



Request For Proposals

**MiFare Plus Contactless Smartcard -
Custom Cards**

RFP No. : CQ18077

Date: December 14, 2017

Date: December 14, 2017

SUBJECT: RFP No. CQ18077

Dear Sir/Madam:

The Washington Metropolitan Area Transit Authority (WMATA) requires the services of a qualified contractor to manufacture, supply and distribute Custom Contactless Smart Cards (CSC) and other services.

If you have any technical, contractual, or administrative questions, please e-mail them to creid@wmata.com no later than Close of Business, December 27, 2017. WMATA will provide written answers on our website at www.wmata.com. If an amendment is issued resulting from questions and answers, it will be posted on our website.

Your proposal must be received with all required submittals as stated in the RFP, no later than **12:00PM, January 16, 2018**, at WMATA, Office of Procurement and Materials, 600 Fifth Street, NW, Room 3C-02, Washington, DC 20001-2651.

Sincerely,

Contracting Officer
Office of Procurement and Materials

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Washington Metropolitan Area Transit Authority
RFP: CQ18077

INTRODUCTORY INFORMATION
SOLICITATION CERTIFICATIONS PAGE

CQ18077

MiFare Plus Contactless Smartcard - Custom Cards

APPROVED FOR RELEASE



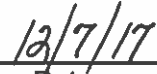
Project Manager/Office Designee



Date



Contracting Officer



Date

END OF SECTION

**Washington Metropolitan Area Transit Authority
RFP: CQ18077**

DIRECTIONS FOR SUBMITTING OFFERS

1. Read and comply with the solicitation instructions.
2. Envelopes containing technical and price proposals must be sealed and separately marked and addressed to:

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
600 5th Street, N.W.
Washington, DC 20001
Room 3C-02
Attn: Charmyne Reid/CA

ALL ENVELOPES OR PACKAGES MUST BE SEPARATELY MARKED WITH THE SOLICITATION NUMBER AS SPECIFIED HEREWITH.

PROPOSALS SHALL BE TIMELY MAILED OR HAND DELIVERED TO REACH WMATA BEFORE 12:00 P.M. (LOCAL TIME) January 16, 2018 ON DAY OF PROPOSAL CLOSING.

**Washington Metropolitan Area Transit Authority
RFP: CQ18077**

NOTICE TO OFFERORS

IN ORDER TO ENSURE THAT YOUR PROPOSAL COMPLIES WITH THE AUTHORITY'S PROCUREMENT REGULATIONS AND THAT IT WILL BE ACCEPTABLE TO THE AUTHORITY, THE FOLLOWING FORMS MUST BE COMPLETED & SUBMITTED AS SPECIFIED BELOW WITH YOUR OFFER:

- SOLICITATION, OFFER & AWARD FORM (Must be signed.) - VOLUME III
- PRICE SCHEDULE- VOLUME I
- REPRESENTATIONS AND CERTIFICATIONS- VOLUME III
- PRE-AWARD DATA- VOLUME III
- ACKNOWLEDGMENT OF AMENDMENTS (IF ANY)- VOLUME III
- TECHICAL PROPOSAL- VOLUME II
- PROOF OF INSURANCE ELIGIBILITY - VOLUME III
- APPENDIX C (IF APPLICABLE) - VOLUME III

FAILURE TO SUBMIT ANY PORTION OF THESE REQUIREMENTS AS SPECIFIED MAY CAUSE YOUR PROPOSAL TO BE CONSIDERED NONRESPONSIVE AND SUBSEQUENTLY REJECTED.

Questions concerning this Request for Proposals may be directed to Charmyne Reid at creid@wmata.com.

NOTICE TO ALL VENDORS

Please be advised that all vendors and contractors who do business with the Washington Metropolitan Area Transit Authority (WMATA) must register in the WMATA Vendor Registration System. Registration is located at <http://www.wmata.com>
New Vendor Registration.

If you are a vendor or contractor and *HAVE* done business with WMATA in the past, please electronically request your company's User ID and Password at <http://www.wmata.com>
Forgot User Id/Password.

Registered Vendor Benefits:

- Visibility to WMATA contract administrators and/or purchasing agents during the purchasing decision period;
- Visibility to other 17,500 registered vendors for possible business opportunities;
- Opportunity to update online, company information such as an e-mail address or contact person on-line;
- Ability to sign up for electronic payment option; and
- Ability to electronically reset user id and password.

Any questions regarding registration may be sent to clm@wmata.com.

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP-CQ18077



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SOLICITATION, OFFER AND AWARD

CONTRACT NO.	SOLICITATION NO. RFP CQ18077	DATE ISSUED December 14, 2017	ADDRESS OFFER TO OFFICE OF PROCUREMENT Office of Procurement 600 Fifth Street NW Washington, DC 20001
<input type="checkbox"/> ADVERTISED <input checked="" type="checkbox"/> NEGOTIATED			

SOLICITATION

Sealed offer in original and _____ copies for furnishing the supplies or services in the schedules will be received at
 Authority until 12:00 P.M. Local time January 16, 2018
 (Hour) (Date)

CAUTION – LATE OFFERS: See paragraph 6 of Solicitation Instructions.

All offers are subject to the following:

1. The Solicitation Instructions that are attached.
2. The Terms and Conditions that are attached.
3. The Price Schedule included herein and/or attached hereto.
4. Such other provisions, representations, certifications, and specifications, as are attached or incorporated herein by reference.

Proposer's E-mail _____

Proposer's Phone Number _____

Proposer's Fax Number _____

SCHEDULE

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
					\$
	(Continued on the attached pages)				

DUN & BRADSTREET ID NUMBER: _____

OFFEROR

Name and Address (Street, city, county, state, and zip code)	Name and Title of Person Authorized to Sign Offer (Print or Type)
<input type="checkbox"/> Check if remittance is different from above — enter such address in Schedule	Signature Offer Date

AWARD (To be completed by The Authority)

ACCEPTANCE AND AWARD ARE HEREBY MADE FOR THE FOLLOWING ITEM(S):

ITEM NO.	QUANTITY	UNIT	UNIT PRICE

The total amount of this award is \$ _____

Name of Contracting Officer (Print of Type)

WASHINGTON METROPOLITAN TRANSIT AUTHORITY

AWARD DATE

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

SOLICITATION, OFFER AND AWARD

CONTINUATION SHEET

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THE FOLLOWING AMENDMENTS

TO SOLICITATION **RFP** **CQ18077** _____

Amendment Number _____ Dated _____

Amendment Number _____ Dated _____

Amendment Number _____ Dated _____

Amendment Number _____ Dated _____

Amendment Number _____ Dated _____

Amendment Number _____ Dated _____

Failure to acknowledge receipt of all amendments may render the offer unacceptable.

Authorized Signature

Company Name

Date

PRICE SCHEDULE SHEET

Price Schedule Sheet is an Excel attachment. Please use the Excel spreadsheet to insert your costs and/or fees. Email the Excel spreadsheet to creid@wmata.com. A hard copy of the completed and signed Price Schedule shall accompany your proposal.

Authorized Signature

Company Name

Date

RFP SOLICITATION INSTRUCTIONS

1. INTRODUCTION

- (a) The Authority seeks to award a contract to manufacture, supply and distribute Contactless Smart Cards (CSC) and other services. To that end, it is issuing this Request for Proposals (RFP) to solicit proposals from qualified firms and individuals who can satisfy the requirements described herein.
- (b) Since this is a Best Value solicitation, award of a Contract hereunder shall be to the offeror whose proposal provides the best overall value to the Authority, based upon application of the evaluation criteria set forth in herein.
- (c) N/A
- (d) The Authority contemplates award of an Indefinite Delivery Indefinite Quantity (IDIQ) contract. Unless otherwise specified in the Price Schedule, the Authority reserves the right to make multiple awards pursuant to this solicitation.
- (d) N/A
- (e) N/A
- (f) **INDEFINITE QUANTITY** - This is an indefinite-quantity contract for the supplies or services specified, and effective for the period of performance stated in the Price Schedule. The quantities of supplies and/or services specified in the Price Schedule are estimates only and are not purchased by this Contract.

2. GOODS TO BE FURNISHED/SERVICES TO BE SUPPLIED

In preparing their proposals, offerors are advised that:

- (a) If “services” are to be performed pursuant to this solicitation, they must be provided in all respects as specified in the Contract and include the services to be furnished, together with any labor, materials or other work necessary for satisfactory and complete performance.
- (b) If “supplies” are to be provided pursuant to this solicitation, they must be delivered in all respects as specified in the Contract and include the items to be furnished, together with any labor, service or other work necessary for satisfactory and complete performance.

3. COMMUNICATIONS WITH THE AUTHORITY

Prospective offerors are advised that any and all communications with WMATA relating to this solicitation and made by, or on behalf of, a prospective offeror at any time between releases of this Request for Proposals and award of a Contract hereunder, must be directed to the Contract Administrator as follows: Charmyne Reid at creidi@wmata.com.

A violation of this provision, deemed willful by the Authority, may result in a determination that an offeror is not responsible, and thus ineligible for award, for purposes of this and/or future Authority solicitations.

4. PREPARATION OF OFFERS

- (a) Offerors shall furnish all information requested by the solicitation and, in so doing, are expected to examine the Request for Proposals and all referenced documents carefully. Failure to do so will be at Offeror's risk.
- (b) The Offeror shall sign the solicitation and print or type its name on the Price Schedule and on each continuation sheet if an entry has been made. Erasures or other changes must be initialed by the person signing the offer.
- (c) Offerors must state a definite time for delivery of supplies or for performance of services unless otherwise specified in the solicitation
- (d) In preparing its proposal, an offeror should be aware that all prices for the work shall be deemed to include the cost of all work, labor and materials required by the Contract including, without limitation, delivery charges, insurance, bond premiums or any other expenses required by this Contract, as well as expenses associated with compliance with Federal, state or local laws or regulatory requirements. All prices are deemed to be F.O.B. Destination.

5. EXPLANATIONS TO OFFERORS

- (a) Any explanation desired by an offeror regarding the meaning or interpretation of the solicitation or Contract including, without limitation, the terms and conditions, technical specifications or Statement of Work, and Contract drawings, must be requested in writing with sufficient time allowed for a reply to reach all offerors before proposal closing. Absent extraordinary circumstances, all inquiries must be transmitted in a time frame to ensure the Contracting Officer's receipt at least ten (10) days prior to the date specified for proposal closing. All such requests must be submitted via e-mail or first class mail to the Contract Administrator identified in Paragraph 3. Include the RFP number and Contract title in any correspondence.
- (b) Any information that the Authority furnishes to a prospective offeror relating to the solicitation will be provided in writing to all prospective offerors in the form of an amendment if, in the Contracting Officer's judgment, the information is necessary to the preparation and/or submittal of proposals or the lack of such information would be otherwise prejudicial to other prospective offerors. Offerors must acknowledge receipt of all amendments on the form provided.
- (c) Offerors are advised that oral explanations, representations or instructions of any kind relating to the subject matter of this solicitation given at any time before award of the Contract by any employee, officer or agent of the Authority, will not be binding upon the Authority. The Authority does not assume responsibility for the accuracy of any such communication.
- (d) The failure of a prospective offeror to request an explanation will serve to preclude it from claiming any ambiguity, inconsistency or error that should have been discovered by a reasonably prudent offeror.

6. PRE-PROPOSAL CONFERENCE

N/A

7. AMENDMENTS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS

- (a) The Authority reserves the right to amend any of the terms of this RFP or the Contract, prior to the date set for the proposal closing. Copies of any such amendments as may be issued will be furnished in writing to all prospective proposers.
- (b) If, in the Contracting Officer's judgment, any amendment(s) would require material changes to price proposals and/or other substantive element(s) of the proposals, the date set for proposal closing may be postponed for such period as in the Contracting Officer's opinion will enable offerors to revise their proposals. In such instances, the amendment will include an announcement of the new date for proposal closing.
- (c) In the event of an amendment, all other terms and conditions of the solicitation shall remain unchanged.

8. ACKNOWLEDGMENT OF AMENDMENTS

Offerors are required to acknowledge receipt of all amendment(s) to the solicitation on the designated form to be submitted with their proposal. Failure to do so may, at the Contracting Officer's discretion, jeopardize the offeror's right to have its proposal reviewed by the Authority.

9. SUBMISSION OF PROPOSALS

Proposals, and any revisions thereto, shall be enclosed in sealed envelopes and addressed to the office specified in the solicitation. Proposals shall show the hour and date specified in the solicitation for receipt, the solicitation number, and offeror's name and address on the face of the envelope. Faxed proposals will not be considered.

10. PROPOSAL FORMAT INSTRUCTIONS/REQUIREMENTS

Offerors shall submit proposals as follows:

(a) Proposal Format

The original of Volumes 1 and 2 shall be unbound. All copies of Volumes 1 and 2, as well as Volume 3, will be separately bound. All copies shall have the RFP number, the proposer's identity, volume number, and volume title printed on the cover page. Volumes shall be submitted in the following order:

- (1) Volume I – Cost/Price - One (1) original copy via email **and** One (1) copy to be provided on a USB thumb drive in Microsoft Excel.
- (2) Volume II – Technical - One (1) original **and** Five (5) copies on separate USB thumb drives. (**Shall not include cost/price information**)
- (3) Volume III – Contractual - One (1) original **and** One (1) copy on USB thumb drive of any required copies of the completed signed solicitation documents to include Representations, Certifications, Pre-Award Data, Certificate of Insurance, DBE requirements per Appendix B and Amendments, if any.

- (b) Cost/Price. All information relating to cost or pricing data must be included in Volume I. Under no circumstances shall cost or pricing data be included elsewhere in the proposal.

- (c) Technical Proposal. The technical proposal should address the stated Evaluation Criteria in such a manner as to enable the Authority to engage in a thorough evaluation of its overall technical merit. Technical proposals shall be specific, detailed and complete and shall demonstrate that the offeror has a thorough knowledge and understanding of the Contract's requirements. Offerors shall avoid generalized statements that for example, paraphrase the specifications or attest that "standard procedures will be employed." The Authority wishes to be satisfied that the offeror maintains an understanding of the specific Contract requirements and maintains the means to fully satisfy them.
- (d) Contractual. The Contractual volume shall contain a completed, signed Solicitation, Offer and Award form and include Representations, Certifications, Pre-Award Data, Certificate(s) of Insurance, SBLPP requirements per Appendix C (if applicable), and any amendments. In the event that the offeror takes any exception to any of the Contract's terms and conditions, wishes to propose alternative Contract language or is otherwise unwilling or unable to satisfy any of the Contract's requirements such information should be clearly noted on the first page(s) of Volume III of the proposal. Failure to take exception shall constitute the offeror's acceptance.

11. LATE SUBMISSIONS AND REVISIONS OF PROPOSALS

- (a) Any proposal or revision received at the office designated in the solicitation after the time specified for receipt will not be considered unless it was sent, properly addressed:
 - (1) By registered or certified U.S. or Canadian mail not later than the fifth (5th) day before the date specified for proposal closing. (e.g. A proposal or revision relating to a solicitation with a closing date of the 20th of a month must have been placed in registered or certified mail by not later than the 15th of such month.);
 - (2) By first class mail, if the Contracting Officer determines that the late receipt was due solely to the Authority's mishandling after delivery on its premises; or
 - (3) By U.S. Postal Service, Express Mail, Next Day Service, not later than 5:00 p.m. at the place of mailing two (2) business days prior to the date specified for proposal closing; or
- (b) A revision submitted after the date and time set for proposal closing will only be accepted if the Contracting Officer authorizes it. A submission in the nature of a Best and Final Offer ("BAFO") received after the time and date specified in the Contracting Officer's request for BAFOs will not be considered unless received before award and, in Contracting Officer's judgment, the late delivery was not attributable to the offeror's acts or omissions.
- (c) The only acceptable evidence to establish the time of receipt by the Authority is the time/date stamp of that event on the proposal or any other documentary evidence of receipt maintained by the Authority.
- (d) A proposal received after proposal closing may be considered if it is the only proposal received for the solicitation, or if a late revision of any otherwise successful proposal makes its terms more favorable to the Authority.

12. WITHDRAWAL OF PROPOSALS

Proposals may be withdrawn by written notice received by the Authority before award. Proposals may be withdrawn in person by an offeror or an authorized representative, if the representative's identity is appropriately demonstrated and the representative signs a receipt for the proposal before award. A proposal may not be withdrawn after ninety (90) days from proposal closing without the Contracting Officer's written approval.

13. RECEIPT AND REVIEW OF PROPOSALS BY THE AUTHORITY

- (a) There will be no public opening of proposals for this solicitation. Proposals will be opened by the designated Authority representative and copies of the five (5) volumes of the proposal will be distributed for review by Authority designated personnel only, as appropriate. All reasonable efforts will be made to ensure confidentiality of the information contained in the proposals, consistent with applicable provisions of law.
- (b) The Authority may award a Contract on the basis of the initial proposals as evaluated in accordance with the Evaluation Criteria without discussions. Accordingly, the initial proposal should contain the offeror's best terms from both a price and technical standpoint.
- (c) Notwithstanding a determination by the Authority to proceed without conducting substantive negotiations or discussions with offerors, the Authority may engage in communications with one (1) or more offerors relating to clarification(s) of their proposals.
- (d) The Contracting Officer may, in his or her discretion engage in oral or written discussions with one (1) or more offerors regarding the Authority's understanding of the proposals and/or to discuss deficiencies in the initial proposals. In determining those offerors with whom he or she chooses to engage in discussions, the Contracting Officer shall first make a determination regarding the initial proposals that he or she deems to be within the competitive range for Contract award. The Contracting Officer shall conduct discussions with all offerors submitting proposals that are within the competitive range.
- (e) The Contracting Officer may, following such discussions, direct those offerors whose proposals are within the competitive range to submit Best and Final Offers ("BAFOs"). In such instances, the Contracting Officer shall award the Contract based upon his or her review of the BAFOs in accordance with the Evaluation Criteria. Nothing contained herein shall limit, modify or impair the Contracting Officer's right to engage in any additional oral or written discussions or other communications relating to the solicitation that may, be consistent with the Authority's best interests.
- (f) N/A
- (g) N/A
- (h) The Authority maintains the right to waive informalities and minor irregularities in proposals at any time during the solicitation process.

14. EVALUATION CRITERIA AND BASIS FOR AWARD

BEST VALUE

Proposals will be evaluated based upon application of the following Evaluation Criteria:

Sample Card Submittal Requirements

Contractors shall submit fully functional, uninitialized MiFare Plus X card sample cards for printing and manufacturing quality analysis, along with their full proposal documentation. Samples should be packaged and labeled as indicated in the Scope of Work "Packaging and Delivery."

Contractors should not submit samples to Metro that fail to meet the requirements described in this specification.

Contractor will submit four separate sample sets, each with 500 cards. Three of the sample sets should include custom graphics and logos, and one sample set should include photos printed on the samples as an example of personalization capabilities.

Contractor will submit 25 of each alternative form factor that is being proposed as an optional service.

WMATA will test the card samples and determine consistency in printing and manufacturing, as well ability to be encoded and operate in the WMATA system. Test procedures will include dispensing from vending machines.

- The Proposer must demonstrate at least five years of experience in manufacturing MiFare Smartcards. Proposer must demonstrate MiFare manufacturing capabilities and demonstrate the capability to manufacture cards, fobs, and stickers that can be used to compliment the MiFare Plus Smartcard format.
- The Proposer must provide at least five (5) recent customer performance evaluations or letters of recommendations for services similar in size and scope during the past 5 years. Provide name of customer, date and duration of work, describe technical work performed, contract #, and point of contract (with email and telephone #).

Quality of Management, Staffing Plans, and Responsiveness to Performance Requirements

- Ability to integrate CUBIC® Initialization process SF/HDW into production line.
- Card types may vary based upon changes in ridership each year; therefore, Proposers must provide the following information:
 - A. Proposals must provide successful past experience manufacturing MiFare-based smartcards over the past 12 months. The Proposer must provide the quantity of MiFare- based cards available to meet the Authority's needs.
 - a. A list of Suppliers must be included
 - B. Proposals must include, printed card samples according to the electronic graphics artwork provided by WMATA. The printing of serial numbers in accordance with the specification must be included on the sample cards. Serial number font size requirements do not apply to sample fobs and stickers.
- Technical Solution: The Proposer must provide a Technical Implementation approach to address the requirements of the Scope of Work that is realistic and reasonable; specifically, address fulfilling the technical requirements. Card samples (10) must be provided as part of the technical response submittal. Proposer should demonstrate and/or provide detailed and specific details for:

- a. Staffing Plan. All individuals assigned to this project should have relevant qualifications and expertise. Please provide current resumes.
- b. Training Plan
- c. Technology integration plan
- d. Transition Plan and Schedule
- e. Service Level Agreement (SLA)/Key performance indicators (KPI)
- f. Inventory Control Plan
- g. Operations Plan
 - i. Meeting cadence and communication protocols
 - 1. Routine Audit compliance
 - ii. Physical Security Description
 - 1. Physical location of plant and inventory storage facilities
 - 2. Locks and controlled access
 - 3. Cameras or other monitoring
 - 4. Logging in and out of inventory
 - 5. Contingency Inventory location security information
- h. Tracking plan
 - i. Card types in storage
- i. Order tracking system with sample reports of Order date quantities tracked through delivery. Note any system limitations for fulfillment of orders.
- j. Contingency Inventory for Disaster Recovery
- k. Monthly Inventory Report
- l. Warranty Information

The Authority will award a contract to the responsible offeror whose proposal conforms to the solicitation and is judged to be the most advantageous to the Authority based on an overall assessment of technical merit and price in accordance with the Evaluation Criteria. In conducting this assessment:

Proposers should be aware that both price and overall technical merit are of extreme importance to the Authority in this Solicitation. Where its review concludes that two or more Proposals are of substantially similar overall value, the Authority will place greater weight upon the technical aspects of the Proposals.

15. **RATINGS FOR PROPOSAL EVALUATION CRITERIA**

Each criterion will be rated using the adjectival scoring method as follows:

Definition of adjectival rankings:

- | | |
|--------------|--|
| Exceptional | Exceeds specified performance or capability in a beneficial way to WMATA, and has no weakness. |
| Acceptable | Meets evaluation standards required under the technical provisions. Weaknesses are correctable. |
| Marginal | Fails to meet evaluation standard; however any significant deficiencies are correctable. Lacks essential information to support a proposal. |
| Unacceptable | Fails to meet an acceptable evaluation standard and the deficiency is uncorrectable. Proposal would have to undergo a major revision to become |

acceptable. Demonstrated lack of understanding of WMATA's requirements or omissions of major areas.

A rating of "Acceptable" or higher is required to be eligible for award consideration. Offerors are cautioned to be aware of this standard when preparing proposals.

16. N/A

17. **PRICE PROPOSAL EVALUATION**

(a) The Contracting Officer will evaluate price proposals for reasonableness, completeness, and realism as appropriate. Costs will be evaluated in terms of the following:

- (1) Submittal of proposed prices for both the base year (s) and the option year(s), if any;
- (2) Any offer that is materially unbalanced may be rejected. An unbalanced offer is one (1) that is based on prices that are significantly overstated for some items and understated for other items;
- (3) The Contracting Officer will compare the price proposals to the Authority's estimate and otherwise determine reasonableness by performing a price analysis, if adequate competition exists. If, in the Contracting Officer's judgment, adequate price competition does not exist, he or she will conduct a cost analysis in order to ascertain whether the proposed price is fair and reasonable;

(b) The offeror shall provide certified cost or pricing data if the Contracting Officer requests it.

18. **TECHNICAL PROPOSAL EVALUATION**

The Authority will evaluate the technical proposal in accordance with the "Evaluation Criteria" set forth in paragraph 14 and render an assessment as to the overall technical merit of the proposal. The proposal's failure to demonstrate that it meets or surpasses an acceptable level with respect to any such element may result in a determination that the proposal is unacceptable and thus ineligible for award.

19. **PRE-AWARD INFORMATION/CONTRACTOR RESPONSIBILITY**

- (a) In order to be eligible for award of a Contract, a proposer must affirmatively demonstrate to the Contracting Officer's satisfaction that it is responsible for purposes of this Solicitation. Such demonstration must include a showing that it maintains the requisite integrity, overall technical expertise and experience, (including prior performance on other Authority contracts or contracts with other government agencies), and sufficient financial resources to perform the Contract in a timely, satisfactory and appropriate manner.
- (b) The Contracting Officer may conduct a pre-award survey and/or take other actions to obtain information regarding the proposer's responsibility, if its offer is in the competitive range or is otherwise under consideration for award. The proposer shall promptly supply information that the Contracting Officer requests regarding its responsibility in such manner and form as he or she requests.

- (c) Among other items, a proposer shall furnish the following when the Contracting Officer requests:
- (1) A completed and signed "Pre-Award Evaluation Data" form (copy attached), including all referenced financial statements and information;
 - (2) Evidence of good standing in the System for Award Management (SAM) at www.sam.gov.
 - (3) Small Business Local Preference Program (SBLPP) documentation (if applicable) as set forth in Appendix C. The offeror's failure to supply this information or otherwise fully cooperate with the Authority's inquiry may result in a determination that the offeror is not responsible for purposes of this solicitation and thereby ineligible for award.

20. PRE-AWARD MEETING

The Authority reserves the right to require that a pre-award meeting be held with the apparent successful offeror prior to Contract award in order to review the offeror's understanding of the Contract's requirements and/or further assist the Authority in determining the offeror's responsibility for purposes of award. The Contractor shall be represented at such meeting by individual(s) fully familiar with the Contractual requirements including, where so requested by the Contracting Officer, representative(s) of one or more major subcontractor(s).

21. SITE VISIT/INSPECTION OFFEROR'S FACILITIES

A successful Offeror must maintain sufficient facilities that will allow it to adequately perform Contract as specified herein. WMATA may make site visits prior to Contract award to examine the offeror's facilities.

22. CONTRACT AWARD

- (a) At the conclusion of the technical and price evaluation processes, the Contracting Officer will award a Contract to the responsible offeror whose proposal conforms to the solicitation and is the most advantageous to the Authority based upon application of the Evaluation Criteria. Such determination shall be based upon the initial proposals received where the Contracting Officer determines not to conduct discussions or shall be based upon the BAFOs, if the Contracting Officer directs their submission.
- (b) N/A
- (c) A written award mailed or otherwise furnished to the successful offeror at any time prior to withdrawal of the proposal shall result in a binding Contract without further action by either party. Discussions conducted after receipt of an offer do not constitute the Authority's rejection or counteroffer.
- (d) The Authority reserves the right to reject and any all proposals received and decline to enter into a Contract pursuant to this solicitation, if it deems such action is in the Authority's best interests.

23. PERFORMANCE/PAYMENT BONDS

N/A

24. OPPORTUNITY FOR DISADVANTAGED BUSINESS ENTERPRISES TO PROPOSE

The Washington Metropolitan Area Transit Authority hereby notifies all prospective offerors that it will affirmatively ensure that disadvantaged minority business enterprises will be afforded full opportunity to submit proposals in response to this solicitation and will not be discriminated against on the basis of race, color, creed, sex, religion, national origin, disability, sexual preference or gender identity in consideration for award.

25. WMATA'S TAX EXEMPT STATUS

- (a) Pursuant to Article XVI, Paragraph 78, of the Washington Metropolitan Area Transit Authority's Compact, as adopted by the State of Maryland, the District of Columbia, and the Commonwealth of Virginia, with the authorization and consent of the Congress of the United States, the Authority has been accorded exemption from taxes as follows:

"The Authority and the Board shall not be required to pay taxes or assessments upon any of the property acquired by it or under its jurisdiction, control, possession or supervision, or upon its activities in the operation and maintenance of any transit facility or upon any revenues therefrom, and the property and income derived therefrom shall be exempted from all Federal, State, District of Columbia, municipal, and local taxation. This exemption shall include without limitation, all motor vehicle license fees, sales taxes and motor fuel taxes."

- (b) By submission of its proposal, the offeror certifies that none of the taxes that the Authority is exempt from are included in its cost proposal.

26. RESTRICTION ON DISCLOSURE AND USE OF DATA

The Authority shall provide all reasonable precautions to ensure that proprietary, technical and pricing information remains within the review process. Offerors shall attach to any proprietary data submitted with the proposal the following legend:

- (a) "This data furnished pursuant to this RFP shall not be disclosed outside the Authority, be duplicated, or used, in whole or in part, for any purpose other than to evaluate the offer. If a Contract is awarded on the basis of this offer, the Authority shall have the right to duplicate, use, and disclose this data, in any manner and for any purpose whatsoever.
- (b) This information does not limit the Authority's right to use information contained in this data, if the Authority obtains it from another independent, legitimate source.
- (c) Except for the foregoing limitation, the Authority or its agents may duplicate, use, and disclose in any manner and for any purpose whatsoever, all data furnished in response to this solicitation."

27. ENGLISH LANGUAGE AND UNITED STATES CURRENCY

With respect to both this solicitation and the resultant Contract:

- (a) All communications (oral, written, electronic and otherwise including but, not limited to, software coding) shall be in the English language.
- (b) All pricing shall be in United States dollars.

28. BRAND NAME OR EQUAL

- (a) If items called for by this RFP have been identified in the Price Schedule by a "brand name or equal" description, such identification is intended to be descriptive, but not restrictive, and is to indicate the quality and characteristics of products that will be satisfactory. Proposals offering "equal" products including products of the brand name manufacturer other than the one (1) described by brand name will be considered for award, if such products are clearly identified in the proposals and the Authority determines them to fully meet the salient characteristics (physical, functional, or performance) requirements in the Statement of Work (SOW).
- (b) Unless the offeror clearly indicates in its proposal that it is offering an "equal" product, the proposal shall be considered as offering a brand name product referenced in the RFP.
- (c) If the offeror proposes to furnish an "equal" product, the brand name, if any, of the product to be furnished in the space provided in the RFP, or such product shall be otherwise clearly identified in the proposal. The determination as to equality of the product offered shall be at the Authority's sole discretion.

CAUTION TO OFFERORS. WMATA is not responsible for locating or securing any information that is not identified in the proposal and reasonably available to the Authority. The offeror must furnish as a part of its proposal all descriptive material (such as cuts, illustrations, drawings, or other information) necessary for the Authority to determine whether the product offered meets the salient characteristics of the RFP.

The information furnished may incorporate by specific reference, information previously furnished or otherwise available to the Authority. If the Offeror proposes to modify a product to make it conform to the RFP, it shall include in the proposal, a clear description of such proposed modifications, and clearly mark any descriptive material to show the proposed modifications.

29. REQUESTS FOR RECORDS

The Washington Metropolitan Area Transit Authority (WMATA), in the regular course of business, may receive from the public, including prospective vendors and bidders, requests for records on a variety of topics. It is WMATA's policy to make official agency records, including electronic records, available to the public, unless specifically prohibited by WMATA's policy or applicable laws.

- (a) "Records" means any existing writings, drawings, maps, recordings, tapes, film, microfilm, correspondence, forms, cards, photographs, optical disks, photo copies, and records stored by computer (electronic records) that are made or received by WMATA in connection with a public contract. A record does not include uncirculated personal notes, papers, electronic records and any other records that were created and retained solely as work papers for personal use of the Contracting Officer, Contract Administrator or other WMATA employee.

- (b) WMATA's contracting process allows for the release/posting of certain information concerning this Contract after its award. This includes the name of the successful offeror and the amount of the award. This information is available on WMATA's website under "Business with Metro" or directly from the Contract Administrator.
- (c) Upon WMATA's request, the successful offeror shall be required to provide a redacted copy of the successful technical and price proposals with confidential and proprietary information redacted.
- (d) After the award is announced, the winning proposal may be subject to release under WMATA's Public Access to Records Policy (PARP).
- (e) When WMATA determines that a successful proposal will be of wide public interest, WMATA will post the redacted proposal on its website. When WMATA receives three (3) or more requests for a successful proposal, WMATA will post the redacted proposal on its website.
- (f) Requests for Records that are not made available during the procurement process and that are not generally made available during the de-briefing process will be submitted in accordance with the PARP. Requests must be in writing and sent by mail to the Office of General Counsel, Washington Metropolitan Area Transit Authority, 600 Fifth Street, NW, Washington, D.C. 20001, or by electronic mail at parpprivreq@wmata.com or by facsimile to the attention of the PARP Administrator at (202) 962-2550. If a request for records is sent directly from the requestor to a Contract Administrator, department, or independent office, that entity shall immediately forward the request to the PARP Administrator in the Office of General Counsel. If records are subject to a PARP request, a member of the PARP team will contact the company to begin the PARP document review process, which includes providing detailed written justifications for any information for which exemptions are claimed.
- (g) Neither WMATA's proposal/debriefing process nor the PARP process generally allow for the release of information that would cause competitive harm to the proposers, other organizations, WMATA's employees, or interests. Information that will be withheld includes the following:
 - (1) The names of unsuccessful offerors;
 - (2) The technical and price proposals of unsuccessful offerors;
 - (3) Personal information (this does not include education and qualifications which are released) about the successful offeror or its employees that is not available to the public on the website of the successful offeror;
 - (4) Unit price details of the successful price proposal (this does not include the bottom line price, which is released);
 - (5) WMATA's technical evaluation of any proposals submitted to WMATA pursuant to a solicitation;
 - (6) The names of the vendors who file a protest to the solicitation or its award;
 - (7) The written adjudication of any protests;
 - (8) Personal information concerning WMATA's employees; and
 - (9) Trade secrets and confidential commercial or financial information obtained from an offeror.

- (h) If your company's records are subject to a PARP request (i.e., if it is the successful offeror), a broad claim of confidentiality for the entire proposal or pages of the proposal is rarely acceptable, and will likely be rejected during the PARP process. Therefore, WMATA suggests that you narrowly identify your confidential/proprietary information based on the following guidance:
- (i) Information that may be withheld/redacted:
 - (1) Detailed pricing except bottom line offer amounts;
 - (2) Trade Secrets;
 - (3) Unique proprietary solutions not publicly known;
 - (4) Employee/personnel names below the executive level; however, information regarding qualifications of employees is released; and
 - (5) Subcontractor/vendor identities, if not publicly known.
- (j) Public information subject to release:
 - (1) Any information on your company's website;
 - (2) Publicly known information (even if not on your company's website);
 - (3) General company background;
 - (4) Mere compliance with RFP requirement; and
 - (5) Anything standard to the industry.

30. NOTICE OF PROTEST POLICY

- (a) The Authority's procedure for the administrative resolution of protests is set forth in Chapter 17 of the Procurement Procedures Manual. The procedures contain strict rules for filing a timely protest, for responding to a notice that a protest has been filed, and other procedural matters.
- (b) Alleged violations must be submitted to the Contracting Officer who will administratively decide the protest.
- (c) The United States District Courts for the Districts of Maryland, Virginia and the District of Columbia, and the local courts in Maryland, Virginia and the District of Columbia have jurisdiction over court actions concerning protest decisions.

REPRESENTATIONS & CERTIFICATIONS

Instructions: Check or complete all applicable boxes or blocks on this form and submit it with your offer.

1. TYPE OF BUSINESS ORGANIZATION

By submission of this offer, the offeror represents that it operates as ☐ an individual, ☐ a partnership, ☐ a limited liability company, ☐ a joint venture, ☐ a nonprofit organization, or ☐ a corporation, incorporated under the laws of the State of _____.

Name	Signature
Title	Company
Date	

2. AFFILIATION AND IDENTIFYING DATA

Each offeror shall complete 2.1, 2.2 if applicable, and 2.3 below, representing that:

2.1 It ☐ is, ☐ is not, owned or controlled by a parent company. For this purpose, a parent company is defined as one that either owns or controls the activities and basic business policies of the offeror. To own another company, means that the parent company must own at least a majority, i.e., more than fifty percent (50%), of the voting rights in that company. To control another company, such ownership is not required. If another company is able to formulate, determine or veto the offeror's basic business policy decisions, such other company is considered the parent of the offeror. This control may be exercised through the use of dominant minority voting rights, use of proxy voting, Contractual arrangements or otherwise.

2.2 If the offeror is owned or controlled by a parent company, it shall insert in the space below the name and main office address of the parent company:

Name of Parent Company

Main Office Address (including ZIP Code)

2.3 If the offeror has no parent company, it shall provide in the applicable space below its own employer's identification number (E.I.N.), (i.e., number used on Federal tax returns or, if it has a parent company, the E.I. N. of its parent company).

Offeror E.I. N.: _____ or, Parent Company's E.I. N.: _____

Name	Signature
Title	Company
Date	

3. SMALL BUSINESS & LOCAL PREFERENCE PROGRAM (SBLPP)

This representation is applicable to non-federally assisted contracts. By submission of this offer, the offeror represents that:

- (a) It ☐ is, ☐ is not, a small business and local preference program enterprise certified firm. "Small Business and Local Preference Program" enterprise means a for profit small business concern that is located in the District of Columbia, Maryland, or Virginia and meets the U.S. Small Business Administration small business size standards.

Name	Signature
Title	Company
Date	

4. COVENANT AGAINST GRATUITIES

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

Neither it nor any of its employees, representatives or agents have offered or given gratuities (in the form of entertainment, gifts or otherwise) to any Board member, employee or agent of the Authority with the view toward securing favorable treatment in the awarding, or administration of this Contract.

Name	Signature
Title	Company
Date	

5. CONTINGENT FEES

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

- 5.1** It ☐ has, ☐ has not, employed or retained any company or persons (other than a full-time, bona fide employee working solely for the offeror) to solicit or secure this Contract, and
- 5.2** It ☐ has, ☐ has not, paid or agreed to pay any company or person (other than a full-time, bona fide employee working solely for the offeror) any fee, commission, percentage, or brokerage fee contingent upon or resulting from the award of this Contract.

Name	Signature
Title	Company
Date	

6. DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION

This certification is applicable to federally assisted contracts over \$25,000.

6.1 Primary Covered Transactions. This certification applies to the offer submitted in response to this solicitation and will be a continuing requirement throughout the term of any resultant Contract.

6.1.1 In accordance with the provisions of 2 C.F.R. Part 1200 and 2 C.F.R. Part 180, Subpart C, the offeror certifies to the best of its knowledge and belief that it and its principals:

6.1.1.1 are not currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal or state department or agency;

6.1.1.2 have not, within a three (3) year period preceding this offer, been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, state, or local) transaction or contract under a public transaction; violation of Federal or state antitrust statutes, or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

6.1.1.3 are not currently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, state, or local) with commission of any of the offenses enumerated in paragraph (1)(ii) of this certification; and have not, within a three (3) year period preceding this offer, had one (1) or more public transactions (Federal, state, or local) terminated for cause or default.

6.1.2 Where the offeror is unable to certify to any of the statements in this certification, the offeror shall attach an explanation to this offer.

6.2 Lower Tier Covered Transactions. This certification applies to a subcontract at any tier expected to equal or exceed \$25,000 and will be a continuing requirement throughout the term of this Contract.

6.2.1 The prospective lower tier subcontractor certifies, by submission of this offer, that neither it nor its principals is currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal or state department or agency.

6.2.2 Where the prospective lower tier subcontractor is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

6.3 The Certification required by 6.2, above, shall be included in all applicable subcontracts and the Contractor shall keep a copy on file. The Contractor shall be required to furnish copies of certifications to the Contracting Officer upon his or her request.

Name	Signature
Title	Company
Date	

7. CERTIFICATION OF INDEPENDENT PRICE DETERMINATION

7.1 By submission of its offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that in connection with this procurement:

7.1.1 The prices in this offer have been arrived at independently, without, for the purpose of restricting competition, any consultation, communication, or agreement with any other offeror or with any other competitor;

7.1.2 Unless otherwise required by law, the prices that are quoted in this offer have not been knowingly disclosed by the offeror and will not be knowingly disclosed by the offeror prior to award (in the case of a negotiated procurement), directly or indirectly, to any other offeror or to any competitor; and

7.1.3 No attempt has been made or will be made by the offeror to induce any other person or firm to submit or not to submit an offer, for the purpose of restricting competition.

7.2 Each person signing this offer certifies that:

7.2.1 He or she is the person in the offeror's organization responsible for the decision regarding the prices being offered herein and that he/she has not participated, and will not participate, in any action contrary to 7.1.1 through 7.1.3 above; or

7.2.2 He or she is not the person in the offeror's organization responsible for the decision regarding the prices being offered herein, but that he/she has been authorized in writing to act as agent for the persons responsible for such decision in certifying that such persons have not participated; and will not participate, in any action contrary to 7.1.1 through 7.1.3 above; or and as their agent he or she does hereby so certify.

Name	Signature
Title	Company
Date	

8. NONDISCRIMINATION ASSURANCE

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, in connection with this procurement, that it will not discriminate on the basis of race, color, creed, religion, national origin, sex, age, disability, sexual preference and/or gender identity in the performance of this Contract.

The offeror is required to insert the substance of this clause in all subcontracts and purchase orders. The Contractor's failure to carry out these requirements is a material breach of this Contract, that may result in the termination of this Contract or such other remedy as the Authority deems appropriate. The offeror further agrees by submitting this offer, that it will include this certification, without modification, in all subcontracts and purchase orders.

Name	Signature
Title	Company
Date	

9. DISCLOSURES OF INTERESTS OF WMATA BOARD MEMBERS

For purposes of this disclosure, terms in bold are defined by the Code of Ethics for Members of the WMATA Board of Directors a copy of which is available at www.wmata.com. Financial interests include ownership interests and prospective and actual income. Firm includes parents, subsidiaries and affiliates.

By submission of this offer, the offeror certifies, and in the case of a joint offer, each party thereto certifies as to its own organization, that to the best of its knowledge, information and belief in connection with this procurement:

9.1 ☐ No WMATA **Board member, household member or business associate** has a financial interest in this firm, in a **financial transaction** with the Authority to which this firm is a party or prospective party, or in an **actual or prospective business relationship with the Authority** to which this firm is a party.

9.2 ☐ The following WMATA **Board member(s), household member(s) or business associate(s)** has a financial interest in this firm, in a **financial transaction** with the Authority to which this firm is a party or prospective party, or in an **actual or prospective business relationship with the Authority** to which this firm is a party. Include in "Nature of Interest" below, a description of the financial interest and (1) for ownership interests, the value of the interest, the name and address of the firm in which the interest is held, and the total equity or equivalent interest of the firm; and (2) for income, the amount of all income received by the **Board member, household member or business associate** in the current and preceding fiscal year for services provided, and the name and address of the firm from which the income was received.

Name of Board Member Household Member or Business Associate <hr style="width: 100%;"/> <hr style="width: 100%;"/> <hr style="width: 100%;"/>	Nature of Interest <hr style="width: 100%;"/> <hr style="width: 100%;"/> <hr style="width: 100%;"/>
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9.3 The certification required by 9.1 and 9.2 above shall be included in all subcontracts. The prime contractor shall furnish copies of certifications to the Contracting Officer and retain a copy for inspection upon his or her request.

Name	Signature
Title	Company
Date	

10. CRIMINAL BACKGROUND SCREENING CERTIFICATION (QUARTERLY)

The Contractor hereby certifies that:

- 10.1** The Contractor has contracted with or otherwise engaged a reputable third-party vendor to conduct criminal background screenings of all Contractor personnel who would work on WMATA's premises or otherwise have access to WMATA's customers, property, or confidential information in connection with the Contractor's contract with WMATA (the "WMATA contract").
- 10.2** The Contractor screened for criminal conviction histories all Contractor personnel who have worked on WMATA's premises or otherwise have had access to WMATA's customers, property, or confidential information during the following calendar quarter: _____ to _____ [specify the calendar quarter to which this Certification applies, i.e., Jan. 1, 2017-Mar. 31, 2017] (the "Calendar Quarter").
- 10.3** The Contractor conducted the screenings identified in paragraph (2) above according to standards that complied with the requirements of the WMATA contract taking into consideration (1) the nature of the services or work being performed with particular regard for the individual's access to, and interaction with, WMATA's customers, property, and confidential information; (2) the nature or gravity of the offense or conduct resulting in the criminal conviction; and (3) the time that has lapsed since the offense, conduct and/or completion of the sentence.
- 10.4** The Contractor determined that all Contractor personnel working on the WMATA contract during the Calendar Quarter passed the Contractor's criminal background screening and were in good standing and otherwise fit to work on the WMATA contract.
- 10.5** In making the determination discussed in paragraph (4), the Contractor relied on the results of criminal background screenings conducted no earlier than one (1) year prior to the beginning of the Calendar Quarter.
- 10.6** The Contractor has not obtained or otherwise been made aware of any information about any Contractor personnel working on the WMATA contract that contradicts or otherwise impacts the Contractor's determination that such persons passed the Contractor's criminal background screening and/or are fit to work on the WMATA contract.

Name	Signature
Title	Company
Date	

11. CERTIFICATION REQUIRED FOR ALL SAFETY-SENSITIVE¹ CONTRACTS.

- 11.1** By submission of this offer, the offeror represents and certifies that it will comply with the Federal Transit Administration (FTA) regulations, "Prevention of Alcohol Misuse and Prohibited Drug Use in Transit Operations," 49 C.F.R. Part 655, and applicable provisions of the U.S. Department of Transportation (DOT) regulations, "Procedures for Transportation Workplace Drug and Alcohol Testing Programs," 49 C.F.R. Part 40.
- 11.2** Offeror agrees that its employees and agents, including but not limited to, safety-sensitive subcontractors will be enrolled in a drug and alcohol testing program that meets the policy and procedural requirements listed in Appendix A of this document.
- 11.3** Offeror understands that Washington Metropolitan Area Transit Authority (WMATA) will perform oversight during the contract's period of performance to ensure that the successful offeror complies with the DOT/FTA regulations.
- 11.4** Failure to comply with this certification may result in WMATA issuing sanctions and pursuing available contractual remedies.

Name	Signature
Title	Company
Date	

¹ See the Combined Glossary for a definition of "safety-sensitive."

PRE-AWARD EVALUATION DATA

PROJECT DESCRIPTION: _____

1. Name of firm _____

2. Address: _____

3. ☐ Individual ☐ Partnership ☐ Corporation ☐ Joint Venture

4. Date organized _____.

State where incorporated or organized _____.

5. Names of officers or partners:

a. _____

b. _____

c. _____

d. _____

e. _____

f. _____

6. How long has your firm been in business under its present name?

7. Attach as Schedule One (1) a list of similar current contracts that demonstrate your firm's technical proficiency, each with contract amount, name of contracting party, character or type of work and percentage of completion.

8. Attach as Schedule Two (2) a list of similar contracts, each with contract amount, name of contracting party, and character or type of work for similar contracts completed in the last two (2) years.

9. In the last two (2) years has your firm been denied an award where it was the offeror?

If the answer is yes, attach as Schedule Three (3) the full particulars regarding each occurrence.

10. Has your firm failed to complete, in the last two (2) years, any contract on which it was the offeror?

If the answer is yes, attach as Schedule Four (4), the full particulars regarding each occurrence.

11. Financial resources available as working capital for the Contract:

a. Cash on hand: \$ _____

- b. Sources of credit: _____
12. Attach as Schedule Five (5) financial statements and letters from banks regarding credit as required by the "Pre-Award Information" article.
13. What percentage of work (Contract amount) does your firm intend performing with its own personnel? %.
14. Attach as Schedule Six (6), a list of all principal subcontractors and the percentage and character of work (Contract amount) that each will perform. Principal items of work shall include, but not be limited to, those items listed in the "Pre-Award Information" article.
15. If the Contractor or subcontractor is in a joint venture, submit "Pre-Award Evaluation Data" forms for each member of the joint venture.

The above information is confidential and will not be divulged to any unauthorized personnel.

The undersigned certifies to the accuracy of all information.

COMPANY: _____

SIGNATURE: _____

NAME: _____

TITLE: _____

DATE: _____

TERMS AND CONDITIONS

CHAPTER I – TERMS AND CONDITIONS

1. AGREEMENT

The work to be performed under this Contract may briefly be described as manufacturing, supplying and distributing Custom Contactless Smart Cards (CSC) and other services, including all necessary or incidental work, labor and materials. The Contractor agrees to perform the work in accordance with requirements and terms and conditions hereinafter set forth in this Contract. In consideration for the Contractor's complete, satisfactory and proper performance of the Contract, the Authority agrees to pay to the Contractor, and the Contractor agrees to accept as full compensation, the sums of money set forth in the Price Schedule at the time and in the manner and upon the terms and conditions set forth in the Contract.

2. ARRANGEMENT OF CONTRACTUAL PROVISIONS

For ease of reference, this Contract is divided into chapters, articles (also referred to as "clauses") paragraphs and subparagraphs. While the chapters and articles are titled, it is understood that both the use of such titles and the manner and overall arrangement of the Contractual provisions are intended solely for the convenience of the parties and are without independent Contractual or legal significance.

3. ORDER OF PRECEDENCE

- (a) Any inconsistency in the Contract shall be resolved by giving precedence to the following order: (a) terms and conditions (b) the specifications or Statement of Work; (c) drawings, if any; (d) other documents, exhibits, and attachments generated by the Authority as part of the Contract; (e) the technical proposal, if any, and other Contractor submissions generated as part of the Contract. In the event of a conflict within or between provisions entitled to equal precedence, the more stringent requirement shall apply.
- (b) Notwithstanding paragraph (a), if this Contract is funded, in whole or part, through funding provided by the Federal Government, all contract terms mandated for inclusion by the Federal Government shall be deemed to supersede any other conflicting or inconsistent provisions of the Contract.

4. REQUIREMENTS CONTRACT

N/A

5. INDEFINITE QUANTITY CONTRACT

- (a) This is an indefinite-quantity Contract for the supplies or services specified, and effective for the period of performance stated in the Price Schedule. The quantities of supplies and/or services specified in the Price Schedule are estimates only and are not purchased by this Contract.
- (b) Delivery or performance shall be made only as the Contracting Officer authorizes through orders made in accordance with the "Ordering" and "Order Limitations" articles. The Contractor shall furnish to the Authority, when and if ordered, the supplies and/or services specified in the Price Schedule up to and including the

quantity designated in the Price Schedule as the “maximum.” The Authority shall order at least the quantity of supplies and/or services designated in the Price Schedule as the “minimum.”

- (c) There is no limit on the number of orders that may be issued other than any limitations imposed by the “Order Limitations” clause. The Authority may issue orders requiring delivery to multiple destinations or performance at multiple locations.
- (d) Any order issued during the effective period of this Contract and not completed within that period shall be completed by the Contractor within the time specified in the order. This Contract and WMATA’s Procurement Procedures Manual (PPM) shall govern the parties’ rights and obligations regarding that order to the same extent that they would have governed the order had it been completed during the Contract’s effective period.

6. ORDERING

- (a) The Contracting Officer shall order any supplies and/or services to be furnished under this Contract by the issuance of delivery orders or task orders. Such orders may be issued throughout the Period of Performance.
- (b) All delivery orders or task orders are subject to the terms and conditions of this Contract. In the event of a conflict between a delivery order or task order and this Contract, this Contract shall control.
- (c) If mailed, a delivery order or task order is considered “issued” when the Authority places the order in the mail. Orders may be issued electronically, if authorized by the Price Schedule.

7. ORDER LIMITATIONS

- (a) *Minimum order.* When the Authority requires supplies and/or services covered by this Contract in an amount less than the quantities stated in the Price Schedule Sheet, the Authority is not obligated to purchase, nor is the Contractor obligated to furnish those supplies and/or services under this Contract.

The Minimum and Maximum Order(s) are provided on the attached Price Schedule Sheet.

- (b) *Maximum order.* The Contractor is not obligated to honor:

(1) Any order for a single item in excess of the quantities stated in the Price Schedule Sheet.

The Minimum and Maximum Order(s) are provided on the attached Price Schedule Sheet.

8. AUDIT, AVAILABILITY, AND INSPECTION OF RECORDS

- (a) Authorized persons. The Contracting Officer and his or her representatives, including representatives of the Authority’s governing jurisdictions and any other Federal, state,

or local entity providing funding for this Contract and the U.S. Comptroller General shall have access and inspection rights described in this article.

- (b) Examination of costs. The Contractor shall maintain, and the Contracting Officer shall have the right to examine and audit, all records sufficiently to properly reflect all costs incurred or anticipated to be incurred directly or indirectly in performance of this Contract. This right of examination shall include inspection of the Contractor's facilities engaged in performing this Contract at all reasonable times.
- (c) Cost or pricing data. If the Contractor is required to submit cost or pricing data in connection with any pricing action relating to this Contract, the Contracting Officer shall have the right to examine and audit all of the Contractor's records related to: (1) any proposal for the Contract, subcontract, or modification; (2) any clarifications or discussions conducted on the proposal; (3) pricing of the Contract, subcontract or modification; or (4) performance of the Contract, subcontract or modification.
- (e) Availability. The accounts, records and cost information required to be originated under this Contract, and together with all other accounts, records and cost information related to this Contract, shall be maintained and made available by the Contractor and subcontractor(s):
 - (1) At their offices at all reasonable times for inspection, audit, reproduction or such other purposes as the Contracting Officer or by anyone he or she authorizes may require or pursuant to any other provision of this Contract; and
 - (2) Except to the extent otherwise expressly set forth in this Contract, until three (3) years from the date of final payment under this Contract. If the Contract is completely or partially terminated, such records shall be maintained for a period of three (3) years from either the date of any resulting final settlement or the date of final payment, whichever is later? If a pricing adjustment is involved in any dispute or litigation related to this Contract, such records shall be maintained for a period equal to the later of three (3) years from the date of final payment or one (1) year following the final disposition of the dispute or litigation.
- (e) Subcontracts. The Contractor shall insert this article, in all subcontracts that exceed \$100,000.

9. AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR

Funds are not guaranteed for performance under this Contract beyond the current fiscal year that ends on June 30th. The Authority's obligation for performance of this Contract beyond that date is contingent upon the availability of funds from which payment for Contract purposes can be made. The Authority's legal liability for any payment cannot arise for performance under this Contract, until funds are made available to the Contracting Officer for performance and until he or she notifies the Contractor of the availability, in writing. Any option exercised by the Authority that will be performed, in whole or in part, in a subsequent fiscal year is subject to availability of funds in that year and will be governed by the terms of this article.

10. CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

- (a) The work will be conducted under the Contracting Officer's general directions. Authority will be delegated to the Contracting Officer's Technical Representative (COTR) to take the following actions;
- (1) Act as the principal point of contact with the Contractor. The COTR will submit a copy of each item of incoming correspondence and a copy of any enclosures to the Contract Administrator;
 - (2) Approve in writing, the Contractor's progress schedule and submittals when required;
 - (3) Inspect the work for compliance with this Contract;
 - (4) Review and approve invoices and payment estimates. The COTR will forward invoices and receipts to accounting. The COTR will bring any significant discrepancies in, or disputes concerning, Contractor invoices or payments to the Contracting Officer's attention. In those cases requiring release of final retained percentages of payment, the COTR will make his or her recommendations to the Contracting Officer in writing;
 - (5) Coordinate correspondence with the Contract Administrator, if its importance significantly impacts the Contractual terms and conditions;
 - (6) Evaluate the Contractor's technical letters and proposals for the Contracting Officer;
 - (7) Advise the Contracting Officer of potential problems that may affect Contract performance;
 - (8) Advise DBE Office, if DBE, SBE, or SBLPP issue(s) appear that may require investigation.
 - (9) Advise the Contracting Officer whenever the COTR has reason to believe that the Contractual not-to-exceed amount will be exceeded;
 - (10) Prepare the Authority's estimate for proposed Contract modifications. Participate in negotiations for modifications;
 - (11) Approve, in writing, the Contractor's progress schedule when required.
 - (12) Receive from the Contractor, monthly, if applicable, DBE status reports and forward them to the DBE Office;
 - (13) Receive from the Contractor certified payroll reports and prepare a log sheet indicating the following: (1) name of the Contractor and subcontractor; (2) the Contract number; (3) the certified payroll number (number for the payroll for the project starting with the number 1); (4) the time frame of the payroll period (i.e. 1/21/11-2/3/11); (5) the statement of compliance date (first page of the report); and (6) the date the report was received by WMATA;
 - (14) Maintain a comprehensive file/record of documents and correspondence concerning Contract activities and actions;
 - (15) Provide the Contract Administrator with a written notification after all supplies/services have been received with a statement that the COTR is not aware of any open issues that would preclude closeout of the Contract and that it is ready for closeout. The COTR will return the file, containing all records, correspondence, etc., to the Contract Administrator;
 - (16) Execute Standard Form 1420, which contains a detailed performance evaluation of the Contractor. If, there are one (1) or more categories in which the Contractor is deemed unsatisfactory, these evaluations must be provided to it for comment;
 - (17) Provide the Contract Administrator with a written request (and requisition) to exercise option(s) (if any) a minimum of ninety (90) days prior to the time established in this Contract for exercise of the option; and

- (18) The presence or absence of the COTR or his or her inspectors shall not relieve the Contractor from any requirements of this Contract.
 - (19) The COTR may not re-delegate or sub-delegate his or her authority to act on the Contracting Officer's behalf. If, for whatever reason the COTR is unable or unwilling to fulfill his or her responsibilities under this Contract, only the Contracting Officer can designate a new COTR.
- (b) The COTR's name and address will be provided after award.

CHAPTER II – TIME/DELAYS/LIQUIDATED DAMAGES

1. PERIOD OF PERFORMANCE

The Base Period of Performance is three (3) years commencing on the date of award. The Authority has the unilateral right to exercise two (2), one (1) year option periods, subject to all Terms and Conditions stated herein and the availability of funds.

The Authority may exercise the option(s) (if any) by written notice to the Contractor prior to commencement of the option period; provided, that the Authority shall give the Contractor a preliminary notice of its intent to exercise an option within a reasonable time before the Contract expires. The preliminary notice does not commit the Authority to exercise an option.

1. OPTIONS – EVALUATION

In awarding this Contract, the Contracting Officer shall evaluate offers for any option quantities or periods contained in a solicitation in accordance with PPM §§ 4-21 through 4-23.

2. OPTIONS – EXERCISE

- (a) When exercising an option, the Contracting Officer shall provide written notice to the Contractor within a reasonable amount of time before exercising the option.
- (b) When the Contract provides for economic price adjustment and the Contractor requests a revision of the price, the Contracting Officer shall determine the effect of the adjustment on prices under the option before the option is exercised.
- (c) In accordance with PPM § 4-23, the Contracting Officer may exercise options only after determining that—
 - (1) Funds are available;
 - (2) The requirement covered by the option fulfills an existing WMATA need;
 - (3) The exercise of the option is the most advantageous method of fulfilling WMATA's needs, when price and other factors are considered.
 - (4) Contractor is not listed in the System for Award Management's Exclusions (See www.sam.gov).
 - (5) The Contractor's past performance evaluations on other Contract actions have been considered; and
 - (6) The Contractor's performance on this Contract has been acceptable in that it received satisfactory ratings.
- (d) The Contracting Officer, after considering price and other factors, shall make the determination on the basis of one (1) of the following:
 - (1) A new solicitation fails to produce a better price or a more advantageous offer than that offered by the option. If it is anticipated that the best price available is the option price or that this is the more advantageous offer, the Contracting Officer should not use this method of testing the market.

- (2) An informal analysis of prices or an examination of the market indicates that the option price is better than prices available in the market or that the option is the more advantageous offer.
- (3) The time between the award of the Contract containing the option and the exercise of the option is so short that it indicates the option price is the lowest price obtainable or the more advantageous offer. The Contracting Officer shall take into consideration such factors as market stability and comparison of the time since award with the usual duration of Contracts for such supplies or services.
- (e) The determination of other factors under subparagraph (d), should take into account WMATA's need for continuity of operations and potential costs of disrupting operations.
- (f) Before exercising an option, the Contracting Officer shall make a written determination for the Contract file that the exercise is in accordance with the terms of the option, and the requirements of this clause. To satisfy requirements for full and open competition, the option must have been evaluated as part of the initial competition and be exercisable at an amount specified in or reasonably determinable from the terms of the basic contract, such as:
 - (1) A specific dollar amount;
 - (2) An amount to be determined by applying provisions (or a formula) provided in the basic contract, but not including renegotiation of the price for work in a fixed-price type contract;
 - (3) In the case of a cost-type contract, if—
 - (a) The option contains a fixed or maximum fee; or
 - (b) The fixed or maximum fee amount is determinable by applying a formula contained in the contract;
 - (4) A specific price that is subject to an economic price adjustment provision; or
 - (5) A specific price that is subject to change as the result of changes to prevailing labor rates provided by the U.S. Secretary of Labor.
- (g) The Contract modification or other written document that notifies the Contractor of the exercise of the option shall cite this article as authority.

4. OPTION FOR INCREASED OR DECREASED QUANTITIES OF SUPPLIES

WMATA may increase or decrease the quantities of supplies called for in the Price Schedule, at the unit price specified. WMATA may also require the delivery of a numbered line item, identified in the Price Schedule as an option item, in the quantity and at the price stated in the Price Schedule. The Contracting Officer may exercise the option by written notice to the Contractor within a reasonable amount of time before exercising the option. Delivery of the added items shall continue at the same rate as the like items called for under the Contract, unless the parties agree otherwise.

5. OPTIONS TO EXTEND SERVICES

WMATA may require continued performance of any services within the limits and at the rates specified in this Contract. These rates may be adjusted only as a result of revisions to the prevailing labor rates provided by the U.S. Secretary of Labor. This option provision may be exercised more than once, but the total extension of performance thereunder shall not exceed six (6) months. The Contracting Officer may exercise the option by written notice to the Contractor within a reasonable amount of time exercising the option.

6. OPTION TO EXTEND THE TERM OF THE CONTRACT

- (a) WMATA may extend the term of this Contract by written notice to the Contractor within a reasonable amount of time exercising the option, provided that WMATA gives the Contractor a preliminary notice of its intent to extend within a reasonable amount of time before the Contract expires. The preliminary notice does not commit WMATA to the extension.
- (b) If WMATA exercises this option, the extended Contract shall include this option article.
- (c) The total duration of this Contract, including any options under this article shall be reasonable as determined by the Contracting Officer in consultation with counsel (COUN).

7. OPTIONS EXERCISED OUT OF SEQUENCE

WMATA may exercise options at any time, including during the base period, and in any sequence, even if it varies from the sequence stated in the Price Schedule. The Contractor may be entitled to an equitable adjustment in the Contract price, if exercising the option out of sequence causes any undue delay in performance of this Contract. If options are extended during the base period or out of sequence, any previously agreed to economic price adjustment for exercise of the option may not apply, at the Contracting Officer's discretion.

8. LIQUIDATED DAMAGES FOR DELAY

N/A

9. EXTENSIONS OF TIME/FORCE MAJEURE

- (a) For purposes of this clause, the term "force majeure" shall mean an unforeseen event or circumstance, beyond the control of, and not occasioned by the fault or negligence of, the Contractor or the Authority, that gives rise to a delay in the progress of the Contract, including, without limitation, acts of God, acts of war or insurrection, unusually severe weather, fires, floods, strikes, freight embargoes or other events or circumstances of like nature.
- (b) Notwithstanding the provisions of the "Liquidated Damages" article of this Contract (if applicable), if the Contractor is delayed at any time during the performance of this Contract, by the Authority's negligence or by a force majeure event, then the

Contracting Officer shall extend the time for completion and/or the affected delivery date(s) in the following circumstances:

- (1) The cause of the delay arises after the award of the Contract and neither was nor could have been anticipated by the Contractor by reasonable investigation before such award;
 - (2) The Contractor demonstrates to the Contracting Officer that the completion of the work and/or affected delivery(ies) will be actually and necessarily delayed;
 - (3) The delay cannot be avoided or mitigated by the exercise of all reasonable precautions, efforts and measures available to the Contractor, whether before or after the cause of delay; and
 - (4) The Contractor makes a written request and provides other information to the Contracting Officer, as described below.
- (c) If the Contractor will be delayed at any time or for any period by two (2) or more of the above-mentioned causes, the Contractor shall not be entitled to a separate extension for each cause, but shall be entitled to only one (1) period of extension for the cumulative effects of the delay.
- (d) The Contracting Officer may rescind or shorten any extension previously granted, if he or she subsequently determines that any information that the Contractor provided in support of a request for an extension of time was erroneous, if, accurate information would have resulted in a denial of the request for an excusable delay. The Contracting Officer will not rescind or shorten any extension previously granted, if the Contractor acted in reliance upon it and if, in his or her judgment, such extension was based on information that the Contractor submitted in good faith, even if it is later determined to be erroneous.
- (e) The request for an extension of time shall be made within ten (10) days after the Contractor knows or should know of any cause for which it may claim an excusable delay. The Contractor's request shall contain any potential basis for an extension of time, describing, as fully as possible, the nature and projected duration of the delay and its effect on the completion of the work identified in the request. Within thirty (30) days after his or her receipt of all such information, the Contracting Officer shall advise the Contractor of his or her decision on such requested extension. Where it is not reasonably practicable for the Contracting Officer to render his or her decision in the thirty (30) day period, he or she shall, prior to the expiration of such period, advise the Contractor that he or she will require additional time and state the approximate date upon which he or she expects to render a decision.
- (f) In no event shall a delay in performance of the Contract occasioned solely by a force majeure event or the acts or omissions of any party outside of the Contractor's control be the basis for a termination for default pursuant to this Contract. In no event shall a subcontractor at any tier be deemed a party outside of the Contractor's control.

10. THE AUTHORITY'S DELAY

- (a) If the performance of all or any part of this Contract is delayed in a material manner or extent by the Authority's acts or omissions that are not expressly or impliedly authorized by this Contract or by applicable provisions of law, the Contracting Officer

shall make an adjustment (excluding profit) for any increase in the cost of performance of this Contract caused by such delay and shall modify the Contract, in writing. The Contracting Officer shall make an adjustment to the delivery or performance dates and to any other Contractual provision, if such delay or interruption affected Contract compliance. The Contracting Officer shall make no adjustment under this Contract for any delay or interruption, if performance was or could have been delayed by any other cause, including, without limitation: (i) the fault or negligence of the Contractor or any subcontractor; (ii) an act constituting a force majeure event pursuant to this Contract; or (iii) any other cause for which an adjustment is provided under any other article of this Contract, at law or in equity.

(b) An adjustment pursuant to paragraph (a) shall not be allowed:

- (1) For any costs incurred more than twenty (20) days before the Contractor notifies the Contracting Officer, in writing, of the delay.
- (2) Unless the claim, in a sum certain, is asserted in writing as soon as practicable after the termination of the delay. In no event, shall a Contractor assert a delay claim later than thirty (30) days after its termination. The delay claim shall be accompanied by appropriate documentation, specifically supporting the nature and extent of the claimed impact upon the cost and/or time required for performance. In any instance where it is not possible for the Contractor to fully project such impact within the thirty (30) day period, it shall support the claim with such documentation as is then reasonably available, along with a statement of the anticipated time frame when the Contractor expects to provide the additional materials. The Contracting Officer shall maintain the right throughout the process to request such additional materials as he or she shall reasonably require in consideration of the claim and shall be under no obligation to conclude his or her consideration of the claim prior to review of all relevant materials. Any adjustment to the Contract price pursuant this clause must be determined prior to final payment under this Contract.

11. NOTICE TO THE AUTHORITY OF LABOR DISPUTES

- (a) Whenever the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this Contract, the Contractor shall immediately give notice thereof, including all relevant information with respect thereto, to the Contracting Officer.
- (b) The Contractor agrees to insert the substance of this article, including this paragraph (b), in any subcontract hereunder if a labor dispute may delay the timely performance of this Contract.

12. NOTIFICATION OF BANKRUPTCY OR INSOLVENCY

In the event the Contractor becomes insolvent or files or has filed against it a petition in bankruptcy, whether voluntary or involuntary, the Contractor agrees to furnish, by certified mail or electronic commerce method authorized by the Contract, written notification of such to the Contracting Officer. This notification shall be furnished as soon as possible, but in no event more than ten (10) days of the initiation of the proceedings relating to bankruptcy filing. This notification shall include the date on which the bankruptcy petition was filed, the identity

of the court in which the bankruptcy petition was filed, and a listing of all WMATA Contract numbers for all WMATA contracts against which final payment has not been made. This obligation remains in effect until final payment under this Contract.

CHAPTER III – ACCEPTANCE/INSPECTIONS/DEFICIENCIES

1. INSPECTION OF SERVICES

- (a) The Contractor shall provide and maintain an inspection system acceptable to the Authority covering the services under this Contract. The Contractor shall maintain complete records of all inspection work it performs and make them available to the Authority during Contract performance in the manner and in accordance with the time periods set forth in the “Audit and Inspection of Records” article of this Contract.
- (b) The Authority has the right to inspect and test all services called for by this Contract, at all times and places reasonably practicable during the term of this Contract. The Authority shall perform inspection and tests in a manner that will not unduly delay the Contract.
- (c) If the Authority performs inspections or tests on the Contractor’s or subcontractor’s premises, the Contractor shall furnish, and shall require subcontractors to furnish, without cost, all reasonable facilities and assistance for the safe and convenient performance of such inspections or tests.
- (d) If any of the services performed do not conform to the Contract’s requirements, the Authority may require the Contractor to perform them again in conformity with the Contract’s requirements, without additional cost. When the defects in performance cannot reasonably be corrected by such further performance, the Authority may:
 - (1) Direct the Contractor to take necessary action to ensure that future performance conforms to this Contract’s requirements; and/or
 - (2) Reduce the Contract price to reflect the reduced value of the services performed.
- (e) If the Contractor fails to comply with the provisions of paragraph (d), the Authority may:
 - (1) By contract or otherwise, perform the services and charge to the Contractor any cost thereby incurred by the Authority; and/ or
 - (2) In the event that the Contracting Officer deems such failure to comply a material breach, terminate the Contract for default.
- (f) Nothing contained herein shall be deemed to preclude the Contracting Officer from reducing the Contract price due to the reduced value of nonconforming services to the Authority.

2. INSPECTION OF SUPPLIES

- (a) The Contractor shall provide and maintain an inspection system acceptable to the Authority covering supplies under this Contract and shall tender to the Authority for acceptance only supplies that have been inspected in accordance with the inspection system and that the Contractor determines to be in conformity with this Contract’s requirements. As part of the system, the Contractor shall prepare records evidencing

the nature and result of all inspections. These records shall be made available to the Authority during the term of the Contract and thereafter in accordance with the "Audit and Inspection of Records" article of this Contract. The Authority may perform reviews and evaluations as reasonably necessary to ascertain compliance with this article. These reviews and evaluations shall be conducted in a manner that will not unduly delay the Contract. Reviews, whether exercised or not, do not relieve the Contractor of its obligations under this Contract.

- (b) The Authority has the right to inspect and test all supplies under this Contract, to the extent practicable, at all places and times, including during manufacturing, and before acceptance. The Authority shall perform inspections and tests in a manner that will not unduly delay the Contract. The Authority assumes no Contractual obligation to perform any inspection and/or test nor shall the Authority's failure to perform any inspection and/ or test relieve the Contractor of any obligation under this Contract.
- (c) If the Authority performs inspection(s) or test(s) on the Contractor's or subcontractor's premises, the Contractor shall furnish, and shall require subcontractors to furnish, without additional cost, all reasonable facilities and assistance for the safe and convenient performance of these inspections or tests.
- (d) When supplies are not ready at the time specified for inspection or testing, the Contracting Officer may charge the Contractor for any additional, associated costs. The Contracting Officer may also charge the Contractor for any additional costs of inspection or testing when prior rejection makes re-inspection or retesting necessary.

3. ACCEPTANCE OF SUPPLIES

- (a) The Authority shall accept or reject tendered supplies as promptly as practicable after delivery, unless otherwise provided in this Contract. The Authority's failure to inspect and/or accept or reject the supplies shall not relieve the Contractor from responsibility, nor impose liability upon the Authority, for nonconforming supplies.
- (b) The Authority's acceptance shall be deemed conclusive, except for latent defects, fraud, willful misconduct, gross mistakes amounting to fraud or as otherwise provided in this Contract. In such instances, the Authority, in addition to any other rights and remedies it has under this Contract, at law or in equity, shall have the right:
 - (1) To direct the Contractor, at no increase in Contract price, to correct or replace the defective or nonconforming supplies at the original point of delivery or, if the Contracting Officer determines, at the Contractor's facility, in accordance with a reasonable delivery schedule as may be agreed upon between the parties. The Contracting Officer may reduce the Contract price, if the Contractor fails to meet such delivery schedule; or
 - (2) Within a reasonable time after the Contractor's receipt of a Notice of Defects or Nonconformance, the Contracting Officer may reduce the Contract price, as is equitable under the circumstances, if he or she elects not to require correction or replacement. When supplies are returned to the Contractor, the Contractor shall bear the costs of transportation.

4. NEW MATERIAL [SUPPLIES]

Unless this Contract specifies otherwise, the Contractor represents that any supplies and components to be provided under this Contract are new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety). If at any time during the performance of this Contract, the Contractor believes that furnishing supplies or components that are not new is in the Authority's best interests, the Contractor shall notify the Contracting Officer immediately in writing. The Contractor's notice shall include the reasons for the request, along with any proposed price reduction, that the Authority may take if the Contracting Officer agrees to authorize such supplies or components. The Contracting Officer's authorization to use such supplies or components shall be final and binding and not subject to further review pursuant to the "Disputes" article of this Contract or otherwise.

5. WARRANTY OF SUPPLIES

Please refer to the Technical Specifications.

6. WARRANTY OF SERVICES

Please refer to the Technical Specifications.

7. CORRECTION OF DEFICIENCIES

The Contractor must replace materials or correct workmanship not conforming to the Contract's requirements at no additional cost to WMATA. In addition, the Contractor is subject to any liquidated damages specified in this Contract or actual damages incurred by WMATA. If the Contractor fails to correct deficiencies, the Contracting Officer, may take specific action as follows:

- (1) Replace or correct the item or work at the Contractor's expense. This may be accomplished by award of a new contract or by use of WMATA's own resources.
- (2) Accept the items with a reduction in price. This action will be accomplished by formal modification to this Contract. The reduced price will be based upon the reasonable value of the item, considering the possible cost of correcting the item.
- (3) Terminate this Contract for default. If the item or work must be re-procured, the Contractor is normally liable for excess costs incurred by WMATA in accordance with the "Termination for Default" article of this Contract.
- (4) The Contractor shall also adhere to any additional correction of deficiencies requirements set forth in the Technical Specifications.

8. FIRST ARTICLE INSPECTION

- (a) The Contractor shall deliver one (1) unit to the Authority for first article (pre-production) tests. The shipping documentation shall contain this Contract number and the lot/item identification number. The characteristics for the first article inspection and its testing requirements are stated in the technical specifications/ Statement of Work.

- (b) Within ten (10) days after the Authority receives the first article, the Contracting Officer shall notify the Contractor, in writing, of the conditional approval, approval, or disapproval of the first article. The notice of conditional approval or approval shall not relieve the Contractor from complying with all requirements of the specifications and all other terms and conditions of this Contract. A notice of conditional approval shall state any further action required of the Contractor. A notice of disapproval shall cite the reasons for the disapproval.
- (c) If the first article is disapproved, the Contractor, upon the Authority's request, shall submit an additional first article for testing. After each request, the Contractor shall make any necessary modifications, or repairs to the first article or select another first article for testing. The Contractor shall pay for all costs related to these tests. The Contractor shall furnish any additional first article under this Contract within the time specified by the Authority. The Contracting Officer may make an equitable adjustment to the Contract for any schedule extension related to these tests, at no cost to the Authority.
- (d) Unless otherwise provided in the Contract, the Contractor:
 - (1) May deliver the approved first article as a part of the Contract quantity, if it meets all of the Contract's requirements for acceptance and was not damaged or impaired in testing; and
 - (2) Shall remove and dispose of any first article from the Authority's test facility at the Contractor's expense.
- (e) The Contractor is responsible for providing operating and maintenance instructions, spare parts support, and repairs to the first article during any first article test.
- (f) The Authority will inspect the first article in accordance with the Contract's requirements. A written report will be forwarded to the Contractor in accordance with (b) above.

9. F.O.B. DESTINATION

- (a) Unless otherwise specified, the Contractor shall furnish all supplies to be delivered under this Contract "F.O.B. Destination." As used herein, "F.O.B. Destination" means:
 - (1) Free of expense to WMATA on board the carrier's conveyance, at a specified delivery point where WMATA's facility (plant, warehouse, store, lot, or other location to which shipment can be made) is located; and
 - (2) Supplies shall be delivered to WMATA's warehouse unloading platform, or receiving dock, at the Contractor's expense. WMATA shall not be liable for any delivery, storage, demurrage, accessorial, or other charges involved before the actual delivery of the supplies to the destination, unless such charges are caused by WMATA's acts or omissions, acting in its Contractual capacity. If the Contractor uses a rail carrier or freight forwarder for less than full carload shipments, the Contractor shall assure that the carrier will furnish tailgate delivery, if transfer to truck is required to complete delivery to WMATA.

(b) The Contractor shall:

- (1) Pack and mark the shipment to comply with this Contract's specifications;
- (2) In the absence of specifications, prepare the shipment in conformance with carrier requirements;
- (3) Prepare and distribute commercial bills of lading;
- (4) Deliver the shipment in good order and condition to the delivery point specified in the Contract;
- (5) Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by WMATA at the delivery point specified in the Contract;
- (6) Furnish a delivery schedule and designate the mode of delivering carrier; and
- (7) Pay and bear all charges to the specified point of delivery.

10. QUALITY ASSURANCE/QUALITY CONTROL

The Contractor shall be responsible for quality assurance and for assuring that the work conforms to the requirements of this Contract. The Contractor shall maintain an effective and economical quality control program planned and developed in conjunction with other Contractor functions necessary to satisfy this Contract's requirements. The quality control program shall establish and implement procedures to ensure that only acceptable supplies or services are tendered to the Authority for acceptance, and shall demonstrate both recognition of the Contract's quality requirements and an organized approach to satisfying them. The program shall ensure that quality requirements are satisfied throughout all phases of Contract performance, including, as applicable, design development, purchasing, fabrication, processing, assembly, inspection, testing, packaging, delivery, and storage and shall provide for the early detection of actual or potential deficiencies, trends, or conditions that could result in unsatisfactory quality.

CHAPTER IV—CHANGES/ PRICING ADJUSTMENTS

1. CHANGE ORDERS

- (a) The Contracting Officer may at any time, by a written order, and without notice to the sureties, if any, direct and implement change orders, within the general scope of this Contract, including but not limited to one or more of the following:
 - (1) Nature and/or extent of services to be performed or supplies to be furnished;
 - (2) Time of performance (i.e., hours of the day, days of the week, etc.); or
 - (3) Place of performance of the services or delivery of the supplies.
- (b) If, in the Contracting Officer's judgment, any change causes an increase or decrease in the cost of, or the time required for, the performance of any part of this Contract, whether or not directly changed by the order, he or she shall make an equitable adjustment to the Contract price, the delivery schedule, or both, and shall modify the Contract, in writing, accordingly.
- (c) In any instance where the Contractor asserts a right to an adjustment in the Contract price or time required for performance as the result of a change, it must submit a written claim advising the Authority within thirty (30) days from the date of receipt of the written order directing the change. The claim shall be accompanied by appropriate documentation, supporting the nature and extent of the claimed impact upon the Contract price and/or time required for performance. In any instance where it is not reasonably practicable fully project such impact within the thirty (30) day period, the Contractor shall accompany its claim with such supporting documentation as is then reasonably available as along with a statement of the anticipated time frame when the Contractor expects to provide the additional materials. The Contracting Officer shall maintain the right throughout the process to request such additional materials as he or she shall reasonably require in consideration of the claim and shall be under no obligation to conclude his or her consideration of the claim prior to review of all relevant materials. Any adjustment to the Contract price pursuant to this article must be agreed upon or otherwise determined prior to final payment.
- (d) If the Contractor's proposed price adjustment includes the cost of property rendered obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of property disposition.
- (e) Disagreement regarding either party's right to any adjustment in price or time for performance as the result of a change implemented pursuant to this article shall be subject to adjudication in accordance with the "Disputes" article of this Contract. Notwithstanding the pendency of any such dispute, the Contractor expressly acknowledges that it shall remain fully obligated to perform the Contract as so changed.
- (f) The Contractor shall promptly notify the Contracting Officer of matters, whether implemented as change orders or otherwise, that the Contractor believes may reasonably result in either an increase or decrease in the Contract price or the time

required for performance of any part of the Contract and shall take action as the Contracting Officer directs. The Contractor's failure to provide such notification shall constitute a waiver of its right to seek an adjustment in the Contract price or time required for such performance.

- (g) In no event shall the Contractor be entitled to payment for change orders, additional or extra supplies or services or other modifications to this Contract, unless the Contracting Officer authorizes, it in writing.

2. PRICING OF ADJUSTMENTS

- (a) The parties agree that, notwithstanding any interpretation of contract cost principles to the contrary, the Authority will not be liable for interest, however represented, on or as a part of any claim, request, proposal or adjustment, including equitable adjustments, whether it arises under the Contract or otherwise.
- (b) As part of its proposal for any Contract modification requiring a price adjustment in excess of \$100,000, the Contractor shall submit to the Contracting Officer, cost or pricing data under the conditions described in this paragraph and certify that, to the best of its knowledge and belief, the cost or pricing data submitted is accurate, complete and current as of the date submitted. At the Contracting Officer's discretion, the Contractor, may be required to submit cost or pricing data for price adjustments less than \$100,000.
- (c) The Contractor shall ensure that this article is included in all subcontracts at any tier, if the value of the subcontracted work exceeds \$100,000.

3. ACCOUNTING AND RECORD KEEPING FOR ADJUSTMENTS

- (a) Applicability. This article shall apply to any adjustment in the Contract price initiated by the Contractor or the Authority.
- (b) Forward Price Adjustments. Unless waived in writing, the Contractor shall furnish to the Contracting Officer, a proposed price adjustment in advance of performance of any work for which the price adjustment is requested. The Contractor shall generate such records as are necessary to substantiate all elements of the proposed adjustment, which records shall be specifically segregated and identified in the Contractor's accounting system as being applicable to the pricing adjustment request.
- (c) Post Price Adjustments. This paragraph shall be applicable to price adjustments that either (i) are expected to exceed \$50,000; or (ii) arise in connection with a Contract with a base sum in excess of \$1,000,000. In addition to the records required pursuant to paragraph (b) above, if pricing of an adjustment under this Contract is not agreed upon between the parties prior to the commencement of work for which the pricing adjustment is requested, the Contractor and any subcontractor engaged in work for which the pricing adjustment is requested, shall maintain accounts and original cost records specifically segregated and identified by job order or other appropriate accounting categories that the Contracting Officer approves for all incurred, segregable costs related to the work for which the pricing adjustment is requested. The Contractor shall maintain accounts and records that segregate and account for the costs of all work associated with that part of the Contract for which the pricing adjustment is requested. The Contractor shall allocate the costs so accumulated

between: (1) work required under the base Contract; (2) work requested to be reimbursed under the pricing adjustment; and (3) work claimed or determined to be related to other actual or proposed adjustments, including but not limited to, changes orders, differing site conditions, and the like. The accounts and records so established shall accumulate such costs under logical costs groups, such as material, labor, equipment, subcontracts, field overhead and the like. The Contractor shall record these costs on a form approved by the Contracting Officer.

- (e) Access to Records. As a condition to the Authority's obligation to consider any claim for a potential price adjustment under any provision of this Contract, the Contractor shall grant the Authority access to review and ascertain the validity of the accounting records being maintained for segregation of costs, including base cost records, and to audit any such costs as the Contracting Officer deems appropriate.
- (f) Limitation on Price Adjustments. If the Contractor or any subcontractor fails to generate, maintain, or make available any records required under this Contract, in addition to any rights to which the Authority may be entitled, the Contracting Officer shall determine whether such failure is willful, deliberate or otherwise precipitated by the Contractor's bad faith, in which case the Contractor shall not be entitled to any price adjustment for the work in question. Where the Contracting Officer determines that the failure was not the result of the Contractor's bad faith, he or she shall determine the reasonable direct costs of the work for which records are not available, and add a single mark-up for indirect expenses not to exceed ten percent (10%) of the direct costs based on:
 - (1) An audit of the Contractor's or subcontractor's records made available to the Authority; and/or
 - (2) The Authority's estimate as the Contracting Officer adopts or modifies
- (g) In no event shall the Contractor and/or subcontractor be allowed any profit on claimed work for which records are not made available in accordance with its obligations under this Contract.
- (h) Flow-down clause. The Contractor shall ensure the inclusion of this article in all subcontracts issued under this Contract, modified as necessary, for proper identification of the contracting parties and the Contracting Officer.

CHAPTER V – INVOICES/PAYMENTS/ DEDUCTIONS

1. BILLING AND PAYMENT

- (a) The Authority shall pay and the Contractor shall accept the amounts set forth in the Price Schedule as full compensation for all costs and expenses of completing the this Contract, including, but not limited to, all labor and material required to be furnished under this Contract, all overhead, expenses, fees and profits including the cost of providing storage yards or facilities; all risks and obligations set forth in this Contract; any applicable fees or taxes; and all expenses due to any unforeseen difficulties encountered in the prosecution of the work.
- (b) Payments will be made following acceptance of the services or supplies to be provided under this Contract and after receipt and acceptance of a properly completed invoice. WMATA will accept the submittal of invoices in one of the following methods:
 - (1) Email: Invoices may be submitted through email at: apinvoice@wmata.com. Please submit one (1) invoice and supporting documentation per PDF attachment. You may submit more than one PDF attachment per email.
 - (2) Fax: Invoices may be submitted via the following number: 1-866-534-9063. Please submit one (1) invoice and all supporting documentation for this invoice per fax.
 - (3) Regular Mail: Invoices may be submitted via U.S. Postal Service to the following address:

WMATA-Accounts Payable
PO Box 1910
Beltsville, MD 20704-1910

Note: This address is only for vendor invoices. Correspondence should not be sent to this address.
- (c) Invoices shall contain the vendor's name, a unique invoice number for each shipment or service, invoice date, payment terms, total invoice amount, "remit to" address, purchase order number, freight terms, description of each item being invoiced, quantity, unit item cost, extended cost by item, total freight/handling costs, and contact name and email address. Final invoices must clearly be marked "Final" and cite the amount of this Contract, amount previously paid, and the balance due.
- (d) The Authority shall remit payment, generally within thirty (30) days of its receipt and acceptance of an invoice satisfying the requirements of paragraphs (b) and (c), at the prices stipulated in the Contract for supplies delivered and accepted or services rendered and accepted, less any applicable deductions.

2. PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA – MODIFICATIONS

If the Contracting Officer determines that any price, including profit or fee, previously negotiated in connection with any modification to this Contract involving changes in cost plus applicable profit in excess of \$100,000 was based upon the Contractor's or subcontractor's cost or pricing data that was not complete, accurate or current, such that the amount the Authority paid to the Contractor for such price adjustment was greater than the Contractor would have been entitled based upon accurate and complete data, the Authority shall be entitled to an adjustment in an amount equal to such overpayment. The Authority's rights hereunder shall be in addition to any other rights it may have under this Contract, at law or in equity.

3. SUBCONTRACTOR PAYMENTS

- (a) The Contractor shall, under this Contract, establish procedures to ensure timely payment of amounts due pursuant to the terms of its subcontracts. The Contractor shall pay each subcontractor for satisfactory performance of its contract, or any billable portion thereof, no later than ten (10) days from the date of the Contractor's receipt of payment from the Authority for work by that subcontractor. The Contractor shall also release, any retention withheld from the subcontractor within ten (10) days of satisfactory completion of all work required by that subcontractor.
- (b) The Contractor shall certify on each payment request to the Authority that payment has been or will be made to all subcontractors in accordance with paragraph (a) above. The Contractor shall notify the Contracting Officer with each payment request, of any situation where scheduled subcontractor payments have not been made.
- (c) In the event of a claim by any subcontractor that the Contractor has failed to comply with the terms of this article, the Contractor agrees to fully cooperate in any Authority investigation, and, if deemed appropriate by the Authority, to implement appropriate remedial measures to ensure future compliance.
- (d) The Contractor agrees that the Contracting Officer may provide information that he or she deems appropriate in response to inquiries from subcontractors seeking to determine the status of the Authority's payments to the Contractor.
- (e) Nothing contained in this article or elsewhere in this Contract shall create a Contractual relationship between the Authority and any subcontractor, shall make the subcontractor an intended beneficiary of this Contract or shall alter or affect traditional concepts of privity of contract.

4. GARNISHMENT OF PAYMENTS

Payments under this Contract shall be subject to any garnishment, attachment orders, and/or levies issued pursuant to the laws of the United States, Maryland, Virginia, and the District of Columbia.

CHAPTER VI – CONTRACT TERMINATION/STOP WORK ORDERS/DISPUTES

1. STOP WORK ORDERS

- (a) The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part of the work for a period of up to ninety (90) days after the order is delivered to the Contractor, and for any further period to which the parties may agree. The order shall be specifically identified as a “Stop Work Order” (“SWO”) issued under this article. Upon receipt of the SWO, the Contractor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the SWO during the period of work stoppage. Within a period of ninety (90) days after an SWO is delivered to the Contractor, or within any extension of that period to which the parties agree, the Contracting Officer shall either:
 - (1) Cancel the SWO; or
 - (2) Terminate the work covered by the SWO as provided in this Contract, as appropriate.
- (b) If a SWO is cancelled or expires, the Contractor shall resume work. The Contracting Officer shall make an equitable adjustment to the delivery schedule or Contract price, or both, and shall modify the Contract in writing if, in his or her judgment:
 - (1) The SWO results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this Contract; and
 - (2) The Contractor submits a written claim for such adjustment within thirty (30) days after the end of the period of work stoppage. At the Contracting Officer's discretion, the Authority may act upon any claim submitted at any time before final payment under this Contract.
- (c) If an SWO is not cancelled and the work covered by the Contract is terminated for the convenience of the Authority, the Contracting Officer shall allow reasonable costs, if any, resulting from the SWO in arriving at the termination settlement pursuant this Contract.

2. TERMINATION FOR DEFAULT

- (a) The Contractor shall be in default if it commits a breach of any of its obligations under this Contract deemed material by the Contracting Officer. In addition to those instances specifically referred to in this Contract, the Contractor shall be in default in the following circumstances:
 - (1) It fails to begin, or abandons, the work of the Contract in accordance with the contractual requirements;
 - (2) It fails to deliver the supplies or perform the services within the time specified in this Contract or any extension that the Contracting Officer approves;

- (3) It fails to make progress in a manner that the Contracting Officer deems unreasonable so as to endanger performance of this Contract; or
 - (4) In the view of the Contracting Officer, the Contractor is willfully violating this Contract or is not executing it reasonably and in good faith.
- (b) In the event the Contractor's material breach pursuant to paragraph (a), the Contracting Officer is authorized to direct a written notice (a "Notice to Cure") to the Contractor, specifying the nature of the breach and stating that the Contractor has ten (10) days to cure the breach or such additional time as the Contracting Officer authorizes. If the Contractor fails to cure the breach in the time specified in the Notice to Cure, the Contracting Officer may terminate this Contract, in whole or designated part, for default after providing written notice to the Contractor.
- (c) Upon receipt of a "Notice of Default," the Contractor shall immediately cease performance of the work so terminated. The Authority shall have the right to take any action necessary to complete the work, including performing the work itself, or contracting with another party to do so. In the event the work is completed directly by the Authority or by a third party, the Contractor shall be liable for the additional costs and expenses necessary to complete the work, including, without limitation, labor, material costs, plant costs, tooling expenses, and equipment and property costs. The Authority may deduct the costs and expenses so charged and pay them out of any monies otherwise payable to the Contractor. Nothing contained herein shall be deemed to relieve the Contractor of its continuing obligation to perform any portion of this Contract that was not terminated.
- (d) The Contracting Officer may, at his or her sole discretion, waive a default by the Contractor, but such waiver shall not be deemed a waiver of any subsequent default.
- (e) Upon any termination for default, the Contracting Officer may require the Contractor to transfer title and deliver to the Authority, any completed or partially completed supplies, components (including data and intellectual property) and Contract rights that the Contractor has specifically produced or acquired for the terminated portion of this Contract. At the Contracting Officer's direction, the Contractor shall also protect and preserve property in its possession in which the Authority may have an interest.
- (f) Upon any termination for default, the Authority shall pay for supplies delivered and accepted and/or services rendered and accepted in accordance with the terms of this Contract. The Authority may also compensate the Contractor for actions that it reasonably takes at the Contracting Officer's direction for the protection and preservation of property. The Authority may withhold from these payments any sum that the Contracting Officer determines to be necessary to protect the Authority against loss because of outstanding or claimed liens, or pending or anticipated claims under the Contract.
- (g) If, at any time following the Authority's issuance of a termination for default hereunder, it is determined that the Contractor was not in default or that the default was excusable, the termination shall be converted to a termination for convenience and the rights and obligations of the parties shall be determined in accordance with the "Termination for Convenience" article of this Contract.

- (h) Any dispute or disagreement regarding any issue arising under this article shall be subject to adjudication in accordance with the “Disputes” article of this Contract. In no event shall the Authority’s issuance of a “Notice to Cure” pursuant to paragraph (b) be the basis of a dispute pursuant to the “Disputes” article or otherwise be subject to further review under this Contract or otherwise. The pendency of any dispute shall not constitute a basis for the delay or suspension of, or otherwise affect the Authority’s right to proceed in accordance with this article, including without limitation, its right to complete the work or its right to insist that the Contractor complete any portion of the Contract that was not terminated.
- (i) The Authority’s rights and remedies in this article are in addition to any other rights and remedies provided under this Contract, at law or in equity.

3. TERMINATION FOR CONVENIENCE

- (a) The Contracting Officer may terminate this Contract in whole, or in part, if he or she determines that a termination is in the Authority’s interest. The Contracting Officer shall terminate by delivering a “Notice of Termination” to the Contractor specifying the extent of termination and its effective date.
- (b) Upon receipt of a Notice of Termination, except as the Contracting Officer otherwise directs, the Contractor shall immediately:
 - (1) Stop work as specified in the Notice of Termination;
 - (2) Complete performance of the work not terminated;
 - (3) Place no further subcontracts or orders for materials, services, or facilities, except as necessary to complete the remaining portion of the Contract;
 - (4) Terminate all subcontracts to the extent that they relate to the work terminated;
 - (5) Assign to the Authority, as directed by the Contracting Officer, all of the Contractor’s right(s), title, and interest(s) under the subcontracts terminated. The Authority shall have the right to settle or pay any termination costs arising out of the subcontracts and have no further liability to the Contractor for the work that was the subject of such subcontracts;
 - (6) With the Contracting Officer’s approval, settle all outstanding liabilities and settlement costs arising from the termination of subcontracts;
 - (7) As the Contracting Officer directs, transfer title and deliver to the Authority:
 - (i) Parts, work in process, completed work, supplies, and other material produced or acquired for the work terminated; and
 - (ii) The completed or partially completed plans, drawings, information and other property that would have been required to be furnished to the Authority, if the Contract had been completed.

- (8) Take any action that may be necessary, or as the Contracting Officer may direct, for the protection and preservation of the property related to this Contract that is in the Contractor's possession and in which the Authority has or may acquire an interest;
 - (9) Use its best efforts to sell, as the Contracting Officer authorizes, any property of the types referred to in paragraph (b)(7). The Contractor is not required to extend credit to any purchaser and may acquire the property under the conditions that the Contracting Officer prescribes. The proceeds of any transfer or disposition will be applied to reduce payments to be made by the Authority under this Contract, credited to the price or cost of the work, or paid in any other manner that the Contracting Officer directs.
- (c) The Contractor shall submit complete termination inventory schedules not later than one hundred twenty (120) days from the effective date of termination, unless the Contracting Officer extends the time in writing.
- (d) As soon as reasonably practicable, and not later than twenty (20) business days following the Authority's issuance of a "Notice of Termination" pursuant to paragraph (a), the Contractor shall submit a termination settlement proposal (TSP) to the Contracting Officer in the form that he or she prescribes, detailing the costs to which it asserts entitlement pursuant to this article. If the Contractor fails to submit the TSP within the time prescribed, the Contracting Officer may determine, on the basis of information available, the amount, if any, due to the Contractor as a result of the termination and shall pay the amount so determined.
- (e) Following submission of the Contractor's TSP pursuant to paragraph (d), the parties shall agree upon the whole, or any part, of the amount to be paid or remaining to be paid as a result of the termination. The amount may include a reasonable allowance for profit on work completed. In no event shall the total amount to be paid to the Contractor pursuant to this article exceed the total Contract price as reduced by (1) payments previously made and (2) the Contract price of the remaining work, not terminated.
- (f) If the parties disagree on the whole amount to be paid because of the termination, the Contracting Officer shall pay the Contractor the amounts that he or she determines as follows, but without duplication of any amounts agreed upon under paragraph (e):
 - (1) The Contract price for completed supplies or services that the Authority accepted [or sold or acquired under paragraph (b)(9)] not previously paid for, adjusted for any saving of freight and other charges.
 - (2) The total of:
 - (i) The costs incurred prior to termination in the performance of the work terminated, including initial costs and preparatory expenses allocable thereto, but excluding any costs attributable to items compensated or to be paid for under subparagraph (f)(1);

- (ii) Termination costs under terminated subcontracts that are properly chargeable to the terminated portion of this Contract, if not excluded in subparagraph (f)(2)(i); and
 - (iii) A sum, representing profit on the items described in subparagraph (f)(2)(i) that the Contracting Officer determines to be fair and reasonable pursuant to Section 49.202 of the Federal Acquisition Regulation (FAR), in effect on the date of this Contract. If it appears that the Contractor would have sustained a loss on the entire Contract had it been completed, the Contracting Officer shall allow no profit under this subparagraph and shall reduce the settlement to reflect the projected rate of loss.
- (3) The reasonable indirect costs of settlement of the work terminated, including:
 - (i) Accounting, legal, clerical, and other expenses reasonably necessary for the preparation of TSP(s);
 - (ii) The termination and settlement of subcontracts (excluding the amounts of such settlements); and
 - (iii) Storage, transportation, and other costs incurred, reasonably necessary for the preservation, protection, or disposition of the termination inventory.
- (g) Except for normal spoilage, and except to the extent that the Authority expressly assumed the risk of loss, the Contracting Officer shall exclude from the amounts payable to the Contractor under paragraph (f), the fair value, as he or she determines of property that is unavailable or damaged and undeliverable to the Authority or to a third party.
- (h) The cost principles and procedures of FAR Part 31 in effect on the date of this Contract, shall govern all costs claimed, agreed to, or determined under this article, except that the Authority shall not be obligated to pay interest, however represented, on any claimed costs.
- (i) The Contractor shall have the right to appeal, under the "Disputes" article, from the Contracting Officer's determination under paragraphs (d) or (f). The Contractor's failure to submit the TSP within the time provided in paragraph (d), or to timely request an extension thereof, shall constitute a waiver of its right to appeal the Contracting Officer's determination pursuant to the "Disputes" article or any otherwise applicable Contractual, legal or equitable remedy.
- (j) In determining any sum due to the Contractor under this article, there shall be deducted:
 - (1) All unliquidated advances or other payments to the Contractor under the terminated portion of this Contract;
 - (2) The value, as the Contracting Officer, reasonably determines, of any claim that the Authority has against the Contractor under this Contract, including

any third-party claim, if the Contracting Officer is not satisfied that sufficient insurance coverage is in place; and

- (3) The agreed price for, or the proceeds of sale of, materials, supplies, or other items that the Contractor procured or sold under this article, not recovered by or credited to the Authority.
- (k) If the Contractor asserts that any partial termination has rendered enforcement of the remainder of this Contract at the remaining Contract price inequitable, the Contractor may file a proposal with the Contracting Officer for an adjustment to the price(s) for the continued portion of this Contract. Such proposal shall be submitted within ninety (90) days from the effective date of termination, unless the Contracting Officer extends it in writing, and shall be accompanied by appropriate supporting documentation.
- (l) The Contractor's responsibilities and obligations under this article shall remain in full force and effect notwithstanding the pendency of any dispute or other delay relating to determination of the appropriate price adjustment or any other issue arising from the termination for convenience.
- (m) Unless otherwise provided in this Contract or by statute, the Contractor and all subcontractors whose work is encompassed in the termination settlement shall maintain all records and documents relating to the terminated portion of this Contract for three (3) years after final settlement. This includes all books and other evidence bearing on the Contractor's costs and expenses under this Contract. The Contractor shall make these records and documents available to the Authority, its governing jurisdictions and any other Federal, state, or local entities providing funding for this Contract, and to the U.S. Comptroller General or the agents or representatives of any of them, at the Contractor's office, at all reasonable times, without any direct charge.

4. ASSIGNMENT

- (a) Except as otherwise provided in this article, the Contractor shall not transfer any of its rights and obligations under this Contract to third parties without the Contracting Officer's prior, written consent. The Contracting Officer may recognize a third party as successor in interest to this Contract in the event of a transfer of all or substantially all of the Contractor's assets, a change in a division of the Contractor involved in the performance of this Contract, or if a parent company provides performance guarantee(s) under this Contract, (i.e., sales of assets, transfer of assets pursuant to merger or consolidation, or incorporation of a proprietorship or partnership). Such recognition shall be at the Contracting Officer's discretion after review of the facts and circumstances surrounding each request. The Contracting Officer, at his or her discretion, may conduct an evaluation of the successor party's capability to perform this Contract in the same manner and to the same extent that he or she conducted a responsibility determination as part of the original solicitation for this Contract. Should the Contracting Officer, for any reason, not recognize such a successor in interest, he or she may terminate this Contract.

- (b) Any attempt to transfer by assignment that the Contracting Officer does not authorize shall constitute a material breach of this Contract and the Contracting Officer may terminate this Contract in accordance with the "Termination for Default" article set forth in this Contract.
- (c) Nothing contained herein shall be deemed to preclude the Contractor's assignment of claims for monies due or to be become due to it under this Contract to a bank, trust company or other financing institution, including any Federal lending agency, upon written notice of such assignment to the Contracting Officer.

5. DISPUTES

- (a) Any dispute concerning a question of fact arising under or related to this Contract that is not disposed of by agreement, shall be decided by the Contracting Officer, who shall reduce his/her decision to writing and mail or otherwise furnish a copy thereof to the Contractor. The Contracting Officer's decision shall be final and conclusive unless, within thirty (30) calendar days from the date of its receipt, the Contractor mails or otherwise furnishes to the Contracting Officer, a written notice of appeal addressed to the Authority Board of Directors. Such notice must indicate that an appeal is intended and must reference the decision and Contract number. The decision of the Board of Directors or its duly authorized representative for the determination of such appeals shall be final and conclusive, unless in proceedings initiated by either party for review of such decision in a court or board of competent jurisdiction, it determines that the decision was fraudulent, or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. In any appeal under this article, the appellant shall be afforded an opportunity to be heard and offer evidence in support of its appeal. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of this Contract in accordance with the Contracting Officer's decision. The Armed Services Board of Contract Appeals (ASBCA) is the Board of Directors' authorized representative for final decisions on an appeal.
- (b) This "Disputes" article does not preclude consideration of questions of law in connection with decisions provided for in paragraph (a) above. Nothing in the Contract, however, shall be construed as making final, the decisions of the Board of Directors or its representative on questions of law.

CHAPTER VII – INDEMNIFICATION/INSURANCE/RISK OF LOSS

1. INDEMNIFICATION

- (a) Contractor shall indemnify, defend and hold harmless the Authority, its Board members, employees and agents, from all liabilities, obligations, damages, penalties, claims, costs, charges and expenses (including reasonable attorneys' fees), of whatsoever kind and nature for injury, including personal injury or death of any person or persons, and for loss or damage to any property, including the property of the Contractor and the Authority, occurring in connection with, or in any way arising out of the use, occupancy and performance of the work and/or any acts in connection with activities to be performed under this Contract, unless the loss or damage is due to the sole negligence of the Authority. Nothing in the preceding sentence shall be deemed to relieve Contractor from ultimate liability for any of its obligation under this Contract.
- (b) Contractor shall indemnify, defend and hold harmless the Authority, its Board members, employees and agents, against any and all claims, liabilities, losses, demands, damages, penalties, costs, charges, remedial costs, environmental claims, fees or other expenses including attorneys' fees, related to, arising from or attributable to any effluent or other hazardous waste, residue, contaminated soil or other similar material discharged from, removed from, or introduced on, about or under the job site. The foregoing indemnity does not apply to loss or damage due to preexisting conditions, whether known or unknown.
- (c) If any action or proceeding relating to this indemnification is brought against the Authority, then upon written notice from the Authority to the Contractor, the Contractor shall, at its own expense, resist or defend such action or proceeding by counsel approved by the Authority in writing. No approval of counsel shall be required where the cause of action is resisted or defended by counsel of any insurance carrier obligated to resist or defend the same. The Authority reserves the right to use its own counsel under this indemnity at Contractor's sole cost and expense.
- (d) Contractor understands and agrees to its responsibility to provide indemnification to the Authority pursuant to this clause. The provision of insurance, while anticipated to provide a funding source for this indemnification, is in addition to any indemnification requirements. The failure of Contractor's insurance to fully fund any indemnification shall not relieve the Contractor of any obligation hereunder.

2. INSURANCE REQUIREMENTS

If you do not currently carry all of the required insurance for this RFP, a current certificate of insurance (COI) evidencing the insurance you do carry and a letter from your insurance agent/broker stating that 'if our client (you) are awarded the contract, the required coverage will be provided' will suffice.

I. MINIMUM REQUIRED INSURANCE: MINIMUM LIMITS OF INSURANCE

Commercial General Liability		
	\$2,000,000	Each Occurrence Limit
	\$4,000,000	General Aggregate Limit
	\$2,000,000	Products-Completed Operations Limit

II. MINIMUM REQUIRED INSURANCE: MINIMUM INSURANCE COVERAGES AND COVERAGE PROVISIONS

- 1) Contractor is required to maintain the prescribed insurance outlined in this Exhibit A during the entire period of performance under this contract. Notice to Proceed (NTP) will not be issued until all required insurance has been accepted by WMATA.
- 2) The prescribed insurance coverage and limits of insurance are minimum required coverages and limits. Contractor is encouraged, at its sole cost and expense, to purchase any additional insurance coverages and or limits of insurance that Contractor deems prudent and necessary to manage risk in the completion of this contract.
- 3) Upon written request from WMATA, contractor shall provide copies of any requested insurance policies, including applicable endorsements, within five (5) business days of such request.
- 4) Receipt, review or communications regarding certificates of insurance (COI), insurance policies, endorsements, or other materials utilized to document compliance with these Minimum Insurance Requirements does not constitute acceptance by WMATA.
- 5) Insurance companies must be acceptable to WMATA and must have an A. M. Best rating of at least A- VII.
- 6) Unless otherwise noted, "Claims Made" insurance policies are not acceptable.
- 7) Any insurance policy utilizing a Self-Insured Retention (SIR) requires written approval from WMATA.
- 8) Contractor must incorporate these Minimum Insurance Requirements into contract requirements of all subcontractors of every tier; however, Contractor, at its sole peril, may amend these Minimum Insurance Requirements for its subcontractors, but doing so does not relieve Contractor from its respective liability to WMATA.
- 9) Compliance with these Minimum Insurance Requirements does not relieve Contractor from Contractor's respective liability to WMATA, even if that liability exceeds the Minimum Insurance Requirements.

COVERAGE-SPECIFIC REQUIREMENTS

Commercial General Liability

- 1) Commercial General Liability (CGL) shall be written on ISO Occurrence Form CG0001 (12/04) or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
- 2) Required minimum limits of coverage may be achieved through a combination of the aforementioned CGL coverage form and an Umbrella/Excess Liability coverage form(s), provided that the Umbrella/Excess Liability coverage form(s) provides the same or broader coverage than the prescribed CGL coverage form.
- 3) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Section below.
- 4) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the Waiver of Subrogation" section below.
- 5) The definition of "Insured Contract" shall be modified to provide coverage for contractual liability for any contracts involving construction or demolition operations that are within 50 feet of a railroad, and sidetrack agreements. Evidence of this modification shall be provided to WMATA along with all other required documents.
- 6) Defense Costs (Allocated Loss Adjustment Expense) must be included and outside of the policy limits for all primary liability and Umbrella/Excess Liability policies.

IV. OTHER

Additional Insured

- 1) Contractor and subcontractors of every tier are required to add WMATA and WMATA Board of Directors as additional insured on all required insurance including excess liability policies, with the exception of Workers' Compensation and Professional Liability.
- 2) Coverage provided to Additional Insured shall be primary and non-contributory to any other insurance available to the Additional Insured, including coverage afforded to the WMATA as an additional insured by subcontractors, and from other third parties.
- 3) Coverage provided to any Additional Insured shall be for claims arising out of both ongoing operations and products and completed operations hazard.
- 4) Coverage available to any Additional Insured under the products and completed operations hazard can only be limited to the applicable statute of repose in the jurisdiction(s) where the contract scope of work takes place.
- 5) Commercial General Liability and Umbrella/Excess Liability forms must provide defense coverage for additional insureds. The Additional Insured Endorsement shall provide coverage for Ongoing as well as Products and Completed Operations with no limitation on when claims can be made.

Waiver of Subrogation

Contractor and subcontractors of every tier are required to have all insurance policies except Professional Liability endorsed to waive the respective insurance company's rights of recovery against WMATA, and the WMATA Board of Directors.

- 1) Waiver shall be provided on an endorsement that is acceptable to WMATA.

Certificate of Insurance (COI)

Contractor shall provide WMATA an ACORD Certificate of Insurance (COI) and copies of all required endorsements as evidence that the insurance requirements of this Section have been satisfied. Certificates of Insurance shall be sent to WMATA.

The Certificate Holder box should read:

Washington Metropolitan Area Transit Authority
Office of Insurance, Room 8F
600 Fifth Street, NW
Washington, DC 20001

Additionally:

- 1) Proposed material modifications to required insurance, including notice of cancellation, must be received by WMATA in writing at least 30 days prior to the effective date of such change or cancellation.
- 2) WMATA's receipt of copies of any COI, policy endorsements or policies does not relieve Contractor of the obligation to remain in compliance with the requirements of this Section at all times. Contractor's failure to comply with these insurance requirements shall constitute a material breach of this Contract.
- 3) Receipt of the COI does not constitute acceptance of the insurance outlined above.

3. TITLE AND RISK OF LOSS

- (a) Unless this Contract specifically provides for earlier passage of title to deliverables (including documents, reports, and data) or other items resulting from this Contract, title shall pass to the Authority upon acceptance, regardless of when or where the Authority takes physical possession. Risk of loss, theft, destruction of, or damage to, such deliverables or other items remains with the Contractor, until the transfer of title or at the time when the Authority takes physical possession, whichever is later.
- (b) In the event of loss or damage to any deliverable or other item of work, prior to the time when the Authority takes physical possession, the Contractor agrees to repair or replace it as soon as reasonably possible to restore the item to the same condition that pre-existed the loss or damage, in accordance with all requirements of this Contract, without cost to the Authority. Nothing contained herein shall be deemed to require the Contractor's repair or replacement of any loss or damage caused solely by the Authority's acts or omissions.
- (c) The following clause applies, if and when the Contractor performs work on its own property.

- (1) WMATA retains title to all WMATA-furnished property. WMATA furnished property shall not become a fixture, or lose its identity as personal property by being attached to any real property. The Contractor shall use WMATA's property, furnished under this Contract, only for performing this Contract, unless the Contracting Officer approves otherwise. Modifications or alterations of WMATA property are prohibited, unless they are (i) Reasonable and necessary due to the technical specifications for this Contract; (ii) Required for normal maintenance; or (iii) Otherwise authorized by the Contracting Officer. Risk of loss is on the Contractor for WMATA-furnished property, i.e. the Contractor is liable for loss, theft, damage or destruction to WMATA property while it is in the Contractor's possession or control. The Contractor shall take all reasonable actions necessary to protect WMATA's property from loss, theft, damage or destruction. The Contractor shall do nothing to prejudice WMATA's rights to recover against third parties for any loss, theft, damage or destruction to WMATA's property.

CHAPTER VIII – INTELLECTUAL PROPERTY RIGHTS

1. PATENT INDEMNITY

The Contractor shall indemnify the Authority and its Board members, agents and employees against liability, including costs, for infringement of any United States patent (except a patent issued upon an application that is now or may hereafter be withheld from issue pursuant to a Secrecy Order under 35 U.S.C. § 181) arising out of the manufacture or delivery of supplies, the performance of services, or the construction, alteration, modification, or repair of real property under this Contract. If the Contractor is not the original equipment manufacturer (OEM) for a manufactured product purchased under this Contract, it will ensure that the patent holder provides indemnity to WMATA under this article. This indemnity shall not apply unless the Contractor is informed as soon as practicable by the Authority of the suit or action alleging such infringement, and is given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof. Such indemnity shall not apply to:

- (1) An infringement resulting from compliance with the Contracting Officer's specific written instructions directing a change in the supplies to be delivered or in the materials or equipment to be used, or directing a manner or performance of the Contract not normally used by the Contractor;
- (2) An infringement resulting from addition to, or change in, such supplies or components furnished or construction work performed that was made subsequent to delivery or performance by the Contractor; or
- (3) A claimed infringement that is unreasonably settled without the Contractor's consent, unless required by final decree of a court of competent jurisdiction.

2. SET-OFF

The Authority has common law, equitable and statutory rights to set-off. These rights shall include, but are not limited to, the Authority's right to set-off any monies due to the Contractor under this Contract, by any amounts due and owing to the Authority with regard to, any Contract with the Authority, plus any amounts due and owing to the Authority for any other reason including, without limitation, tax delinquencies, fee delinquencies or monetary penalties relative thereto. The Authority shall exercise its set-off rights in accordance with applicable law and practices including, in cases of set-off pursuant to an audit, the finalization of such audit by the Authority, its representatives, or the Federal Government.

3. RIGHTS IN TECHNICAL DATA

N/A

4. RIGHTS IN TECHNICAL DATA – UNLIMITED

- (a) The term technical data as used in this article means technical writings, computer software, sound recordings, pictorial reproductions, drawings, or other graphic representations and works of a technical nature, whether or not copyrighted, that are specified to be delivered pursuant to this Contract. The term does not include financial reports, cost analyses, and other information incidental to Contract

administration. "Computer software" as used in this article means computer programs, computer data bases, and documentation thereof.

- (b) The Authority or its designated representative shall have the right to use, duplicate or disclose technical data, including computer software, in whole or in part, in any manner and for any purpose whatsoever, and to have or permit others to do so that is contained in or derived from:
 - (1) Any manuals, instructional materials prepared for installation, operation, maintenance or training purposes;
 - (2) Technical data pertaining to end items, components or processes that were prepared for the purpose of identifying sources, sizes, configurations, mating and attachment characteristics, functional characteristics and performance requirements ("form, fit and function" data such as , specification control drawings, catalog sheets, and outline drawings Except for the computer software, it means data identifying sources, functional characteristics, and performance requirements, but specifically excludes the source code, algorithms, processes, formulae, and flow charts of the software.);
 - (3) Other technical data that the Contractor or subcontractor , normally furnishes without restriction;
 - (4) Other specifically described technical data that the parties have agreed will be furnished without restriction;
 - (5) All computer software regardless of whether it is technical data as defined in this article, including the source code, algorithms, processes, formulae, and flow charts, that the Contractor developed or materially modified for the Authority or for which the Authority is required by Federal law or regulation to provide a royalty-free, irrevocable and nonexclusive license to the Federal government.
- (c) The Authority shall have the right to use, duplicate, or disclose technical data other than as defined in paragraph (a), in whole or in part. Such technical data shall not, without the written permission of the party furnishing such technical data, be:
 - (1) Released or disclosed, in whole or in part, outside of the Authority,
 - (2) Used, in whole or in part, by the Authority for manufacturing, or
 - (3) Used by a party other than the Authority except for: (i) emergency repair or overhaul, (ii) where the item or process concerned is not otherwise reasonably available to the Authority to enable timely performance of this work, or (iii) administration of this Contract or the inspection of any products produced under it, where the third party has a written contract with the Authority to perform these efforts. In all cases described in this subsection, the release or disclosure outside of the Authority shall be subject to a nondisclosure agreement.
- (d) Technical data provided in accordance with paragraph (c) shall be identified with a legend that suitably recites this limitation. This article shall not impair the Authority's right to use similar or identical data acquired from other sources.

- (e) Where any item is purchased as a separate line item in this Contract, that purchase includes all integral parts of that item, including any computer software, source code, algorithms, processes, formulae, and flow charts. The Authority has full rights to use, duplicate or disclose any or all parts of the item, including computer software, in whole or in part, in any manner and for any purpose whatsoever, and to permit others to do so. Should disclosure of the computer software be required only under this paragraph, then the Contracting Officer may waive the provisions of this paragraph if he or she certifies in writing that the item is commercially available from multiple sources and will be fully compatible with existing Authority property.
- (f) Material covered by copyright:
 - (1) The Contractor grants to the Authority, and to its Board members, agents and employees acting within the scope of their official duties, a royalty-free, nonexclusive and irrevocable license throughout the world for the Authority's purposes to publish, translate, reproduce, deliver, perform, dispose of, and to authorize others so to do, all technical data and computer software covered by subsection (b) (5) now or hereafter covered by copyright.
 - (2) No such copyrighted matter shall be included in (i) technical data or (ii) computer software covered by subsection (b) (5) furnished hereunder without the written permission of the copyright owner for the Authority to use such copyrighted matter in the manner above described.
 - (3) The Contractor shall report to the Authority promptly and in reasonable written detail each notice or claim of copyright infringement it receives regarding any technical data or computer software covered by subsection (b)(5) provided to the Authority.
- (g) Relation to patents: Nothing contained in this article shall imply a license to the Authority under any patent, or be construed as affecting the scope of any license or other right otherwise granted to the Authority under any patent.
- (h) Any dispute under this article shall be subject to the "Disputes" article of this Contract.
- (i) The Contracting Officer may retain from payment up to ten percent (10%) of the Contract price until final delivery and acceptance of the technical data defined in this Article and as required to be furnished by the Price Schedule or the Contract's specifications.

5. NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
[SUPPLIES]

- (a) The Contractor shall report to the Contracting Officer, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on this Contract once the Contractor is notified thereof.
- (b) In the event of any claim or suit against the Authority based on any alleged patent or copyright infringement arising out of this Contract or out of the use of any supplies furnished or services performed hereunder, the Contractor shall furnish to the Contracting Officer, all evidence and information in its possession pertaining to such

suit or claim. Such evidence and information shall be furnished at the Contractor's expense since the Contractor has agreed to indemnify the Authority for such infringement claims.

(b) This article shall be included in all subcontracts.

6. ROYALTY INFORMATION

N/A

CHAPTER IX – ADDITIONAL COVENANTS/LEGAL REQUIREMENTS

1. NONDISCRIMINATION ASSURANCE

- (a) *Nondiscrimination Assurance.* In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. §2000 (d), section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. §6102, section 202 of the American with Disabilities Act of 1990, 42 U.S.C. §12132, D.C. law and Federal transit law at 49 U.S.C. §5332, the Contractor, sub-recipient, or subcontractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, religion, national origin, sex, age, sexual preference, gender identity and/or disability. In addition, the Contractor, sub-recipient, or subcontractor agrees to comply with applicable Federal implementing regulations and other regulations that FTA may issue.
- (b) *Equal Employment Opportunity.* The following equal employment opportunity requirements apply to this Contract:
- (1) Race, Color, Creed, National Origin, Sex: In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. §2000(e), and Federal transit laws at 49 U.S.C. §5332, the Contractor agrees to comply with all applicable equal opportunity requirements of the U.S. Department of Labor (U.S. DOL) including, but not limited to "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Part 60 *et. seq.*, [implementing Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000(e) note], and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of this Contract. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, creed, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.
- (2) Age: In accordance with Section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.
- (3) Disabilities: In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. §12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal

Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements that FTA may issue.

- (c) The Contractor also agrees to include all of these requirements in each subcontract financed, in whole or in part, with Federal assistance provided by FTA, modified only, if necessary, to identify the affected parties.
- (d) Failure by the Contractor, sub-recipient, or subcontractor to carry out these requirements is a material breach of this Contract, that may result in the termination or such other remedy as the Authority deems appropriate.

2. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-OVERTIME COMPENSATION

This Contract, to the extent that it is of a character specified in the Contract Work Hours and Safety Standards Act (40 U.S.C. §§ 327-333), is subject to the following provisions and to all other applicable provisions and exceptions of such Act and the regulations of the U.S. Secretary of Labor thereunder.

- (a) Overtime requirements. No Contractor or subcontractor contracting for any part of the Contract work that may involve the employment of laborers, mechanics, apprentices, trainees, watchmen, and guards shall require or permit any such employee in any workweek in which he or she is employed to work in excess of forty (40) hours in such work week on work subject to the provisions of the Contract Work Hours and Safety Standards Act unless such employee receives compensation at a rate not less than one and one-half (1 ½) times his or her basic rate of pay for all hours worked in excess of forty (40) hours in such work week.
- (b) Violation. Liability for Unpaid Wages - Liquidated damages. In the event of any violation of paragraph (a) the Contractor and any subcontractor responsible therefore shall be liable to any affected employee for his or her unpaid wages. In addition, such Contractor and subcontractor shall be liable to the Authority for liquidated damages. Liquidated damages shall be computed with respect to each individual laborer, mechanic, apprentice, trainee, watchman or guard employed in violation of paragraph (a) in the sum of \$10 for each calendar day on which such employee was required or permitted to be employed on such work in excess of his or her standard work week of forty (40) hours without payment of the overtime wages required by paragraph (a).
- (c) Withholding for unpaid wages and liquidated damages. The Contracting Officer may withhold from the Contractor, such sums as he or she determines to be necessary to satisfy any liabilities of such Contractor or subcontractor for unpaid wages and liquidated damages as provided in paragraph (b).
- (d) Subcontracts. The Contractor shall insert this article in all subcontracts at any tier. Contractor shall also require subcontractors to include this clause in any lower tier subcontracts. The Contractor shall be responsible for compliance by any and all subcontractors at every tier.

- (e) Records. The Contractor shall maintain payroll records containing the information specified in 29 C.F.R. § 516.2(a). Such records shall be preserved for three (3) years from the completion of this Contract.

3. WALSH-HEALEY PUBLIC CONTRACTS ACT

If this Contract is for materials, supplies, or equipment in an amount that may exceed \$10,000 and is subject to the Walsh-Healey Public Contracts Act, as amended (41 U.S.C. §§ 35-45) the following terms and conditions apply:

- (a) All stipulations required by the Act and regulations issued by the U.S. Secretary of Labor (41 C.F.R. Part 50) are incorporated by reference. These stipulations are subject to all applicable rulings and interpretations of the U.S. Secretary of Labor that are now, or may hereafter, be in effect.
- (b) All employees whose work relates to this Contract shall be paid not less than the minimum wage prescribed by the U.S. Secretary of Labor (41 C.F.R. § 50-202.2). Learners, student learners, apprentices, and certain handicapped workers may be employed at less than the prescribed minimum wage (41 C.F.R. § 50-202.3) to the same extent that such employment is permitted under Section 14 of the Fair Labor Standards Act (41 U.S.C. § 40).

4. DAVIS-BACON ACT

N/A

5. COPELAND ANTI-KICKBACK ACT

N/A

6. CONVICT LABOR

- (a) Except as provided in paragraph (b), the Contractor shall not employ in the performance of this Contract any person undergoing a sentence of imprisonment imposed by any court of the Federal Government, a State, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam or the U.S. Virgin Islands.
- (b) The Contractor is not prohibited from employing persons:
 - (1) On parole or probation to work at paid employment during the term of their sentence;
 - (2) Who have been pardoned or who have served their terms; or
 - (3) Confined for violation of the laws of the Federal Government, the states, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, or the U.S. Virgin Islands who are authorized to work at paid employment in the community under the laws of such jurisdiction, if—
 - (a) The worker is paid or is in an approved work or training program on a voluntary basis;

- (b) Representatives of the local union's central bodies or similar labor union organizations have been consulted;
- (c) Such paid employment will not result in the displacement of employed workers, or be applied in skills, crafts, or trades where there is a surplus of available gainful labor in the locality, or impair existing contracts or services;
- (d) The rates of pay and other conditions of employment will not be less than those paid or provided for work of a similar nature in the locality where the work is being performed; and
- (e) The Attorney General of the United States has certified that the work-release laws or regulations of the jurisdiction involved are in conformity with the requirements of Executive Order 11755, as amended by Executive Orders 12608 and 12943.

7. COVENANT AGAINST CONTINGENT FEES

- (a) The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon an agreement for a commission, percentage, brokerage or contingent fee, excepting bona fide employees or bona fide, established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach of this warranty, the Authority shall have the right to terminate this Contract without liability or, in its discretion, to deduct from the Contract price, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee, if no fraud is suspected.
- (b) If fraud is suspected, the Authority's only remedy prior to final adjudication by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

8. SEAT BELT USE POLICY

The Contractor agrees to comply with terms of Executive Order No. 13043 "Increasing Seat Belt Use in the United States" and is encouraged to include these requirements in each subcontract awarded for work relating to this Contract.

9. SENSITIVE SECURITY INFORMATION

The Contractor must protect, and take measures to assure that its subcontractors at each tier protect, "sensitive information" made available during the course of administering an Authority contract or subcontract in accordance with 49 U.S.C. Section 40119(b) and implementing DOT regulations, "Protection of Sensitive Security Information," 49 CFR Part 15, and with 49 U.S.C. Section 114(s) and implementing Department of Homeland Security regulations, "Protection of Sensitive Security Information," 49 CFR Part 1520.

10. LAWS AND REGULATIONS

The Contractor shall be responsible to comply with any applicable State of Maryland, Commonwealth of Virginia, District of Columbia, Federal and local laws and regulations

governing the services and/or supplies to be provided under this Contract. Further, the Contractor shall be responsible to obtain, at its own cost and expense, any and all licenses/permits required to transact business in any political jurisdictions where work will be performed.

11. HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA

- (a) The Contractor agrees to submit a Material Safety Data Sheet (U.S. Department of Labor Form OSHA-20), as prescribed in Federal Standard No. 313B, for all hazardous materials five (5) days before delivery of the material, whether or not listed in Appendix A of the Standard. This obligation applies to all materials delivered under this Contract that involve exposure to hazardous materials or items containing these materials.
- (b) "Hazardous material," as used in this clause, is defined in Federal Standard No. 313B, in effect on the date of this Contract.
- (c) Neither the requirements of this clause nor the Authority's acts or omissions shall relieve the Contractor of any responsibility or liability for the safety of Authority's, personnel or property.
- (d) Nothing contained in this article shall relieve the Contractor from complying with applicable Federal, state, and local laws, codes, ordinances, and regulations (including the requirement to obtain licenses and permits) in connection with hazardous materials.
- (e) The Authority's rights in data furnished under this Contract regarding hazardous materials are as follows:
 - (1) To use, duplicate and disclose any data to which this clause is applicable. The purposes of this right are to (a) apprise personnel of the hazards that they may be exposed to in using, handling, packaging, transporting, or disposing of hazardous materials (b) obtain medical treatment for those affected by the materials; and (c) have others use, duplicate, and disclose the data for the Authority for these purposes.
 - (2) To use, duplicate, and disclose data furnished under this article in precedence over any other provision of this Contract providing for rights in data.
 - (3) The Authority is not precluded from using similar or identical data acquired from other sources.
 - (4) The data shall not be duplicated, disclosed, or released outside of the Authority, in whole or in part, for any acquisition or manufacturing purpose, if the following legend is marked on each piece of data to which this clause applies -

"This data furnished under this Contract shall not be used, duplicated, or disclosed for any acquisition or manufacturing purpose without the Contracting Officer's permission. This legend shall be marked on any reproduction of this data."

- (5) The Contractor shall not place any restrictive legend on any data that (i) the Contractor or any subcontractor previously delivered to the Authority without limitations; or (ii) should be delivered without limitations under the "Rights in Technical Data" clause.
- (6) The Contractor shall insert this article including this parties, with appropriate changes in the designation of the parties, in subcontracts at any tier (including purchase designations or purchase orders) under this Contract involving hazardous materials.

12. LIVING WAGE

- (a) The Authority's Living Wage Policy and implementing regulations apply with respect to all contracts for services (including construction) awarded in an amount that exceeds \$150,000 in a twelve (12) month period. If this Contract meets those criteria, the following requirements are applicable:
- (b) The Authority's living wage rate is \$13.85 per hour, and may be reduced by the Contractor's per-employee cost for health insurance.
- (c) The Contractor shall:
 - (1) Pay the Authority's living wage rate, effective during the time the work is performed, to all employees who perform work under this Contract;
 - (2) Include this "Living Wage" article in all subcontracts that exceed \$150,000 in a twelve (12) month period awarded under this Contract;
 - (3) Maintain payroll records, in accordance with the requirements of this Contract, and include a similar provision in affected subcontracts that requires the subcontractor to maintain its payroll records for the same length of time; and
 - (4) Certify with each monthly invoice that the Authority's living wage rate was paid to affected employees, or if applicable, certify prior to Contract award or Contract extension, if any, that one or more of the exemptions in paragraph (d) below applies.
- (5) The Contractor shall not split or subdivide this Contract, pay an employee through a third party, or treat an employee as a subcontractor or independent contractor to avoid compliance with this "Living Wage" article
- (d) Exemptions to this "Living Wage" article include:
 - (1) Contracts and agreements subject to higher wage rates required by Federal law or collective bargaining agreements;
 - (2) Contracts or agreements for regulated utilities;
 - (3) Emergency services to prevent or respond to a disaster or imminent threat to public health and safety;
 - (4) Contractor employees who work less than full time; and
 - (5) Contractors who employ fewer than ten (10) employees.
- (e) The Authority may adjust the living wage rate effective in January of each year. The adjustment will reflect the average living wage rate among Metro's Compact

jurisdictions with living wage rates. If after Contract award the living wage rate increases, the Contractor is entitled to an equitable adjustment to the Contract price in the amount of the increase for employees who are affected by the escalated wage.

- (f) Failure to comply with the Authority's Living Wage Policy shall result in the Authority's right to exercise available contract remedies, including contract termination, where no fraud is suspected.
- (g) If fraud is suspected, the Authority's only remedy prior to adjudication by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

13. METRIC SYSTEM

To the extent the Federal Government directs, the Contractor agrees to use the metric system of measurement in its Contract activities, in accordance with the Metric Conversion Act, as amended by the Omnibus Trade and Competitiveness Act, 15 U.S.C. § 205 (a) *et. seq.*; Executive Order No. 12770, "Metric Usage in Federal Government Programs," 15 U.S.C. § 205(a) note; and applicable U.S. DOT or FTA regulations in accordance with applicable Federal directives. As practicable and feasible, the Contractor agrees to supply products and services with dimensions expressed in the metric system of measurement. Metric usage shall not be required to the extent that such use is impractical or is likely to cause significant inefficiencies or loss of markets to United States firms.

14. MANDATORY DISCLOSURE

The Contractor shall timely disclose, in writing, to WMATA's Office of the Inspector General (OIG), with a copy to the Contracting Officer, whenever, in connection with the award, performance, or closeout of this Contract or any subcontract hereunder, the Contractor has credible evidence that a principal, employee, agent, or subcontractor of the Contractor has committed—

- (a) A violation of Federal criminal law involving fraud, conflict of interest, bribery, or gratuity violations found in Title 18 of the United States Code; or
- (b) A violation of the civil False Claims Act (31 U.S.C. §§ 3729-3733).
 - (1) WMATA, to the extent permitted by law and regulation, will safeguard and treat information obtained pursuant to the Contractor's disclosure as confidential where the information has been marked "confidential" or "proprietary" by the company. To the extent permitted by the law and regulation, such information will not be released by WMATA to the public pursuant to a Public Access to Records (PARP) request. WMATA may transfer documents provided by the Contractor to any department or agency within the state, Federal or local government, if the information relates to matters within the organization's jurisdiction.
 - (2) If the violation relates to an order against a government-wide acquisition contract, a multi-agency contract, a multiple-award schedule contract

such as the Federal Supply Schedule, or any other procurement instrument intended for use by multiple agencies, the Contractor shall notify the OIG of the ordering agency and the OIG of the agency responsible for the basic contract.

15. WHISTLEBLOWER PROTECTION

- (a) The Contractor and its subcontractors shall encourage their employees and independent contractors to report information, without fear of actual or threatened discrimination, retaliation or reprisal that they in good faith reasonably believe is evidence of gross mismanagement; gross misuse or waste of public resources or funds; fraud; violation of law; abuse of authority in connection with the conduct of WMATA's operations or contracts; or a substantial and specific danger to health, security or safety. The Contractor and its subcontractors shall notify their employees that they may make reports under this paragraph to:
 - (1) WMATA's Office of Inspector General (OIG), in person, in writing, through the OIG Hotline (888-234-2374), via email at wmata-oig-hotline@verizon.net or by any other reasonable means;
 - (2) WMATA's Metro Transit Police Department (MTPD), in person, by telephone (202-962-2121) or by any other reasonable means, or to the OIG, if the information constitutes a potential violation of criminal law;
 - (3) WMATA's Chief Safety Officer, in person, in writing, through the SAFE Hotline (202-249-7233) or email safety@wmata.com, or by any other reasonable means; or
 - (4) Any other official, office or agency within WMATA or outside WMATA that the employee or independent contractor reasonably believes has the authority to act on the matter.
- (b) The Contractor, its employees, independent contractors and subcontractors shall cooperate with any inquiry or review by an authorized official of WMATA, or by the Federal government or any other governmental entity with jurisdiction over WMATA, regarding a matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, and with any enforcement or judicial proceeding arising from such inquiry or review.
- (c) The Contractor and its subcontractors shall not interfere with or deny the right of any employee or independent contractor of either the Contractor or any of its subcontractors to make a report under paragraph (a). The Contractor and its subcontractors shall not recommend, take or threaten to take any action having a negative or adverse impact on any employee or independent contractor of either the Contractor or any of its subcontractors because he or she:
 - (1) Made or is perceived to have made a report under paragraph (a);
 - (2) Sought a remedy under applicable law after making a report under paragraph (a);

- (3) Participated in or cooperated with an inquiry or review by an authorized official of WMATA, or by the Federal government or any other governmental entity with jurisdiction over WMATA, regarding a matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, or with an enforcement or judicial proceeding arising from such inquiry or review;
 - (4) Refused to obey an order that would violate law; or
 - (5) Refused To Work or authorize work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there was no reasonable alternative to refusal, there was not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, notified the Contractor or subcontractor of the condition and of his or her intent not to perform or authorize work.
- (d) The Contractor shall include, or shall cause to be included, the substance of this clause, including this paragraph (d), in its subcontracts at all tiers.

16. WORKPLACE VIOLENCE/ZERO TOLERANCE

Pursuant to Metro Policy/Instruction 7.8.3, all Metro Contractors must: (1) establish zero tolerance for acts of workplace violence for their employees and those of subcontractors at any tier, and (2) not retaliate against any of their employees or independent contractors for cooperating with investigations.

17. DRUG AND ALCOHOL TESTING (FOR SAFETY SENSITIVE FUNCTIONS ONLY)

- (a) Contractors who perform "safety sensitive" functions (as defined in the Combined Glossary attached hereto) shall be subject to compliance with a drug and alcohol testing program according to Federal guidelines published in FTA regulations. The Contractor agrees to establish and implement a drug and alcohol testing program that complies with 49 C.F.R. Parts 40 and 655, produce any documentation necessary to establish its compliance with these regulations, and permit any authorized representative of the U.S. Department of Transportation or its operating administrations, applicable state oversight agency, or the Authority to inspect the facilities and records associated with the implementation of the drug and alcohol testing program as required under 49 C.F.R. Part 655 and review the testing process. The Contractor further agrees as follows:
- (b) To certify its compliance with 49 C.F.R. Parts 40 and 655 and to submit a Management Information System (MIS) report, as required by Federal regulations, to WMATA's Medical Compliance Monitor (MCM) and the Contracting Officer before February 15th of each year. To certify compliance, the Contractor shall use the "Alcohol and Controlled Substances Testing" certification contained in the "Annual List of Certifications and Assurances for Federal Transit Administration Grants and Cooperative Agreements," that is published annually in the Federal Register.
- (c) To submit to the MCM and the Contracting Officer before February 15th of each year, a copy of the policy statement developed to implement its drug and alcohol testing program.

- (d) To provide to the MCM and the Contracting Officer before February 15th of each year the following:
 - (1) Employee and supervisor training documentation;
 - (2) The name and location of the collection site(s), laboratory(ies), Medical Review Officer(s), Breath Alcohol Technician(s), Collector(s), and Substance Abuse Professional(s); and a description of their random selection drug and alcohol testing process.
- (e) The Contractor further agrees to submit quarterly management reports summarizing test results to the MCM and the Contracting Officer by the 15th of the month following the end of each quarter.

18. EMPLOYMENT RESTRICTION WARRANTY

- (a) The Contractor warrants that it will not offer employment to, solicit or discuss prospective employment with, or otherwise engage in substantive employment related discussions or communications with, any present or former Board member of the Authority who has been involved, directly or indirectly, in any matter of financial interest to the Contractor until at least two (2) years after the Board member has ceased involvement in the matter. The post-employment restriction on former Authority employees is one (1) year from the date of their last employment with WMATA. The Contractor shall not knowingly engage in communications of the nature described above with any immediate family member or member of the household of any Authority employee or Board member during the period when such employee or Board member is involved in any matter of financial interest to the Contractor.
- (b) If a former Board member or employee of the Authority is eventually hired, the Contractor shall ensure that the former Board member or employee is not involved in negotiating or otherwise dealing with the Authority on any particular matter over which he or she had responsibility during his or her tenure.
- (c) Should the Contractor fail to comply with the provisions hereof, and no fraud is suspected, the Contracting Officer shall have the right to withhold payment under this Contract in an amount not to exceed two percent (2%) of the total Contract amount as liquidated damages to the Authority, such withholding to be in addition to any other withholding or retainage under this Contract. Any dispute shall be settled in accordance with the "Disputes" clause of this Contract.
- (d) If fraud is suspected, the Authority's only remedy prior to a final decision by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

19. GRATUITIES

- (a) In connection with performance of this Contract, or any changes or modifications relative thereto, the giving of or offering to give gratuities (in the form of entertainment, gifts or otherwise) by the Contractor, or any agent, representative or other person deemed to be acting on behalf of the Contractor, or any supplier or subcontractor furnishing material to or performing work under this Contractor, to any Board member, employee or agent of the Authority; with a view toward securing this Contract or securing favorable treatment regarding this Contract is expressly forbidden. The terms of this "Gratuities" clause shall be strictly construed and enforced in the event of violations hereof.
- (b) Reported instances of the giving or offering to give gratuities within the context of this "Gratuities" clause will be investigated by the Authority's Board of Directors or its duly authorized representative. A preliminary investigation will be made to determine whether there is probable cause to suspect that a violation of this clause exists. If such probable cause exists, the Board of Directors, or its duly authorized representative, shall formally notify WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.
- (c) The rights and remedies of the Authority provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided under this Contract, at law or in equity.

20. OFFICIALS NOT TO BENEFIT

- (a) No member of or delegate to Congress, resident commissioner or member of a state or local public body shall be admitted to any share or part of this Contract, or to any benefit that may arise therefrom during his or her tenure or for two (2) years thereafter, unless his or her interest in the business entity that is awarded this Contract is placed in a blind trust in accordance with the rules and regulations of the U.S. Office of Government Ethics (OGE).
- (b) Enforcement of this clause shall be consistent with 18 U.S.C. § 431.

21. ORGANIZATIONAL CONFLICTS OF INTEREST

- (a) An organizational conflict of interest (OCI) exists when the nature of the work to be performed under a proposed contract or a subcontract may, without some restriction on future activities result in an unfair competitive advantage to the Contractor or subcontractor; because of (1) unequal access to information, (2) biased ground rules or (3) impaired objectivity. An unequal access to information OCI may exist if in performing a Contract, a Contractor obtains access to non-public information that provides it with a competitive advantage in a later competition. A biased ground rules OCI may exist if the Contractor has a role in setting rules for a source selection in which it will compete. An impaired objectivity OCI may exist if, in performing a

Contract, a Contractor is called upon to evaluate an offer from or performance by, itself or an affiliated entity.

- (b) In the event that the Contractor believes that it or any of its potential subcontractors may have an OCI, it shall notify the Contracting Officer, in writing, within five (5) working days after it becomes aware of the potential or actual OCI. The written notification shall identify the nature and circumstances of the perceived conflict and propose appropriate measures to eliminate or mitigate the OCI. The Contracting Officer will review the circumstances and the proposed mitigation plan and notify the Contractor stating whether: (1) no mitigation is required; (2) the conflict cannot be mitigated; or (3) the conflict can be mitigated and he or she accepts the proposed measures, or recommends additional measures.
- (c) The Contractor's failure to identify such perceived conflicts may result in the Contract being rescinded or terminated.
- (d) Should the Contractor identify or become aware of a conflict during the term of this Contract, including any extension thereof that it could not reasonably anticipate prior to award, it shall notify the Contracting Officer in accordance with paragraph (b), or request an exception to the restriction with supporting rationale. The Contracting Officer shall consider the Contractor's proposed measures to mitigate or eliminate the conflict, or the request for an exception.
- (e) If the proposed measures are not determined to be feasible or are otherwise not acceptable to the Contracting Officer, he or she may terminate the Contract. If the Contracting Officer does not grant a request for an exception, and the Contract is not terminated, the Contractor shall be notified in writing and be given ten (10) days from the date of the written notification to take all necessary actions to comply with this clause.
- (f) If the proposed measures are determined to be acceptable to the Contracting Officer, he or she may grant a specific exception to this restriction, when in the Contracting Officer's judgment, the exception will not create a conflict between the Contractor's duties and obligations under this Contract and the duties and obligations imposed on the Contractor under another contractual or other relationship.
- (g) If the Contractor fails to comply with the terms of this clause, and no fraud is suspected, the Contracting Officer, may withhold payments due under this Contract until such time as the Contractor is in compliance or, should the non-compliance remain uncorrected at the expiration of ten (10) days from the Contracting Officer's written notice as provided in paragraph (b), terminate the contract for default pursuant to this Contract.
- (h) If fraud is suspected, the Authority's only remedy prior to a final determination by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.
- (i) The Contractor, in performing this Contract, shall avoid any conduct that might result in or give the appearance of creating for Board members or employees of the

Authority in their relationship with the Contractor, any conflicts of interest or favoritism and/or the appearance thereof and shall avoid any conduct that might result in a Board member, or employee failing to adhere to any Code of Ethics or standards of conduct adopted by the Authority's Board of Directors.

- (j) The Contracting Officer's determination under this clause shall be final and shall be considered a question of fact within the meaning of the "Disputes" article of this Contract.

22. CONTRACTOR PERSONNEL

- (a) The Authority may direct the replacement of the Contractor's employees reasonably deemed to be unsuitable by the Contracting Officer, or whose continued participation in the work is deemed contrary to the best interests of the Authority. Except in circumstances deemed exigent by the Contracting Officer, the reason for replacement will be discussed between the Contractor and the Authority before a replacement directive is issued. Upon receipt of a written replacement directive from the Authority specifying the date by which the replacement must occur, the Contractor shall proceed with the replacement and shall do so in a manner that minimizes, to the greatest extent practicable, any impact upon the Contract.
- (b) Contractor personnel required to work on WMATA's property must obtain a WMATA vendors' badge and successfully complete the mandatory safety training that must be renewed yearly. The Contractor must advise its affected personnel that, to obtain a vendor's badge, a signed waiver to perform a background check is required.

23. FALSE STATEMENTS, CLAIMS OR SUBMISSIONS

- (a) The Contractor acknowledges its responsibility to undertake its obligations under this publicly funded Contract with full integrity and, to take all reasonable steps to ensure that statements, claims and submissions made pursuant to this Contract are provided in good faith and with a reasonable belief as to their truthfulness, accuracy and completeness.
- (b) In the event that it is finally determined by a court of competent jurisdiction that any statement, claim, submission, or certification made by or on behalf of the Contractor pursuant to a material element of the Contract was knowingly false, fictitious or fraudulent, the Authority shall be entitled to recover from the Contractor, an amount equal to not more than three (3) times the monetary value of the benefit derived or sought to be derived by the Contractor through its false statement, claim or submission. For purposes hereof, an element of the Contract shall be deemed material if it impacted or could reasonably have been intended to impact the disposition of any claim, dispute, proposed or implemented change order, proposed pricing or schedule adjustment of any nature, or other substantive issue directly affecting the rights of the parties under the Contract.
- (c) The Authority's only remedy prior to a final determination by a court of competent jurisdiction is to report the matter to WMATA's Office of Inspector General (OIG), the U.S. Department of Transportation's Office of Inspector General (DOT-OIG), the

Offices of Inspectors General of any state or Federal agency providing funding under this Contract and/or appropriate Federal, state and/or local law enforcement authorities.

- (d) The Authority's rights set forth in this article are in addition to any contractual, legal or equitable rights that may arise upon the Contractor's submission of a false claim or statement, including without limitation, the Authority's right to terminate the Contract for default once fraud is finally determined by a court of competent jurisdiction. The provisions of this clause shall not serve in any respect to limit, waive or modify any civil or criminal liability, of the Contractor or any of its officers, agents or employees that such conduct may precipitate.

CHAPTER X – MISCELLANEOUS ADDITIONAL PROVISIONS

1. FEDERAL, STATE, AND LOCAL TAXES

- (a) Except as may be otherwise provided in this Contract, the Contract price shall be deemed to include all applicable Federal, state and local taxes and duties.
- (b) If a statute, court decision, written ruling or regulation regarding any Federal excise tax or duty on the transactions or property covered by this Contract takes effect after the Contract date, and:
- (c) Results in the Contractor being required to pay or bear the burden of any such Federal excise tax or duty or rate increase that would not otherwise have been payable on such transactions or property, the Contract price shall be increased by the amount of such tax or duty or rate increase, if the Contractor warrants in writing that no amount for such newly imposed Federal obligation was included in the Contract price as a contingency reserve or otherwise; or
- (d) Results in the Contractor not being required to pay or bear the burden of, or in its obtaining a refund or drawback of, any Federal excise tax or duty that would otherwise have been payable on such transactions or property or that was the basis of an increase in the Contract price, the Contract price shall be decreased by the amount of the relief, refund, or drawback, or that amount shall be paid to the Authority, as the Contracting Officer directs. If the Contractor fails to follow the Contracting Officer's instructions, it will be required to pay or bear the burden of, any such Federal excise tax or duty through a decrease in the Contract price.
- (e) Paragraph (b) above shall not be applicable to social security taxes or to any other employment tax.
- (f) No adjustment of less than \$250 shall be made in the Contract price pursuant to paragraph (b).
- (g) As used in paragraph (b), the term "Contract date" means the date the Contract was executed by the Authority. As to additional services, supplies or construction procured by modification to this Contract, the term "Contract date" means the effective date of such modification.
- (h) The Contractor shall promptly notify the Contracting Officer of matters that may result in either an increase or decrease in the Contract price under this clause and shall take action as the Contracting Officer directs. The Authority shall be entitled to a reduction in the Contract price reflecting such amount and a refund of monies paid related to such taxes, plus applicable interest.

2. PUBLIC COMMUNICATION

The Contractor shall not issue communications to the media, place advertisements, nor publicize through any means the services, goods or construction that it is providing to WMATA under this Contract, without prior written consent of the Contracting Officer. The Contractor shall not publish, in print or online, any communications products such as

newsletters, press releases, blogs or other communications without the Contracting Officer's prior, written consent. Approval of any such requests shall be at the Contracting Officer's sole discretion.

3. CHOICE OF LAW, CONSENT TO JURISDICTION AND VENUE

- (a) This Contract shall be deemed to be executed in the District of Columbia, regardless of the domicile of the Contractor and shall be governed by and construed in accordance with the laws of the District of Columbia except to the extent, if any, superseded by Federal law.
- (b) The parties agree that any and all claims asserted by or against the Authority arising hereunder or related hereto shall be heard and determined either in the courts of the United States located in the District of Columbia, the State of Maryland or the Commonwealth of Virginia or in the courts of the District of Columbia, State of Maryland or Commonwealth of Virginia that maintain jurisdiction over such claims and where venue properly resides.

4. SEVERABILITY

If the Contract contains any unlawful provisions, the same shall be deemed of no effect, and shall upon the application of either party be stricken from the Contract without affecting the binding force of the Contract as it shall remain after omitting such provision.

5. SURVIVAL

Any provision expressly set forth as surviving the expiration or termination of this Contract, shall be deemed to survive any such expiration or termination.

CHAPTER XI – ADDITIONAL PROVISIONS

1. AMERICANS WITH DISABILITIES ACT ACCESSIBILITY –

- (a) The Contractor agrees that it will operate public transportation services in compliance with 42 U.S.C. § 12101 *et seq.*; DOT regulations, “Transportation Services for Individuals with Disabilities (ADA)” using facilities and equipment that comply with 49 C.F.R. Part 37; and Joint ATBCB/DOT regulations, “Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles,” 36 C.F.R. Part 1192 and 49 C.F.R. Part 38. Private entities must comply with the requirements of 49 C.F.R. Part 37 applicable to public entities with which they contract to provide public transportation services.
- (b) Facilities to be used in public transportation service must comply with 42 U.S.C. § 12101 *et seq.*; DOT regulations, “Transportation Services for Individuals with Disabilities (ADA),” 49 C.F.R. Part 37; and Joint ATBCB/DOT regulations, “Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles,” 36 C.F.R. Part 1192 and 49 C.F.R. Part 38.

2. RETAINAGE

- (a) N/A
- (b) N/A
- (c) *No Retainage.* No provision of this Contract shall serve to deny Contractor’s entitlement to full payment for properly performed work or suitably stored materials. No amounts shall be withheld from any payment request submitted by Contractor based on percentage of the work performed during the period of performance and no amounts shall be assigned to the line items, other than as assigned by Contractor in its payment requests.

3. GOVERNMENT-WIDE DEBARMENT OR SUSPENSION-

- (a) The Contractor is bound by its certification contained in its offer to the Authority that neither the Contractor its principals, or affiliates, are excluded or disqualified, from Federal contracting. The certification is a material representation of fact, relied upon by the Authority in entering into this Contract. If it is later determined that the Contractor knowingly rendered an erroneous certification, in addition to remedies available to the Authority, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The Contractor agrees to comply with the requirements of 2 C.F.R, part 180, subpart C as adopted and supplemented by U.S. DOT regulations at 2 C.F.R, part 1200 “Nonprocurement Suspension and Debarment,” including any amendments thereto, Executive Orders Nos. 12549 and 12689 “Debarment and Suspension” 31 U.S.C. § 6101 note, and other applicable Federal laws, regulations or guidance regarding participation with debarred or suspended contractors throughout the term of this Contract.
- (b) Flow-down requirement. The Contractor agrees to include this article in all subcontracts at all tiers under this Contract requiring lower tier contractors to comply with Federal suspension and debarment requirements, and review the System for

Award Management (SAM) at www.sam.gov in order to comply with U.S. DOT regulations at 2 C.F.R, Part 1200 prior to awarding any subcontract under this Contract.

4. FALSE STATEMENTS OR CLAIMS CIVIL AND CRIMINAL FRAUD

- (a) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U. S. C. § 3801 *et seq.* and U. S. DOT Regulations, "Program Fraud Civil Remedies," 49 C.F. R. Part 31, apply to its actions pertaining to this Contract. Upon execution of this Contract, the Contractor certifies and affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to this Contract or FTA assisted project for which this Contract is being performed. In addition to other penalties that may be applicable, the Contractor further acknowledges that if it makes or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Contractor to the extent that it deems appropriate.
- (b) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U. S. C. 5307, the Government reserves the right to impose the penalties of 18 U. S. C. 1001 and 49 U. S. C 5307 (n)(1) on the Contractor, to the extent the Federal Government deems appropriate.
- (c) Flow-down requirement. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to the provisions.

5. PROGRESS PAYMENTS

When satisfactory progress has not been achieved by a Contractor during any period for which a progress payment is to be made, a percentage of the progress payment may be retained. Retainage should not be used as a substitute for good contract management, and the Contracting Officer should not withhold funds without cause. Determinations to retain and the specific amount to be withheld shall be made by the Contracting Officer on a case-by-case basis. Such decisions will be based on the Contracting Officer's assessment of past performance and the likelihood that such performance will continue. The amount of retainage withheld shall not exceed ten percent (10%) of the approved, estimated amount in accordance with the terms of this Contract and may be adjusted as the Contract approaches completion to recognize better than expected performance, the ability to rely on alternative safeguards, and other factors. Upon completion of all Contract requirements, retained amounts shall be paid promptly.

6. BONDING FOR CONSTRUCTION PROJECTS EXCEEDING \$150,000

N/A

7. **BONDING REQUIREMENTS – GENERAL**

N/A

CHAPTER XII-WMATA POLICIES

1. SAFETY REQUIREMENTS

- (a) The Contractor shall be responsible for ensuring compliance with the most stringent provisions of the applicable statutes and regulations of the District of Columbia, State of Maryland, Commonwealth of Virginia or political subdivision where the work is being performed, as well as the METRO Construction Safety and Environmental Manual (1984, as amended) issued by the Authority, and the U.S. Department of Labor OSHA standards pertaining to the safe performance of the work. In the absence of a specific construction industry standard, the Contractor is required to comply with either an established OSHA General Industry Standard, National Institute for Occupational Safety and Health (NIOSH) guidelines, American Conference of Governmental Industrial Hygienists (ACGIH) guidelines, American National Standards Institute (ANSI) guidelines, the WMATA System Safety Program Plan, the WMATA Construction Safety and Environmental Manual, or the Metrorail Safety Rules and Procedures Handbook. For contracts where work will be performed on, or will interface with the Metrorail System, the Contractor shall also comply with the publication entitled "Metrorail Safety Rules and Procedures Handbook." In the event of a conflict between these guidelines and applicable Federal, State or local health and safety laws, regulations or standards, the more stringent standard shall apply. Further, the Contractor shall ensure that all methods of performing the work do not involve danger to the personnel working at the site, and the public and private property, whether or not these methods are cited or indicated in the Contract. The Contractor shall immediately provide to the Contracting Officer, a copy of all citations and/or warnings of safety violations received from any Federal, State or local jurisdiction or agency thereof, and/or all notifications of safety violations from insurance companies. The Contractor shall also provide to the Contracting Officer, copies of any and all subpoenas, complaints or other documents relating to any law suit alleging safety violations.
- (b) N/A
- (c) The Contractor shall provide, at the site of the work, a first aid kit which shall be fully equipped to meet the needs of the anticipated work force.
- (d) The Contractor shall follow all appropriate RAIL Operational Rules, Operational Administrative Procedures (OAPs), Standard Operational Procedures (SOPs) and General and Special Orders while on the operational railroad and all Start-Up Rules and Manager's Notices when in declared start-up areas.

2. PRE-EMPLOYMENT CRIMINAL BACKGROUND CHECK REQUIREMENT

Pursuant to Metro Policy Instruction 6.10/5, WMATA requires that all Contractor employees and candidates for employment undergo and pass criminal background screenings before being eligible to work on WMATA's property and facilities. Contractor employees and candidates who pass the background screenings are eligible to enter WMATA's property once WMATA issues them a Contractor's badge. Contractor employees and candidates who do not authorize background screenings or whose background screenings are unsatisfactory

will not be granted Contractor badges or access to WMATA's property. Contractors' badges are valid for one (1) year from the date of issuance.

3. WORKPLACE VIOLENCE/ZERO TOLERANCE

Pursuant to Metro Policy/Instruction 7.8.3, all Metro Contractors and subcontractors at any tier must: (1) establish zero tolerance for acts of workplace violence for their employees and independent contractors, and (2) not retaliate against any of their employees or independent contractors for cooperating with investigations.



MID-ATLANTIC COOPERATIVE RIDER CLAUSE

The Mid-Atlantic Purchasing Team (MAPT) is the agreement between the Metropolitan Washington Council of Governments (“MWCOC”) and the Baltimore Metropolitan Council (“BMC”) to aggregate the public entity and non-profit purchasing volumes in the Maryland, Virginia and Washington, D.C. region (“region”).

Format

A lead agency format is used to accomplish this work. The Lead Agency in this procurement has included this MAPT Cooperative Rider Clause in this solicitation indicating its willingness to allow other public entities to participate pursuant to the following Terms and Conditions:

1. Terms
 - 1.1 Participating entities, through their use of the Cooperative Rider Clause, agree to the terms and conditions of the resulting contract to the extent that they can be reasonably applied to the participating entity.
 - 1.2 Participating entities may also negotiate additional terms and conditions specific to their local requirements upon mutual agreement between the parties.
2. Other Conditions - Contract and Reporting
 - 2.1 The contract resulting from this solicitation shall be governed by and "construed in accordance with the laws of the State/jurisdiction in which the participating entity officially is located;
 - 2.2 To provide to MWCOC and/or BMC contract usage reporting information, including but not limited to quantity, unit pricing and total volume of sales by entity, as well reporting other participating entities added on the contract, on demand and without further approval of contract participants;
 - 2.3 Contract obligations rest solely with the participating entities only;
 - 2.4 Significant changes in total contract value may result in further negotiations of contract pricing with the lead agency and participating entities.

In pricing and other conditions, vendors are urged to consider the broad reach and appeal of MAPT with public and non-profit entities in this region.

A list of the participating members of the Mid-Atlantic Purchasing Team can be found at the following web links www.mwcog.org/purchasing-and-bids/cooperative-purchasing/member-links/ and <http://www.baltometro.org/our-work/cooperative-purchasing/brcpc-representatives>

PART III TECHNICAL SPECIFICATIONS

Introduction

The Washington Metropolitan Area Transit Authority (WMATA) is seeking Proposals to manufacture, supply and distribute Contactless Smart Cards (CSC) and other services as stated herein. WMATA's smartcard system currently supports only Mifare Plus X cards. WMATA may update this system to further support MiFare DESFire EV2, or similar versions in subsequent years of this contract.

This is an Indefinite Delivery/Quantity Contract for the supplies or services specified, including CSCs, new products, fulfillment, and additional services. Contractors must have the capability to fully support WMATA's consumer demand for the products described in the SOW, and Terms and Conditions stated herein.

WMATA requests a firm fixed unit price proposal for CSCs with:

1. custom graphics,
2. personalization services, (photos, etc.)
3. additional services that may include but are not limited to:
 - a. Innovative Card Technology solutions, such as production of alternative MiFare media types (e.g. Stickers, Fobs,) (see preliminary description below)
 - b. Card Integration Solutions and the ability to interface with new systems identified by WMATA
 - c. Barcode Technology Solutions for inventory management and reordering
 - d. Instant issuance on-site photo and digital printing. Proposer must provide all equipment.
 - e. Plastic sleeves for smartcards with printed text and graphics on one side, and clear plastic on the remaining side.

Contractor shall furnish all labor, materials and other performance requirements as indicated. WMATA will manage all projects under this contract. Coordination in the midst of this contract will be done by WMATA staff. WMATA expects that vendors will work together to achieve a final product as outlined in this document. Service Level Agreements will be included to ensure delivery and quality assurance standards are adhered to.

Background

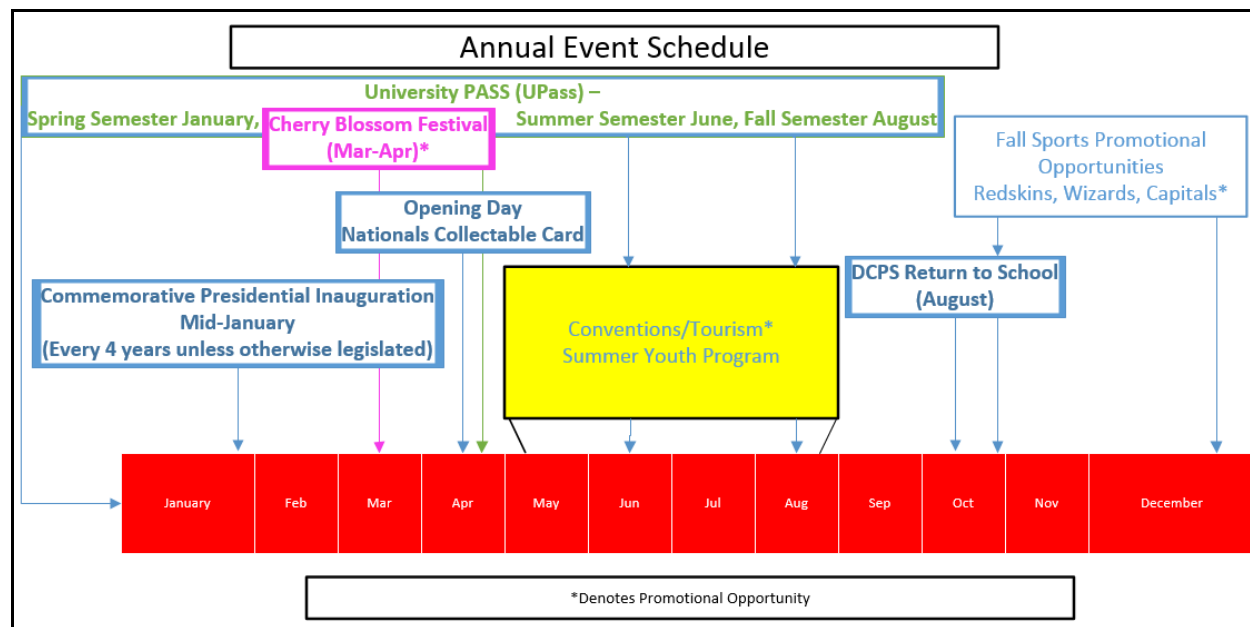
WMATA introduced the SmarTrip® card to Metrorail customers in 1999, becoming the first contactless smartcard transit payment system in the United States. Since that time, nearly 12 million SmarTrip® cards have been sold at WMATA. Today, SmarTrip® cards are used to pay for approximately 99% of the transit trips in the Washington metropolitan region. Transit customers in the Washington DC area can now use their SmarTrip® card to board a WMATA Metrobus and ten additional transit systems in the region (Arlington Transit, Fairfax Connector, City of Fairfax CUE, Alexandria DASH, DC Circulator, PRTC, Loudoun County Transit, Montgomery County Ride-On, Prince Georges County "The Bus", and the Maryland Transit Authority bus and light rail services.) This broad geographic coverage has provided transit customers throughout the region with a seamless fare payment experience.

Scope of Work (SOW) – Custom Cards and Personalization

WMATA is seeking to procure an estimated quantity of 500,000 to 1,000,000 contactless smartcards (CSCs) with the MiFare Plus X Chip (or DESFire EV2 in subsequent years) during the

first year, with anticipated growth in subsequent years. The CSCs will be printed with custom graphics and may be purchased in varying quantities as required to meet inventory needs.

Below is an estimated Event schedule for the Washington Metropolitan area. This graphic represents promotional opportunities but is not intended to be absolute. WMATA will place orders based on operational needs.



This contract also includes a request for Contractor to customize, manufacture and maintain an inventory of card stock for personalization, and prepare cards with personalized information. Card personalization may be used for specialized fare programs, including annual passes, reduced fare customers, institutional passes, special programs, etc. Primary components for Custom Cards and Card Personalization services include the following (see Price Proposal for minimum/maximum quantities):

1. Card manufacturing, initialization, personalization as necessary, fulfillment of MiFare smartcards and mailing or shipment to WMATA or specified locations. Quantities will be based on demand for services.
2. Card initialization for use in WMATA's fare collection system and integration with CUBIC® Transportation Systems. Integration with CUBIC® Transportation Systems is a requirement.
3. Production capability to meet demand for 500,000 – 1,000,000 custom graphic cards during the first year, with potential growth in subsequent years.
4. Database management using compatible file formats for integration of data and images for the creation of personalized cards. Database and file format requirements will be provided by WMATA. (i.e Microsoft Office Suite, ProWatch, CERT, SharePoint, SFTP, etc.).
5. Support for specialized programs upon demand including printing, artwork, packaging and delivery, labeling, shipment of MiFare smartcards, inventory management, file transfers, storage and reports.
6. Personalization of cards with pre-approved artwork and card template/layout, pre-designed graphics, individual names, identification numbers, multiple combinations of cardholder photos, eligibility expiration date, special graphics, and/or text provided by

WMATA or its partners, initialization information such as rider class, product (if applicable) and card or pass expiration date.

7. Card personalization shall be performed at locations within the United States of America
8. MiFare Cards will be printed in sequential order, when possible, using compatible data files and photos provided by WMATA. Reports will be generated for card production, shipment and tracking.

Contractor must provide all equipment for Custom Cards and Personalization services. Both Custom graphic cards and personalized cards may require the addition of stored value and/or passes by the Contractor, as identified by WMATA at time of placing the order. Shipping and delivery may be required to bulk customers, individual customers, and/or to WMATA directly.

The Proposal shall also include a description of Contractor's ability to support Technology Advancements which are potential smartcard-related initiatives WMATA may request Contractor to implement. (Details are included below.) Contractor is requested to include pricing for Technology Advancement options identified in the Price Proposal sheet. However, scope and costs for each initiative will be defined and negotiated as required to meet WMATA's business needs.

The Proposal shall include the following options:

1. Innovative Card Technology solutions, such as production of alternative MiFare media types (e.g. Stickers, Fobs,) (see preliminary description below)
2. Card Integration Solutions and the ability to interface with new systems identified by WMATA
3. Barcode Technology Solutions for inventory management and reordering
4. Instant issuance on-site photo and digital printing. Proposer must provide all equipment.
5. Plastic sleeves for smartcards with printed text and graphics on one side, and clear plastic on the remaining side.

Period of Performance

The Base Period of Performance is three (3) years commencing on the date of award. The Authority has the unilateral right to exercise two (2), one (1) year option periods, subject to all Terms and Conditions stated herein and the availability of funds.

Card Reliability and Warranty

All workmanship, parts and materials furnished for this Contract shall be unconditionally warranted against failures or defects for a period of one (1) year after WMATA accepts them and/or places them in service, whichever is earlier. The Contractor shall accept WMATA's records regarding the date the item was placed in service and Terms and Conditions as stated herein. The warranty will be specific and evaluated as part of the Technical Proposal of the Evaluation Criteria. The awarded vendor(s) shall replace defective CSCs during the warranty period, when the failure is not due to patron misuse, at no charge to WMATA and shall document each smart card replaced.

The defect rate for CSCs (excluding failures caused by patron abuse) shall not exceed 3% of all cards in circulation (excluding dormant and negative-listed cards) per month. Defect rates shall be calculated on a monthly basis during the warranty period. Failure to achieve required reliability levels for three consecutive months shall result in declaration of a fleet-wide defect, and the

awarded vendor(s) shall provide the option to switch to a different card manufacturer for further issuance at no additional charge.

Changes Initiated by Contractor

Contractor will bear all costs associated with any changes in materials, cards or processes, if the change is initiated by the Contractor. Contractor must continue to provide the same level of service and quality as the original materials, cards and processes supplied as part of the proposal and approved by WMATA. Quality control inspections and testing will be required to demonstrate quality, operation, and integration within the WMATA system. All changes must be approved in advance by WMATA, and must be accompanied by a phased approach, and detailed product integration strategy to meet WMATA's quality standards and business needs. Proposers must provide a list of top three raw materials suppliers, for chips, inlays, and card bodies.

Ordering

The Contracting Officer's Technical Representative (COTR) shall order supplies and/or services to be furnished under this Contract within the range of the minimum and maximum quantities as specified in the Price Proposal. Such orders may be issued throughout the Period of Performance. All orders are subject to the Terms and Conditions of this Contract.

CSC Descriptions – Custom Cards and Personalization

Card types differ in physical appearance as well as in the types of fare products that must be delivered. Below is a description for each of the cards in Table 1. Product codes have been added to correspond with the Price Proposal (Graphic reproductions of all CSC types are provided in Appendix B, as an example of the types of cards and graphics that could be requested.)

1. **Custom Graphic** (GG and CP)- Refers to a card with a graphic that is unique to a particular CSC, event or advertising special promotion produced and distributed in limited quantities. These cards go through an approval process managed by WMATA, can only be used for intended promotions. These cards may or may not have products loaded on them at the time of initialization. These cards may be personalized (and include a photo) and are shipped to the requesting Agency, event, etc., in bulk shipments. Examples include UPASS and Inauguration cards (both are specialty cards for programs and events as the need arises).
2. **MetroAccess** (MA) – Provided to a qualified authorized user. This card is typically initialized and personalized by WMATA. Contractor may be requested to initialize and personalize; individual and bulk shipments may be required.
3. **Disabled** (Reg) –Card for qualified individuals that meet specified criteria. This card is typically initialized and personalized by WMATA. Contractor may be requested to initialize and personalize; individual and bulk shipments may be required.
4. **New Fare Products** (New) – Intentionally left blank for Contractors to provide innovative solutions, or new fare media products requested by WMATA.
5. **Stickers, Fobs, Rings** (SFR) – Special form factor media that WMATA may request in the future.
6. **Personalization** (P) - Projects will be assigned that require card personalization. Services include but are not limited to graphics, photograph, individual identification and special instructions

regarding the program. WMATA MetroAccess cards are an example of potential personalization services required by WMATA. These cards will be determined on a case by case basis and will be managed by WMATA staff.

Table 1 below is a listing of the different types of cards that the Contractor may be requested to initialize, personalize, and load with fare products. The Card Type number shall be used to identify each category of card. Highlighted or checked areas indicate required card features. Multiple and different features may apply to each order placed by WMATA. Card features may change at WMATA's discretion.

Table 1

Card Type	Card Description	Product Code	Initialized	Uninitialized	*Pass, Date or Value load	Photo	WMATA Inventory Orders	Individual and Bulk Order Fulfillment
1	Custom Graphic	CG and CP	X	X	X	X	X	X
2	MetroAccess	MA	X	X	X	X	X	X
3	Disabled	Reg	X	X	X	X	X	X
4	New Fare Products	New	X	X	X	X	X	X
5	Stickers, Fobs, Rings	SFR	X	X	X	X	X	X
6	Personalization	P	X		X	x	X	X

*Pass and load values include numerous denominations

Packaging and Delivery

Contractor must have the ability to produce and deliver all orders within 30 calendar days.

All CSCs will typically be delivered boxed in quantities of 3,000. Each box will contain 6 sleeves of 500 cards each (see sample of label below). Minimum Requirements for each custom project will be specified at the appropriate time.

The CSCs shall be packaged in a manner to prevent pilferage or damage during shipment facilitating acceptance and storage at WMATA. The cards shall be packaged in the quantities specified in the specification without leaning or tipping; the TOP card in a stack of 500 cards shall not have a pitch or roll of more than 6 degrees from the horizontal plane.

Each Case of cards should be labeled with the following information:

- * Shipment Date
- * Part Number
- * Card Type
- * Product SKU
- * Product Description
- * Order Number
- * Quantity
- * Case # of #

- * Storage requirements

Each sleeve of cards should be labeled with the following information:

- * Shipment Date
- * Part Number
- * Card Type
- * Product SKU
- * Product Description
- * Order Number
- * Batch Number
- * Serial Number Range
- * Box Number
- * Quantity

All production CSCs shall be delivered as specified in the order. Bulk shipments to WMATA must be sent using secured delivery methods (i.e. United States Postal Service, United Parcel Service, Federal Express), with delivery confirmation and tracking numbers. Delivery locations will vary based on individual or bulk shipment as described herein. WMATA delivery address includes, but is not limited to:

Revenue Collection Facility (RCF)
3301 Eisenhower Avenue
Alexandria, VA 22314

All shipments to WMATA must include packing and inventory paperwork indicating (by card type) the number of boxes and number of cards per shipment. Boxes of cards should be individually numbered and listed on the packing slip. The WMATA purchase order number must be included on the packing slip. An electronic inventory will be included in each shipment and it will reference box number, type of card, and contain a sixteen digit (7 byte UID) CSC number for each card. The file format for the electronic inventory will be Microsoft Excel and supplied via secured email on a CD, or a flash-drive sent with the shipment. With every delivery a shipper or a roll-up is required that includes the type of card, the total number of cards delivered and the "box numbers" included in the shipment.

CSC Initialization

In order for CSCs to work within the SmarTrip® system the following parameters must be integrated with CUBIC® for card initialization, and included on each electronically-blank card during the production process:

1. Transit Application
2. Security Keys
3. Machine Readable Serial Number
4. Rider Classification (e.g., Adult, Senior/Disabled, Youth)
5. Card Expiration Date
6. Batch Sequence number (sequential card serial numbers preferred)

Initialization is defined as the interface between CSC's and card readers (shall conform to the specifications of ISO/IEC 14443-3). Card initializations shall be performed at the Contractors premises (within the United States of America) using the Metro/SmarTrip® system as provided by

CUBIC®.

Contractor may use alternate encoding methods such as high-speed encoder(s) (HSE). The specifications that define the physical and electrical characteristics required for the die-cut composite plastic cards are outlined in the CUBIC® proprietary documentation. Contractor will be required to sign a non-disclosure agreement (NDA). Specifications include design characteristics of MiFare Plus X card (See Appendix C).

Integration

All non-recurring engineering costs for integration with Cubic, WMATA and other systems is the responsibility of the Contractor.

Technical Specifications

CSCs and MiFare Media Types

By responding to this Solicitation, the Contractor hereby certifies that the product(s) offered are in full compliance with the Technical Specifications for the CSCs (see Appendix C). The Technical Specifications define the requirements for materials, manufacturing, handling, packaging, quality assurance, testing and delivery of CSCs to be used in the Washington Metropolitan Area Transit Authority's Automated Fare Collection (AFC) System. Cards shall be an ISO/IEC 14443 contactless-only interface. All fare media activities for CSCs will be performed using this contactless interface. The awarded Contractor(s) shall produce and supply CSCs to WMATA in accordance with the Technical Specifications.

This document only provides an example of graphics to be used. Actual graphics artwork and final printed text will be provided by WMATA with approved purchase orders. Each CSC shall support simultaneous storage and use of stored value, stored trip, and unlimited ride passes. In addition to providing the CSC fare media identified in this solicitation, the awarded Contractor shall update the Specifications for the media, as required, to ensure that all media provided for this solicitation interfaces and works properly with WMATA's Fare Collection System. At the termination of the resultant Contract, the Contractor shall turn over to WMATA the latest version of all Specifications used by the Contractor to acquire the CSCs provided under this solicitation in such a manner that WMATA may use them to procure fare media in the future.

A. Except for designated blank faced cards, Contractors will include WMATA artwork on each CSC. Sample artwork for the front and back for each type of media is provided in this scope of work. Artwork for the front of each card will consist of at least four-color printing for all card types. Artwork for the card back will consist of at least four-color printing on all card types. Artwork samples are shown in later sections of this specification.

B. Contractor will uniquely serialize each CSC according to specifications provided by WMATA at time of award and as subsequently provided. The serial number must be laser engraved. Serial numbers shall be in conformance with ISO/IEC 7812-1 standards and placement will be in conformance with ISO/IEC 7811-3 and ISO/IEC 14443-1. The font size shall be Arial 9 point. Note: FOB and Stickers are NOT required to conform to the Serial Number specification. Contractor shall describe the approach for serializing and identifying FOBs and Stickers.

C. All CSCs must be die-cut.

D. The Contractor(s) must sign multi-party confidentiality agreement(s) before they can obtain a copy of the Design Information for the NextFare Smartcard Serialization and Printing Specification.

E. NXP chips shall be 7 byte with unique serial numbers that have not been used in any application and/or implementation in the past ten (10) years and will not be used in the ten (10) years subsequent to award. Manufacturer is responsible for providing WMATA with this written assurance from its NXP chip supplier.

F. The serial numbers for all cards delivered to WMATA must be compiled and provided electronically in a log file containing the following info. Card Date format is AA (Manufacturer), YY (two-digit year), WK (two-digit week number):

Batch Sequence Number	Card Serial No.	Card Creation Date	Order#	Batch number
A#####	##### ###	AAYYWK	#####_	Batch_#####

Technical Specifications for MiFare Plus X Cards and DESFire EV2

Contractors may offer to provide MiFare Plus X Cards and Mifare DESFire EV2 CSCs. Contractors are limited to these two CSCs at this time. The MiFare Plus X card is the only card used by WMATA at this time. Expansion to the DESFire EV2 is under consideration.

The MiFare Plus X CSCs shall conform to International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC) 7816 [IS07816], and ISO/IEC 14443-3 for CSCs [IS014443].

The MiFare DESFire EV2 CSCs associated with this proposal shall conform to ISO/IEC 14443-2/3 A (part 1-4) and ISO/IEC 7816-4.

Serialization Administration Number

CSCs are to be serialized with the administration number in accordance with the specification. WMATA prefers card serial numbers to be in sequential order if possible.

Printing

The following requirements for the printing of the CSCs apply:

- A. The CSCs shall be delivered with printed graphics as specified on the order.
- B. The colors and graphics of the CSCs shall conform to the artwork specified on the order.
- C. The ink shall not be conductive, abrasive, or magnetic.
- D. Printing shall not smear or transfer during normal handling.
Post printing is only permitted outside of the "keep out" region designated on the specification control drawing for the CSC. If unspecified, the "keep out" region shall be 2 mm from any part of the integrated circuit (IC) chip and antenna. Color-matching color

spectrometer shall be calibrated to CIE-LA8 specification. Graphics shall be compared to WMATA approved artwork.

Art Work

Any art work required to be provided by WMATA under this contract will be presented to the Contractor with each order request issued in the specified file format. Contractor shall provide an art work proof, with three business days of receipt of an order and associated art work from WMATA, for WMATA approval prior to Contractor producing the production run sample cards as required.

Production Samples

Within 5 business days of WMATA approval of artwork for a specific card order, Contractor shall provide WMATA a production sample of cards (quantities will be based on a minimum quantity for the project), for each graphic, and for each fare product encoded on the card, for WMATA review, testing and approval prior to start of card production or encoding for a specific graphic or fare product. After a specific fare product has been tested and approved by WMATA, it will no longer require testing of production samples for future orders. Required delivery schedule for each order will begin upon WMATA approval of the production sample for each order.

Delivery Schedule

WMATA anticipates a standard delivery time of 30 calendar days, after WMATA approval of the production sample, for each card order. However, it is possible that orders may require an accelerated delivery schedule, or may allow for an extended production schedule. Contractor is requested to provide information on the ability to deliver card orders in the timeframes below, along with any additional costs that would be incurred, or cost savings that would be realized, for WMATA's request to accelerate delivery schedules (less than 30 days) or extend delivery schedules (more than 30 days). See price proposal sheets for response format for Premium Factor and Discount factors, which are percentages applied to the per-card cost. The decision to accelerate or extend delivery time for a specific order is solely at WMATA's discretion, and will be determined by WMATA at the time of placing an order.

	<i>Delivery Time after WMATA approval of Production Sample</i>			
Card Quantity in individual project/order	7 calendar days	14 calendar days	30 calendar days	60 calendar days
0 – 9,999 cards			Anticipated “standard delivery” timeframe	
10,000 – 49,999 cards				
50,000 – 99,999 cards				
100,000 – 1,999,999 cards				

Certification

Upon request, the CSC Contractor shall provide material safety data sheets for the materials included in the CSCs. These data sheets will include a description of the material and all other printing materials applied to the card surface. The card supplier shall test the material used in the fabrication of the cards and certify that the material meets all requirements of this specification. WMATA reserves the right to review the Contractor's test data and supporting documentation and

to conduct independent tests on delivered cards prior to acceptance.

WMATA will confirm logical functionality after testing the samples. Physical certification can only be granted upon receiving production samples and after acceptable test results for card material, functionality, printing and successful environmental test completion.

Useful CSC Life

All issued CSCs must have a physical and logical useful life duration of at least eight years when used on a daily basis under normal circumstances for fare payment. Physical and Logical useful life is defined as the ability for the WMATA application residing on the card to continually function successfully for that period of time, including performing successful read/writes to the components residing within the card. The CSCs must meet the read/write performance requirement of not less than 10,000 read/write cycles. The graphics shall not deteriorate for at least eight years when used on a daily basis under normal circumstances for fare payment.

CSC Pre-Encoding

CSCs must be initialized (able to be immediately used in the WMATA system) by the Contractor with the WMATA production application and capable of stored value and/or pass products as required by WMATA. WMATA along with CUBIC®, will supply third party programmer software for Contractor integration into their production systems. WMATA will supply security keys for encoding production cards. Contractor shall provide, prior to delivery of the cards, files as specified in the third party programmer software for all cards initialized and/or value and products added. Contractors will not be able to perform these functions without integration with CUBIC® Transportation Systems.

Any encoding used to check the integrity of the card during the manufacturing process should be erased from the card prior to delivery.

Card Inventory Management

Contractor will be responsible for securely storing and maintaining a minimum of three (3) month supply of card materials and collateral materials to meet projected production requirements. A report will be provided on a monthly basis to include stock levels of all card materials and collateral materials designated to this project. When inventory levels fall below the three (3) month supply, Contractor must notify WMATA. The storage of a minimum of three (3) month supply of card materials and collateral materials should be included in the price. See Appendix A for applicable SLAs.

Inventory Card/Collateral Material Security

The Contractor shall meet the applicable storage security requirements specified in the PCI Security Standards Council PCI Card Production Physical Security Requirements, v1.0 (2013) or later. The Contractor shall bear full liability for negligent and preventable losses from the receipt of the card/collateral material stock until delivery to the specified location using the specified shipping method. The Contractor shall be fully liable for the value of CSCs with or without initialization and/or loaded value, plus any fees associated with replacing lost or stolen CSCs.

Security

All cards shall be produced and stored in secured environment including locks and controlled access, cameras or other monitoring devices; logging in and out of inventory. Vendor must maintain and disclose to WMATA a robust disaster recovery plan to ensure business continuity.

Card Distribution Services

The Card Distribution Services provided by the Contractor includes Card Initialization and Card Mailing & Distribution (Fulfillment).

Card Distribution Services may include the following, based on the type of order being fulfilled:

1. Double Window Envelope (No. 10) or similar products
2. SmarTrip® Users Guide
3. A Card Carrier
4. Other collateral materials required by WMATA

Card Value Loading

The Contractor shall add the appropriate value or pass to the cards as part of order fulfillment for custom or personalized card orders, based on the specific requirements of the order. WMATA reserves the right to change products and volume as needed. Example card types and fare products include, but are not limited to:

1. Regular SmarTrip® No Value
2. Disabled SmarTrip® No Value
3. MetroAccess SmarTrip® No Value
4. \$8 Stored Value
5. 1-Day Metrorail and Metrobus Pass
6. University Pass – Various Dates

Card Mailing and Distribution (Optional Fulfillment)

The scope of work for CSC fulfillment for WMATA includes shipment of both bulk and individual SmarTrip® cards for special projects, as needed. Contractors should provide pricing for a full service solution for card fulfillment and shipping according to these requirements. The fulfillment portion of this Statement of Work is optional.

CSC Mailing and Distribution (Optional Fulfillment) – Individual CSC Orders

The Contractor shall package and mail single card orders from order and personalization information provided by WMATA for special projects, as needed. These cards shall be shipped with associated material. The Contractor shall also develop and provide cover/registration confirmation letters, to be approved by WMATA, for inclusion with the CSC mailing. Proposals should reflect postage paid by the Contractor.

Mailing and distribution process may vary, based on the requirements of the special project. An example of individual card fulfillment requirements is described below:

- * Card will be produced for the special project

- * The name, address, and serial number will be printed onto the carrier
- * The card will be affixed to the carrier
- * The carrier will be inserted in the #10 window envelope
- * The insert will be added to the envelope
- * The address will be visible through the window envelope
- * The envelope will be sealed
- * The envelope will be mailed via USPS or courier as instructed in the order
- * Contractor will provide a .csv response file to WMATA corresponding to the shipments

CSC Mailing and Distribution - Bulk (large quantity) CSC Orders

With respect to bulk orders (25 cards or greater in a single order) or from WMATA, for special projects, as needed, the Contractor shall securely ship the orders to authorized locations, requiring signed receipts for delivery and package tracking. The Contractor shall also develop and provide cover/registration confirmation letters, to be approved by WMATA, for inclusion with the CSC mailing. Packages shall include detailed inventory lists with the box numbers of cards shipped in each package, consistent with the electronic inventory records maintained. Proposals should reflect postage paid by the Contractor.

Mailing and distribution process may vary, based on the requirements of the special project. An example of bulk card fulfillment requirements is described below:

- * SmarTrip® cards, in multiples of twenty-five (25) cards in sequential order
- * A white sticker may be requested to be printed with information such as the dollar value or pre-loaded pass information, website address, bar code, eligibility information, and activation information and affixed to each of the cards. WMATA will specify the sticker information for custom orders and personalized card types. Cards (in multiples of 25) will be placed in a box in sequential number order
- * Box will be sealed
- * Box will be labeled with the sequential number range of card contents
- * Package will be properly addressed with provided destination and return addresses
- * Order will ship via courier to provided address
- * Contractor will provide a .csv response file to WMATA corresponding to the daily shipments

CSC Returns, Refunds and Replacements

The card return, refund, and replacement process shall be managed by WMATA, and will be defined for each special project. The Contractor may be responsible for shipping out replacement cards for special projects. Proposals should reflect postage paid by the Contractor and postage paid by WMATA.

CSC Distribution System Integration

The Contractor shall interface to the SmarTrip® system to exchange information regarding card orders and completed order fulfillments. When a WMATA individual or bulk customer order is placed, either via the Call Center or the online application, the order information will be captured and batched in the database. On a scheduled interval, submitted orders will be extracted from WMATA's systems into a comma delimited file, and transmitted via a Secure File Transport Protocol (FTP) to the Contractor for card fulfillment. Following fulfillment, the Contractor shall

update status of the orders and related order details in the file, and place the updated comma delimited file into the secure FTP site for retrieval by WMATA. The Contractor shall provide a secure FTP site to be used for the exchange of order information. PGP shall be used for encryption. The file format will be provided to the Contractor following award.

TECHNOLOGY ADVANCEMENTS OPTIONAL SERVICES

Item 1: Innovative Card Technology Solutions

WMATA is interested in new and innovative technology solutions that may benefit WMATA, such as:

- * Special form factors for fare media (stickers, fobs, rings, etc)
- * New smartcard alternatives
- * Business/College ID capability
- * Digitization
- * Security and Encryption
- * Product Integration with other business/governmental entities that utilize similar technology
- * Customer retention solutions

Contractors should describe alternatives in their proposals. Responses should be creative and cost efficient aligned with industry standards and emerging technologies.

Special form factors for fare media (stickers, fobs, etc) would be subject to all of the same performance, data, serialization, storage, usage, and delivery requirements described in above, EXCEPT the physical requirements listed in the Physical Standards Section and the Structural Design Section. Contractor is requested to provide information on physical standards, structural design, and physical and logical useful life of proposed alternative form factors. Adhesive long-term form factors shall have a physical and logical useful life of a minimum of 3 years.

Contract Data Requirements List (CDRL)

Contractor shall provide the following plans as specified in the Contract Data Requirements List:

CDRL Item	Required Information	Anticipated Due Date
A. Program Management, Transition and Implementation Plan	Program Management Plan Resumes of Key Personnel Staffing Plan Training Plan Technology Implementation Plan Testing Plan Schedule and Timeline	Draft: XXXXX Revision: XXXXXX Final: XXXXXX
B. Inventory Control Plan	Physical security description Tracking Plan for Initialized/Uninitialized Stock Contingency Inventory	Draft: XXXXXX Final: XXXXXX
C. Inventory Report	Uninitialized card stock, organized by type Initialized card stock, organized by type and expiry date	Monthly

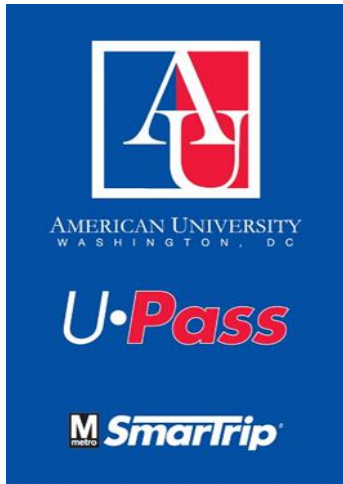
	Card stock that filed initialization Status and projected delivery dates for open orders Order history log	
D. Production Sample	Initial production samples of every graphic and fare product for WMATA inspection and testing	XXXXXX
E. Systems Integration	Architecture Interfaces/APIs Software Data Storage Testing	Draft: XXXXXX Final: XXXXXX
F. Process and Data workflows	Inventory Fulfillment Order Management Production Management	Draft: XXXXXX Final: XXXXXX

APPENDIX A – SERVICE LEVEL AGREEMENT

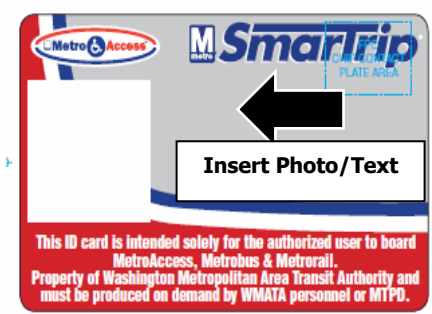
Process	Purpose	SLA	Goal	Remedy
Inventory Control	Maintain sufficient supply (3 months of inventory) of materials as specified	All material must be stocked, secured and reported on a monthly basis.	Maintain sufficient supply levels (3 months of materials)	Operational issues caused by the lack of supplies will lead to a review of contract Terms and Conditions and/or remedy by all parties.
Production Lead Time	Fulfill orders based on lead time preparation.	Manufacture and ship cards to WMATA within 30 calendar days of production sample approval.	Meet expectation	Negotiated prior to contract completion and/or remedy by all parties.
Special projects, such as fulfillment, bulk personalization projects, instant issuance, innovative technology solutions	Meet or exceed specifications such as fulfillment, serialization, initialization, photo, graphics, and other specified requirements	Project scope and lead times will be agreed-upon, and project must be completed to specification.	100% compliance	Work within the parameters to ensure operational goals and/or objectives.
Incorrect Encoding	To ensure system integrity and quality control	Cards should be built to specifications	Shall not exceed 3% of all cards in circulation	Negotiated prior to contract completion and/or remedy by all parties.
Stickers, Fobs and Rings	Produce according to specification	Project scope and lead times will be agreed-upon, and must be adhered to.	100% compliance	Negotiated prior to contract completion and/or remedy by all parties.
Meetings, Auditing and Site Visits	Establish business needs, monitor performance, and facilitate communication.	Monthly meetings (Skype, conference call) and periodic site visits.	100% compliance	To be arranged in agreement with the project team.

APPENDIX B

Detailed Card Descriptions and Examples



Custom Graphic (CG and CP) – Refers to a card with a graphic that is unique to a particular contactless smartcard, an event, or advertising that is distributed in limited quantities to select patrons. May also include a photo. These cards go through an approval process which is controlled by the contactless smartcard Office, and can only be used for the intended application. They are not intended to be distributed “region-wide”. These cards may or may not have products loaded to them at the time of initialization. These cards are bulk shipped to the requesting Agency, event, etc when requested. Custom graphic cards could also include limited editions of cards that are a “Regular” rider class, and would require the Contractor to fulfill individual and bulk orders.



MetroAccess (MA) – Provided to a qualified authorized user. This card is initialized and is personalized. Bulk shipment applies.

Personalization (P) - Projects assignments may require card personalization. Services include but are not limited to graphics, photograph, individual identification and special instructions regarding the program. MetroAccess cards are a good example of some of the items required. These cards will be determined on a case by case basis and will be managed by WMATA staff.



Reduced Fare SmarTrip ID Card (Black Border) (Reg, CG, P) – Provided to qualified authorized user. This card is produced and distributed in the Transit Accessibility Center (TAC) office on-site.



Reduced Fare Attendant Eligible ID Card (Red Border) (Reg, CG, P) – Provided to attendant to use on Metrobus & Metrorail at half the regular fare. This card is also produced and distributed in the Transit Accessibility Center office on-site.

NEW FARE PRODUCT



New Fare Product – As yet undefined but should be expandable to integrate technology advancements and innovative solutions, or new fare products.

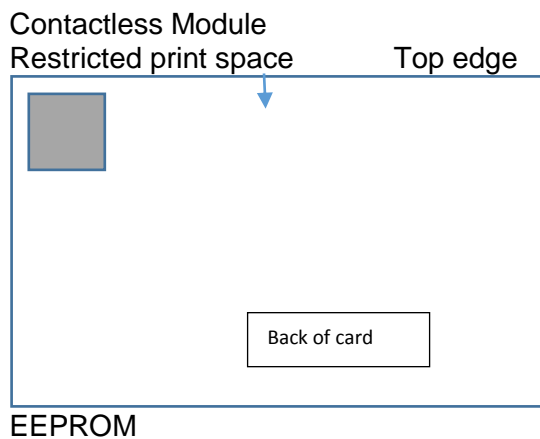
Sticker, Fob, Ring (SFR) – Special form factor media that WMATA may request in the future. (Image portrayed is for illustrative purposes only)

APPENDIX C

Detailed Mifare Plus X Technical Specifications

MiFare Plus X

- A. Chip - Mifare-Plus X 2k with 7 Byte UID, Level 3 security from NXP Semiconductor (WMATA will provide DLL, security keys, and SmarTrip® application to winning Contractor under the NDA.)
- B. Module with bonded antenna leads
- C. Chip bonded directly to printed, etched , or embedded antenna
- D. Security AES 128 bit
- E. Chip Location (indicated by gray square):



- F. 2Kbyte (Plus), organized in 32 sectors with 4 blocks
- G. User definable access conditions for each memory block

Physical Standards

CSCs shall conform to the following, as applicable:

- A. Basic physical standards as defined by ISO/I EC 7810-1, ID-1 form factor and ISO/I EC7813.
- B. Specific physical standards for contactless integrated circuit proximity remote coupling cards specified in ISO/ I EC 14443-1. In instances the ISO/IEC 14443 modifies or constrains other ISO/IEC standards in order to accommodate the contactless functionality, such modifications shall apply.

STRUCTURAL DESIGN

CSC body may comprise of the following material only:

- A. PET
- B. PET/PVC composite blend (PET percentage shall be no less than 30%)

CSC shall be compliant to ISO 7810-1 ID-1.

CSC Thickness 0.76 mm

ISO/IEC STANDARDS COMPLIANCE

ISO/IEC compliant CSCs shall be able to address and be used for every fare tariff permutation (i.e., stored value, single and multi-trips, origins-destination based fares, time based passes, and transfers), including all varieties defined herein. The form and function of the CSC shall meet the following minimal characteristics:

- A. CSCs shall adhere, without any deviation, to the ISO/IEC14443 standard, parts 1 through 4
- B. Security provided shall meet the requirements as defined herein.
- C. CSC transactions shall be able to operate within the complete extent of the physical range as stated within ISO/I EC 14443.
- D. CSC media supplied under this contract shall be subjected to testing described in ISO/IEC 10373, Identification Cards - Test Methods part 6.
- E. The CSC shall accommodate standard card initialization and personalization equipment.

DATA REQUIREMENTS

The smart card validity, variable data and pointers to usage data shall be stored in two separate locations on the smart card. Anti-tear protection shall be provided for those sectors of the card that are modified by normal transactions.

PERFORMANCE REQUIREMENTS

Power and Signal Interface

All CSCs shall conform to the standards for contactless cards specified in the most recent release of ISO/IEC 14443-2.

Initialization and Anti-collision Protocol

The interface between CSCs and card readers shall accommodate an anti-collision protocol preventing erroneous processing when more than one card is simultaneously brother within the processing range of the card reader. The initialization and anti-collision protocols shall conform to the specifications of ISO/IEC 14443-3.

Transaction Protocol

For memory based high-value smart cards, the protocol of those transactions which will be performed through the contactless interface shall conform to the specifications of ISO/IEC 14443-3.

Operating Range

The antenna embedded in the card shall function fully within the distances and relative orientations defined in ISO/IEC 14443.

CSC Reliability

The Contractor(s) shall replace defective CSCs during the warranty period, where the failure is determined not to be due to patron misuse, at no charge to WMATA and shall document each CSC replaced. **This is an SLA and will be monitored by WMATA.**

The defect rate for CSCs (excluding failures caused by patron abuse) shall not exceed 3% of all cards in circulation (excluding dormant and negative-listed cards) per month. Defect rates shall be calculated on a monthly basis during the warranty period. Failure to achieve required reliability levels for three consecutive months shall result in declaration of a fleet-wide defect, and the Contractor(s) shall provide the option to switch to a different card manufacturer for further issuance at no additional charge. **This is an SLA and will be monitored by WMATA.**

CARD MEMORY STORAGE CAPACITY REQUIREMENTS

At a minimum, the memory storage capacity for the smart cards must be 2kb, and sufficient to support and process all regional fare media types as explained herein. The awarded vendor(s) shall ensure that the smart card has a sufficient memory to support this requirement.

DATA SECURITY AND PRIVACY IMPLEMENTATION

Each CSC application shall be protected with a security key that will enable only the issuer to view the contents of the personal information stored on the card. Personal and demographic information pertaining to a particular application shall not be accessible by the issuer or the distributor of other applications. Respondents must adhere to WMATA Policy 15.12/1 Data Sensitivity and sign the appropriate confidentiality and non-disclosure agreements as stated in the Terms and Conditions herein and attached as Appendix D.

- A. Any Reader Communication Authentication key shall be diversified based on a unique attribute of the CSC (i.e., Electronic Chip I.D.).
- B. CSC keys shall be diversified based on Electronic Chip I.D.
- C. CSCCs should be stored in a secured environment that includes locks, controlled access, cameras or other monitoring devices. Inventory shall be logged in and out.
- D. Contractor is responsible for all cards in their possession.
- E. Contractor must maintain (and disclose to WMATA when requested) a robust disaster recovery plan to ensure business continuity.

GRAPHICS REQUIREMENTS

For all CSCs, a unique serial number shall be imprinted on the back of the card. The font size for the serial number will be Arial 9 point. The serial number shall be in conformance with ISO/IEC 7812-1 standards and its placement will be in conformance with ISO/IEC 7811-3, and ISO/IEC 14443-1 such as the last line from top/first line from bottom is unavailable for embossing to leave room for the antenna loop on the card. Note: this requirement does not apply to the alternate forms of MiFare plus media or FOB's and Stickers.

MANUFACTURING REQUIREMENTS

The CSCs shall meet the read/write and normal use performance requirements of this specification while exposed to the conditions shown in "Environment" section which follows for a minimum duration of 1 hour using any temperature and humidity control environmental chamber.

Environment

Environmental Conditions:

- A. Temperature -4 °F to + 140 °F (-20 °C to +60 °C)
- B. Relative Humidity (RH) 15% to 95% (noncondensing)

Storage

The CSCs shall be suitable for storage for up to 3 years under the conditions listed in Storage Environment Section below, using any temperature and humidity controlled environmental chamber. Cartons shall be of sufficient strength to permit stacking four cartons high, without damage to the cards or the cartons, for a storage period of 3 years under the conditions listed in Storage Environment Section below.

Storage Environment

Environmental Conditions:

- A. Temperature 32 °F to 140 °F (0 °C to 60 °C)
- B. Relative Humidity (RH) 30% to 65% (non-condensing)

Printing

The following requirements for the printing of the CSCs apply:

- A. The CSCs shall be delivered with printed graphics as specified on the order.
- B. The colors and graphics of the CSCs shall conform to the artwork specified on the order.
- C. The ink shall not be conductive, abrasive, or magnetic.
- D. Printing shall not smear or transfer during normal handling.
- E. Post printing is only permitted outside of the "keep out" region designated on the specification control drawing for the CSC. If unspecified, the "keep out" region shall be 2 mm from any part of the integrated circuit (IC) chip and antenna.
- F. Color-matching color spectrometer shall be calibrated to CIE-LA8 specification.
- G. Graphics shall be compared to WMATA approved artwork.

Production Samples

Contractor shall provide WMATA a production sample of 500 cards, for each graphic, and for each fare product encoded on the card, for WMATA testing and approval prior to start of card production or encoding for a specific graphic or fare product.

Art Work

Any art work required to be provided by WMATA under this contract will be presented to the Contractor with each order request issued. See sample artwork.

Packaging and Delivery

Contractor must have the ability to produce and deliver all orders within 30 calendar days.

All CSCs will be delivered boxed in quantities of 3,000. Each box will contain 6 sleeves of 500 cards each (see sample of label below).

The CSCs shall be packaged in a manner to prevent pilferage or damage during shipment facilitating acceptance and storage at WMATA. The cards shall be packaged in the quantities specified in the specification without leaning or tipping; the TOP card in a stack of 500 cards shall

not have a pitch or roll of more than 6 degrees from the horizontal plane.

Each Case of cards should be labeled with the following information:

- * Shipment Date
- * Part Number
- * Card Type
- * Product SKU
- * Product Description
- * Order Number
- * Quantity
- * Serial Number Range
- * Case # of #

Each sleeve of cards should be labeled with the following information:

- * Shipment Date
- * Part Number
- * Card Type
- * Product SKU
- * Product Description
- * Order Number
- * Batch Number
- * Serial Number Range
- * Box Number
- * Quantity

Delivery Address

All production CSCs shall be delivered as specified in the order. Delivery locations will vary based on individual or bulk shipment as described herein. WMATA delivery address includes, but is not limited to:

Revenue Collection Facility (RCF)
3301 Eisenhower Avenue
Alexandria, VA 22314

Certification

Upon request, the CSC Contractor shall provide material safety data sheets for the materials included in the CSCs. These data sheets will include a description of the material and all other printing materials applied to the card surface. The card supplier shall test the material used in the fabrication of the cards and certify that the material meets all requirements of this specification. WMATA reserves the right to review the Contractor's test data and supporting documentation and to conduct independent tests on delivered cards prior to acceptance.

WMATA will confirm logical functionality after testing the samples. Physical certification can only be granted upon receiving production samples and after acceptable test results for card material,

functionality, printing and successful environmental test completion.

Useful CSC Life

All issued CSCs must have a physical and logical useful life duration of at least eight years when used on a daily basis under normal circumstances for fare payment. Physical and Logical useful life is defined as the ability for the WMATA application residing on the card to continually function successfully for that period of time, including performing successful read/writes to the components residing within the card. In the event the card graphics are developed to be a critical security feature, the graphics shall not deteriorate for at least eight years when used on a daily basis under normal circumstances for fare payment.

CSC Pre-Encoding

CSCs must be initialized (able to be immediately used in the WMATA system) by the Contractor with the WMATA production application and capable of stored value and/or pass products as required by WMATA. WMATA along with CUBIC®, will supply third party programmer software for Contractor integration into their production systems. WMATA will supply security keys for encoding production cards. Contractor shall provide, prior to delivery of the cards, files as specified in the third party programmer software for all cards initialized and/or value and products added. Contractors will not be able to perform these functions without integration with CUBIC® Transportation Systems.

Any encoding used to check the integrity of the card during the manufacturing process should be erased from the card prior to delivery.

Alternate Form Factors (Stickers, Fobs, Rings) for MiFare Plus X fare media

WMATA will also consider proposals to provide fare media in forms other than the standard ISO card shape, specifically in the forms of fobs and/or stickers. These fobs and/or stickers would be subject to all of the same performance, data, and serialization, storage, usage and delivery requirements described above, EXCEPT the physical requirements listed above. It is optional to include stickers, fobs and rings in a proposal.

Detailed Specifications for DESFIRE EV2 will be available at a later date.

APPENDIX D

WMATA DATA SENSITIVITY POLICY/INSTRUCTION

Subject	Classification	Lead	Date Approved	P/I Number
DATA SENSITIVITY	IT	MITS	7/30/15	15.12/1

1.00 PURPOSE

This Washington Metropolitan Area Transit Authority (Metro) Policy/Instruction (P/I) provides a framework that establishes data handling procedures governing the use of Metro data. To accomplish this objective, this P/I establishes minimum levels of protection for the handling and transmitting various types of data collected by Metro in the course of business.

2.00 SCOPE

2.01 This P/I applies to all Metro offices and departments and the following Metro data system users:

- (a) Employees (full or part time).
- (b) Contractor(s) who are authorized to use Metro owned equipment or facilities.
- (c) Vendors/Interns who are authorized to use Metro resources and who have been provided with a user account.

3.00 DEFINITIONS

3.01 Authorizing Agent – The data owner's designee who can authorize or deny access to certain data and is responsible for its accuracy, integrity and timeliness.

3.02 Data Classification – The assignment of a level of sensitivity to data as it is being created, amended, enhanced, stored or transmitted. The classification of data determines the extent to which it needs to be secured.

3.03 Data Custodian – The individual responsible for the implementation of Metro data systems and the technical management of data resources, with administrative control over granting access to data.

3.04 Data Owner – The department assistant general manager (AGM) or office director responsible for the data within the identified data system.

3.05 End User – The employee, contractor, vendor or intern who is authorized to access Metro data systems.

3.06 Data Destruction – Any action that prevents the recovery of data from the storage on which it is recorded.

3.07 Personally Identifiable Information (PII) – Any data that can be used to uniquely identify, contact or locate a single person or can be used with other sources to uniquely identify a single individual.

(a) The following data types are considered sensitive PII that when used alone can be used to uniquely identify a single individual:

- (1) Social Security Numbers (SSN)s
- (2) Driver's License / State ID Numbers
- (3) Passport Numbers
- (4) Alien Registration Numbers
- (5) Financial Account Numbers
- (6) Biometric Identifiers

(b) The following data types are considered sensitive PII if paired together with another data type to uniquely identify a single individual:

- (1) Citizenship or Immigration Status
- (2) Medical Information
- (3) Ethnic or Immigration Status
- (4) Sexual Orientation
- (5) Account Passwords
- (6) Last four Digits of SSNs
- (7) Date of Birth
- (8) Criminal History
- (9) Mother's Maiden Name

3.08 Security Breach or Leak – An incident of unauthorized access to, and acquisition of unencrypted or un-redacted records or data containing sensitive information.

3.09 Sensitive Data – Any data in print or electronic form of which a compromise of confidentiality, integrity or availability would have a material adverse effect on Metro's interests, the conduct of Metro's business or the privacy to which individuals are entitled. This term is often used interchangeably with confidential data.

3.10 System Owner – The individual responsible for Metro data systems that store, process or transmit data and is responsible for implementing Metro policy on those systems.

3.11 Trade Secret – A type of sensitive and proprietary data that gives Metro competitive advantage in some manner.

4.00 RESPONSIBILITY

4.01 End Users are responsible for:

- (a) Reading, understanding and complying with this P/I as it relates to the usage of sensitive data in the execution of their job duties and responsibilities; and
- (b) Reporting all suspected compromise of sensitive data to their supervisor or Metro IT Security (MITS).

4.02 Data Owners or Authorizing Agents are responsible for:

- (a) Reviewing requests for access to, and authorizing MITS administrators to grant appropriate system access to sensitive data;
- (b) Ensuring the correct data sensitivity and classification is assigned and communicated throughout Metro;
- (c) Reporting violations of this policy to MITS (as they are made aware); and
- (d) Notifying MITS administrators when an individual/entity's access must be revoked (e.g.; upon an employee's departure from the organization or the termination of a contract or termination of previously-granted access).

4.03 System Owners are responsible for:

- (a) Determining the appropriate security categorization of the data system based on the data stored, processed or otherwise produced or transmitted by the data system;
- (b) Implementing the necessary data security control requirements to comply with Metro IT P/Is; and
- (c) Reporting violations of this policy to MITS (as they are made aware).

4.04 Data Custodians are responsible for:

- (a) Establishing, monitoring and operating data systems in a manner consistent with Metro IT P/Is, which includes managing the storage and archiving requirements of the data system and making data available for use in a timely manner to other individuals;
- (b) Documenting and disseminating administrative and operational procedures to ensure consistent storage, processing and transmission of Metro data;

(c) Implementing appropriate physical and technical safeguards to protect the confidentiality, integrity, and availability of Metro data.

(d) Reporting violations of this policy to MITS (as they are made aware).

4.05 The Chief, IT Security is responsible for:

- (a) Enforcing data security control requirements based on sensitivity levels;
- (b) Conducting periodic audits or assessments to determine compliance with this P/I;
- (c) Providing an encryption methodology for use in securing sensitive data;
- (d) Designating staff to administer secure access;
- (e) Assisting departments/offices in complying with this P/I; and
- (f) Assisting in the investigation of breaches or leaks of sensitive data.

4.06 AGMs, Office Directors, and General Superintendents are responsible for:

- (a) Ensuring their staff has read and understood this P/I and its provisions;
- (b) Administering discipline to violators of this P/I as appropriate;
- (c) Ensuring that MITS is informed when an employee/vendor/contractor is authorized to access sensitive data, or is no longer authorized to access sensitive data.

5.00 POLICIES AND PROCEDURES

5.01 Data Sensitivity Levels: Sensitivity levels assigned to data in Metro's databases, applications and systems and stored in electronic media are based on the data's value to Metro, its employees and customers. Threats to the data include anything that could affect the confidentiality, integrity and availability of the information. Sensitivity levels of Low, Medium, High and Public are defined below, and data owners must assign all data under their control to one of these levels based on the data's value and its ability to provide services to its customers.

(a) Data Sensitivity Classification – The following categories must be used to classify data sensitivity levels:

Classification Level	Description
Level 3 – High "Metro Restricted"	<p>This category contains the most sensitive confidential data and must be labeled "Metro Restricted." Examples of data included in this category are:</p> <ul style="list-style-type: none"> • Operational data that Metro would classify as Sensitive Security Information or Critical. • Infrastructure Information, as well as information pertaining to Personnel or the Health Insurance Portability & Accountability Act (HIPAA) • Financial (including cash payments to individuals or organizations), proprietary information, source code and technical information integral to the inner workings of Metro. <p>Data within this classification must be processed and stored within password-protected environments/systems and must be further protected during transmission using encryption technology. The encryption technology and the password protection mechanism(s) employed must comply with applicable IT standards. Controls may be required based upon the criticality of the subject data.</p>

Classification Level	Description
Level 2 – Medium "Metro Internal Use Only"	<p>This category identifies data that must be protected from malicious use or destruction. This information will be labeled "Metro Internal Use Only." Examples of data included in this category are:</p> <ul style="list-style-type: none"> • Management information, including workload, performance, staffing, and similar data (usually in statistical form) used to generate reports that reflect the status of

	<p>the organization.</p> <ul style="list-style-type: none"> • Research and statistical data accumulated to provide information about agency programs to the public. • Automated systems subject to laws not covered previously (under Level 3 – High), which contain information outside of the public domain. • Memoranda and other documents that require controlled release or distribution outside and/or within Metro. <p>Data within this classification must be processed and stored within a password-protected environment. The password protection mechanism(s) employed must comply with applicable IT standards. Other security controls may be required based upon the criticality of the subject data.</p>
Level 1 – Low “Metro Non-Public”	<p>This category identifies data that must be labeled “Metro Non-Public.” This category identifies data that requires minimal protection. Examples of data included in this category are:</p> <ul style="list-style-type: none"> • Computerized correspondence and internal administrative documents, non-Privacy Act personnel data not available for release under Metro’s Public Access to Records Policy (PARP). • Electronic records that exist for public use or access.
Level 0 – Public “Public”	<p>This data will be labeled “Public” and identifies data that can be openly and freely shared with the general public. Data included in this category are:</p> <ul style="list-style-type: none"> • Material on the Metro website • Information pursuant to Metro’s PARP that will be disclosed to the public. • All information not specifically covered or labeled under Levels

Classification Level	Description 1, 2 or 3.
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(b) Minimum Sensitivity Levels: This table summarizes the types of data currently processed by Metro and lists the minimum sensitivity level for each type of data:

Information Category	Description	Minimum Sensitivity Level
Investigative or Intelligence	Information related to investigations, law enforcement and special operational activities. This includes information that could reasonably be expected to result in a loss of life if inaccurate, disclosed, lost, or altered without permission.	Level 3 – High “Metro Restricted”
Police and Emergency Response	Information related to police activities and emergency response that would adversely impact the organization or individual(s) involved if released.	Level 3 – High “Metro Restricted”
Financial, Commercial or Trade Secret	Information related to financial, tax, revenue, accounting or commercial activities, including procurement, trade secret and proprietary information.	Level 3 – High “Metro Restricted”
Privacy Policy	Any item, collection, or	Level 3 – High

	grouping of information about an individual that can be retrieved by using the person's name, social security number or other personally identifiable information.	"Metro Restricted"
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Information Category	Description	Minimum Sensitivity Level
Security Threat and Vulnerability	Information related to an agency's security posture, including automated data processing security, internal operations and control, and threat and vulnerability results. Also includes information that is or would be classified as Critical Infrastructure Information or Sensitive Security Information.	Level 3 – High "Metro Restricted"
Court Case	Information related to any current, pretrial or pending cases that are not part of the public record.	Level 3 – High "Metro Restricted"
Personnel	Information that, if released, would have a negative impact on an individual or is not releasable to the public under the Freedom of Information Act or PARP.	Level 3 – High "Metro Restricted"
Federal Agencies	Information belonging to federal agencies in the care of Metro.	Level 2 – Medium "Metro Internal Use Only"
Internal Agency Data	Memos, spreadsheets and documents containing general agency information that would not be made generally available to the public.	Level 1 – Low "Metro Non-Public"

5.02 Social Security Numbers (SSN) may not be used as an identifier in any Metro information system. Furthermore, they should be removed as an identifier from all existing systems. The SSN may be included as a data element in a Metro information system only when it is required for financial processing (e.g., payroll, benefits, etc.) or other uses consistent with state and federal law. Its inclusion in all other information systems will be removed by the Data Owner. In instances where more than one individual has the same name, the SSN (as a data element) can be used to identify one from the other, but it cannot be used as an identifier of the system.

5.03 Collection and Storage of Personally Identifiable Information should only occur when it is essential to the functions and operations of Metro. Storage of personally identifiable information should remain only in the information system's data base and not in ancillary storage areas (e.g., spreadsheets or other types of files).

5.04 Access to Personally Identifiable Information will be authorized by persons known as “data owners” or “authorizing agents” for a Metro application system in support of necessary functions or operations.

(a) Access to personally identifiable information is granted based on a “need-to-know” and/or “least-privilege” principle. Therefore, Metro personnel shall only access information that they are specifically required to use in the performance of their duties.

(b) Access to sensitive information (both personally identifiable and confidential business information) will be revoked immediately on an employee’s last day of employment or upon the data owner/authorizing agent/AGM’s notification to MITS of an employer-initiated termination of previously-granted access.

5.05 Transmission of Sensitive Information requires the sender to protect that information and inform the recipient(s) (including those involved in the delivery process) that the transmission contains sensitive information and must be protected.

(a) Security of Paper Transmissions requires the sender to seal the envelope, mark the envelope as “CONFIDENTIAL” and take all necessary steps, as appropriate, to ensure delivery only to the correct party/parties to minimize the chance of unnecessary exposure.

(b) Security of Digital Transmissions requires the sensitive information be encrypted when being transmitted over public networks or carriers in digital form. This includes, but is not limited to, the transmittal of sensitive information via email, file transfers (FTP), and web transactions.

(c) Security of Fax Transmissions requires the sender to ensure that the information is promptly retrieved and properly protected at both the sending and receiving locations, with appropriate telephone/email confirmation as appropriate.

(d) Emailing of Sensitive Information is strongly discouraged unless it is fully encrypted using a MITS-approved encryption tool.

5.06 Use and Storage of Sensitive Information:

(a) The AGM of the department that is the owner or custodian of the data that may contain sensitive information maintains the responsibility for requesting that this data be scanned by IT for detection of sensitive information and compliance prior to internal or external posting.

(b) Personally identifiable information and credit card information should be stored only where it is specifically required and in as few systems as possible. This data must be encrypted using MITS-approved methods while in transit and at rest.

(c) Systems on which sensitive information is stored must minimally comply with all basic computer security standards (e.g., patch management, anti-virus protection, password controls, etc.) Unencrypted sensitive information should be stored only on systems that are housed in secure and controlled environments. Where desktop systems access sensitive information, they must not be left logged in on an unattended basis or be available for casual perusal by unauthorized individuals.

(d) Sensitive information stored on any system or media that is subject to loss or theft (including laptops, Universal Serial Bus (USB) drives, diskettes, CD/DVDs, personal computers and departmental servers) must be encrypted whenever not in use. Systems susceptible to theft should be physically secured.

(e) Whenever possible, sensitive data should be de-coupled from all personally identifiable information.

(f) Paper documents and files containing sensitive information must be secured at all times. Such documents should not be left in open view on desks and when not in use must be stored in secured areas or locked files with access limited to authorized users.

5.07 Use and Storage of Sensitive Information:

(a) Electronic and magnetic media (e.g., hard drives, diskettes, magnetic tapes and optical tapes) should be erased using secure deletion tools before transfer or disposal.

(b) Media that are not or cannot be securely erased (e.g., USB drives, CDs, and DVDs) should be physically destroyed before disposal.

(c) Paper documents and printouts containing sensitive information must be shredded before disposal.

5.08 Notice and Reporting of Security Breaches:

In the event of a potential leak of sensitive information, MITS should be notified immediately by the department/office that suspects a leak has occurred. In addition, the Office of the Inspector General and/or other appropriate offices - including the Office of the Deputy General Manager, General Counsel, Department of System Safety and Environmental Management, as well as the department where data originated from should also be notified.

6 ENFORCEMENT

Violations of this policy can lead to disciplinary action up to and including employee/contractor termination and/or legal action. Any known violations of this policy must be reported to MITS. Any disclosure of classified data without prior consultation and approval from MITS, General Counsel and Office of the General Manager will be subject to disciplinary action up to and including employee/contractor termination.

7 EXCEPTIONS

Exception requests will be evaluated on a case-by-case basis by MITS.

Appendix E - Sample Fulfillment Mailer

Customer Letter

**600 Fifth Street NW
Washington, DC 20001**

Dear Customer:



APPENDIX E – Sample Brochure/Collateral Material

Accepted in the Washington, D.C. and
 Baltimore metropolitan areas on MTA
 (except commuter buses), Metrorail,
 Metrobus and regional buses including
 T, CUE, DASH, DC Circulator, Fairfax
 Connector, PRTC OmniRide, Ride On and
 Bus.

For more information, visit smartrip.com
 or call 1-888-SMARTRIP (762-7874).

Se aceptan en las zonas metropolitanas
 de Washington, D.C. y Baltimore en
 el A (excepto en autobuses regionales
 de autos), Metrorail, Metrobus y los
 autobuses regionales que incluyen
 T, CUE, DASH, DC Circulator, Fairfax
 Connector, PRTC OmniRide, Ride On y
 Bus.

Para obtener más información, visite

Want an easier way to
 add value or a pass?
 Visit smartrip.com and
 add them from your
 computer!

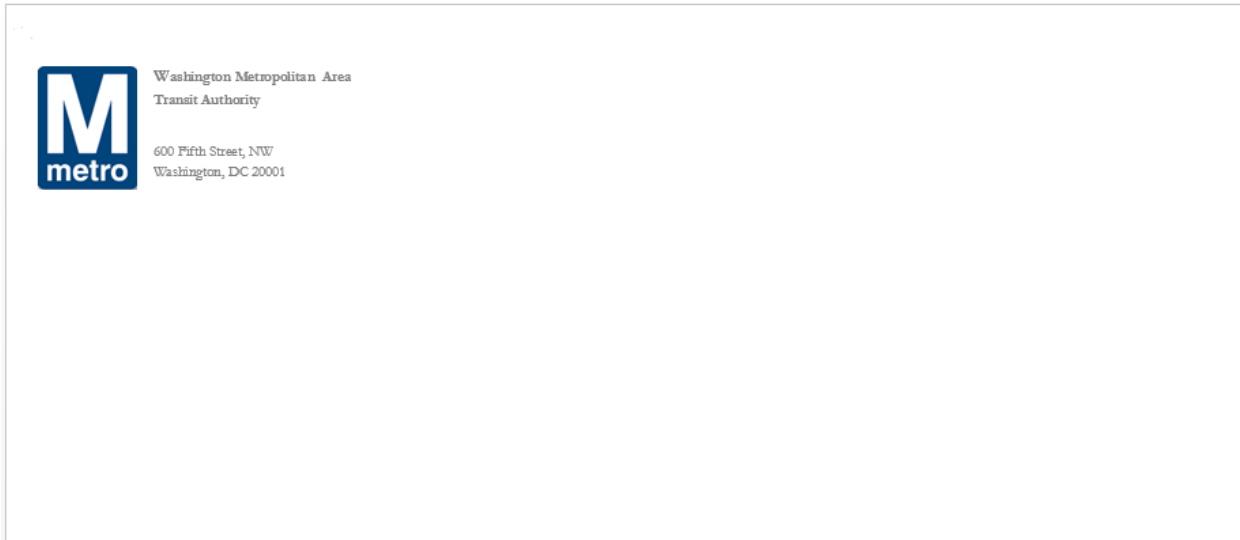


¿Desea saber una
 manera más sencilla de
 agregar valor o un pase?

**SmarTrip®
 CharmCard®
 User Guide**



APPENDIX E – Sample Envelope



Letter Sized Envelope

COMBINED GLOSSARY OF DEFINITIONS

As used throughout this Contract, except to the extent otherwise expressly specified, the following terms shall have the meanings set forth below:

Acceptance: Acknowledgment by the Authority that the supplies, services, or other work conform to the applicable contract requirements.

Acceptance Period: The number of days available to the Authority to award a Contract pursuant to this solicitation, during which period offerors may not withdraw their offers.

Amendment: Written instructions issued prior to the date set for receipt of proposals or Best and Final Offers to clarify, revise, add or delete requirements of the Request for Proposals.

Approved equal: An item approved by WMATA as equivalent to a brand name item originally specified.

Authority or WMATA or Metro: The Washington Metropolitan Area Transit Authority, created effective February 20, 1967, by Interstate Compact by and between Maryland, Virginia and the District of Columbia pursuant to Public Law 89-774, approved November 6, 1966.

Best and Final Offers: A revision to the initial proposal submitted at the Contracting Officer's request, generally following discussions, upon review of which the Authority will render a determination as to the successful offeror for purposes of Contract award.

Board of Directors: The Board of Directors of the Washington Metropolitan Area Transit Authority.

Brand name: Identification of an item that is produced or controlled by one or more entities, including trademarks, manufacturer names, or model names or numbers that are associated with a manufacturer.

Breach: An unexcused and unjustifiable failure or refusal of a party to satisfy one or terms of the Contract which, if material, shall constitute a basis for potential default.

Change or Change Order: A written alteration issued, upon agreement of both parties or unilaterally by the Authority, to modify or amend the Contract, generally directing changes to the Scope of Work and/or Contract terms.

Claim: A written demand or assertion by the Contractor seeking, as a legal right, the payment of money, adjustment or interpretation of Contract terms, or other relief, arising under or relating to this Contract.

Clarifications: Exchanges between the Authority and one or more offerors of a limited nature, whereby offerors may be given the opportunity to clarify certain aspects of their proposals or to resolve minor irregularities, informalities or clerical errors.

Competitive Range: Those initial proposals that are determined by the Authority to have a reasonable chance of being selected for award and that may be selected for additional negotiations or discussions to the extent deemed appropriate by the Contracting Officer. Proposals not in the competitive range are given no further consideration. For low price, technically acceptable awards, "competitive range" means all proposals that are technically acceptable.

Constructive Change: An act or omission by the Authority that, although not identified as a Change Order, does in fact cause a change to the Contract.

Contract or Agreement: The written agreement executed between the Authority and the Contractor awarded pursuant to this Solicitation.

Contract Administrator: the Authority's representative designated to serve as its primary point of contact for pre-award activities relating to the solicitation as well as such post-award activities as are set forth in this Contract.

Contracting Officer: An employee with authority duly delegated from the powers of the Chief Procurement Officer to legally bind the Authority by signing a Contractual instrument. The Contracting Officer is the Authority's primary point of contact for pre-award administration, modifications above the limits of the Contracting Officer's Representative, and final settlement.

Contracting Officer Representative: The person to whom the Contracting Officer delegates the authority and responsibility for post award administration of the Contract. The Contracting Officer's Representative is the Authority's primary point of contact with its Contractor.

Contractor: The individual, partnership, firm, corporation, or other business entity that is Contractually obligated to the Authority to furnish, through itself or others, the supplies, services and/or construction services described in this Contract, including all incidentals that are necessary to complete the work in accordance with this Contract.

Contract Price: The amount payable to the Contractor under the terms and conditions of this Contract based on lump sum prices, unit prices, fixed prices, or combination thereof, with any adjustments made in accordance with this Contract.

Data: Recorded information, regardless of form or the media on which it may be recorded, including technical data and computer software.

Day: Calendar day, except where the term business day, work day or like term is used.

Designer: The individual, partnership, firm, corporation or other business entity that is either the Contractor, or employed or retained by the Contractor, to manage and perform the design services for this Contract.

Disadvantaged Business Enterprise (DBE): A for-profit small business concern that has been certified by the Authority to be at least fifty-one percent (51%) owned by one (1) or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which fifty one percent (51%) of the stock is owned by one (1) or more individuals, and whose management and daily business operations are controlled by one (1) or more of the socially and economically disadvantaged individuals who own it.

Descriptive literature: Information provided by an offeror, such as cuts, illustrations, drawings, and brochures that shows a product's characteristics or construction of a product or explains its operation. The term includes only that information needed to evaluate the acceptability of the product and excludes other information for operating or maintaining the product.

Directed, ordered, designated, prescribed or words of like importance: Shall be understood that the direction, requirement, order, designation or prescription of the Contracting Officer is intended and similarly the words approved, acceptable, satisfactory or words of like import shall

mean approved by, or acceptable to, or satisfactory to the Contracting Officer, unless otherwise expressly stated.

Discussions: Negotiations or exchanges relating to the solicitation between an offeror and the Authority that may occur after receipt of proposals (generally after establishment of the competitive range) and before award, that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal or to be followed by the Contracting Officer's request for receipt of Best and Final Offers (BAFOs).

Evaluation Criteria: Those factors to be considered by the Authority, in determining the successful proposal.

Explanation: Additional information or clarification provided by an Authority representative to one (1) or more prospective offerors in response to an inquiry relating to the solicitation, that will be binding upon the Authority, only to the extent specified in this Contract.

Equivalent: Of equal or better quality and/or performance to that specified in this Contract as determined by the Authority.

Final Acceptance: Final acceptance of the work occurs when the work is fully, completely, and finally accomplished in strict compliance with the Contract to the satisfaction of the Authority.

Final Payment: The last payment to the Contractor for work performed under this Contract.

Force Majeure: An unforeseen event or circumstance, beyond the control of, and not occasioned by the fault or neglect of, the Contractor or the Authority, that gives rise to a delay in the progress or completion of the Contract, including, without limitation, acts of God, acts of war or insurrection, unusually severe weather, fires, floods, strikes, freight embargoes or other events or circumstances of like nature.

FTA: Federal Transit Administration, an agency within the United States Department of Transportation that provides financial and technical assistance to local public transit agencies.

Government: The Government of the United States of America.

Industry Standards: Drawings, documents, and specifications or portions thereof published by industry organizations. Industry Standards are not part of the Contract unless specifically listed in the Statement of Work.

Legal Requirements: All Federal, State and local laws, ordinances, rules, orders, decrees, and regulatory requirements such as: building codes, mechanical codes, electrical codes, fire codes, Americans with Disabilities Act Accessibility Guidelines (ADAAG), and other regulations of any government or quasi-government entity that are applicable to this Contract.

Milestone: A specified date in this Contract by which the Contractor is required to complete a designated portion or segment of the work.

Minor Irregularity: A variation from the solicitation contained in a proposal that does not affect the price or other material term of the Contract and does not confer a competitive advantage or benefit not enjoyed by other offerors or adversely impact the Authority's interests.

Notice to Proceed: Written notice issued by the Authority establishing the date on which the Contractor may commence work and directing the Contractor to proceed with all or a portion of the work.

Offeror: A party submitting a proposal in response to this solicitation.

Option: A unilateral right in the Contract by which, for a specified time, the Authority may elect to purchase, at a predetermined price, additional supplies, services and/or work called for by the Contract or to extend the term of the Contract.

Organizational conflict of interest: A circumstance in which, because of other activities or relationships, a person, corporation or other business entity is unable or potentially unable to render impartial assistance or advice to the Authority, or its objectivity in performing the Contract is or might be otherwise impaired, or it has an unfair competitive advantage.

Period of Performance: The time allotted in this Contract for completion of the work. The period of performance begins upon the effective date of Contract execution and ends on the last date for complete performance of the final option. The period of performance incorporates the milestones established for the Contract.

Pre-award Survey: An evaluation of a prospective Contractor's capability to perform a proposed Contract, including an assessment of matters relating to its responsibility.

Product Data: Information furnished by the Contractor to describe materials used for some portion of the work, such as written or printed descriptions, illustrations, standard schedules, performance charts, instructions, brochures, and diagrams.

Proposal: A submission by an offeror to the solicitation that, if accepted by the Authority, would bind the offeror to perform the resultant Contract.

Records: Books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form.

Revision: A change to a proposal made by an offeror, at the request of or as allowed by the Contract Administrator or Contracting Officer, often as a result of discussions. Best and Final Offers are one form of revision.

Safety Sensitive: FTA regulations at 49 C.F.R. § 655.4 define "safety sensitive functions" as any of the following duties when performed by WMATA as a grant recipient, or any of its contractors: (a) Operating a revenue service vehicle, including when it is not in revenue service; (b) Operating a

nonrevenue service vehicle, when required to be operated by the holder of a commercial driver's license (CDL); (c) Controlling dispatch or movement of a revenue service vehicle; (d) Maintaining (including repairs, overhaul and rebuilding) a revenue service vehicle or equipment used in revenue service; and (e) Carrying a firearm for security purposes. WMATA's definition of safety sensitive functions extends beyond FTA's requirements and includes (f) Employees and contractors who maintain escalators and elevators (including repairs, overhauls and rebuilding) and (g) Station managers.

Services: The performance of work by a person or legal entity under contract with the Authority, including without limitation: maintenance; overhaul; repair; servicing; rehabilitation; salvage; modernization or modification of supplies, systems or equipment; routing, recurring maintenance of real property; housekeeping; operation of Authority-owned equipment, facilities and systems; communication services; Architect-Engineering services; professional and consulting services; and transportation and related services.

Small Business Enterprise Set-Aside: Competitive procurement(s), less than \$500,000, exclusively for SBE certified bidders/proposers.

Supplies: The end item(s) required to be furnished by the Contractor in fulfillment of its obligation under this Contract as well as any and all related services and required performance.

Statement of Work (SOW): The portion of this Contract or Request for Proposals that describes specifically what is to be done by the Contractor. It may include specifications, performance outcomes, dates and time of performance, quality requirements, etc.

Solicitation: This Request for Proposals (RFP).

Shop Drawings: Fabrication, erection, layout, setting, schematic, and installation drawings that the Contractor prepared for permanent structures, equipment, and systems that it designed to comply with this Contract.

Similar: Generally the same, but not necessarily identical. Details will be worked out regarding location and relation to other parts of the work.

Site: The areas that are occupied by or used by the Contractor and subcontractors during performance of this Contract.

Small Business Enterprise (SBE): A for profit small business concern that has been certified by the Authority to be at least fifty-one percent (51%) owned by one (1) or more individuals who are economically disadvantaged.

Small Business & Local Preference Program: Board mandated small business contracting program for WMATA funded contracts with firm(s) located in the District of Columbia, Maryland or Virginia.

Subcontract: An agreement between the Contractor and another party, or between other subcontractors at any tier, to perform a portion of this Contract through the acquisition of specified supplies, materials, equipment or services.

Subcontractor: An individual, firm, partnership, or corporation that has a contractual obligation with the Contractor or other subcontractors or suppliers.

Submittal: Written or graphic document or samples prepared for the work by the Contractor or a subcontractor or supplier and submitted to the Authority by the Contractor, including shop drawings, product data, samples, certificates, schedules of material, or other data.

Substantial Completion: Work or a portion thereof that has progressed to the point where it is sufficiently complete in accordance with the Contract (including receipt of test and inspection reports) so that it can be utilized for the purpose for which it is intended, and only incidental work remains for physical completion in accordance with the Contract.

Substitution: An item offered by the Contractor of significant difference in material, equipment, or configuration, which functionally meets the requirements of the Contract, but is submitted in lieu of item specified therein.

Supplier: A subcontractor who is a manufacturer, fabricator, supplier, distributor, or vendor.

Utility: A public and/or private facility or installation, other than WMATA's facility, that relates to (1) the conveyance and supply of water, sewage, gas, chemicals, steam, petroleum products, and other piped installations, or (2) electrical energy, telephone, radio, television, and cellular or wireless communications.

Utility Standards: Drawings and specifications for utilities published or issued by municipalities or utility companies.

WMATA Safety Manual: A compilation of the appropriate safety and reporting requirements for the project as specified in the Contract.

WMATA Safety and Security Certification Program Plan: A compilation of the appropriate system safety and security certification requirements for the Contract.

Work: All of the services of any kind, as well as any and all goods, supplies, equipment, labor, and material, of any type and nature to be furnished and/or performed pursuant to a Contract such as to accomplish the Contract's stated objectives in a timely and fully satisfactory manner.