

Master Purchase Order

DO NOT INVOICE TO THIS ADDRESS	 DENVER THE MILE HIGH CITY	Supplier Contract No. SC-00004571	
City & County of Denver		Date: 1/17/2020	Revision No.
Purchasing Division		Payment Terms: Net 30	Resolution (as applicable):
201 West Colfax Avenue, Dept. 304		Freight Terms: DESTINATION	
Denver, CO 80202		Ship Via: Best Way	
United States		Buyer: Kenton Janzen	
Phone: 720-913-8100 Fax: 720-913-8101		Phone: 303-342-2183	

Workday DENVR0000021212 Phone: 514-861-9481
 Supplier ID:

Email: john.clark@rail.bombardier.com

Bombardier Transportation Holdings USA, Inc
 1501 Lebanon Church Road
 Pittsburgh, PA 15236
 Colorado Secretary of State ID:19901023601
 U.S. Federal SAM Registry Verification Date: 01/07/2020

Ship To: Denver International Airport
 27500 E 80th Ave
 Denver, CO 80249

Bill To: Accounts.Payable@flydenver.com

1. Goods/Services:

Bombardier Transportation Holdings USA, Inc., a corporation organized under the laws of the state of Delaware and authorized to do business in Colorado ("Bombardier" or "Vendor") shall provide the goods, and any services related thereto, identified and described on attached Exhibit A, to the City and County of Denver, a Colorado municipal corporation (the "City"), all in accordance with the terms and conditions of this Master Purchase Order. No work shall be performed by Vendor unless Vendor has signed and returned to The City an Acknowledgement form that is provided by Vendor with the PO. Drafts of documents shall not be accepted.

2. Ordering:

The City shall purchase one or more of the goods/services by issuing a written purchase order(s) or similar appropriate written document ("Order"), each of which will be deemed incorporated into this Agreement for purposes of such Order only.

3. Pricing:

The pricing/rates for the goods/services is contained on **Exhibit A** and shall be held firm for the term of this Master Purchase Order.

4. Term:

The term of this Master Purchase Order shall run from date of signature to and including December 31, 2022.

5. Inspection and Acceptance:

City may inspect all goods/services prior to acceptance. Payment does not constitute acceptance. Vendor shall bear the cost of any inspection/testing that reveal goods/services that are defective or do not meet specifications. City's failure to accept or reject goods/services shall not relieve Vendor from its responsibility for such goods/services that are defective or do not meet specifications nor impose liability on City for such goods/services. If any part of the goods/services are not acceptable to City, City may, in addition to any other rights it may have at law or in equity: (1) make a warranty claim; or (2) reject and return the goods at Vendor's cost and/or reject the services at Vendor's expense for full credit. Any rejected goods/services are not to be replaced without written authorization from City, and any such replacement shall be on the same terms and conditions contained in this Master Purchase Order. Vendor shall perform all services in accordance with the standard of care exercised by highly competent vendors who perform like or similar services.

6. Shipping, Taxes and Other Credits and Charges:

All pricing is F.O.B. destination unless otherwise specified. Shipments must be marked with Vendor's name, the Master Purchase Order number, and contain a delivery or packing slip. Vendor shall not impose any charges for boxing, crating, parcel post, insurance, handling, freight, express or other similar charges or fees. Vendor shall notify City in writing of any price decreases immediately, and City shall receive the benefit thereof on all unshipped items. Vendor shall comply with any additional delivery terms specified herein. ~~Vendor shall be responsible for the cleanup and reporting of any contamination (environmental or otherwise) or spillage resulting from the delivery and/or unloading of goods within twenty-four (24) hours of the contamination or spillage or sooner if required by law.~~ Vendor shall procure all permits and licenses; pay all charges, taxes and fees; and give all notices necessary and incidental to the fulfillment of this Master Purchase Order and all cost thereof have been included in the prices contained herein. City shall not be liable for the payment of taxes, late charges or penalties of any nature, except as required by D.R.M.C. § 20-107, et seq. The price of all goods/services shall reflect all applicable tax exemptions. City's Federal Registration No. is 84-6000580 and its State Registration No. is 98-02890. Vendor shall pay all sales and use taxes levied by City on any tangible personal property built into the goods/services. Vendor shall obtain a Certificate of Exemption from the State of Colorado Department of Revenue prior to the purchase of any materials to be built into the goods/services and provide a copy of the Certificate to City prior to final payment.

7. Risk of Loss:

Vendor shall bear the risk of loss, injury or destruction of goods prior to delivery to City. Loss, injury or destruction shall not release Vendor from any obligation hereunder.

8. Invoice:

Each invoice shall include: (i) the Purchase Order number; (ii) individual itemization of the goods/services; (iii) per unit price, extended and totaled; (iv) quantity ordered, back ordered and shipped; (v) an invoice number and date; (vi) ordering department's name and "ship to" address; and (vii) agreed upon payment terms set forth herein.

9. Amendments/Changes:

Only the Executive Director of General Services or his/her delegate is authorized to change or amend this Master Purchase Order by a formal written change order. Any change or amendment that would cause the aggregate payable under this Master Purchase Order to exceed the amount appropriated and encumbered for this Master Purchase Order is expressly prohibited and of no effect. Vendor shall verify that the amount appropriated and encumbered is sufficient to cover any increase in cost due to changes or amendments. Goods/services provided without such verification are provided at Vendor's risk. The Vendor has no authority to bind City on any contractual matters.

10. Warranty:

Vendor warrants and guarantees to City that all goods furnished under this Master Purchase Order are free from defects in workmanship and materials, are merchantable, and fit for the purposes for which they are to be used. For any goods furnished under this Master Purchase Order which become defective within twelve (12) months (unless otherwise specified) after date of receipt by City, Vendor shall either, at City's election and to City's satisfaction, remedy any and all defects or replace the defective goods at no expense to City within seven (7) days of receipt of the defective goods or accept the defective goods for full credit and payment of any return shipping charges. Vendor shall be fully responsible for any and all warranty work, regardless of third-party warranty coverage. Vendor shall furnish additional or replacement parts at the same prices, conditions and specifications delineated herein.

11. Indemnification/Limitation of Liability:

Vendor shall indemnify and hold harmless City (including but not limited to its employees, elected and appointed officials, agents and representatives) against any and all losses (including without limitation, loss of use and costs of cover), liability, damage, claims, demands, actions and/or proceedings and all costs and expenses connected therewith (including without limitation attorneys' fees) that arise out of or relate to any claim of infringement of patent, trademark, copyright, trade secret or other intellectual property right related to this Master Purchase Order or that are caused by or the result of any negligent act or omission of Vendor, its agents, suppliers, employees, or representatives. Vendor's obligation shall not apply to any liability or damages to the extent resulting from the negligence of City. City shall not be liable for any consequential, incidental, indirect, special, reliance, or punitive damages or for any lost profits or revenues, regardless of the legal theory under which such liability is asserted. In no event shall City's or Vendor's aggregate liability exceed the agreed upon cost for those goods/services that have been accepted by City under this Master Purchase Order. Notwithstanding anything contained in this Master Purchase Order to the contrary, City in no way limits or waives the rights, immunities and protections provided by C.R.S. § 24-10-101, et seq. Notwithstanding any terms in this Agreement to the contrary, and to the maximum extent permitted by applicable law, Contractor's total, aggregate liability under and in relation to this Purchase Order ("PO") will not exceed three times the PO amount.

12. Termination:

City may terminate this Master Purchase Order, in whole or in part, at any time and for any reason immediately upon written notice to Vendor. In the event of such a termination, City's sole liability shall be limited to payment of the amount due for the goods/services accepted by City. Vendor acknowledges the risks inherent in this termination for convenience and expressly accepts them. Termination by City shall not constitute a waiver of any claims City may have against Vendor.

13. Interference:

Vendor shall notify the Director of Purchasing immediately of any condition that may interfere with the performance of Vendor's obligations under this Master Purchase Order and confirm such notification in writing within twenty-four (24) hours. City's failure to respond to any such notice shall in no way act as a waiver of any rights or remedies City may possess.

14. Venue, Choice of Law and Disputes:

Venue for all legal actions shall lie in the District Court in and for City and County of Denver, State of Colorado, and shall be governed by the laws of the State of Colorado as well as the Charter and Revised Municipal Code, rules, regulations, Executive Orders, and fiscal rules of City. All disputes shall be resolved by administrative hearing, pursuant to the procedure established by D.R.M.C. § 56-106. Director of Purchasing shall render the final determination.

15. Assignment/No Third Party Beneficiary:

Vendor shall not assign or subcontract any of its rights or obligations under this Master Purchase Order without the written consent of City, except that it may assign to a parent, subsidiary or affiliated company. In the event City permits an assignment or subcontract, any permitted assignee or subcontractor shall be bound by the terms and conditions contained herein. This Master Purchase Order is intended solely for the benefit of City and Vendor with no third-party beneficiaries.

16. Notice:

Notices shall be made by Vendor to the Director of Purchasing and by City to Vendor at the addresses provided herein, in writing sent registered, return receipt requested.

17. Compliance With Laws:

Vendor shall observe and comply with all federal, state, county, city and other laws, codes, ordinances, rules, regulations and executive orders related to its performance under this Master Purchase Order. City may immediately terminate this Master Purchase Order, in whole or in part, if Vendor or an employee is convicted, plead nolo contendere, or admits culpability to a criminal offense

of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, undue influence, theft, racketeering, extortion or any offense of a similar nature. The City agrees that no gift, loan, or other thing of value has been, or will be, given to any employee, agent, or officer of Buyer in connection with the award of performance of this PO. It is further understood and agreed that no employment will be offered to any employee, agent, or officer of Vendor by The City during the term of this PO.

18. Insurance:

Vendor shall secure, before delivery of any goods/services, the following insurance covering all operations, goods and services provided to City. Vendor shall keep the required insurance coverage in force at all times during the term of the Master Purchase Order, or any extension thereof, during any warranty period, and for three (3) years after termination of this Master Purchase Order. The required insurance shall be underwritten by an insurer licensed to do business in Colorado and rated by A.M. Best Company as "A-"VIII or better. Each policy shall contain a valid provision or endorsement requiring notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Agreement. Such notice shall reference the City contract number listed on the signature page of this Agreement. Said notice shall be sent thirty (30) days prior to such cancellation or non-renewal unless due to non-payment of premiums for which notice shall be sent ten (10) days prior. If such written notice is unavailable from the insurer, contractor shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested within three (3) business days of such notice by its insurer(s) and referencing the City's contract number. If any policy is in excess of a deductible or self-insured retention, City must be notified by Vendor. Vendor shall be responsible for the payment of any deductible or self-insured retention. The insurance coverages specified in this Master Purchase Order are the minimum requirements, and these requirements do not lessen or limit the liability of Vendor. Risk Management reserves the right to require additional policies and/or limits based on agreement scope of work. Vendor shall provide a copy of this Master Purchase Order to its insurance agent or broker. Vendor may not commence services or work relating to the Master Purchase Order prior to placement of coverage. Contractor certifies that the attached certificate of insurance attached to the Master Purchase Order documents, preferably an ACORD certificate, complies with all insurance requirements of this Master Purchase Order. The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements set forth in this Master Purchase Order shall not act as a waiver of Vendor's breach of this Master Purchase Order or any of the City's rights or remedies under this Agreement. The City's Risk Management Office may require additional proof of insurance, including but not limited to policies and endorsements. Vendor's insurer shall name as Additional Insured to its Commercial General Liability and Business Auto Liability policies the City and County of Denver, its elected and appointed officials, employees and volunteers. Vendor's insurer shall waive subrogation rights against the City except in the case of the City's willful misconduct. All sub-contractors and sub-consultants (including independent contractors, suppliers or other entities providing goods/services required by this Master Purchase Order) shall be subject to all of the requirements herein and shall procure and maintain the same coverages required of Vendor. Vendor shall include all such entities as insureds under its policies or shall ensure that they all maintain the required coverages. Vendor shall provide proof of insurance for all such entities upon request by City. For Worker's Compensation Insurance, Vendor shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits of \$100,000 for each bodily injury occurrence claim, \$100,000 for each bodily injury caused by disease claim, and \$500,000 aggregate for all bodily injuries caused by disease claims. Vendor expressly represents to City, as a material representation upon which City is relying, that none of the Vendor's officers or employees who may be eligible under any statute or law to reject Workers' Compensation Insurance shall effect such rejection during any part of the term of this Master Purchase Order, and that any such rejections previously effected, have been revoked. Vendor shall maintain Commercial General Liability coverage with limits of \$1,000,000 for each occurrence, \$1,000,000 for each personal and advertising injury claim, \$2,000,000 products and completed operations aggregate, and \$2,000,000 policy aggregate. Under BT's CGL policy, the products / completed operations is included as part of the general aggregate. Vendor shall maintain Business Auto Liability coverage with limits of \$1,000,000 combined single limit applicable to all owned, hired and non-hired vehicles used in performing services under this Master Purchase Order. For Commercial General Liability coverage, the policy must provide the following: (i) That this Master Purchase Order is an Insured Contract under the policy; (ii) Defense costs in excess of policy limits; (iii) A severability of interests, separation of insureds or cross liability provision; and (iv) A provision that coverage is non-contributory with other coverage or self-insurance provided by City. For claims-made coverage, the retroactive date must be on or before the first date when any goods or services were provided to City. Vendor must advise the City in the event any general aggregate or other aggregate limits are reduced below the required per occurrence limits. At their own expense, and where such general aggregate or other aggregate limits have been reduced below the required per occurrence limit, the Vendor will procure such per occurrence limits and furnish a new certificate of insurance showing such coverage is in force.

19. Severability:

If any provision of this Master Purchase Order, except for the provisions requiring appropriation and encumbering of funds and limiting the total amount payable by City, is held to be invalid, illegal or unenforceable by a court of competent jurisdiction, the validity of the remaining portions or provisions shall not be affected if the intent of City and Vendor can be fulfilled.

20. Survival:

All terms and conditions of this Master Purchase Order which by their nature must survive termination/expiration shall so survive. Without limiting the foregoing, Vendor's insurance, warranty and indemnity obligations shall survive for the relevant warranty or statutes of limitation period plus the time necessary to fully resolve any claims, matters or actions begun within that period. Bonds shall survive as long as any warranty period.

21. No Construction Against Drafting Party:

No provision of this Master Purchase Order shall be construed against the drafter.

22. Status of Vendor/Ownership of Work Product:

Vendor is an independent contractor retained on a contractual basis to perform services for a limited period of time as described in Section 9.1.1E(x) of the Charter of City. Vendor and its employees are not employees or officers of City under Chapter 18 of the D.R.M.C. for any purpose whatsoever. All goods, deliverables, hardware, software, plans, drawings, reports, submittals and all other documents or things furnished to City by Vendor shall become and are the property of City. The City can use the Vendor's Intellectual Property Rights to operate, maintain and repair the goods and to complete or have complete the contract in case of termination for default only.

23. Records and Audits:

Vendor shall maintain for three (3) years after final payment hereunder, all pertinent books, documents, papers and records of Vendor involving transactions related to this Master Purchase Order, and City shall have the right to inspect and copy the same.

24. Remedies/Waiver:

No remedy specified herein shall limit any other rights and remedies of City at law or in equity. No waiver of any breach shall be construed as a waiver of any other breach.

25. No Discrimination in Employment:

Vendor shall not refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability; and Vendor shall insert the foregoing provision in any subcontracts hereunder.

26. Use, Possession or Sale of Alcohol or Drugs:

Vendor shall cooperate and comply with the provisions of Executive Order 94. Violation may result in City terminating this Master Purchase Order or barring Vendor from City facilities or from participating in City operations.

27. Conflict of Interest:

No employee of City shall have any personal or beneficial interest in the goods/services described in this Master Purchase Order; and Vendor shall not hire or contract for services any employee or officer of City which would be in violation of City's Code of Ethics, D.R.M.C. §2-51, et seq. or the Charter §§ 1.2.8, 1.2.9, and 1.2.12.

28. Advertising and Public Disclosure:

Vendor shall not reference the goods/services provided hereunder in any of its advertising or public relations materials without first obtaining the written approval of the Manager of General Services.

29. No Employment of Illegal Aliens to Perform Work Under The Agreement:

a. This Agreement is subject to Division 5 of Article IV of Chapter 20 of the Denver Revised Municipal Code, and any amendments (the "Certification Ordinance").

b. The Vendor certifies that:

- (1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.
- (2) It will participate in the E-Verify Program, as defined in § 8-17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

c. The Vendor also agrees and represents that:

- (1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (2) It shall not enter into a contract with a subconsultant or subcontractor that fails to certify to the Contractor that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in the E-Verify Program.
- (4) It is prohibited from using the E-Verify Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and that otherwise requires the Vendor to comply with any and all federal requirements related to use of the E-Verify Program including, by way of example, all program requirements related to employee notification and preservation of employee rights.
- (5) If it obtains actual knowledge that a subconsultant or subcontractor performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subconsultant or subcontractor and the City within three (3) days. The Vendor will also then terminate such subconsultant or subcontractor if within three (3) days after such notice the subconsultant or subcontractor does not stop employing or contracting with the illegal alien, unless during such three-day period the subconsultant or subcontractor provides information to establish that the subconsultant or subcontractor has not knowingly employed or contracted with an illegal alien.
- (6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S, or the City Auditor, under authority of D.R.M.C. 20-90.3.

d. The Contractor is liable for any violations as provided in the Certification Ordinance. If Contractor violates any provision of this section or the Certification Ordinance, the City may terminate this Agreement for a breach of the Agreement. If the Agreement

is so terminated, the Contractor shall be liable for actual and consequential damages to the City. Any such termination of a contract due to a violation of this section or the Certification Ordinance may also, at the discretion of the City, constitute grounds for disqualifying Contractor from submitting bids or proposals for future contracts with the City.

30. Prevailing Wages

This Master Purchase Order shall be subject to the following provisions concerning prevailing wages.

- a. The minimum wages to be paid for every class of labor, mechanics and worker shall be not less than the scale of wages from time to time determined to be the prevailing wages.
- b. The Vendor or his/her subcontractor shall pay mechanics, laborers and workers employed directly upon the site of the work the full amounts accrued at time of payment, computed at wage rates not less than those stated or referenced in the specifications, and any addenda thereto, on the actual date of proposal opening, or in effect on the date of grant of permit for performance of such work under D.R.M.C. Section 49-171 et seq., or on the date of the written Master Purchase Order for contracts let by informal procedure under D.R.M.C. Section 20-63(b), regardless of any contractual relationship which may be alleged to exist between the vendor or subcontractor and such laborers, mechanics and workers.
- c. The vendor and subcontractors to pay all workers, mechanics and other laborers at least once a week the full amounts of wages accrued at the time of payment except that the vendor and subcontractor shall make such payments to non-construction workers such as janitorial or custodial workers at least twice per month.
- d. The vendor shall post in a prominent and easily accessible place at the site of the work the scale of wages to be paid by the vendor and all subcontractors working under the vendor.
- e. If the vendor or any subcontractor shall fail to pay such wages as are required by the contract, the Auditor shall not approve any warrant or demand for payment to the vendor until the vendor furnishes the Auditor evidence satisfactory to the Auditor that such wages so required by the contract have been paid.
- f. The vendor shall furnish to the Auditor each week during which work is in progress under the contract, a true and correct copy of the payroll records of all workers, laborers and mechanics employed under the contract, either by the vendor or subcontractors.
- g. The copy of the payroll record shall be accompanied by a sworn statement of the vendor that the copy is a true and correct copy of the payroll records of all mechanics, laborers or other workers working under the contract either for the vendor or subcontractors, that payments were made to the workers, laborers and mechanics as set forth in the payroll records, that no deductions were made other than those set forth in such records, and that all workers, mechanics and other laborers employed on work under the contract, either by the vendor or by any subcontractor, have been paid the prevailing wages as set forth in the contract specifications.
- h. If any laborer, worker or mechanic employed by the vendor or any subcontractor under the contract has been or is being paid a rate of wages less than the rate of wages required by the contract to be paid as aforesaid, the City may, by written notice to the vendor, suspend or terminate the vendor's right to proceed with the work, or such part of the work as to which there has been a failure to pay the required wages, and in the event of termination may prosecute the work to completion by contract or otherwise, and the vendor and any sureties shall be liable to the City for any excess costs occasioned the City thereby.

31. FEDERAL PROVISIONS:

Where the source of the funds, directly or indirectly for this Purchase Order is the Federal Government, the Vendor agrees to the applicable provisions set out below. The Vendor shall be responsible for determining which terms are applicable to its products and/or services.

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE Vendor agrees to comply with Executive Order 11246 of September 24, 1965, entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Part 60).

DAVIS-BACON ACT COMPLIANCE Vendor agrees to comply with the Davis-Bacon Act (40 U.S.C. 3148 to 3148) as supplemented by Department of Labor regulations (29 CFR part 5). **ANTI-KICKBACK ACT COMPLIANCE** Vendor agrees to comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). **CONTRACT WORK HOURS AND SAFETY STANDARDS** Vendor agrees to comply with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5) **RIGHTS TO INVENTIONS MADE UNDER A CONTRACT OR AGREEMENT** Vendor agrees to comply with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency. **CLEAN AIR AND WATER REQUIREMENTS** Vendor agrees to comply with all applicable standards, orders, or requirements issued under the Clean Air Act (42 U.S.C. 7401 et. seq.), and the Clean Water Act (33 U.S.C. 1251 et. seq.). Vendor agrees to report each violation of these requirements to the City and understands and agrees that the City will, in turn, report each violation as required to the appropriate EPA regional office. **ENERGY CONSERVATION REQUIREMENTS** The Vendor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act. (42 U.S.C. 6201) **NO SUSPENSION OR DEBARMENT** Vendor certifies that neither it nor its Principals or any of its subcontractors is presently debarred, suspended, proposed for

debarment, declared ineligible, or voluntarily excluded from participation in this Agreement by any Federal department or agency. **BYRD ANTI-LOBBYING.** If the Maximum Contract Amount exceeds \$100,000, the Vendor must complete and submit to the City a required certification form provided by the City certifying that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress in connection with obtaining any Federal contract grant of any other award covered by 31 U.S.C. 1352. Vendor must also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

This Master Purchase Order is acknowledged and agreed to by:

Vendor Name:	<u>Bombardier Transportation</u> (Company Name) <u>Holdings USA Inc.</u>	City & County of Denver, Purchasing Division
By:	<u>Johnetta Falk / [Signature]</u> (Authorized Signature)	By: <u>[Signature]</u>
Print Name:	<u>Johnetta Falk / Douglas V. Heitzwender</u>	Print Name: <u>Kenton Janzen</u>
Title:	<u>Asst. Secretary / Systems Eng. Mgr.</u>	Title: <u>Senior Procurement Analyst</u>
Date:	<u>1/22/2020 / 1/22/2020</u>	Date: <u>1/23/2020</u>
		Supervisor Initial: <u>[Signature]</u>

This supplier contract is contingent upon approval by City Council as required by DRMC 3.2.6(e).

EXHIBIT "A"

Vendor: Bombardier Transportation Holding USA, Inc.
 Title: R-22 Upgrade
Supplier Contract No.: SC-00004571

It is recommended that you use your Supplier Contract No.SC-00004571 , in all future correspondence and/or other communications.

Description of the goods, and services related thereto, being purchased and pricing:

Bombardier will upgrade the HVAC Systems for fifteen (15) of the newest Automated Guideway Transit System (AGTS) vehicles currently in operation at Denver International Airport (DEN). The vehicles identified to undergo this upgrade include:

- Vehicles 17 – 22 (Service date – 1996)
- Vehicles 23 – 27 (Service date – 2001)
- Vehicles 28 – 31 (Service date – 2007)

Project Summary

The new HVAC units for the Denver AGTS Vehicles No. 17-31 will be a split type HVAC system like what is used on the existing vehicles. With the split unit the compressor and condenser units are located under car and the evaporator unit is located inside the car interior. The refrigerant used on the new units will be environmentally friendly refrigerant R-407C. R407C has an Ozone Depletion Potential (ODP) of zero and meets the current environmental standards. The evaporator assembly will include quick disconnect fittings on the liquid line and suction line piping of the evaporator unit. This will allow the evaporator to be easily removed for cleaning. The HVAC control panel will be upgraded including a Programmable Logic Controller (PLC) which has diagnostic features. The PLC is service proven on Bombardier's recent APM100 projects. The PLC will log error events. The error event identifies the failure mode for the vehicle mechanic to diagnose the failure.

Bill of Material – Major Replacement Assemblies

- Compressor Assembly with Control Box (plus two spares)
- Condenser Assembly (plus two spares)
- Evaporator Assembly (plus two spares)
- Includes new interconnection piping and mounting hardware.

The replacement of the units will enhance the operational condition of the HVAC system in providing necessary air conditioning capacity and reliability. The proposed changes to the fifteen vehicles identified by vintage above will follow the same general steps as follows:

1. Remove and properly dispose of R22 refrigerant
2. Disconnect refrigerant lines, piping and related connections on unit in accordance with procedures.
3. Unbolt and remove existing HVAC unit.
4. Remove debris, clean area, repair insulation and related HVAC assemblies remaining under vehicle.
5. Install new HVAC unit under vehicle, reconnect in accordance to procedures.
6. Install/Solder New Piping
7. Install remaining wiring to Circuit Breaker or other devices/equipment per procedures.

8. Pressure Test System / Vacuum and Charge

Assumptions

1. The current HVAC units will be completely replaced including all interface piping and flexible tubing, as well as elements that are deemed by the engineering design team to pose a potential threat for future failures.
2. Upgrade packages will be prepared and “kitted” for shipment to the site for installation on the vehicles by Bombardier Denver SDC staff.
3. Replacement HVAC units will be shipped directly to the site from the vendor.
4. The SDC will provide the labor to perform the replacement work using engineering and manufacturing installation procedures with assistance from a Bombardier representative as necessary.
5. R22 refrigerant will be removed and disposed of in accordance with local site processes, procedures and any specific local government regulations.
6. A quality check list will be used to confirm proper installation on each car.
7. Two (2) spares of the major assemblies (Compressor, Condenser and Evaporator) are included in this offer.

Price:

A revised, firm-fixed price breakdown for the scope described above is as follows:

DIRECT LABOR	PRICING
Manufacturing Labor	\$ 7,800.00
Program Management & Scheduling	\$ 32,400.00
HQ Engineering	\$ 74,400.00
Drafting/Configuration Mgmt./Manuals	\$ 41,880.00
Quality Assurance	\$ 10,350.00
Installation and Site Technician Labor	N/C
DIRECT LABOR SUB-TOTAL	\$ 166,830.00
MATERIAL DESCRIPTION	
Project BOM (Qty – 30 HVAC compressors, condensers, evaporators and associated piping, fittings and associated hardware) Price includes quantity (2) spares of Compressor Assy, Condenser Assy and Evaporator Assy.	\$ 2,685,218.00
MATERIAL DESCRIPTION SUB-TOTAL	\$ 2,685,218.00
OTHER DIRECT COSTS	
Travel	\$ 15,088.00
Shipping	\$56,490.00
OTHER DIRECT COSTS - SUB-TOTAL	\$ 71,578.00
GRAND TOTAL	\$ 2,923,626.00

Payment and Schedule

Details pertaining to payment milestones are contained in Attachment A.

Bombardier estimates that the scope of work as described in this letter to be approximately twenty-eight (28) months in duration. A formal project schedule will be developed once Bombardier receives a formal notice to proceed (NTP) from DEN. The vehicle installation and testing elements of this schedule was created in cooperation with the Denver Service Delivery Center, to ensure minimal interference with normal revenue operations and maintenance activities.

Attachment A

Expected Project Cash Flow by Milestone

Billing Milestone Values	Billing Milestone
\$438,544.00	Notice to Proceed (NTP)
\$146,182.00	Bid Cycle Place PO for HVAC Units
\$292,362.00	FAI Unit Accepted
\$292,362.00	Install first three Vehicle's Units
\$584,725.00	Install next three Vehicle's Units
\$438,544.00	Install next three Vehicle's Units
\$438,544.00	Install next three Vehicle's Units
\$292,363.00	Project Complete
Invoiced to Date	
(\$438,544.00)	NTP Paid in 2019 via PO-00076429

\$2,485,082.00

Total