
DOM00711	" BFR " RELAY	1
404P443H16	RELAY (GEN ASSY CAR LOGIC RELAY MODULE)	1
404P789H01	RELAY (GEN ASSY CAR LOGIC RELAY MODULE)	1
4724A57H03	RELAY D.C. VOLT 24 V	1
2534B39H02	ADJUSTABLE PRESSURE SWITCH 604G11	1
5586B62H41	AIR CLEANER ASSEMBLY	1
5574C53G01	AIR COMPRESSOR SURGE TANK	1
404P437H85	AIR COUPLER SELF SEALING, (INHOUSE REBUILD)	1
3022060H06	AIR PRESURE SWITCH AFS477	1
1502F86G02	ANTENNA PROGRAM STOP	1
6963C26G01	ARM ASSEMBLY (LEVELING VALVE)	1
2120F13H04	BAR 3.00) 1.00 X .25 THK STL	1
404P564H04	BEARING	1
DOM00346	BK STENO,GREGG,80SH,GN 6'X9'PAD/GREEN	1
1C42633H01	BRACKET 13.25 X 9.25).50 THK POLYGLASS	1
1503F92H10	BRACKET 7.50 .125 X 1.50 STL	1
4227B59G01	CAM SHUNT	1
404P996H03	CHECK VALVE	1
3160088H39	CIRCUIT BREAKER 3POLE 10A 600VAC RAIL	1
409P245H58	CONNECTOR 2-SOCKET FEMALE	1
409P165H11	CONNECTOR 3 SOCKET RECEPTACLE 12-14 AWG	1
404P480H65	CONTACT KIT FOR 404P480H33	1
6D58095H33	CONTACT, AUXILIARY - TOP MOUNT	1
3022058H08	CONTACTOR A/C	1
3162373H21	CONTROL W/ POWER SUPPLY (DCU)	1
5586B62H62	COVER OIL PUMP	1
6D56060G01	DOOR OPERATOR L.H.	1
6D56059G01	DOOR OPERATOR R.H.	1
3022058H03	HIGH PRESSURE SWITCH	1
3046142H32	HP DIS VALVE PLUG	1
3046142H23	HP INT. HD SLEEVE	1
DOM00604	HP TONER CE255A BLK (CENTRAL, E-LAB & "C" CON)	1
404P290H73	IP Camera, AXIS M3113-R, POE, M12	1

Alstom Reference Number	Description	Quantity
8840D97H94	LENS CAP (COMPRESSOR SHUT OFF) - RED	1
DOM00615	LID-WILLIAMS VALVE REPAIR	1
4078B40H02	LINE/BRAKE SWITCH COIL	1
404P676H01	LOCK W/KEY (MAN. CONT.)	1
3046142H56	LP RING KIT	1
3046142H12	LP UNLOADER PLUNGER	1
2534B78H02	MANUAL VALVE FULL PORT	1
1C40811H02	MOTOR & GEAR HOUSING (L.H.)	1
1C40811H98	MOTOR & GEAR HOUSING (R.H.)	1
1C41821H02	MOUNTING KIT (AIR REGULATOR)	1
8589C64H70	OIL SLINGER	1
5D73434G02	PC BOARD, RF INTERFACE ASSEMBLY	3
DOM00689	PDS CONTACTOR (MAINT. SPURS)	1
409P237H16	PROTECTOR CAP-DRAFT GEAR	1
1C41830H16	PURGE VALVE ASSY(5004338)	1
DOM00650	REDUCER TEE 1 1/8 X 5/8 X 5/8	1
177A135G01	SHUNT ASSEMBLY	1
1653E29H02	SIDE MARKER LENS (LEFT HAND)	1
DOM00609	SIGHT GLASS - A/C COMPRESSOR	1
5574C40G01	SLIDE ASSEMBLY L. H.	1
5574C41G01	SLIDE ASSEMBLY R.H.	1
DOM00721	SOLDER-CONNECT FITTING FEMALE 1/2	1
DOM00719	SOLDER-CONNECT FITTING FEMALE SOCKET	1
5D72542H19	STEEL BASE VALVE	1
1074F75H46	STL PIPE 8.00) OF .493 ID .675 OD	1
3046142H73	SUPPORT, INTERCOOLER	1
3D15698G01	SWAY BAR ASSEMBLY	1
404P747H29	SWITCH SNAP ACTION	1
3022058H06	TCU-12 Controller Kuala Lumpur	1
3162373H01	THREE POSITION KEY SWITCH ASSY	1
4078B51H01	THYRISTOR	1
3014777H09	TPMS RECEIVER WO/FLANGE	1
5D72346H15	TRANSFORMER	1
3926A89H01	TRANSFORMER SIGNAL OR PULSE	1
1A97382H59	TRANSFORMER STEP DOWN 600/120V	1
5D75518G01	UPPER SIDE SEAL (LEFT)	1
5D74716H08	VALVE - SERVICE	1
3925A87H02	VALVE REPAIR KIT (FOR 3925A87H01)	1
3925A87H01	VALVE, PRESSURE HOLDING	1
409P129H65	VALVE, SERVICE KIT	1
1C40811H63	VARISTOR ASSY.	1
1D63190G09	VARISTOR SUPPRESSION DEVICE	1
8368D84H24	VEHICLE GLASS (CORNER GLASS)	1
8368D84H25	VEHICLE GLASS (WINDSHIELD CARS 001-016)	1
8593C13H03	WIRE SAFETY .032 DIA SST	1
DOM00665	200 AMP 3POLE BREAKER COMPLETE	1
1912F43G15	A & C - POWER R/H (1 END)	1

Alstom Reference Number	Description	Quantity
404P595H09	AB BREAKER 20 AMP	1
1C41830H01	AD-9 AIR DRYER (065224)	1
3005738G02	ADAPTOR,FUSE HOLDER	1
3925A66H05	AIR CHECK VALVE	1
409P129H61	AIR CONDITIONER BREAKER 15A	1
404P946H44	AMMETER,DC,0-500,AMPERES,2.50"	1
1503F92G02	ANTENNA MOUNTING BRACKET	1
6D58050H01	ATO 5 OUTPUT-PWR SUPPLY ASSY, S/N 161101-403	1
409P177H28	AUDIO AMPLIFIER UNIT	1
1C43386G02	AUDIO CONTROL PANEL ASSEMBLY	1
1912F43G16	B - POWER R/H (2 END)	1
1A97321H44	B.F. CONTROL RELAY, 7 POLE	1
1912F43G14	B-POWER L/H (1 END)	1
6966C88H01	BRACKET 2.00) .375 X 2.00 X 3.00 STL	1
1503F92H09	BRACKET 5.56 .188 X 1.50 STL	1
3046142H14	CAP	1
4078B08G02	CAPACITOR ASSEMBLY	1
DOM00239	CHARGING HOSE,BLACK 5'	1
404P480H33	CONTACTOR	1
2257F35G01	CONTACTOR ASSEMBLY TYPE UMB-9	1
1A97321H48	CONTROL RELAY	1
5D77001G02	CORNER HAND RAIL ASS	1
5586B62H43	CRANKSHAFT	1
652A673H01	CURRENT TRANSDUCER	1
3011226G01	CX-100 DRIVESHAFT ASSEMBLY	1
5D73056G01	DENVER BRAKE/PROPULSION	1
DOM00413	DIVIDERS,5-TAB,MULTICOLOR	1
404P700H01	DOUBLE CHECK VALVE	1
652A103H02	DRAIN VALVE	1
2560B11H11	DUST SEAL (DRIVE SHAFT)	1
5D72504H01	EVAPORATOR COIL	1
404P649H02	FILTER	1
6974C98G01	FRESH AIR FILTER	1
3D15257G01	GATE CONTROL TRANSFORMER	1
3972C53G01	GATE LEAD PANEL	1
3D99727H02	GEAR PUMP	1
3012076H14	GEAR, PLANETARY SUN - NEW STYLE	1
3D51770G01	GENL ASSY-EMER/TS AM	1
5574C31G03	GUIDE TIRE ASSEMBLY(INHOUSE)	1
3046142H35	HIGH PRESSURE CYLINDER HEAD	1
2256F54G03	HIGH SPEED RAMP ASSY. L.H.	1
2256F54G04	HIGH SPEED RAMP ASSY. R.H.	1
3046142H02	HP CYLINDER	1
3046142H22	HPI VALVE CAP	1
5827C89H04	HYDRAULIC CYLINDER -- BEAM POSITION	1
8584C27G01	HYDRAULIC HOSE ASSEMBLY	1
4679C75G01	HYDRAULIC HOSE ASSEMBLY	1

Alstom Reference Number	Description	Quantity
3D99727G01	HYDRAULIC POWER UNIT	1
3046142H66	INTERCOOLER ASSEMBLY	1
3019442G01	KEYSWITCH ASSEMBLY	1
2532B34G02	LEFT HAND BALL SOCKET ASSEMBLY	1
000SWD08000118SE	LOCK DRIVER BOARD	1
DOM00002	LOCOMOTIVE CLEANER 55 GAL	1
3046142H20	LOW PRESSURE CYLINDER HEAD	1
409P241H04	LOWER PLATE	1
3046142H05	LP CYLINDER	1
3046142H16	LP DIS HD SLEEVE	1
5623B68H01	MAGNET (TRIP STOP)	1
55B3909G40	MAGNET VALVE ASSEMBLY	1
4678C53G02	MANUAL CONT & HANDSET ACCESS DOOR	1
1503F80G04	MANUAL CONTROLLER AS	1
2534B78H03	MANUAL VALVE	1
409P199242	MODULE, POWER OVER ETHERNET	1
1074F75H44	MOTOR	1
3019568H03	MOTOR,575 VAC,60 HZ,4.5KW	1
404P808H38	MOUNTING BRACKET	1
3925A91H06	MOUNTING BRACKET	1
1502F84G01	MOUNTING BRACKET 1)	1
3019380G01	MTG BRACKET FIBERGLASS MOLD	1
1A97382H10	MTR OPER (USE W/ 1A97382H08 WAYSIDE CB)	1
DOM00638	NITROGEN,308 CF/CYL,1066	1
000SWD08000062	NON-VITAL HARNESS	1
3162373H16	NOSING BACKPLATE	1
6D58509G02	ORS HARNESS	1
4679C05G01	PANEL ASSEMBLY SUMMARY MONITOR	1
5D73065G01	PC BOARD, MANUAL CONTROL II	1
267P870G07	PC BOARD, SPEED CODE CODE RECEIVER ASSEMBLY	1
5D74649G01	PHASE VOLTAGE RELAY	1
5D77612G01	POWER FEED ASSEMBLY	1
2127F14G01	PREAMP BOX ASSY.	1
1503F92G03	PROGRAM STOP ANTENNA BRACKET	1
3162373H15	PUSH ROD ASSEMBLY	1
3973C86H06	PUSHBUTTON	1
DOM00251	PUSHBUTTON, 22MM CHROME MUSHROOM RED	1
5D76068G07	RAIL CONNECTIONS (HARD GROUND)	1
2532B34G01	RIGHT HAND BALL SOCKET ASSEMBLY	1
404P336H05	ROTARY SWITCH	1
404P547H06	SHAFT SEAL	1
1653E29H01	SIDE MARKER LENS (RIGHT HAND)	1
409P176H18	SMOKE DETECTOR BASE (END)	1
404P810H06	SOLENOID VALVE	1
404P810H05	SOLENOID VALVE	1
404P810H04	SOLENOID VALVE	1
8589C64H46	SPIDER PLANET GEAR	1

Alstom Reference Number	Description	Quantity
1B37249H01	SUPPORT 8.75) .25 X 1.00 X 1.00 STL ANG	1
1C40811H19	SWITCH, SNAP ACTION (56410212)	1
4679C18H01	TERM BOARD 9.00 X 6.00 .375 GL POLY SHT	1
8590C80G01	TERMINAL BLOCK ASSEMBLY	1
409P236H91	TERMINAL BLOCK ASSY 5 POS	1
404P564H03	THRUST BEARING 3.00 DIA. BORE	1
6D56575H18	TRANSFORMER	1
3927A22H01	TRANSFORMER	1
4768A30H01	TRANSFORMER	1
4776A80H01	TRANSFORMER	1
4678C64G01	TRANSFORMER & POTENTIOMETER PANEL ASSY	1
3973C14H01	TRANSFORMER 575/36/36	1
2528F96G03	TRANSPORTATION MOTOR	1
2528F96G04	TRANSPORTATION MOTOR (CARS 28-31)	1
404P708H62	TRIPLE OUTPUT RACK MOUNT POWER SUPPLY	1
3015509H03	UNCOUPLING CYLINDER, CPL.	1
409P241H03	UPPER PLATE	1
5D74716H05	VALVE - RELIEF	1
4766A18G01	VARISTOR ASSEMBLY	1
5D76263H28	VEHICLE RADIO	1
5D72542H17	VERTICAL VALVE	1
5D72542H18	VERTICAL VALVE (PURGE)	1
3D15597H01	WHEEL SPACER 1) MACHINED FROM CASTING	1
1C40495G07	ZENER DIODE ASSY (1N 5352)	1

EXHIBIT C

**CITY AND COUNTY OF DENVER
INSURANCE REQUIREMENTS FOR DEPARTMENT OF AVIATION
GOODS AND SERVICES AGREEMENT**

A. Certificate Holder and Submission Instructions

Contractor must provide a Certificate of Insurance as follows:

Certificate Holder: CITY AND COUNTY OF DENVER
Denver International Airport
8500 Peña Boulevard
Denver CO 80249
Attn/Submit to: contractadmininvoices@flydenver.com

- ACORD Form (or equivalent) certificate is required.
- Contractor must be evidenced as a Named Insured party.
- Electronic submission only, hard copy documents will not be accepted.
- Reference on the certificate must include the City-assigned Contract Number, if applicable.

The City may at any time modify submission requirements, including the use of third-party software and/or services, which may include an additional fee to the Contractor.

B. Defined Terms

1. “Agreement” as used in this exhibit refers to the contractual agreement to which this exhibit is attached, irrespective of any other title or name it may otherwise have.
2. “Contractor” as used in this exhibit refers to the party contracting with the City and County of Denver pursuant to the attached Agreement.

C. Coverages and Limits

1. Commercial General Liability

Contractor shall maintain insurance coverage including bodily injury, property damage, personal injury, advertising injury, independent contractors, and products and completed operations in minimum limits of \$100,000,000 each occurrence, \$100,000,000 products and completed operations aggregate; if policy contains a general aggregate, a minimum limit of \$100,000,000 annual policy aggregate must be maintained.

- a. Coverage shall include Contractual Liability covering liability assumed under this Agreement (including defense costs assumed under contract) within the scope of coverages provided.
- b. Coverage shall include Mobile Equipment Liability, if used to perform services under this Agreement.
- c. If a “per location” policy aggregate is required, “location” shall mean the entire airport premises.

2. Business Automobile Liability

Contractor shall maintain a minimum limit of \$2,000,000 combined single limit each occurrence for bodily injury and property damage for all owned, leased, hired and/or non-owned vehicles used in performing services under this Agreement.

- a. If operating vehicles unescorted airside at DEN, a \$10,000,000 combined single limit each occurrence for bodily injury and property damage is required.
- b. If Contractor does not have blanket coverage on all owned and operated vehicles and will require unescorted airside driving privileges, then a schedule of insured vehicles (including year, make, model and VIN number) must be submitted with the Certificate of Insurance.

- c. If transporting waste, hazardous material, or regulated substances, Contractor shall carry a Broadened Pollution Endorsement and an MCS 90 endorsement on its policy.
 - d. If Contractor does not own any fleet vehicles and Contractor's owners, officers, directors, and/or employees use their personal vehicles to perform services under this Agreement, Contractor shall ensure that Personal Automobile Liability including a Business Use Endorsement is maintained by the vehicle owner, and if appropriate, Non-Owned Auto Liability by the Contractor. This provision does not apply to persons solely commuting to and from the airport.
 - e. If Contractor will be completing all services to DEN under this Agreement remotely and not be driving to locations under direction of the City to perform services this requirement is waived.
3. Workers' Compensation and Employer's Liability Insurance
Contractor shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits no less than \$100,000 per occurrence for each bodily injury claim, \$100,000 per occurrence for each bodily injury caused by disease claim, and \$500,000 aggregate for all bodily injuries caused by disease claims.
 - a. Colorado Workers' Compensation Act allows for certain, limited exemptions from Worker's Compensation insurance coverage requirements. It is the sole responsibility of the Contractor to determine their eligibility for providing this coverage, executing all required documentation with the State of Colorado, and obtaining all necessary approvals. Verification document(s) evidencing exemption status must be submitted with the Certificate of Insurance.
4. Contractors Pollution Liability:
Contractor shall maintain insurance covering work site operations that are conducted on DEN premises including project management and site supervision duties with a limit no less than \$1,000,000 each occurrence and \$2,000,000 annual policy aggregate for claims arising out of a pollution condition or site environmental condition.
 - a. Coverage shall include claims/losses for bodily injury, property damage including loss of use of damaged property, defense costs including costs and expenses incurred in the investigation, defense or settlement of claims, and cleanup cost for pollution conditions resulting from illicit abandonment, the discharge, dispersal, release, escape, migration or seepage of any solid, liquid, gaseous or thermal irritant, contaminant, or pollutant, including soil, silt, sedimentation, smoke, soot, vapors, fumes, acids, alkalis, chemicals, electromagnetic fields, hazardous substances, hazardous materials, waste materials, low level radioactive waste, mixed wastes, on, in, into, or upon land and structures thereupon, the atmosphere, surface water or groundwater on DEN premises.
 - b. Work site means a location where covered operations are being performed, including real property rented or leased from the City for the purpose of conducting covered operations.
5. Builder's Risk Insurance or Installation Floater:
During the duration of the construction, environmental remediation, or tenant buildout activity, Contractor shall provide, coverage on a Completed Value Replacement Cost Basis, including value of subsequent modifications, change orders, and cost of material supplied or installed by others, comprising total value of the entire project at the site. Such insurance shall:
 - a. apply from the time any covered property becomes the responsibility of the Contractor, and continue without interruption during construction, renovation, or installation, including any time during which the covered property is being transported to the construction installation site, or awaiting installation, whether on or off site;
 - b. be maintained until formal acceptance of the project by DEN or the placement of permanent property insurance coverage, whichever is later;
 - c. include interests of the City and if applicable, affiliated, or associate entities, the General Contractor, subcontractors, and sub-tier contractors in the project;

- d. be written on a Special Completed Value Covered Cause of Loss form and shall include theft, vandalism, malicious mischief, collapse, false-work, temporary buildings, transit, debris removal, demolition, increased cost of construction, flood (including water damage), earthquake, and if applicable, all below and above ground structures, piping, foundations including underground water and sewer mains, pilings including the ground on which the structure rests and excavation, backfilling, filling and grading;
- e. include a Beneficial Occupancy Clause, specifically permitting occupancy of the building during construction. Contractor shall take reasonable steps to obtain consent of the insurer and delete any provisions with regard to restrictions within any Occupancy Clauses within the Builder's Risk Policy; include Equipment Breakdown Coverage (a.k.a. Boiler & Machinery), if appropriate, which shall specifically cover insured equipment during installation and testing (including cold and hot testing).

6. Property Insurance

Contractor is solely responsible for any loss or damage to its real or business personal property located on DEN premises including, but not limited to, materials, tools, equipment, vehicles, furnishings, structures and personal property of its employees and subcontractors unless caused by the sole, gross negligence of the City. If Contractor carries property insurance on its property located on DEN premises, a waiver of subrogation as outlined in Section F will be required from its insurer.

7. Technology Errors and Omissions

Contractor shall maintain a minimum limit of \$10,000,000 per occurrence and \$10,000,000 annual policy aggregate including cyber liability, network security, privacy liability and product failure coverage.

- a. Coverage shall include, but not be limited to, liability arising from theft, dissemination and/or use of personal, private, confidential, information subject to a non-disclosure agreement, including information stored or transmitted, privacy or cyber laws, damage to or destruction of information, intentional and/or unintentional release of private information, alteration of information, extortion and network security, introduction of a computer virus into, or otherwise causing damage to, a customer's or third person's computer, computer system, network or similar computer related property and the data, software, and programs thereon, advertising injury, personal injury (including invasion of privacy) and intellectual property offenses related to internet.

8. Unmanned Aerial Vehicle (UAV) Liability:

If Contractor desires to use drones in any aspect of its work or presence on DEN premises, the following requirements must be met prior to commencing any drone operations:

- a. Express written permission must be granted by DEN.
- b. Express written permission must be granted by the Federal Aviation Administration (FAA).
- c. Drone equipment must be properly registered with the FAA.
- d. Drone operator(s) must be properly licensed by the FAA.
- e. Contractor must maintain UAV Liability including flight coverage, personal and advertising injury liability, and hired/non-owned UAV liability for its commercial drone operations with a limit no less than \$1,000,000 combined single limit each occurrence for bodily injury and property damage.

9. Excess/Umbrella Liability

Combination of primary and excess coverage may be used to achieve minimum required coverage limits. Excess/Umbrella policy(ies) must follow form of the primary policies with which they are related to provide the minimum limits and be verified as such on any submitted Certificate of Insurance.

D. Reference to Project and/or Contract

The City Project Name, Title of Agreement and/or Contract Number and description shall be noted on the Certificate of Insurance, if applicable.

E. Additional Insured

For all coverages required under this Agreement (excluding Workers' Compensation, Employer's Liability, Property, and Professional Liability, if required), Contractor's insurer(s) shall include the City and County of Denver, its elected and appointed officials, successors, agents, employees, and volunteers as Additional Insureds by policy endorsement.

F. Waiver of Subrogation

For all coverages required under this Agreement (excluding Professional Liability, if required), Contractor's insurer(s) shall waive subrogation rights against the City and County of Denver, its elected and appointed officials, successors, agents, employees, and volunteers by policy endorsement.

If Contractor will be completing all services to the City under this Agreement remotely and not be traveling to locations under direction of the City to perform services, this requirement is waived specific to Workers' Compensation coverage.

G. Notice of Material Change, Cancellation or Nonrenewal

Each certificate and related policy shall contain a valid provision requiring notification to the Certificate Holder in the event any of the required policies be canceled or non-renewed or reduction in required coverage before the expiration date thereof.

1. Such notice shall reference the DEN assigned contract number related to this Agreement.
2. Such notice shall be sent thirty (30) calendar days prior to such cancellation or non-renewal or reduction in required coverage unless due to non-payment of premiums for which notice shall be sent ten (10) calendar days prior.
3. If such written notice is unavailable from the insurer or afforded as outlined above, Contractor shall provide written notice of cancellation, non-renewal and any reduction in required coverage to the Certificate Holder within three (3) business days of receiving such notice by its insurer(s) and include documentation of the formal notice received from its insurer(s) as verification. Contractor shall replace cancelled or nonrenewed policies with no lapse in coverage and provide an updated Certificate of Insurance to DEN.
4. In the event any general aggregate or other aggregate limits are reduced below the required minimum per occurrence limits, Contractor will procure, at its own expense, coverage at the requirement minimum per occurrence limits. If Contractor cannot replenish coverage within ten (10) calendar days, it must notify the City immediately.

H. Cooperation

Contractor agrees to fully cooperate in connection with any investigation or inquiry and accept any formally tendered claim related to this Agreement, whether received from the City or its representative. Contractor's failure to fully cooperate may, as determined in the City's sole discretion, provide cause for default under the Agreement. The City understands acceptance of a tendered claim does not constitute acceptance of liability.

I. Additional Provisions

1. Deductibles or any type of retention are the sole responsibility of the Contractor.
2. Defense costs shall be in addition to the limits of liability. If this provision is unavailable that limitation must be evidenced on the Certificate of Insurance.
3. Coverage required may not contain an exclusion related to operations on airport premises.
4. A severability of interests or separation of insureds provision (no insured vs. insured exclusion) is included under all policies where Additional Insured status is required.
5. A provision that coverage is primary and non-contributory with other coverage or self-insurance maintained by the City under all policies where Additional Insured status is required.
6. If the Contractor procures or maintains insurance policies with coverages or limits beyond those stated herein, such greater policies will apply to their full effect and not be reduced or limited by the minimum requirements stated herein.

7. All policies shall be written on an occurrence form. If an occurrence form is unavailable or not industry norm for a given policy type, claims-made coverage will be accepted by the City provided the retroactive date is on or before the Agreement Effective Date or the first date when any goods or services were provided to the City, whichever is earlier, and continuous coverage will be maintained or an extended reporting period placed for three years (eight years for construction-related agreements) beginning at the time work under this Agreement is completed or the Agreement is terminated, whichever is later.
8. Certificates of Insurance must specify the issuing companies, policy numbers and policy periods for each required form of coverage. The certificates for each insurance policy are to be signed by an authorized representative and must be submitted to the City at the time Contractor signed this Agreement.
9. The insurance shall be underwritten by an insurer licensed or authorized to do business in the State of Colorado and rated by A.M. Best Company as A- VIII or better.
10. Certificate of Insurance and Related Endorsements: The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements shall not act as a waiver of Contractor's breach of this Agreement or of any of the City's rights or remedies under this Agreement. All coverage requirements shall be enforced unless waived or otherwise modified in writing by DEN Risk Management. Contractor is solely responsible for ensuring all formal policy endorsements are issued by their insurers to support the requirements.
11. The City shall have the right to verify, at any time, all coverage, information, or representations, and the insured and its insurance representatives shall promptly and fully cooperate in any such audit the City may elect to undertake including provision of copies of insurance policies upon request. In the case of such audit, the City may be subject to a non-disclosure agreement and/or redactions of policy information unrelated to verification of required coverage.
12. No material changes, modifications, or interlineations to required insurance coverage shall be allowed without the review and written approval of DEN Risk Management.
13. Contractor shall be responsible for ensuring the City is provided updated Certificate(s) of Insurance prior to each policy renewal.
14. Contractor's failure to maintain required insurance shall be the basis for immediate suspension and cause for termination of this Agreement, at the City's sole discretion and without penalty to the City.

J. Part 230 and the DEN Airport Rules and Regulations

If the minimum insurance requirements set forth herein differ from the equivalent types of insurance requirements in Part 230 of the DEN Airport Rules and Regulations, the greater and broader insurance requirements shall supersede those lesser requirements, unless expressly excepted in writing by DEN Risk Management. Part 230 applies to Contractor and its subcontractors of any tier.

K. Applicability of ROCIP Requirements

The City and County of Denver and Denver International Airport (hereinafter referred to collectively as "DEN") has arranged for certain construction activities at DEN to be insured under an Owner Controlled Insurance Program (OCIP) or a Rolling Owner Controlled Insurance Program (ROCIP) (hereinafter collectively referred to as "ROCIP"). A ROCIP is a single insurance program that insures DEN, the Contractor and subcontractors of any tier, and other designated parties (Enrolled Parties), for work performed at the Project Site. **Work contemplated under this Agreement by Contractor is NOT included under a ROCIP program. Contractor must provide its own insurance as specified in this Agreement. If Contractor is assigned work to be conducted within a ROCIP Project Site it must comply with the provisions of the DEN ROCIP Safety Manual, which is part of the Contract Documents and which is linked below to the most recent manual.**

[DEN ROCIP Safety Manual](#)

DEN is additionally providing links to the DEN ROCIP Insurance Manual and the DEN ROCIP Claims Guide solely for Contractor's information.

[DEN ROCIP Insurance Manual](#)

[DEN ROCIP Claims Guide](#)

Notice of Change to ROCIP: DEN reserves the right to assign work per task order to a specific ROCIP program, if more than one is active, as well as terminate or modify a DEN ROCIP or any portion thereof. Further, dependent on factors including, but not limited to, the official timing and duration of the ROCIP project for which services are provided or related to under this Agreement, DEN may need to transition from one ROCIP program to another and introduce corresponding requirements for contractors. DEN will provide Contractor notice of changes regarding a ROCIP program as applicable to Contractor's work or responsibilities under the ROCIP Safety Manual.

EXHIBIT D

City and County of Denver



TIMOTHY M. O'BRIEN, CPA
AUDITOR

201 West Colfax Avenue, #705 • Denver, Colorado 80202
(720) 913-5000 • Fax (720) 913-5253 • denvergov.org/auditor

TO: All Users of the City and County of Denver Prevailing Wage Schedules
FROM: Luis Osorio Jimenez, Prevailing Wage Administrator
DATE: July 18, 2024
SUBJECT: Latest Change to Prevailing Wage Schedules

The effective date for this publication will be, **Wednesday, July 17, 2024**, and applies to the City and County of Denver for **Building CONSTRUCTION PROJECTS** (does not include residential construction consisting of single family homes and apartments up to and including 4 stories) in accordance with the Denver Revised Municipal Code, Section 20-76(c).

General Wage Decision No. CO20240020
Superseded General Decision No. CO20230020
Modification No. 4
Publication Date: 7/17/2024
(9 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 (DOL). The employer and the individual apprentice must be registered in a program which has received prior approval by the DOL. 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.

In accordance to the amendment of Section 20-76, Division 3, Article IV, Chapter 20 of the Denver Revised Municipal Code enacted on Aug 21st, 2023, the Prevailing Wage Administrator is authorized to approve and adjust all Davis Bacon classifications under \$18.29 to comply with the city's minimum wage.

"General Decision Number: CO20240020 07/05/2024

Superseded General Decision Number: CO20230020

State: Colorado

Construction Type: Building

County: Denver County in Colorado.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered	. Executive Order 14026
into on or after January 30,	generally applies to the
2022, or the contract is	contract.
renewed or extended (e.g., an	. The contractor must pay
option is exercised) on or	all covered workers at
after January 30, 2022:	least \$18.29 per hour (or
	the applicable wage rate
	listed on this wage

| determination, if it is
| higher) for all hours
| spent performing on the
| contract in 2024.

|
| If the contract was awarded on |. Executive Order 13658
| or between January 1, 2015 and | generally applies to the
| January 29, 2022, and the | contract.
| contract is not renewed or |. The contractor must pay
| all | covered workers at least
| extended on or after January | \$18.29 per hour (or the
| 30, 2022: | applicable wage rate
| listed | on this wage
| determination, | if it is higher) for all
| hours spent performing on
| that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	02/23/2024
2	05/17/2024
3	05/31/2024
4	07/05/2024

* ASBE0028-002 07/01/2024

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR - MECHANICAL (Duct, Pipe & Mechanical System Insulation).....	\$ 34.98	16.47

CARP0055-002 05/01/2024

	Rates	Fringes
CARPENTER (Drywall Hanging Only).....	\$ 35.10	13.41

* CARP1607-001 06/01/2024

	Rates	Fringes
MILLWRIGHT.....	\$ 42.50	17.93

* ELEC0068-012 06/01/2024

	Rates	Fringes
ELECTRICIAN (Includes Low Voltage Wiring).....	\$ 44.95	19.08

ELEV0025-001 01/01/2024

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 54.20	37.89

FOOTNOTE:

a. Vacation: 6%/under 5 years based on regular hourly rate for all hours worked. 8%/over 5 years based on regular hourly rate for all hours worked.

b. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

ENGI0009-017 05/01/2023

	Rates	Fringes
POWER EQUIPMENT OPERATOR (Crane)		
141 tons and over.....	\$ 38.63	14.25
50 tons and under.....	\$ 34.77	14.25
51 to 90 tons.....	\$ 35.07	14.25
91 to 140 tons.....	\$ 36.27	14.25

IRON0024-009 11/01/2023

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 55.25	3.65

IRON0024-010 11/01/2023

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 55.25	3.65

PAIN0079-006 08/01/2022

	Rates	Fringes
PAINTER (Brush, Roller and Spray; Excludes Drywall Finishing/Taping).....	\$ 25.11	10.95

PAIN0079-007 08/01/2022

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 25.81	10.95

PAIN0419-001 06/01/2022

	Rates	Fringes
SOFT FLOOR LAYER (Vinyl and Carpet).....	\$ 18.29	14.33

PAIN0930-002 07/01/2023

	Rates	Fringes
GLAZIER.....	\$ 33.51	12.65

* PLUM0003-009 06/01/2024

	Rates	Fringes
PLUMBER (Excludes HVAC Duct, Pipe and Unit Installation).....	\$ 45.43	20.15

* PLUM0208-008 06/01/2024

	Rates	Fringes
PIPEFITTER (Includes HVAC		

Pipe and Unit Installation;
 Excludes HVAC Duct
 Installation).....\$ 44.15 22.43

SFCO0669-002 04/01/2024

Rates Fringes

SPRINKLER FITTER (Fire
 Sprinklers).....\$ 45.44 26.98

* SHEE0009-004 07/01/2024

Rates Fringes

SHEET METAL WORKER (Includes
 HVAC Duct Installation;
 Excludes HVAC Pipe and Unit
 Installation).....\$ 39.47 21.83

* SUCO2013-006 07/31/2015

Rates Fringes

BRICKLAYER.....\$ 21.96 0.00

CARPENTER (Acoustical Ceiling
 Installation Only).....\$ 22.40 4.85

CARPENTER (Metal Stud
 Installation Only).....\$ 18.29 0.00

CARPENTER, Excludes
 Acoustical Ceiling
 Installation, Drywall
 Hanging, and Metal Stud
 Installation.....\$ 21.09 6.31

CEMENT MASON/CONCRETE FINISHER...\$ 20.09 7.03

LABORER: Common or General.....\$ 18.29 ** 5.22

LABORER: Mason Tender - Brick...	\$ 18.29 **	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 18.29 **	0.00
LABORER: Pipelayer.....	\$ 18.29 **	3.68
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 20.78	5.78
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 19.10	3.89
OPERATOR: Grader/Blade.....	\$ 21.50	0.00
ROOFER.....	\$ 18.29 **	0.00
TRUCK DRIVER: Dump Truck.....	\$ 18.97	0.00
WATERPROOFER.....	\$ 18.29 **	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

**Administrator Supplemental Rates
(Specific to the Denver projects)
Revision Date: 01-01-2024**

Classification		Base	Fringe
Boilermaker		\$30.97	\$21.45
Iron Worker, Reinforcing		\$55.25	\$3.65
Laborer: Concrete Saw		\$18.29	-
Paper Hanger		\$20.15	\$6.91
Plasterer		\$24.60	\$12.11
Plaster Tender		\$18.29	-
Power Equipment Operator	Concrete Mixer - Less than 1 yd	\$23.67	\$10.67
	Concrete Mixer - 1 yd and over	\$23.82	\$10.68
	Drillers	\$23.97	\$10.70
	Loader - up to and incl 6 cu yd	\$23.67	\$10.67
	Loaders - over 6 cu yd	\$23.82	\$10.68
	Mechanic	\$18.48	-
	Motor Grader	\$23.97	\$10.70
	Oilers	\$22.97	\$10.70
	Roller	\$23.67	\$10.67
Truck Driver	Flatbed	\$19.14	\$10.07
	Semi	\$19.48	\$10.11
Waterproofer		\$18.29	\$0.00

Go to www.denvergov.org/Auditor to view the Prevailing Wage Clarification Document for a list of complete classifications used.

Firms Practices

Alstom is a global company that embraces Diversity, Equity, and Inclusion (DEI). Wherever we operate and across all our businesses, we want to create a culture in which DEI is welcomed and appreciated. By bringing together people from diverse backgrounds and giving everyone the opportunity to contribute with their knowledge, skills, experiences, and perspectives, we generate value for Alstom and our stakeholders. To lead this commitment to DEI, Alstom's Americas organization has appointed a dedicated resource to lead DEI strategy across the Americas region. This strategy includes the recent launch of the Alstom Americas DEI Council, which includes a representative from each product line and each Employee Resource Group (ERG). This council is responsible for leading projects in advancing DEI within the Americas region. Alstom employees in the US are 38% BIPOC (Black, Indigenous, People of Color) and represent nearly 100 nationalities. Additionally, Alstom in the US is an industry leader in gender representation at 23% women in manager, engineer, and professional roles and 26% women in senior leadership roles. Alstom in the US has four ERGs that focus on specific employee identities: Alstom Asian and Pacific Islander Employees of Excellence (APEX), Alstom Black Leaders of Excellence (ABLE), Alstom True Colors (ATC), and Alstom Women of Excellence (AWE).

Alstom's Talent Acquisition (TA) Team recruits for all positions through contacts established at multiple major universities and technical schools. In addition, the TA team, together with the local project team, recruits for the hourly non-exempt workers as well. On a local level, the TA Team, as well as local human resources personnel and managers, engage with the state job banks to identify potential employees available for work. In parallel with these efforts, the TA Team and local human resources personnel participate in local job fairs, career days, and otherwise solicit potential employees from among secondary school graduates who are interested in learning a trade through an employer.

Inclusivity/Diversity Plan Goal

- Gender Balance
 - At Alstom, we want to move beyond simply valuing gender diversity. We aim to empower and educate for inclusivity of all genders. By 2030, we aim to reach 32% women in manager, engineering, and professional roles and 30% in senior leadership positions.
- Disability Inclusion
 - Alstom aims to attract and retain more employees with disabilities by providing them with an accessible work environment that challenges misconceptions about disabilities and employment.
- LGBTQ+ at Work
 - Alstom strives to create a work environment where employees of all sexualities, gender identities, and gender expressions feel respected, safe and comfortable in expressing themselves authentically.
- Multiple Cultures
 - With a presence in 70 countries and with employees representing 130 nationalities, Alstom wants employees from all countries to see themselves represented at all levels of the organization. It is equally important to help all employees develop awareness of cross-cultural differences and similarities.

In addition, Alstom has joined and made a disability commitment in The Valuable 500, a non-profit organization with a simple goal: putting disability inclusion on the agenda of the world's 500 most influential business leaders and the companies they lead. Together, the business community can reshape the business system to improve disability inclusion. This means focusing on how many people with disabilities are hired, how are they treated and supported in their work, and, finally, how disability is taken into consideration during the development of products and services.

The commitment shared by Henri Poupart-Lafarge, Alstom's Chief Executive Officer, to join this campaign is the following: *"Alstom has long been committed to improving the level of universal accessibility in the mobility sector, paying special attention to the needs of people with disabilities. Together, we are committing to boosting the*

accessibility even further and ensuring the participation of people with particular needs in our R&D projects. As for our workforce, it must reflect the diversity of the world's passengers, that is why Alstom commits to continually increasing the number of employees with disabilities."

In joining The Valuable 500, Alstom places itself alongside such companies as Microsoft, Unilever, Mastercard, HSBC, IBM, Sanofi, Roche, Google, and Accenture. The participation of The Valuable 500 is also on the agenda of the next World Economic Forum's in Davos, planned for January 29 2025, at which time the full list of participating companies will be displayed.

"Over 15% of the world's population have a disability. Excluding them means losing a huge pool of talent, diversity of thought and customer spending power. The future of business cannot be anything but inclusive", says Marcella Martinetti, Global Talent Development Director.

For Alstom, joining The Valuable 500 is only a continuation of our many current efforts, ranging from an annual week-long event for people with disabilities to initiatives such as Extraordinary@work aiming to hire and retain more people with autism in the company.

Policies

Alstom's DEI Policy clearly discloses the expectations, goals, and objectives of the Company:

Policy Purpose and Scope of Application

Alstom aims to be a company which is:

- Agile: "we anticipate, learn and adapt with purpose";
- Inclusive: "we embrace differences";
- Responsible: "we are accountable for our decisions and their impact on business and society".

A diverse and inclusive workforce is a lever to running a sustainable and successful business.

The policy sets out Alstom's vision and objectives for enhancing workplace diversity and inclusiveness, how we will achieve those objectives and how we will measure the progress.

This is a group policy and applies to all employees of Alstom worldwide also providing the guiding principles as an equal opportunity employer.

General Principles

Our vision for our workforce is to truly reflect the essence of Diversity & Inclusion; "Diversity" for Alstom refers to all the dimensions of variability in our workforce including visible differences such as, for example, gender, race, age, and certain disabilities as well as invisible differences such as, for example, other disabilities, country of origin, career history, and social and academic background etc.

"In the context of developing the Alstom workforce, "Inclusion" refers to efforts to design a work environment and foster a culture in the workplace where all differences are embraced, respected, and leveraged without any bias. Everyone has opportunity to contribute and achieve success in Alstom.

Regardless of gender, country of origin, age, color, religion, sexual orientation, physical ability and only based on performance, leadership, potential, behavior and competencies, everyone can succeed and contribute to the sustainable success of Alstom

Talent Acquisition

Alstom sites collaborate with the internal TA Team in hiring employees at all levels of the organization. The TA Team is responsible for recruitment and may use subcontractors to assist. In all cases, the posting for an open position includes the following text:

Alstom is the leading company in the mobility sector, solving the most interesting challenges for tomorrow's mobility. That is why we value inquisitive and innovative people who are passionate about working together to reinvent mobility, making it smarter and more sustainable. Day after day, we are building an agile, inclusive and responsible culture, where a diverse group of people are offered opportunities to learn, grow and advance in their careers, with options across functions and geographic locations. Are you ready to join a truly international community of great people on a challenging journey with a tangible impact and purpose?

Equal Opportunity Statement

Alstom is an equal opportunity employer committed to creating an inclusive working environment where all our employees are encouraged to reach their full potential, and individual differences are valued and respected. All qualified applicants are considered for employment without regard to race, color, religion, gender, sexual orientation, gender identity, age, national origin, disability status, or any other characteristic protected by local law.

Additionally, Alstom wants to accelerate the recruitment of women, especially in engineering and industrial roles, through a robust talent acquisition process that increases the number of women among finalist candidates.

Alstom will ensure applicant and interview pools are reflective of the talent market. Alstom is compliant with Federal Transit Administration's guidance regarding Equal Employment Opportunity laws.

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

Bond No PB02096600079

PERFORMANCE AND PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned Alstom Transport USA Inc, 1251 Waterfront Place, Pittsburgh PA 15222

a corporation organized and existing under and by virtue of the laws of the State of Delaware,

hereafter referred to as the "Contractor", and Philadelphia Indemnity Insurance Company

a corporation organized and existing under and by virtue of the laws of the State of Pennsylvania

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 **FIVE HUNDRED THOUSAND DOLLARS and NO CENTS (\$500,000.00)**, 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 the construction of **CONTRACT NO. 202472367 Automated Guideway Transit System ("AGTS") O&M** 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;

WHEREAS, the City has agreed to accept this Bond, this Bond shall be effective for the definite period of January 1, 2025 to December 31, 2025. The Bond may be extended, at the sole option of the Surety by continuation certificate for additional periods from the expiry date hereof. However, neither: (a) the Surety's decision not to issue a continuation certificate, nor (b) the failure or inability of the Principal to file a replacement bond or other security in the event Surety exercises its right to not renew this Bond, shall itself constitute a loss to the City recoverable under this Bond or any extension thereof. Regardless of the decision of the Surety's decision to not renew the bond, the Contractor shall maintain a bond for the duration of the contract as required by the terms and conditions found in Contract No. 202472367.

The above referenced Contract has a term ending December 31, 2031. Regardless of the number of years this Bond is in force or the number of continuation certificates issued, this Bond shall not be extended beyond 12/31/2025, unless earlier non-renewed pursuant to the above paragraph.

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, 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, and expenses which it may incur in making good any default based upon the failure of the Contractor to fulfill its obligation to furnish maintenance, repairs 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 any amount not exceeding the amount of this obligation, together with interest as provided by law;

IN WITNESS WHEREOF, said Contractor and said Surety have executed these presents as of this
12th day of September, 2024.

Attest:

Johnetta Falk
Secretary

Alstom Transport USA Inc
Contractor

By: [Signature]
vice President
Philadelphia Indemnity Insurance Company
Surety

By: [Signature]
Francesca Papa, Attorney-In-Fact

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

**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: Alstom Transport USA Inc

Contract No: 202472367
Project Name: Automated Guideway Transit System ("AGTS") O&M
Contract Amount: \$232,000,000.00
Performance and Payment Bond No.: PB02096600079 for \$500,000.00

Dear Assistant City Attorney,

The Performance and Payment Bonds covering the above captioned project were executed by this agency, through Philadelphia Indemnity Insurance Company insurance company, on September 12, 2024.

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 631-577-0563.

Thank you.

Sincerely,



Francesca Papa
Attorney in fact



PHILADELPHIA INDEMNITY INSURANCE COMPANY

One Bala Plaza, Suite 100
Bala Cynwyd, PA 19004-0950

Power of Attorney

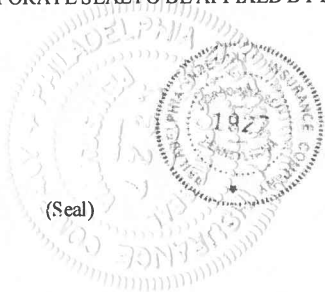
KNOW ALL PERSONS BY THESE PRESENTS: That PHILADELPHIA INDEMNITY INSURANCE COMPANY (the Company), a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, does hereby constitute and appoint Mariya Leonidov, Francesca Papa, Terry Ann Gonzales-Selman, April D. Perez, Kelly O'Malley, Annette Audinot, Jessica Iannotta, and Kristin S. Bender of MARSH USA, Inc. its true and lawful Attorney-in-fact with full authority to execute on its behalf bonds, undertakings, recognizances and other contracts of indemnity and writings obligatory in the nature thereof, issued in the course of its business and to bind the Company thereby, in an amount not to exceed \$Unlimited.

This Power of Attorney is granted and is signed and sealed by facsimile under and by the authority of the following Resolution adopted by the Board of Directors of PHILADELPHIA INDEMNITY INSURANCE COMPANY on the 14th of November, 2016.

RESOLVED: That the Board of Directors hereby authorizes the President or any Vice President of the Company: (1) Appoint Attorney(s) in Fact and authorize the Attorney(s) in Fact to execute on behalf of the Company bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof and to attach the seal of the Company thereto; and (2) to remove, at any time, any such Attorney-in-Fact and revoke the authority given. And, be it

FURTHER RESOLVED: That the signatures of such officers and the seal of the Company may be affixed to any such Power of Attorney or certificate relating thereto by facsimile, and any such Power of Attorney so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN TESTIMONY WHEREOF, PHILADELPHIA INDEMNITY INSURANCE COMPANY HAS CAUSED THIS INSTRUMENT TO BE SIGNED AND ITS CORPORATE SEAL TO BE AFFIXED BY ITS AUTHORIZED OFFICE THIS 5TH DAY OF MARCH, 2021.



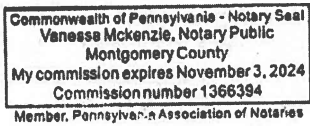
(Seal)

John Glomb, President & CEO
Philadelphia Indemnity Insurance Company

On this 5th day of March, 2021 before me came the individual who executed the preceding instrument, to me personally known, and being by me duly sworn said that he is the therein described and authorized officer of the PHILADELPHIA INDEMNITY INSURANCE COMPANY; that the seal affixed to said instrument is the Corporate seal of said Company; that the said Corporate Seal and his signature were duly affixed.

Notary Public:

Vanessa McKenzie



residing at:

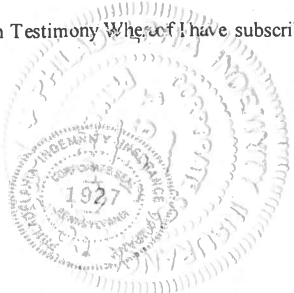
Bala Cynwyd, PA

My commission expires:

November 3, 2024

I, Edward Sayago, Corporate Secretary of PHILADELPHIA INDEMNITY INSURANCE COMPANY, do hereby certify that the foregoing resolution of the Board of Directors and the Power of Attorney issued pursuant thereto on the 5th day March, 2021 are true and correct and are still in full force and effect. I do further certify that John Glomb, who executed the Power of Attorney as President, was on the date of execution of the attached Power of Attorney the duly elected President of PHILADELPHIA INDEMNITY INSURANCE COMPANY.

In Testimony Whereof I have subscribed my name and affixed the facsimile seal of each Company this 12th day of September, 2024

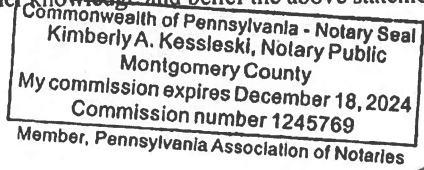


Edward Sayago, Corporate Secretary
PHILADELPHIA INDEMNITY INSURANCE COMPANY

PHILADELPHIA INDEMNITY INSURANCE COMPANY
Statutory Statements of Admitted Assets, Liabilities and Capital and Surplus
 (in thousands, except par value and share amounts)

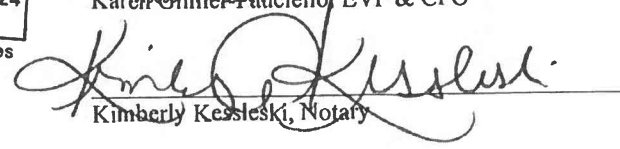
<u>Admitted Assets</u>	As of December 31,	
	<u>2023</u>	<u>2022</u>
Bonds (fair value \$8,720,743 and \$7,902,637)	\$ 9,263,769	\$ 8,709,823
Preferred stocks (fair value \$8,060 and \$14,560)	8,060	14,560
Common stocks (cost \$18,727 and \$24,136)	21,946	28,395
Mortgage loans	1,060,940	1,074,734
Real estate	21,033	21,779
Other invested assets (cost \$201,673 and \$212,500)	226,716	234,138
Receivables for securities sold	4,072	476
Cash, cash equivalents and short-term investments	<u>147,539</u>	<u>95,212</u>
Cash and invested assets	10,754,075	10,179,117
Premiums receivable, agents' balances and other receivables	1,108,771	955,218
Reinsurance recoverable on paid loss and loss adjustment expenses	57,589	64,607
Accrued investment income	93,350	88,001
Receivable from affiliates	7,123	4,406
Federal income taxes receivable	-	21,231
Net deferred tax assets	162,612	150,526
Other assets	<u>11,103</u>	<u>11,196</u>
Total admitted assets	<u>\$ 12,194,623</u>	<u>\$ 11,474,302</u>
<u>Liabilities and Capital and Surplus</u>		
<u>Liabilities:</u>		
Unpaid loss and loss adjustment expenses	\$ 5,797,285	\$ 5,680,508
Unearned premiums	1,887,004	1,766,050
Reinsurance payable on paid loss and loss adjustment expenses	35,204	39,160
Federal income taxes payable	2,352	-
Ceded reinsurance premiums payable	152,393	119,157
Commissions payable, contingent commissions and other similar charges	298,124	247,996
Funds held	96,542	82,555
Payable to affiliates	20,862	21,337
Provision for reinsurance	295	678
Payable for securities purchased	12,957	42,426
Accrued expenses and other liabilities	<u>62,438</u>	<u>58,292</u>
Total liabilities	<u>8,365,456</u>	<u>8,058,159</u>
<u>Capital:</u>		
Common stock, par value of \$10 per share; 1,000,000 shares authorized, 450,000 shares issued and outstanding	4,500	4,500
<u>Surplus:</u>		
Gross paid-in and contributed surplus	386,071	386,071
Unassigned surplus	<u>3,438,596</u>	<u>3,025,572</u>
Total surplus	<u>3,824,667</u>	<u>3,411,643</u>
Total capital and surplus	<u>3,829,167</u>	<u>3,416,143</u>
Total liabilities and capital and surplus	<u>\$ 12,194,623</u>	<u>\$ 11,474,302</u>

The undersigned, being duly sworn, says: That she is the Executive Vice President and Chief Financial Officer of Philadelphia Indemnity Insurance Company; that said Company is a corporation duly organized in the state of Pennsylvania, and licensed and engaged in the State of Pennsylvania and has duly complied with all the requirements of the laws of the said State applicable of the said Company and is duly qualified to act as Surety under such laws; that said Company has also complied with and is duly qualified to act as Surety under the Act of Congress. And that to the best of her knowledge and belief the above statement is a full, true and correct statement of

Attest: 

DocuSigned by:
Karen Gilmer-Pauciello
 Karen Gilmer-Pauciello, EVP & CFO

Sworn to before me this 5th day of June 2024.


 Kimberly Kessleski, Notary