



Request For Proposals (Federal)

SYSTEM WIDE TRACK REHABILITATION

RFP No. :FQ17095/LTR

Date: February 17, 2017

Washington Metropolitan Area Transit Authority
RFP: FQ17095/LTR

Date: February 17, 2017

SUBJECT: RFP No. FQ17095/LTR

Dear Sir/Madam:

The Washington Metropolitan Area Transit Authority (WMATA) requires qualified, track contractors' services for system-wide capital track rehabilitation, including: installation of owner supplied direct fixation fastener; replacement of fastener anchor bolts (stud), and renewal of grout (plinth) pads, wood crossies, contact rail insulators, contact rail protection cover (cover board), and track gauging, roadway cleanup, and track labor support.

This RFP contains a 15% percent DBE goal.

If you have any technical, contractual, or administrative questions, please e-mail them to Leaser T. Rivas at lrivas@wmata.com by 10:00 am on February 28, 2017. WMATA will provide written answers, by e-mail to all those who obtain the RFP and provide their e-mail addresses. If an amendment(s) is issued resulting from questions and answers, it will be posted on our website, and a copy will be mailed to all offerors so that they can acknowledge receipt.

Your proposal must be received with all required submittals as stated in the RFP, no later than 2:00PM, on March 14, 2017 at WMATA, Office of Procurement and Materials, 600 Fifth Street, NW, Room 3C-02, Washington, DC 20001-2651.

Please note that Offerors are cautioned that this is a "Low Price Technically Acceptable" Request for Proposal (RFP): Therefore, to be eligible for award consideration Offerors must comply with the Solicitation Instructions - Section No. 10. "PROPOSAL FORMAT ISTRUCTIONS/REQUIREMENTS" and Section No. 14. EVALUATION CRITERIA AND BASIS FOR AWARD". Failure to comply with this requirement may result in proposals being determined technically unacceptable.

Sincerely,



Contracting Officer
Office of Procurement and Materials

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**Washington Metropolitan Area Transit Authority
RFP: FQ17095/LTR**

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
Third Floor, Room 3D-02-D
Attn: Leaser T. Rivas/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 2:00 P.M. (LOCAL TIME) March 14, 2017 ON DAY OF PROPOSAL CLOSING.

Washington Metropolitan Area Transit Authority
RFP: FQ17095/LTR

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:

VOLUME I

- PRICE SCHEDULE - VOLUME I

VOLUME II

TECHNICAL PROPOSAL - VOLUME II

VOLUME III

- SOLICITATION, OFFER & AWARD FORM (Must be signed.) - VOLUME III
- REPRESENTATIONS AND CERTIFICATIONS - VOLUME III
- PRE-AWARD DATA – (TO INCLUDE FINANCIAL STATEMENTS and OTHER SCHEDULES AS LISTED) VOLUME III
- ACKNOWLEDGMENT OF AMENDMENTS (IF ANY) - VOLUME III
- PROOF OF INSURANCE ELIGIBILITY - VOLUME III
- APPENDIX B (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 Leaser T. Rivas at lrvivas@wmata.com; phone (202-962-5580.)

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 addressed to Vendor Relations at (202) 962-1408 or procurement@wmata.com.

**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP-FQ17095/LTR**



**WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SOLICITATION, OFFER AND AWARD**

CONTRACT NO.	SOLICITATION NO. RFP FQ17095/LTR	DATE ISSUED Feb 17, 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 **THREE (3) copies AND ONE (1) ELECTRONIC MEDIA (CD OR Flash Drive)** for furnishing the supplies or services in the schedules will be received at the Authority until **2:00 P.M.** Local time 3/14/2017
(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
	Refer to price Schedule (pages 7 through 14)				\$
	(See continuation of schedule on page 22)				

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)
	Signature _____ Offer Date _____

Check if remittance is different from above — enter such address in Schedule

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

SOLICITATION, OFFER AND AWARD

CONTINUATION SHEET

THE UNDERSIGNED ACKNOWLEDGES RECEIPT OF THE FOLLOWING AMENDMENTS

TO SOLICITATION **RFP FQ17095/LTR** _____

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

Note to Offerors:

Description of Work:

1. The Washington Metropolitan Area Transit Authority (WMATA) requires qualified, track contractors' services for system-wide capital track rehabilitation, including: installation of owner supplied direct fixation fastener; replacement of fastener anchor bolts (stud), and renewal of grout (plinth) pads, wood crossties, contact rail insulators, contact rail protection cover (cover board), and track gauging, roadway cleanup, and track labor support.

2. Award of the Contract:

This is an Indefinite Delivery Indefinite Quantity, Lowest Priced Technically Acceptable Contract, and the Authority will award a firm fixed price Contract for the line items in the Price Schedule to qualified Contractor(s) for installation of owner material, track gauging, roadway cleanup, equipment and track labor support.

3. PLEASE PROVIDE ALL VOLUMES IN HARD COPY AS WELL AS USB OR CD.

4. Please refer to list of potential DBE sub-contractors attached in Appendix B

5. The insurance submission shall include:

- a) Current Certificate of Insurance (COI) indicating evidence of all required insurance, including:
Commercial general liability (CGL), business automobile liability insurance, additional insured endorsements and waiver of subrogation endorsements.
- b) Contract number and work description must be on **Certificate of Insurance (COI)**
- (c) **Railroad Protective Liability Insurance (RRP)**.

RRPL Blanket Program - Contractors should be reminded that this policy indemnifies WMATA only, not them. WMATA inceptioned a Blanket Railroad Protective Liability Insurance Program on 12/1/09 to provide an easier, more cost effective way for contractors/subcontractors and others (collectively, "Permittees") performing work on or near WMATA's railroad property to comply with this specific insurance requirement. Blanket RRP programs almost always have lower premiums than standalone policies. WMATA's program is underwritten by Liberty International Underwriters, Inc. (LIU). RRP dovetails with the Commercial General Liability insurance requirement and provides WMATA with an added layer of insurance protection. Contractor may choose to procure their own RRPL policy, in which case WMATA would need to be named insured.

Railroad Protective Liability Insurance ("RRP") is required of all Permittees conducting activities within five (5) feet of (including over and under) WMATA railroad tracks, defined as mainline tracks, yard and sidetracks; bridges, tunnels, and aerial structures; and activities conducted within any WMATA rail station. RRP does NOT extend coverage to anyone else. WMATA is the Named Insured and the coverage is solely for the benefit of WMATA. It is procured by a contractor in WMATA's name for construction, maintenance, testing, or related activities involving tracks, rail bridges, rail tunnels, rail yards, rail stations, etc. RRP is also required for those seeking access to WMATA property for activities not for the benefit of WMATA (e.g., a contractor doing soil borings on property adjacent to WMATA's right-of-way or a request to film on a station platform).

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP FQ17095/LTR

PRICE SCHEDULE

Note: All quantities are estimates for pricing purposes only.

Category	Item No.	Line Item	Est. Quantity	Unit of Measure	Unit Cost	Line Item Total Cost
Track Labor	1	Labor - Foreman (ST Rate)	2,640	HR		
	2	Labor - Foreman (OT Rate)	1,320	HR		
	3	Labor - Operator (ST Rate)	2,640	HR		
	4	Labor - Operator (OT Rate)	1,320	HR		
	5	Labor - Laborer (ST Rate)	2,640	HR		
	6	Labor - Laborer (OT Rate)	1,320	HR		
	7	Labor - Supervisor (ST Rate)	2,640	HR		
Direct Fixation Track Rehabilitation	8	Fastener Replacement	9,600	EA		
	9	Anchor Bolts	18,800	EA		
	10	Grout Pad Rehabilitation (LF)	1,000	EA		
Major Track Rehabilitation	11	Crosstie Renewal	8,700	EA		
	12	Rail Renewal/Welds (LF)	13,260	EA		
	13	Track Gauging (LF)	11,000	EA		
	14	Roadway Cleanup (LF)	17,000	EA		
Third Rail Component Renewal	15	Insulator Renewal	10,600	EA		
	16	Protection Cover Replacement (LF)	16,600	EA		
<i>FY2017 Base Year IDIQ</i>						
				<i>Base Year One Total</i>		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP FQ17095/LTR

PRICE SCHEDULE

Category	Item No.	Line Item	Est. Quantity	Unit	Unit Cost	Line Item Total Cost
Track Labor	1	Labor - Foreman (ST Rate)	1,440	HR		
	2	Labor - Foreman (OT Rate)	720	HR		
	3	Labor - Operator (ST Rate)	1,440	HR		
	4	Labor - Operator (OT Rate)	720	HR		
	5	Labor - Laborer (ST Rate)	1,440	HR		
	6	Labor - Laborer (OT Rate)	720	HR		
	7	Labor - Supervisor (ST Rate)	1,440	HR		
Direct Fixation Track Rehabilitation	8	Fastener Replacement	9,600	EA		
	9	Anchor Bolts	16,800	EA		
	10	Grout Pad Rehabilitation (LF)	900	EA		
Major Track Rehabilitation	11	Crosstie Renewal	7,000	EA		
	12	Rail Renewal/Welds (LF)	9,360	EA		
	13	Track Gauging (LF)	6,000	EA		
	14	Roadway Cleanup (LF)	12,000	EA		
Third Rail Component Renewal	15	Insulator Renewal	3,600	EA		
	16	Protection Cover Replacement (LF)	9,600	EA		
<i>FY2018 Option Year One (1) IDIQ Total</i>						
				<i>Option Year One (1) Total</i>		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP FQ17095/LTR

PRICE SCHEDULE

Category	Item No.	Line Item	Est. Quantity	Unit of Measure	Unit Cost	Line Item Total Cost
Track Labor	1	Labor - Foreman (ST Rate)	1,440	HR		
	2	Labor - Foreman (OT Rate)	720	HR		
	3	Labor - Operator (ST Rate)	1,440	HR		
	4	Labor - Operator (OT Rate)	720	HR		
	5	Labor - Laborer (ST Rate)	1,440	HR		
	6	Labor - Laborer (OT Rate)	720	HR		
	7	Labor - Supervisor (ST Rate)	1,440	HR		
Direct Fixation Track Rehabilitation	8	Fastener Replacement	9,600	EA		
	9	Anchor Bolts	16,800	EA		
	10	Grout Pad Rehabilitation (LF)	900	EA		
Major Track Rehabilitation	11	Crosstie Renewal	7,000	EA		
	12	Rail Renewal/Welds (LF)	9,360	EA		
	13	Track Gauging (LF)	6,000	EA		
	14	Roadway Cleanup (LF)	12,000	EA		
Third Rail Component Renewal	15	Insulator Renewal	3,600	EA		
	16	Protection Cover Replacement (LF)	9,600	EA		
<i>FY2019 Option Year Two (2) IDIQ Total</i>						
				<i>Option Year Two (2) Total</i>		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP FQ17095/LTR

PRICE SCHEDULE

Category	Item NO.	Line Item	Est. Quantity	Unit of Measure	Unit Cost	Line Item Total Cost
Track Labor	1	Labor - Foreman (ST Rate)	1,440	HR		
	2	Labor - Foreman (OT Rate)	720	HR		
	3	Labor - Operator (ST Rate)	1,440	HR		
	4	Labor - Operator (OT Rate)	720	HR		
	5	Labor - Laborer (ST Rate)	1,440	HR		
	6	Labor - Laborer (OT Rate)	720	HR		
	7	Labor - Supervisor (ST Rate)	1,440	HR		
Direct Fixation Track Rehabilitation	8	Fastener Replacement	9,600	EA		
	9	Anchor Bolts	16,800	EA		
	10	Grout Pad Rehabilitation (LF)	900	EA		
Major Track Rehabilitation	11	Crosstie Renewal	7,000	EA		
	12	Rail Renewal/Welds (LF)	9,360	EA		
	13	Track Gauging (LF)	6,000	EA		
	14	Roadway Cleanup (LF)	12,000	EA		
Third Rail Component Renewal	15	Insulator Renewal	3,600	EA		
	16	Protection Cover Replacement (LF)	9,600	EA		
<i>FY2020 Option Year Three (3) IDIQ Total</i>						
				<i>Option Year Three (3) Total</i>		

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP FQ17095/LTR

PRICE SCHEDULE

Category	Item No.	Line Item	Est. Quantity	Unit of Measure	Unit Cost	Line Item Total Cost
Track Labor	1	Labor - Foreman (ST Rate)	1,440	HR		
	2	Labor - Foreman (OT Rate)	720	HR		
	3	Labor - Operator (ST Rate)	1,440	HR		
	4	Labor - Operator (OT Rate)	720	HR		
	5	Labor - Laborer (ST Rate)	1,440	HR		
	6	Labor - Laborer (OT Rate)	720	HR		
	7	Labor - Supervisor (ST Rate)	1,440	HR		
Direct Fixation Track Rehabilitation	8	Fastener Replacement	9,600	EA		
	9	Anchor Bolts	16,800	EA		
	10	Grout Pad Rehabilitation (LF)	900	EA		
Major Track Rehabilitation	11	Crosstie Renewal	7,000	EA		
	12	Rail Renewal/Welds (LF)	9,360	EA		
	13	Track Gauging (LF)	6,000	EA		
	14	Roadway Cleanup (LF)	12,000	EA		
Third Rail Component Renewal	15	Insulator Renewal	3,600	EA		
	16	Protection Cover Replacement (LF)	9,600	EA		
<i>FY2021 Option Year Four (4) IDIQ Total</i>						
				<i>Option Year Three (4) Total</i>		

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PRICE SCHEDULE
Continuation

	Total Price
Base Year	
Option Year 1	
Option Year 2	
Option Year 3	
Option Year 4	
Sub -Total for Base Year and Option Years 1, 2, 3 & 4	
<ul style="list-style-type: none"> • Railway Protective Insurance Allowance 	\$95,698.44
Grand Total	

**Railway Protective Insurance Allowance included on the Price Schedule for the RRPL Blanket waiver fee is only for the Base year. For a quote on the subsequent option years, the vendor would have to submit a RRPL application that would again be submitted to the underwriter (LIU). LIU will not provide a quote for more than one (1) year at a time (annually) because the exposures can change in a twelve (12) month period therefore, reevaluated at least annually the project*

 Authorized Signature

 Company Name

 Date

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PRICE SCHEDULE (Continued)

1. This is an Indefinite Delivery, Indefinite Quantity (IDIQ) type contract for the items listed in the Price Schedule. Each price for each item shall be firm fixed. All items will be ordered by the Contracting Officer, or Authority Representative and based on the items in the Price Schedule Sheet. Note that there is no guarantee that Orders will be issued for the total amount of the initial contract award or the Total Proposed Price.
2. All quantities are estimates for pricing purposes only. The offeror is notified that there will be no adjustment of unit prices for variations in quantities between the estimated quantities and the final quantities ordered in this contract.
3. The guaranteed minimum which will be required under this contract, and which will be initiated by one or more orders during any contract period shall be **\$100,000.00**. The maximum which may be ordered by one or more orders under this contract shall be for **\$20,000,000.00 per contract period**.
4. Failure to offer on all items will necessitate rejection of the offer.
5. Any offer that is materially unbalanced as to prices for the various items may be rejected as non-responsive. A materially unbalanced offer is one that is based on prices that are understated for some items of work and are materially overstated for other items of work.
6. The total offered price will be the sum of all price extension amounts for the listed items.
7. All extensions of the unit prices shown will be subject to verification by the Authority. In case of variation between the unit prices and the extension, the unit price will be considered the offer.
8. The unit price shown on the Price Schedule shall constitute full compensation for all costs of performance under this contract.
9. The contract price will be evaluated based on the total base price plus all option prices. The Authority retains the right to award based on total base price only, total base plus options or any combination of base price plus options.
10. The Authority's obligation under this Contract is limited to the amount of the orders placed and the availability of funds as described herein.
11. The offeror is placed on notice that it may not be paid for the estimated quantities listed on the Price Schedule Sheet. The final amount of the Contract and payment will be based on actual quantities ordered that may total more or less than the estimated quantity for each of the individual items.
12. The Offeror is further notified that an Order may not include all listed items and some items may not be ordered from this Contract by any order.
13. Invoices for payment shall be arranged to correspond to each order.

PRICE SCHEDULE (Continued)

14. The Offeror(s) is advised that this contract contains Davis-Bacon provisions. The Contractor(s) will be required to submit certified payroll on a weekly basis. Also, the Authority will monitor compliance by performing Labor Standards Interviews of the labor force. Also, the Authority will hold retainage in a sufficient amount as may be considered necessary for any underpayment of wages and/or fringes until they fully resolved in accordance with the Labor Provisions of the contract.

Authorized Signature

Company Name

Date

AWARD SCHEDULE CONTINUED FROM AWARD FORM CONTINUED
(To Be Completed at Contract Award):

CONTRACT DESCRIPTION: _____

TERM OF CONTRACT: This is a multi-year contract. The period of performance is for a period of one (1) base year and four (4) option years as described in the Special Provisions.

TYPE OF CONTRACT: This is a Firm Fixed Unit Price, Indefinite Delivery/Indefinite Quantity (IDIQ) Contract, and will be awarded based on Lowest Priced Technically Acceptable.

AVAILABILITY OF FUNDS: Funds are not available for performance under this contract beyond the fiscal year that ends June 30, 2017.

CONTRACT: In accordance with the solicitation documents, Contract # _____ incorporates the following:

RFP FQ17095/LTR dated February 15, 2017 (inclusion of Solicitation Instructions, Representations and Certifications, Terms and Conditions and Technical Specifications)

RFP SOLICITATION INSTRUCTIONS

INTRODUCTION

1. The Washington Metropolitan Area Transit Authority (WMATA) requires qualified, track contractors' services for system-wide capital track rehabilitation, including: installation of owner supplied direct fixation fastener; replacement of fastener anchor bolts (stud), and renewal of grout (plinth) pads, wood crossties, contact rail insulators, contact rail protection cover (cover board), and track gauging, roadway cleanup, and track labor support.

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 Low Price Technically Acceptable (LPTA) solicitation, award of a Contract(s) hereunder shall be to the offeror whose proposal is deemed by the Authority as satisfying all technical requirements for acceptability stated in the solicitation and offers the lowest price of those satisfying all such requirements.
- (c) The Authority contemplates award of a **firm fixed price** contract. Unless otherwise specified in the Price Schedule, the Authority reserves the right to make multiple awards pursuant to this solicitation.
- (d) **INDEFINITE QUANTITY** This solicitation seeks to award an **indefinite-quantity** Contract to one or more Contractors 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.
- (c) Contractor agrees that project property will remain available to be used for its originally authorized purpose throughout its useful life or disposition.

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 release of this Request for Proposals and Contract award, must be directed to the Contract Administrator as follows:

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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
OFFER UNDER SOLICITATION RFP FQ17095/LTR
OFFICE OF PROCUREMENT, ATTN.: LEASER T. RIVAS, CA
600 FIFTH STREET, N.W.
WASHINGTON, DC 20001

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

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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 – NOT APPLICABLE

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 proposal closing, 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

VOLUMES MAY BE PROVIDED IN HARD COPY AS WELL AS ON USB OR CD

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:

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- (1) Volume I – Cost/Price - ONE (1) original and ONE (1) copy of the cost/price proposal. All information related to cost or pricing data must be included in this volume.
- (2) Volume II – Technical - ONE (1) original and THREE (3) copies of the technical proposal (**Shall not include cost/price information**);

Volume II – The technical proposal demonstrates the Offeror’s technical approach and expertise which will be evaluated by WMATA personnel. Within this volume the Offeror shall demonstrate knowledge and understanding of the Authority’s requirements and demonstrate how the Offeror will meet the specifications in accordance with the Authority’s requirements as listed in **THE RFP INSTRUCTIONS**; Section 14, **EVALUATION CRITERIA AND BASIS FOR AWARD, AND SUBSECTION - TECHNICAL CRITERIA.**

At a minimum this volume shall include the following:

- Executive Summary with a general overview of the Offeror’s methodology.
 - List of same or similar contracts, to include Title of Contract, Award Date, Contract Number, Period of Performance, Contract/Purchase Order Amount, Contracting Officer’s Contact Information; to include Name, Phone Number, and Email address.
 - Three (3) letters of references.
 - Description of Offer’s reputation and experience highlighting the ability to manage this type of work or work of similar magnitude.
 - Description Offeror’s Quality Control Program outlining project controls, and quality assurance processes.
 - Offeror’s management plan and management organization and resumes of key personnel and subcontractors.
- (3) Volume III – Contractual - ONE (1) original and ONE (1) copy of the completed, signed solicitation documents to include:

- Solicitation, Offer and Award page,
- Representations and Certifications,
- Pre-Award Data,
- Certificate(s) of Insurance,
- DBE requirements per Appendix B (if applicable),
- Amendments, if any.

Statement of Capability:

Offerors shall provide a capability statement demonstrating their capacity to perform the requirements as outlined in the RFP.

To support the statement of capability, as minimum provide a comprehensive list of the following:

- (a) Quantity and type of construction equipment by category.
- (b) Manpower by trade
- (c) Tools

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- (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, DBE requirements per Appendix B (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.

Written request for waiver when DBE participation is less than stated percent.

DBE Monthly Status Report, after award, to the Contracting Officer Technical Representative (COTR) and a final report at contract completion if DBE participation is applicable.

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 proposal closing 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.

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- (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 three (3) 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.
- (e) The Contracting Officer may conduct discussions with offerors only for the purpose of making an unacceptable proposal acceptable. If all initial proposals are technically acceptable, the Authority may not conduct further discussions with offerors prior to Contract award.
- (f) The Contracting Officer may request revised price proposals from all offerors who are technically acceptable.
- (g) 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

TECHNICALLY ACCEPTABLE – LOW PRICE

- (a) The Authority will award a Contract(s) resulting from this solicitation to the responsible offeror(s) whose proposal conforms to the solicitation and is determined to be the lowest priced among those proposals rated "technically acceptable." For purposes of determining whether a proposal is "technically acceptable" for purposes of this solicitation, the following Criteria for Acceptability shall apply:

TECHNICAL CRITERIA

(1) Firm's Qualifications and Past Performance

- (a) Does the Contractor have the expertise for owner-furnished direct fixation fastener replacement, fastener anchor bolt (stud) replacement, grout (plinth) pad renewal, wood crosstie renewal, contact rail (third rail) insulator renewal, running rail renewal, track gauging, contact rail protection cover (cover board) replacement, roadway cleanup, and track labor support?
- (b) Has the Contractor performed this type of work or work of a similar magnitude for rail transit agencies, railroads, or other rail systems within the past five (5) years?

If so, to demonstrate the Contractor's abilities and commitment to provide the services as set forth in the RFP, has the Contractor provided a list of similar contracts performed during last five (5) years for rail transit agencies, or other rail systems?

- Title of Contract
- Award Date
- Contract Number
- Period of Performance
- Contract/Purchase Order Amount
- Contracting Officer Contact Information; to include Name, Phone Number, and Email address.

- (c) Has the Contractor provided at least three (3) letters of reference demonstrating its capability of performing this type of work or work of a similar magnitude within the last five (5) years?

(2) Project Management Team and Quality Control

- (a) Does the Contractor's Project Management team have experience and an established Quality Control plan for this type of work or work of similar magnitude?
 - Contractor will provide previous experience of three (3) project management team members, highlighting the ability to manage this type of work or work of similar magnitude within the last five (5) years.
 - The Contractor must provide documentation outlining project controls, and quality assurance processes.
 - If the Contractor plans to sub-contract any of this work, they must provide documentation outlining project controls and quality assurance processes for sub-contractors.
- (b) The Authority reserves the right to award this Contract without discussions or further communications concerning the proposals received. Proposals should contain the offeror's best terms from both a price and technical standpoint. The Contracting Officer reserves the right to engage in oral or written communications with proposers, if necessary to make an unacceptable proposal acceptable.
- (c) Price evaluations will be based on the total cost to the Authority for base year requirements, plus any option years.

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- (d) The elements of the technical proposal will be rated in accordance with the Criteria for Acceptability. Only those proposal(s) as are deemed acceptable in terms of their overall technical merit shall remain eligible for potential award.

15. RATINGS FOR ACCEPTABILITY CRITERIA (LOW PRICE, TECHNICALLY ACCEPTABLE, ONLY):

Each criterion will be rated using the following scoring method:

Definition:

- | | |
|--------------|---|
| Acceptable | Meets criteria for acceptability/evaluation standards required under the technical provisions. Weaknesses are correctable. |
| Marginal | Fails to meet criteria for acceptability/evaluation standards. Any significant deficiencies are correctable. Lacks essential information to support a proposal. |
| Unacceptable | Fails to meet a criterion for acceptability or 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" is required to be eligible for award consideration. An initial proposal that is marginal must be determined to be either acceptable or unacceptable before any award(s) can be made. Offerors are cautioned to be aware of these standards when preparing proposals.

16. 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.

17. TECHNICAL PROPOSAL EVALUATION

FOR LOWEST PRICE, IF TECHNICALLY ACCEPTABLE RFPs:

The Authority will evaluate the technical proposals in accordance with the "Criteria for Acceptability" set forth in paragraph 14, above. A proposal that fails to meet the minimum standard

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for acceptability with respect to each element may be deemed technically unacceptable and thus ineligible for award, regardless of price.

18. 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. Failure to so demonstrate may result in rejection of the offeror as not responsible.
- (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) Disadvantaged Business Enterprise data as set forth in Appendix B. The submittal of certain items and request for waiver (if applicable) are required if the proposal is \$150,000 or greater. Failure to submit forms B-12, B-13, and/or to request waivers (if applicable) may cause the proposal to be rejected. An 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.

19. PRE-AWARD MEETING - NOT APPLICABLE

20. 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. This is to verify that necessary equipment, etc. are readily available.

21. CONTRACT AWARD

- (a) **FOR LOW PRICE, TECHNICALLY ACCEPTABLE AWARDS:** At the conclusion of reviewing the technical proposals for acceptability, the Contracting Officer shall award one or more Contracts to the responsible offerors whose proposals are the lowest priced out of all the other proposals that are technically acceptable. Such determination shall be based upon initial price proposals or revised price proposals where the Contracting Officer directs their submission.

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- (b) Written awards mailed or otherwise furnished to the successful offeror(s) 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.
- (c) The Authority reserves the right to reject any and 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.

22. PERFORMANCE/PAYMENT BONDS

The successful proposer(s) shall, within the time established in this Contract and as a condition to issuance of a Notice to Proceed, furnish performance and payment bonds, if applicable, on forms acceptable to the Authority and in the amounts indicated in this Contract.

23. DISADVANTAGED BUSINESS ENTERPRISES REQUIREMENTS

Attached as part of this solicitation are documents outlining the requirements for the Disadvantaged Business Enterprise (DBE) Program: **The DBE requirement goal for this Contract is 15% of the Proposal Price, unless a good faith waiver is requested and approved.**

- (a) If the proposal is over \$150,000, in order for the offeror to be considered responsible, the following documents (**See Appendix B**) shall be completed and submitted with the proposal:

Schedule of DBE Participation

Letter of Intent to Perform as Subcontractor/Joint Venturer
(If applicable)

DBE Unavailability Certification

(Where applicable), written request for waiver, when DBE participation is less than stated percentage.

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:

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"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- NOT APPLICABLE

29. PERMIT AND RESPONSIBILITIES

The Contractor shall, without additional expenses to the Authority, be responsible for obtaining any necessary licenses and permits, and for complying with any applicable Federal, State, Local or Municipal laws, codes or regulations, in connection with the prosecution of the work. The Contractor shall be similarly responsible for all damages to persons or property that occur as a result of his fault or negligence. He shall take proper safety and health precautions to protect the work, the workers, the public and property of others. He shall also be responsible for all materials delivered and work performed until completion and acceptance of the entire work, except for any completed unit construction thereof which theretofore may have been accepted.

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30. LICENSES

- (a) If the work described in this RFP is to be performed in Virginia, offerors are required to show evidence of a certificate of registration obtained from the State of Virginia before the proposal may be received and considered.
- (b) Each offeror shall place on the outside of the envelope containing their proposal one of the following notations:
 - (1) REGISTERED VIRGINIA CONTRACTOR: CLASS A, NUMBER _____
 - (2) REGISTERED VIRGINIA CONTRACTOR: CLASS B, NUMBER _____

31. 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 parprivreq@wmata.com or by facsimile

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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;

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- (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.

32. NOTICE OF PROTEST POLICY

- (a) The Authority's procedure for the administrative resolution of protests is set forth in Chapter 17 of WMATA's Procurement Procedures Manual (PPM). 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) The basis on which FTA will review a grantee's protest decision is defined in §17-8. FTA will generally exercise discretionary jurisdiction over cases deemed to involve issues important to the overall third party contracting program. FTA's decision to decline jurisdiction over a protest does not imply approval of or agreement with the agency's decision or that FTA has determined that this Contract is eligible for Federal participation.
- (c) Alleged violation must be submitted to the Contracting Officer who will administratively decide the protest.
- (d) 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.

END OF SECTION

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	

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3. PREVIOUS CONTRACTS AND COMPLIANCE REPORTS

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

- 3.1 It [] has, [] has not, participated in a previous contract or subcontract subject to either the Equal Opportunity Clause of this solicitation, or the clause contained in Parts II and IV of Executive Order 11246, as amended; that prohibits discrimination on the basis of race, color, creed, national origin, sex, age; and
- 3.2 It [] has, [] has not, filed all required compliance reports; and
- 3.3 Representations indicating submittal of required compliance reports signed by proposed subcontractors will be obtained prior to subcontract awards.

Name	Signature
Title	Company
Date	

4. DISADVANTAGED BUSINESS ENTERPRISE

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

- 4.1 It [] is, [] is not, a disadvantaged business enterprise.

"Disadvantaged Business Enterprise" means a for-profit small business concern that is at least fifty one percent (51%) owned by one or more individuals who are both socially and economically disadvantaged individuals or, in the case of a corporation, in which fifty one percent (51%) of the stock is owned by one or more such individuals; and whose management and daily business operations are controlled by one or more socially and economically disadvantaged individuals who own it.

"Socially and Economically Disadvantaged Individual" is defined in Appendix B. Notice of Requirements for Disadvantaged Business Enterprise (DBE). By submission of this offer, the offeror represents that:

- 4.2 It [] is, [] is not, currently certified by Metropolitan Washington Unified Certification Program (MWUCP) as a disadvantaged business enterprise.

- 4.3 **Special Certification Requirements for Transit Vehicle Manufacturers.** Each transit vehicle manufacturer, as a condition of being authorized to bid or propose on FTA funded transit vehicle procurements, must certify that it has complied with the DBE requirements of 49 C.F.R. Part 26.

The offeror represents that it [] is or [] is not a transit vehicle manufacturer and [] has or [] has not complied with the DBE requirements of 49 C.F.R Part 26.

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Name	Signature
Title	Company
Date	

5. AFFIRMATIVE ACTION COMPLIANCE

This representation is applicable to federally assisted contracts of \$50,000 or more that are awarded to contractors with fifty (50) or more employees. By submission of this offer, the offeror represents that:

- 5.1 It has a workforce of _____ employees.
- 5.2 It [] has developed and has on file, or [] has not developed and does not have on file, at each establishment, affirmative action programs required by the rules and regulations of the Secretary of Labor (41 C.F.R. §§ 60.1 and 60.2), or
- 5.3 It [] has not previously had contracts subject to the written affirmative action program requirements of the rules and regulations of the U.S. Secretary of Labor.

Name	Signature
Title	Company
Date	

6. 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	

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7. 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:

7.1 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

7.2 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	

8. CLEAN AIR ACT AND CLEAN WATER ACT CERTIFICATION

This certification is applicable if the Contract will be federally assisted and the offer exceeds \$150,000, or the Contracting Officer believes that orders under an indefinite type Contract in any year will exceed \$150,000 or a facility to be used has been the subject of a conviction under the Clean Air Act [42 U.S.C. § 7413(c)(1)] or the Clean Water Act [33 U.S.C. § 1319(c)], is listed by the U.S. Environmental Protection Agency (EPA) as a violating facility, and the acquisition is not otherwise exempt:

8.1 Any facility to be utilized in the performance of this Contract [] is, or [] is not listed on the EPA's List of Violating Facilities;

8.2 Offeror will immediately notify the Contracting Officer, before award, of the receipt of any communications from the Administrator, or a designee of the EPA, indicating that any facility that it proposes to use in the performance of this Contract is under consideration to be listed on the EPA's List of Violating Facilities; and

8.3 Offeror will include a certification substantially the same as this certification, including this paragraph, in every non-exempt subcontract.

Name	Signature
Title	Company
Date	

9. DEBARMENT, SUSPENSION, INELIGIBILITY, AND VOLUNTARY EXCLUSION

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

9.1 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.

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- 9.1.1** 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:
- 9.1.1.1** are not currently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal or state department or agency;
 - 9.1.1.2** 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;
 - 9.1.1.3** 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.
- 9.1.2** Where the offeror is unable to certify to any of the statements in this certification, the offeror shall attach an explanation to this offer.
- 9.2** 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.
- 9.2.1** 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.
 - 9.2.2** 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.
- 9.3** The Certification required by 10.2, 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	

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10. CERTIFICATION OF INDEPENDENT PRICE DETERMINATION

10.1 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:

10.1.1 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;

10.1.2 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

10.1.3 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.

10.2 Each person signing this offer certifies that:

10.2.1 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 11.1.1 through 11.1.3 above; or

10.2.2 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 11.1.1 through 11.1.3 above; or and as their agent he or she does hereby so certify.

Name	Signature
Title	Company
Date	

11. CERTIFICATION OF NONSEGREGATED FACILITIES

This certification is applicable to federally assisted contracts over \$10,000.

11.1 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:

11.1.1 It does not and will not maintain or provide for its employees, any segregated facilities at any of its establishments, and that it does not and will not permit its employees to perform their services at any location under its control, where segregated facilities are maintained.

11.1.2 The offeror agrees that a breach of this certification is a violation of the Equal Opportunity clause in this Contract.

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11.1.3 As used in this certification, the term "segregated facilities" means any waiting rooms, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clocks, locker rooms and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing facilities provided for employees that are segregated by explicit directive or are in fact segregated on the basis of race, color, religion or national origin, because of habit, local custom or otherwise.

11.1.4 It further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will:

11.2 Obtain identical certifications from proposed subcontractors before the award of subcontracts under which the subcontractor will be subject to the Equal Opportunity clause;

11.3 Retain such certifications in its files; and

11.4 Forward the following notice to such subcontractors (except if the proposed subcontractors have submitted identical certifications for specific time periods):

**NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR CERTIFICATIONS
OF NONSEGREGATED FACILITIES**

A Certification of Non-segregated Facilities must be submitted prior to award of a subcontract exceeding \$10,000 that is not exempt from the provisions of the Equal Opportunity clause. The certification may be submitted either for such subcontract or for all subcontracts during a period (i.e., quarterly, semiannually or annually).

Name	Signature
Title	Company
Date	

12. NONDISCRIMINATION ASSURANCE

12.1 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	

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13. CERTIFICATION OF RESTRICTIONS ON LOBBYING

This certification is applicable to federally assisted contracts if the offer exceeds \$100,000.

13.1 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 his or her knowledge or belief:

13.1.1 No federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

13.1.2 If any funds other than federally appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this Contract, the undersigned shall complete and submit Standard Form--LLL, "Disclosure of Lobbying Activities."

13.1.3 The undersigned shall require that the language of this certification be included in all sub-awards (including subcontracts, sub-grants and contracts under grants, loans and cooperative agreements) at all tiers and that all sub-recipients shall certify and disclose accordingly.

13.2 This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. § 1352, as amended. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

13.3 The Contractor certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C.A. § 3801, *et seq.* apply to this certification and disclosure, if any.

Name	Signature
Title	Company
Date	

14. BUY AMERICA ACT CERTIFICATION

The Buy America Act requirements apply to federally assisted construction contracts, and acquisition of goods or rolling stock contracts valued at more than \$150,000.¹

¹ If the funding for this Contract comes from an FTA grant issued before December 26, 2014, then the limit is \$100,000.

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14.1 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 it will comply with 49 U.S.C. § 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7 Separate requirements for rolling stock are set out at 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11.

14.2 An offeror must submit to the Authority, the appropriate Buy America Act certification (below) with all offers on FTA funded contracts, except those subject to a general waiver. Offers that are not accompanied by a completed Buy America Act certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors. Mark the applicable certifications below:

14.2.1 Certification requirement for procurement of steel, iron, or manufactured products:

Certificate of Compliance with 49 U.S.C. § 5323(j)(1)

The offeror hereby certifies that it will meet the requirements of 49 U.S.C. § 5323(j)(1) and the applicable regulations in 49 C.F.R. § 661.5.

Certificate of Non-Compliance with 49 U.S.C. § 5323(j)(1)

The offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. § 5323(j)(1) and 49 C.F.R. § 661.5, but it may qualify for an exception pursuant to 49 U.S.C. §§ 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 C.F.R. § 661.7.

14.2.2 Certification requirement for procurement of buses, other rolling stock and associated equipment:

Certificate of Compliance with 49 U.S.C. § 5323(j)(2)(C)

The offeror hereby certifies that it will comply with the requirements of 49 U.S.C. § 5323(j)(2)(C) and the regulations at 49 C.F.R. § 661.11.

Certificate of Non-Compliance with 49 U.S.C. 5323§ (j)(2)(C)

The offeror hereby certifies that it cannot comply with the requirements of 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11, but may qualify for an exception pursuant to 49 U.S.C. §§ 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 C.F.R. § 661.7.

Name	Signature
Title	Company
Date	

15. CERTIFICATION OF NON-DELINQUENT TAXES

This certification is applicable to federally assisted contracts.

15.1 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:

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- 15.1.1 It has not been convicted over the past three (3) years of violating any Federal criminal tax law or failed to pay any tax.
- 15.1.2 It has certified if it has been notified of an unresolved tax lien or any unsatisfied Federal tax delinquency in excess of \$3,000 and that it is paying tax debts through an installment agreement or has requested a collections due process hearing.
- 15.1.3 The offeror agrees that a breach of this certification is a violation of the Federal Acquisition Regulation (FAR).
- 15.1.4 As used in this certification, the term "tax delinquency" means an outstanding debt for which a notice of lien has been filed in public records.
- 15.1.5 It further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will:
 - 15.2 Obtain identical certifications from proposed subcontractors before the award of subcontracts under which the subcontractor will be subject to the FAR.;
 - 15.3 Retain such certifications in its files; and
 - 15.4 Forward the following notice to such subcontractors (except if the proposed subcontractors have submitted identical certifications for specific time periods):

NOTICE TO PROSPECTIVE SUBCONTRACTORS OF REQUIREMENTS FOR CERTIFICATION OF NON-DELINQUENT TAXES

A Certification of Non-Delinquent Taxes must be submitted prior to award of a subcontract exceeding \$100,000 that is not exempt from the provisions of the FAR. The certification may be submitted either for such subcontract or for all subcontracts during a period (i.e., quarterly, semiannually or annually).

Name	Signature
Title	Company
Date	

16. 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:

- 16.1 [] 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

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party or prospective party, or in an **actual or prospective business relationship with the Authority** to which this firm is a party.

16.2 [] 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	Nature of Interest
_____	_____
_____	_____
_____	_____

16.3 The certification required by 17.1 and 17.2 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	

PRE-AWARD EVALUATION DATA

PROJECT DESCRIPTION: **System Wide Track Rehabilitation**

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.

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11. Financial resources available as working capital for the Contract:
 - a. Cash on hand: \$_____
 - b. Sources of credit: _____
12. Attach as **Schedule Five (5), three (3) most current** financial statements (**preferably audited**) with foot notes; 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 providing **services for system-wide capital track rehabilitation** including all necessary or track work and labor with owner supplied materials. The Contractor agrees to perform the work in accordance with requirements and terms and conditions 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 this 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 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 this Contract.

4. REQUIREMENTS CONTRACT – NOT APPLICABLE

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

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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 issues 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 **\$100,000.00 per contract period**, the Authority is not obligated to purchase, nor is the Contractor obligated to furnish those supplies and/or services under this Contract.
- (b) *Maximum order.* The Contractor is not obligated to honor:

The maximum which may be ordered by one or more Orders shall be for **\$20,000,000.00** per contract period throughout the life of the contract.

- (1) The Contractor shall honor any order exceeding the maximum order limitations in this clause, unless that order (or orders) is returned to the Contracting Officer within seven 7 days after issuance, with written notice stating the Contractor’s intent not to provide services ordered and the reasons. Upon receiving this notice, the Contracting Officer may acquire the supplies and/or services from another source.

8. AUDIT, AVAILABILITY, AND INSPECTION OF RECORDS- FTA

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

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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.
- (d) 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;

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- (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 contract period of performance is 365 days commencing on the date of award.

The Authority has the unilateral right to extend this Contract by exercising up to **four (4) one (1) year option periods (or up to 48 months)** subject to all terms and conditions stated herein.

The Contracting Officer may exercise the option(s) (if any) by written notice to the Contractor prior to commencement of the option period. The Contracting Officer 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

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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):
- (1) Should take into account WMATA's need for continuity of operations and potential costs of disrupting operations; and
 - (2) May consider the effect on DBEs.
- (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 this Contract, such as:
- (1) A specific dollar amount;
 - (2) An amount to be determined by applying provisions (or a formula) provided in this 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 this 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

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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 before 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 clause.
- (c) The total duration of this Contract, including any options under this clause 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 – NOT APPLICABLE

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

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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 deliveries will be actually and necessarily delayed;
 - (2) 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.

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

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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

- (a) Except as otherwise expressly provided in this Contract, the Contractor shall remedy at his own expense any failure of the work for a period of one year, including equipment, to conform to Contract. 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 the Authority accepts them or places them in service, whichever is earlier. The Contractor shall accept the Authority's records regarding the date the item was placed in service.
- (b) In the event that any work covered by the warranty provisions fails during the warranty period, the Contractor shall repair or replace the work within three (3) days without cost or expense to the Authority.
- (c) Should the Contractor shall fail to repair or replace any part or do any work in accordance with the terms of this warranty, or if immediate replacement or work is necessary to maintain operations, the Authority shall have the right to cause such replacement to be made, utilizing its own forces and/or those of third parties as the Authority shall reasonably deem appropriate, at Contractor's expense.
- (d) Each piece of equipment, component or part thereof that the Contractor replaces, repairs, adjusts or services in any manner under the terms of this warranty during the warranty period shall be reported to the Contracting Officer on the Authority's forms. Each report shall indicate in detail all repairs, adjustments and servicing to each and every component, unit or part thereof.
- (e) Any warranty work shall be accomplished with minimum disruption to the Authority's operations and to its maintenance and service facilities. The Authority shall at its sole discretion determine the availability of facilities for warranty work.
- (f) The Contractor shall make adequate service facilities available, along with spare parts, for all the items under warranty. Trained technical service personnel shall be available to the Authority sufficient to meet the Contractor's warranty obligations.
 - (1) The Contractor shall provide field service representatives who are competent and fully qualified in the maintenance and operation of the warranted items. These field service representatives shall assist the Authority in overcoming any difficulties in the operation or maintenance of the warranted items. They

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shall further serve as the Contractor's on-site representatives for any component failure claims or warranty claims under this Contract.

- (2) During the warranty period, a field service representative shall be available within twenty four (24) hours.
- (g) The Authority's rights set forth in this article shall be in addition to those set forth elsewhere in this Contract or otherwise at law or in equity.

6. CORRECTION OF DEFICIENCIES

- (a) 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.

7. FIRST ARTICLE INSPECTION – NOT APPLICABLE

8. 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.

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- (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.

9. 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

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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

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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

- (a) 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.

Also mail one (1) copy of each invoice to the Contracting Officer's Technical Representative (COTR). A letter appointing the COTR will be included in the Contract award package.

- (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- FTA

- (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;

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- (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.

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- (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- FTA

- (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.

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- (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);

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- (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

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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- FTA

- (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 consolation, 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

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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- FTA

- (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.

6. EQUAL EMPLOYMENT OPPORTUNITY REQUIREMENTS FOR CONSTRUCTION ACTIVITIES- FTA

- (a) When undertaking "construction" as recognized by the U.S. Department of Labor (U.S. DOL), the Contractor agrees to comply with U.S. DOL regulations "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Part 60, and Executive Order 11246 "Equal Employment Opportunity," as amended by Executive Order 11375, "Amending Executive Order 11246, Relating to Equal Employment Opportunity," 42 U.S.C. § 2000 (e) note.

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.

EXHIBIT A
PR 39469 System wide Track Rehabilitation IDIQ

(NOTE TO BIDDERS: If you do not currently carry all of the required insurance for this RFP/IFB, 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

INSURANCE TYPE	LIMITS	BASIS
Workers' Compensation	Statutory	
Employers' Liability	\$500,000	Each Accident
	\$500,000	Disease Policy Limit
	\$500,000	Disease Each Employee
Commercial General Liability		
	\$5,000,000	Each Occurrence Limit
	\$10,000,000	General Aggregate Limit
	\$5,000,000	Products-Completed Operations Limit
Business Auto Liability		
	\$5,000,000	Combined Single Limit
Railroad Protective Liability Insurance (RRP)		
	\$5,000,000	Each Occurrence Limit
	\$10,000,000	Aggregate 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 approved 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.

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- 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.

III. 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.
- 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.

Business Auto Liability

- 1) Business Auto Liability insurance shall be written on ISO Business Auto Coverage Form CA 00 01 03 06, or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
- 2) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Section below.
- 3) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the "Waiver of Subrogation" section below.
- 4) Business Auto Liability minimum Combined Single Limit requirements may be obtained through the combination of a primary business auto liability policy and an Umbrella/Excess Liability policy provided that the Umbrella/Excess Liability policy complies with items 2 and 3 above.
- 5) MCS-90 Endorsement for work involving the transportation or disposal of any hazardous material or waste off of the jobsite. If the MCS-90 Endorsement is required, minimum auto liability limits of \$5,000,000 per occurrence are also required.
- 6) Non-Owned Disposal Site (NODS) Endorsement providing coverage for the Contractor's legal liability arising out of pollution conditions at the designated non-owned disposal site.

Railroad Protective Liability Insurance (RRP)

The cost for this insurance will be part of the final cost for future negotiated task orders. For work within 50 feet of WMATA railroad tracks or work within WMATA rail stations, Railroad Protective Liability Insurance is required with the following minimum limits of coverage:

Required Minimum Coverage(s):

- 1) Railroad Protective Liability (RRP) policy on a policy form that is acceptable to WMATA, issued by an insurance company that is acceptable to WMATA.
- 2) WMATA shall be the first Named Insured.
- 3) Cost of RRP shall be the sole responsibility of Contractor.
- 4) The "Wet Ink" original RRP policy shall be sent to WMATA at following address:

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

WMATA Blanket RRP Program Option

WMATA may offer to waive the requirement for the Contractor to procure RRP if 1) the work qualifies for coverage under WMATA's blanket RRP program, and 2) the Contractor prepays the RRP waiver fee which shall be determined by the rate schedule promulgated by the insurer in effect as of the effective date of this Contract. Contractor shall be advised of, and pay the applicable waiver fee, or procure a standalone RRP policy on WMATA's behalf if Contractor decides against the WMATA Blanket RRP Program option.

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.

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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, including, but not limited to _____. 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

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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.

3. TRANSIT EMPLOYEE PROTECTIVE ARRANGEMENTS – FTA

(a) The Contractor agrees to comply with applicable transit employee protective requirements as follows:

(1) *General Transit Employee Protective Requirements.* To the extent that FTA determines that transit operations are involved, the Contractor agrees to carry out the transit operations work on this Contract in compliance with terms and conditions determined by the U.S. Secretary of Labor to be fair and equitable to protect the interests of employees employed under this Contract and to meet the employee protective requirements of 49 U.S.C. § 5333(b), and U.S. DOL guidelines at 29 C.F.R. Part 215, and any amendments thereto. These terms and conditions are identified in the letter of certification from the U.S. DOL to FTA applicable to WMATA's grant from which Federal assistance is provided to support work on this Contract. The Contractor agrees to carry out that work in compliance with the conditions stated in that U.S. DOL letter. The requirements of this subsection, however, do not apply to any Contract financed with Federal assistance provided by FTA either for projects for elderly individuals and individuals with disabilities authorized by 49 U.S.C. § 5310(a)(2), or for projects for non-urbanized areas authorized by 49 U.S.C. § 5311. Alternate provisions for those projects are set forth below.

(2) *Transit Employee Protective Requirements for Projects Authorized by 49 U.S.C. § 5310(a)(2) for Elderly Individuals and Individuals with Disabilities.* If this Contract involves transit operations financed, in whole or in part, with Federal assistance authorized by 49 U.S.C. § 5310(a)(2), and if the U.S. Secretary of Transportation has determined or determines in the future that the employee protective requirements of 49 U.S.C. § 5333(b) are necessary or appropriate for the state and the public body sub-recipient for which work is performed on this Contract, the Contractor agrees to carry out the project in compliance with the terms and conditions determined by the U.S. Secretary of Labor to meet the requirements of 49 U.S.C. § 5333 (b), U.S. DOL guidelines at 29 C.F.R. Part 215, and any amendments thereto. These terms and conditions are identified in the U.S. DOL's letter of certification to FTA, the date of which is set forth in WMATA's grant agreement. The Contractor agrees to perform transit operations in connection with this Contract in compliance with the conditions stated in that U.S. DOL letter.

(3) *Transit Employee Protective Requirements for Projects Authorized by 49 U.S.C. § 5311 in Non-urbanized Areas.* If this Contract involves transit operations, financed, in whole or in part, with Federal assistance authorized by 49 U.S.C. § 5311, the Contractor agrees to comply with the terms and conditions of the Special Warranty for the Non-urbanized Area

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Program agreed to by the U.S. Secretaries of Transportation and Labor, dated May 31, 1979, and the procedures implemented by U.S. DOL or any revision thereto.

- (a) The Contractor also agrees to include any applicable requirements in each subcontract involving transit operations financed in whole or in part with Federal assistance provided by FTA.

5. VETERANS PREFERENCE – FTA

A veterans preference, as provided by 49 U.S.C. §5325(k), to the extent practical, (1) Will give a hiring preference to veterans, as defined in 5 U.S.C. §2108, who have the skills and abilities required to perform construction work required under a third party contract in connection with a Capital Project supported with Federal assistance appropriated or made available for 49 U.S.C. chapter 53, and (2) Will not require an employer to give a preference

to any veteran over an equally qualified applicant who is a member of any racial or ethnic minority, female, and individual with a disability, or former employee.

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
- (2) 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 laws 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- LIMITED – NOT APPLICABLE

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.

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- (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,

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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.
 - (1) 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.

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

6. ROYALTY INFORMATION

- (a) When a bid contains costs or charges for royalties totaling more than \$250, the following information shall be furnished with the bid on each separate item of royalty or license fee:
- (1) Name and address of licensor;
 - (2) Date of license agreement;
 - (3) Patent numbers, patent application serial numbers or other basis on which the royalty is payable;
 - (4) Brief description, including any part or model numbers of each Contract item or component on which the royalty is payable;
 - (5) Percentage or dollar rate of royalty per unit;
 - (6) Unit price or Contract item;
 - (7) Number of units; and
 - (8) Total dollar amount of royalties.
- (b) In addition, at the Contracting Officer's request, prior to execution of the Contract, the successful offeror will provide copies of any current license agreements and identify applicable claims of specific patents.

CHAPTER IX – ADDITIONAL COVENANTS/LEGAL REQUIREMENTS

1. NONDISCRIMINATION ASSURANCE- FTA

- (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

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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.

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- (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- FTA

- (a) Under 49 U.S.C. § 533(a), Davis-Bacon Act prevailing wage protections apply to laborers and mechanics employed on FTA assisted construction, alteration or repair projects in excess of \$2,000.00, The Davis-Bacon Act requires that the Contractor pay wages to laborers and mechanics at a rate of not less than the minimum wages specified in the wage determinations made by the U.S. Secretary of Labor, at least one (1) time per week, without subsequent deductions or rebate on any account, except such payroll deductions as permitted by the U.S. Secretary of Labor. The Contractor understands that Contract award is conditioned upon its acceptance of U.S.DOL's prevailing wage determinations that are attached to the solicitation. The Contractor agrees to comply with the Davis-Bacon Act, 40 U.S.C. § 3141, *et. seq.* and implementing DOL regulations "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction. 29 C.F.R. Part 5.
- (b) WMATA may upon its own action or upon written request of an authorized representative of the U.S. Department of Labor, withhold or cause to be withheld from the Contractor under this Contract, or any other Federal contract that the Contractor has with WMATA, or any other Federally-assisted contract subject to Davis-Bacon prevailing wage requirements, so much of the accrued payments or advances as may be necessary to pay laborers and mechanics, including apprentices, trainees, and helpers employed by the Contractor or any subcontractor, the full amount of the wages required by this Contract. In the event that the Contractor fails to pay any laborer or mechanic, including any apprentice, trainee or helper employed or working on the jobsite, all or part of the wages required by this Contract, WMATA may, after written notice to the Contractor, suspend further payments or advances or guarantees until such violations have ceased.

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- (c) The Contractor shall maintain payrolls and basic records relating thereto during this Contract and for three (3) years thereafter. The Contractor shall submit weekly for each week in which any Contract work is performed, a copy of all payrolls to the COTR, for transmission to FTA. The payrolls shall contain all information required by 29 C.F.R. Part 5. Each payroll submitted shall be accompanied by a "Statement of Compliance" signed by the Contractor or subcontractor. Falsification of any required certification may subject the Contractor or subcontractor to criminal prosecution or a civil suit pursuant to 18 U.S.C. § 1001 and/or 31 U.S.C. § 23, respectively. The Contractor or subcontractor shall make the records required under this article available to authorized representatives of FTA or U.S. DOL and shall permit such representatives to interview employees during working hours on the jobsite. If the Contractor or subcontractor fails to submit the required records or make them available, the Federal agency may take further action to cause the suspension of payments, advances or guarantee of funds. Failure to submit the required records may be grounds for suspension or debarment.
- (d) The Contractor or subcontractor shall insert the clauses contained in 29 C.F.R. § 5.5(a) and such other clauses that FTA may require in all subcontracts issued hereunder. The Contractor shall require subcontractors to include these clauses in lower tier subcontracts. The Contractor will be responsible for the compliance by any subcontractor with all of the clauses contained in 29 C.F.R. § 5.5.
- (e) Disputes arising out of the labor standards provisions of this Contract shall not be subject to the general "Disputes" article of this Contract. Such disputes shall be resolved in accordance with U.S. Department of Labor procedures set forth in 29 C.F.R. parts 5, 6 and 7. Disputes within the meaning of this article include disputes between the Contractor (or any of its subcontractors) and WMATA, the U.S. Department of Labor or any of its employees or representatives.
- (f) By entering into this Contract, the Contractor certifies that neither it nor any person or firm who has an interest in the Contractor's firm is a person or firm that is ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis- Bacon Act of 29 C.F.R. § 512.

5. COPELAND ANTI-KICKBACK ACT – FTA

- (a) The Contractor agrees to comply with section 1 of the Copeland "Anti-Kickback Act," 18 U.S.C. § 874 that prohibits anyone from inducing, by any means, any person employed on construction, prosecution, completion or repair of a Federally assisted building or work, to give up any part of his or her compensation to which he or she is entitled. Contractor further agrees to comply with section 2 of the Act, 40 U.S.C. § 3145, as amended, and implementing U.S. DOL regulations, "Contractors and Subcontractors on Public Buildings or Public Works Financed in Whole or in Part, by Loans or Grants from the United States." Contractor agrees to comply with 29 C.F.R. Part 3 which imposes record keeping requirements for all such contracts in excess of \$2,000.
- (b) Contractor shall insert this clause in all subcontracts, and require that subcontractors insert this clause in any and all of their subcontracts, at any tier.

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. § 40119(b) and implementing U.S.DOT regulations, "Protection of Sensitive Security Information," 49 C.F.R. Part 15, and with 49 U.S.C. § 114(s) and implementing Department of Homeland Security regulations, "Protection of Sensitive Security Information," 49 C.F.R. 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,

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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 paragraph, 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

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- (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 – FEDERAL

- (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 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) or email 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;

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- (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
 - (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 article, including this paragraph (d), in its subcontracts at all tiers.
- (e) The Contractor and its subcontractors shall comply with the National Transit Systems Security Act (NTSSA) 6 U.S.C. §1142, which prohibits discharging, demoting, suspending, reprimanding or in any other way discriminating against an employee as a reprisal for the employee lawfully and in good faith:
- (1) Reporting a hazardous safety or security condition;

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- (2) Refusing to work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of his or her intent to not perform work;
 - (3) Refusing to authorize the use of any safety or security related equipment, track or structures, if the individual is responsible for their inspection or repair and reasonably believes they are in a hazardous safety or security condition, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of his or her intent not to authorize use of hazardous equipment or infrastructure unless corrected;
 - (4) Providing information for or directly assisting in an investigation of conduct that the individual reasonably believes to be in violation of Federal law regarding safety, security or fraud, waste or abuse of funds intended for safety or security;
 - (5) Refusing to violate or assist in violation of Federal public transportation safety or security law;
 - (6) Cooperating with a safety or security investigation by the U.S. Secretary of Transportation, U.S. Secretary of Homeland Security or the National Transportation Safety Board;
 - (7) Furnishing information to law enforcement agencies relating to an accident or incident resulting in damage to property, injury or death; or
 - (8) Filing a complaint under the NTSSA (6 U.S.C. §1142), or testifying regarding such complaint.
- (f) The Contractor shall notify the Authority of any instance, related to this Contract, of a report under subparagraph (e)(1) or refusal under subparagraphs (e)(2), (3) or (5).
- (g) The enforcement, filing and investigation of complaints, and remedies under this clause shall be governed by the NTSSA (6 U.S.C. §1142), applicable Federal regulations and Federal law.
- (h) This article shall be interpreted in accordance with the NTSSA (6 U.S.C. §1142). If any provision is found to be in conflict with the NTSSA, the NTSSA shall govern.
- (h) The Contractor shall include, or shall cause to be included, this article, including this paragraph, 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) – FTA

- (a) Contractors who perform “safety sensitive” (as defined in the “Combined Glossary” attached hereto) functions 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

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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" article 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 article 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.

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- (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 the U.S. 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.
- (c) 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 this Contract. If the

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Contracting Officer does not grant a request for an exception, and this 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 article, 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 noncompliance 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 article 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

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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 FEDERAL PROVISIONS

1. NOTIFICATION OF FEDERAL PARTICIPATION- FTA

This project is being funded in whole or part with Federal funds.

2. ALL NECESSARY FEDERAL PROVISIONS DEEMED INCLUDED- FTA

It is the intent of the parties that each and every provision of law required to be inserted in this Contract should be and is hereby inserted herein.

3. ACCESS TO THIRD PARTY CONTRACT RECORDS- FTA

(a) The Contractor agrees to provide the Authority, the FTA Administrator, the U.S. Comptroller General or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this Contract for the purposes of making audits, examinations, excerpts and transcriptions. The Contractor also agrees, pursuant to 49 C.F.R. §633.17 to provide FTA Administrator or his or her authorized representatives including any Project Management Oversight (PMO) Contractor access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 U. S. C. § 5302(a)(1), which is receiving Federal financial assistance through the programs described at 49 U. S. C. §§ 5307, 5309 or 5311.

(b) The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

(c) The Contractor agrees to maintain all books, records, accounts and reports required under this Contract for a period of not less than three (3) years after the date of termination or expiration of this Contract. In the event of litigation or settlement of claims arising from the performance of this Contract, the Contractor agrees to maintain such records until the Authority, the FTA Administrator, the U.S. Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. [See 49 C.F.R. § 18.39(i)(11)].

4. AMERICANS WITH DISABILITIES ACT ACCESSIBILITY – FTA

(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,

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“Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles,” 36 C.F.R. Part 1192 and 49 C.F.R. Part 38.

5. RIGHTS IN DATA AND COPYRIGHTS — FTA

- (a) The term "subject data" used in this article means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under this Contract. The term includes graphic or pictorial delineation in media such as drawings or photographs; text in specifications or related performance or design-type documents; machine forms such as magnetic tape, or computer memory printouts; and information retained in computer memory. Examples include, but are not limited to: computer software, engineering drawings and associated lists; specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term "subject data" does not include financial reports, cost analyses, and similar information incidental to Contract administration.
- (b) The following restrictions apply to all subject data first produced in the performance of this contract:
 - (1) Except for its or WMATA's own internal use, the Contractor may not publish or reproduce subject data in whole or in part, or in any manner or form, nor may the Contractor authorize others to do so, without the written consent of the U.S. Government, until such time as the Government may have either released or approved the release of such data to the public. This restriction on publication, does not apply to agreements with academic institutions;
 - (2) In accordance with 49 C.F.R. § 18.34 and 49 C.F.R. § 19.36, the Federal Government reserves a royalty-free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, the following subject data for its purposes:
 - (i) Any subject data developed under this contract whether or not a copyright has been obtained; and
 - (ii) Any rights of copyright to which the contractor purchases ownership with Federal assistance.
- (c) When the Federal Transit Administration (FTA) provides financial assistance for a planning, research, development, or a demonstration project, it is FTA's general intention to increase mass transportation knowledge, rather than limit the benefits to participants in the project. Therefore, unless FTA determines otherwise, the Contractor agrees that, in addition to the rights set forth in subsection (b)(2) of this article, FTA may make available to any FTA recipient, sub-recipient, third party contractor, or third party subcontractor, either FTA's license in the copyright to the subject data derived under this Contract or a copy of the subject data first produced under this Contract. If this Contract is not completed for any reason whatsoever, all data developed under this Contract shall become subject data as defined in subsection (a) and shall be delivered as the Federal Government may direct.
- (d) Unless prohibited by state law, the Contractor agrees to indemnify, save, and hold harmless WMATA and the Federal Government, their officers, agents, and employees acting within the scope of their official duties against any liability,

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including costs and expenses, resulting from the Contractor's willful or intentional violation of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data furnished under this Contract. The Contractor shall not be required to indemnify WMATA and the Federal Government for any such liability arising out of the wrongful acts of their employees or agents.

- (e) Nothing contained in this article shall imply a license to WMATA or the Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to WMATA or the Federal Government under any patent.
- (f) The requirements of paragraphs (b) and (c), do not apply to material furnished by the Authority to the Contractor and incorporated in the work carried out under the contract provided that the Contractor identifies the incorporated material at the time of delivery of the work.
- (g) Any dispute arising under this article shall be subject to the "Disputes" article of this Contract.
- (h) Notwithstanding any other payment provision in this Contract, the Contracting Officer may retain from payments due and owing the Contractor up to 10 percent (10 %) of the contract price until final delivery and acceptance of the subject data defined in this article and as required to be furnished by the Price Schedule or the Contract's specifications.

6. PATENT RIGHTS – FTA – NOT APPLICABLE

- (a) Depending on the nature of the project, the Federal Government may acquire patent rights when the Contractor produces a patented or patentable invention, improvement or discovery. The Federal Government's rights arise when the patent or patentable information is conceived, or first reduced to practice. When a patent is issued or patentable information becomes available, the Contractor will report the same to the Authority, to enable it to notify FTA and provide a detailed report satisfactory to FTA.
- (b) Unless the Federal Government determines otherwise in writing, regardless of the status of any contractor, WMATA will transmit the Federal Government's patent rights to FTA as specified in 35 U.S.C. § 200, *et. seq.* and the Department of Commerce's regulations "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts, and Cooperative Agreements," 37 C.F.R. Part 401.

7. BUY AMERICA ACT- FTA

- (a) The Buy America Act requirements apply to the following types of contracts: construction contracts, the acquisition of goods or rolling stock valued at more than \$150,000.00²

² If the federal grant that funds this procurement was issued prior to 12/2014, then this amount is \$100,000.00.

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- (b) The Contractor agrees to comply with 49 U.S.C. § 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. § 661.7, and include final assembly in the United States for fifteen (15) passenger vans and fifteen (15) passenger wagons produced by the Chrysler Corporation, and microcomputer equipment and software. Separate requirements for rolling stock are set out at 49 U.S.C. § 5323(j)(2)(C) and 49 C.F.R. § 661.11. Rolling stock must be assembled in the United States and have a sixty percent (60%) domestic content.
- (c) Contractor is responsible for flowing down these requirements to subcontractors at every tier. The dollar threshold only applies to the prime contract. All subcontracts thereunder are subject to the Buy America Act requirements.
- (b) An offeror must submit to WMATA the appropriate Buy America Act certification with all offers on FTA funded contracts, except those subject to a general waiver. Offers that are not accompanied by the appropriate Buy America Act certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors.

8. PRE-AWARD AND POST DELIVERY AUDIT REQUIREMENTS – FTA

The Contractor agrees to comply with 49 U.S.C. § 5323(l) and FTA's implementing regulations at 49 C.F.R. Part 663 and to submit the following certifications:

- (a) *Buy America Act Requirements.* The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with the Buy America Act. If the offeror certifies compliance with the Buy America Act, it shall submit documentation that lists 1) component and subcomponent parts of the rolling stock to be purchased identified by manufacturer of the parts, their country of origin and cost; and 2) the location of the final assembly point for the rolling stock, including a description of the activities that will take place at the final assembly point and the cost of final assembly.
- (b) *Solicitation Specification Requirements.* The Contractor shall submit evidence that it will be capable of meeting the proposed specifications.
- (c) *Federal Motor Vehicle Safety Standards (FMVSS).* The Contractor shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted vehicles will not be subject to FMVSS regulations.

9. CHARTER BUS REQUIREMENTS- FTA – NOT APPLICABLE

Contractor shall comply with 49 U.S.C. §§ 5323(d) and (g) and 49 C.F.R. Part 604, which state that recipients and sub-recipients of FTA assistance are prohibited from providing charter service for transportation projects that use Federally funded equipment or facilities, if there is at least one (1) private charter operator willing and able to provide the service, except as permitted by 49 C.F.R. § 604.9, the terms and conditions of which are incorporated herein by reference. Any charter service provided under one (1) of the

exceptions must be "incidental," i.e. it must not interfere with or detract from the provision of mass transportation.

10. SCHOOL BUS REQUIREMENTS- FTA – NOT APPLICABLE

- (a) Pursuant to 49 U.S.C. §§ 5323(f) or (g) as amended by MAP-21, 23 U.S.C. § 133, 23 U.S.C. § 142, and 49 C.F.R. Part 605, recipients and sub-recipients of FTA assistance shall not engage in school bus operations exclusively for the transportation of students and school personnel in competition with private school bus operators, unless qualified under specified exemptions. When operating exclusive school bus service under an allowable exemption, recipients and sub-recipients shall not use federally funded equipment, vehicles, or facilities.
- (b) Violations. If WMATA or any Contractor has operated school bus service in violation of FTA's school bus laws and regulations, FTA may: (1) Require WMATA or the Contractor to take such remedial measures as FTA considers appropriate, or (2) Bar WMATA or the Contractor from receiving Federal transit funds.

11. BUS TESTING- FTA – NOT APPLICABLE

- (a) Contractor shall comply with 49 U.S.C. § 5323(c), applicable amendments of MAP-21, and FTA's implementing regulations at 49 C.F.R. Part 665 and shall perform the following:
 - (1) A manufacturer of a new bus model or a bus produced with a major change in components or configuration, shall provide copies of the final test report(s) to WMATA, prior to WMATA's final acceptance of the first vehicle.
 - (2) A manufacturer who releases a report under paragraph (a) above shall provide notice to the operator of the testing facility that the report is available to the public.
 - (3) If the manufacturer represents that the vehicle was previously tested, the vehicle being sold must have the identical configuration and major components as the vehicle in the test report, which must be provided to WMATA prior to its final acceptance of the first vehicle. If configuration or components are not identical, the manufacturer shall provide a description of the change and the manufacturer's basis for concluding that it is not a major change requiring additional testing.

12. CARGO PREFERENCE- FTA

The Contractor agrees:

- (a) To utilize privately owned United States flag commercial vessels to ship at least fifty percent (50%) of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, materials, or commodities pursuant to this Contract if such vessels are available at fair and reasonable rates for United States flag commercial vessels;
- (b) To furnish within twenty (20) working days following the date of loading for shipments originating within the United States, or within thirty (30) working days following the date of loading for shipments originating outside the United States, a legible copy of

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a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a) above to WMATA (through the Contractor in the case of a subcontractor's bills-of-lading) and to the Office of Cargo Preference, Maritime Administration (MAR-590), 400 Seventh Street SW, Washington, DC 20590;

- (c) To include these requirements in all subcontracts issued pursuant to this Contract when the subcontract may involve the transport of equipment, material, or commodities by ocean liner.

13. CLEAN AIR ACT- FTA

- (a) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401-7671. The Contractor agrees to report each violation to the Authority and understands and agrees that the Authority will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office.
- (b) The Contractor will comply with U.S. EPA Regulations "Control of Air Pollution from Mobile Sources," 40 C.F.R. Part 85; "Control of Emissions from New and In-Use Highway Vehicles and Engines," 40 C.F.R. Part 86; "Fuel Economy and Greenhouse Gas Exhaust Emissions of Motor Vehicles," 40 C.F.R. Part 600, as well as any applicable State Implementation Plans (SIP), and EPA regulations "Conformity to State or Federal Implementation Plans of Transportation Plans, Programs and Projects Developed, Funded or Approved Under Title 23 U.S.C. or Federal Transit Laws" 40 C.F.R. Part 93, along with other applicable Federal regulations.
- (c) Flow-down requirement. The Contractor also agrees to include this article in each subcontract exceeding \$150,000 financed, in whole or in part, with Federal assistance provided by FTA.

14. CLEAN WATER ACT- FTA

- (a) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Water Act, as amended, 33 U.S.C. §§1251-1377. The Contractor agrees to report each violation to the Authority and understands and agrees that the Authority will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.
- (b) The Contractor will protect underground sources of drinking water in compliance with the Safe Drinking Water Act of 1974, as amended, 42 U.S.C. §§300 (f)-(j).
- (c) The Contractor will comply with the notice of violating facility provisions in section 508 of the Clean Water Act, as amended, 33 U.S.C. § 1368.
- (c) The Contractor will facilitate compliance with Executive Order 11738, "Providing for Administration of the Clean Air Act and the Federal Water Pollution Control Act with Respect to Federal Contracts, Grants or Loans," 42 U.S.C. §7606 note.

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- (e) Flow-down requirement. The Contractor also agrees to include this clause in each subcontract exceeding \$150,000 financed, in whole or in part, with Federal assistance provided by FTA.

15. RECOVERED MATERIALS/ RECYCLED PRODUCTS- FTA

- (a) The Contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. § 6962), including but not limited to the regulatory provisions of 40 C.F.R. Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.
- (b) Flow-down requirement. The Contractor also agrees to include these requirements in each subcontract financed, in whole or in part, with Federal assistance provided by FTA.

16. RETAINAGE - NOT APPLICABLE

17. ENERGY CONSERVATION- FTA

- (a) The Contractor agrees to comply with mandatory standards and policies relating to the energy efficiency which are contained in the applicable state energy conservation plan issued in compliance with the National Energy Policy and Conservation Act, as amended, 42 U.S.C. § 6321, *et. seq.*
- (b) The Contractor agrees to perform an energy assessment for any building constructed, reconstructed or modified with FTA funds as required under FTA regulations, "Requirements for Energy Assessments." 49 C.F.R. Part 622.
- (c) The Contractor must include this clause in all subcontracts and sub-agreements at every tier.

18. CHANGES TO FEDERAL REQUIREMENTS- FTA

- (a) Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Agreement (Form FTA MA (22) dated October 1, 2015) between the Authority and FTA, as they may be amended or promulgated during the term of this Contract. Contractor's failure to so comply shall constitute a material breach of this Contract.
- (b) Flow-down requirement. The Contractor agrees to include this Article in each subcontract financed in whole or in part with Federal Assistance provided by FTA. It is further agreed that the Article shall not be modified, except to identify the subcontractor who will be subject to its provisions.

19. FLY AMERICA REQUIREMENTS- FTA

- (a) The Contractor agrees to comply with 49 U. S. C. § 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 C.F.R. §

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301-10, which provide that recipients and sub-recipients of Federal funds and their contractors are required to use U. S. Flag carriers for U. S. Government financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. If a foreign air carrier was used, the Contractor shall submit an appropriate certification or memorandum adequately explaining why service by a U. S. flag carrier was not available or why it was necessary to use a foreign air carrier and shall provide a certificate of compliance with the Fly America requirements.

- (b) Flow-down requirement. The Contractor agrees to include the requirements of this article in all subcontracts that may involve international air transportation.

20. PAYMENT DEDUCTIONS - NONCOMPLIANCE WITH DBE REQUIREMENTS- FTA

- (a) For Federally funded contracts that exceed \$150,000 and to which the Disadvantage Business Enterprise (DBE) Requirements (Appendix B) apply, the failure to perform in accordance with requirements of Appendix B may result in a partial or full suspension of payment, including progress payments, if applicable.
- (b) If the Contractor is found to be in noncompliance with the DBE requirements of Appendix B, the progress of the work shall also be deemed to be unsatisfactory, and an amount equal to the DBE participation in the Contract shall be retained from payment (or progress payments, if any) made to the Contractor.
- (c) If the contract value is over \$150,000, the prime contractor will be responsible for submitting a monthly report of the status of its DBE subcontractors as outlined in Appendix B to the Contracting Officer.
- (d) If the Contractor fails to submit the required monthly DBE reports, the Contracting Officer may suspend payment (or progress payments) until such time as the monthly reports are submitted and accepted by the Authority.

21. GOVERNMENT-WIDE DEBARMENT OR SUSPENSION- FTA

- (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

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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.

22. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

- (a) The preceding provisions include, in part, certain standard terms and conditions required by the U.S. Department of Transportation (DOT), whether or not expressly set forth in other Contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F and FTA Master Agreement (22) October 1, 2015 or any revision thereto, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all DOT or FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Contract. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any of the Authority's requests that would cause the Authority to be in violation of the FTA terms and conditions.
- (b) 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.

23. NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES- FTA

- (a) The Authority and the Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of this Contract, absent the express written consent by the Federal Government, it is not a party to this Contract and shall not be subject to any obligations or liabilities to the Authority, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from this Contract.
- (b) 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 its provisions.

24. FALSE STATEMENTS OR CLAIMS CIVIL AND CRIMINAL FRAUD- FTA

- (a) The Contractor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended, 31 U. S. C. § 3801 *e.t 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.

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- (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.

25. LOBBYING- FTA

- (a) The Contractor agrees that it will not use Federal funds to influence any officer or employee of a Federal agency, member of Congress or an employee of a member of Congress or an officer or employee of Congress on matters that involve this Contract or the underlying grant or agreement, including any award, extension or modification.
- (b) Contractor agrees that it will comply with 31 U.S.C. § 1352, as amended, U.S. DOT regulations "New Restrictions on Lobbying" 49 C.F.R, Part 20, to the extent consistent with 31 U.S.C. § 1352, as amended and other applicable Federal laws, regulations and guidance prohibiting the use of Federal funds for any activity concerning legislation or appropriations designed to influence the U.S. Congress or a state legislature unless an exception exists in current Federal law.
- (c) Flow-down requirement. The Contractor agrees to include these requirements in all subcontracts at all tiers under this Contract.

26. NATIONAL INTELLIGENT TRANSPORTATION SYSTEMS ARCHITECTURE AND STANDARDS-FTA

The Contractor agrees to:

- (a) Conform to the National Intelligent Transportation Systems (ITS) Architecture requirements of 23 U.S.C. § 517(d), as amended by MAP-21, unless it obtains an exemption from those requirements;
- (b) Follow:
 - (1) FTA Notice, "PTA National ITS Architecture Policy on Transit Projects," 66 Fed. Reg. 1455, January 8, 2001, and
 - (2) All other applicable Federal guidance, and
- (c) Flow this provision down to all applicable subcontract

27. CONTRACTS INVOLVING FEDERAL PRIVACY ACT REQUIREMENTS- FTA

The following requirements apply to the Contractor and its employees that administer any system of records on behalf of the Federal Government under any contract:

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- (a) The Contractor agrees to comply with, and assures the compliance of its employees with, the information restrictions and other applicable requirements of the Privacy Act of 1974, 5 U.S.C. § 552 (a). Among other things, the Contractor agrees to obtain the express consent of the Federal Government before the Contractor or its employees operate a system of records on behalf of the Federal Government. The Contractor understands that the requirements of the Privacy Act, including the civil and criminal penalties for violation of that Act, apply to those individuals involved, and that failure to comply with the terms of the Privacy Act may result in termination of the underlying contract.
- (b) The Contractor also agrees to include these requirements in each subcontract involving the administration of any system of records on behalf of the Federal government financed, in whole or in part, with Federal assistance provided by FTA.

28. 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.

29. BONDING FOR CONSTRUCTION PROJECTS EXCEEDING \$150,000 – FTA

The Contractor agrees to comply with applicable bonding requirements as follows:

- (a) *Proposal Security.* A proposal bond must be issued by a fully qualified surety company acceptable to WMATA and listed as a company currently authorized under 31 C.F.R. Part 223 as possessing a Certificate of Authority as described thereunder.
- (b) *Rights Reserved.* In submitting its offer, it is understood and agreed by offeror that the right is reserved by WMATA to reject any and all offers, or part of any offer. It is also understood and agreed that if the offeror refuses or is unable to enter into this Contract, or refuses or is unable to furnish adequate and acceptable performance bonds and labor and material payments bonds, or refuses or is unable to furnish adequate and acceptable insurance, it shall forfeit its security to the extent of WMATA's damages occasioned by such withdrawal, or refusal, or inability to enter into an agreement, or provide adequate security therefore.

It is further understood and agreed that to the extent that the defaulting offeror's proposal bond, certified check, cashier's check, treasurer's check, and/or official bank check (excluding any income generated thereby that was retained by WMATA) shall prove inadequate to fully compensate WMATA for the damages occasioned by default, then the offeror agrees to indemnify WMATA and pay over to WMATA the

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difference between the proposal security and WMATA's total damages, so as to make WMATA whole.

- (c) *Performance and Payment Bonding Requirements (Construction)*. The Contractor shall be required to obtain performance and payment bonds as follows:
- (1) *Performance bonds*. The penal amount of performance bonds shall be one hundred percent (100%) of the original Contract price, unless WMATA determines that a lesser amount would be adequate for its protection.
 - (2) WMATA may require additional performance bond protection when the Contract price is increased. The increase in protection shall generally equal one hundred percent (100%) of the increase in Contract price. WMATA may secure additional protection by directing the Contractor to increase the penal amount of the existing bond or to obtain an additional bond.
- (d) *Payment bonds*. The penal amount of the payment bonds shall equal:
- (1) Fifty percent (50%) of the Contract price, if it is not more than \$1,000,000.
 - (2) Forty percent (40%) of the Contract price, if it is more than \$1,000,000, but not more than \$5,000,000; or
 - (3) Two and one half million (\$2,500,000), if the Contract price is more than \$5,000,000.
 - (2) If the original Contract price is \$5,000,000 or less, WMATA may require additional protection, if the Contract price is increased.

30. BONDING REQUIREMENTS – GENERAL

- (a) *Performance and Payment Bonding Requirements (Non-Construction)*. The Contractor may, as a condition to the issuance of a Notice to Proceed, be required to obtain performance and payment bonds on forms acceptable to the Authority when necessary to protect the WMATA's interests. The following situations may warrant a performance bond:
- (1) WMATA's property or funds will be provided to the Contractor for use in performing the Contract or as partial compensation (as in retention of salvaged material).
 - (2) If Contractor sells assets to or merges with another concern, and WMATA, after recognizing the latter concern as the successor in interest, desires assurance that it is financially capable.

Substantial progress payments will be made before the delivery of end items begins.
 - (3) This Contract is for dismantling, demolition, or removal of improvements.
- (b) When it is determined that a performance bond is required, the Contractor shall be required to obtain performance bonds, as follows:

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- (1) The penal amount of performance bonds shall be one hundred percent (100%) of the original Contract price, unless WMATA determines that a lesser amount would be adequate for its protection.
 - (2) WMATA may require additional performance bond protection when the Contract price is increased. The increase in protection shall generally equal one hundred percent (100%) of the increase in Contract price. WMATA may secure additional protection by directing the Contractor to increase the penal amount of the existing bond or to obtain an additional bond.
- (c) A payment bond is required only when a performance bond is required, and if the use of payment bond is in WMATA's interests. When it is determined that a payment bond is required, the Contractor shall be required to obtain payment bonds as follows:
- (1) Fifty percent (50%) of the Contract price, if it is not more than \$1,000,000;
 - (2) Forty percent (40%) of the Contract price, if it is more than \$1,000,000, but not more than \$5,000,000; or
 - (3) Two and one half million (\$2,500,000), if the Contract price is increased.
- (d) *Advance Payment Bonding Requirements.* The Contractor may be required to obtain an advance payment bond, if the Contract contains an advance payment provision and a performance bond is not furnished. WMATA shall determine the amount of the advance payment bond necessary to protect it.
- (d) *Patent Infringement Bonding Requirements (Patent Indemnity).* The Contractor may be required to obtain a patent indemnity bond, if a performance bond is not furnished and the financial responsibility of the Contractor is unknown or doubtful. WMATA shall determine the amount of the patent indemnity required to protect it.
- (f) *Warranty of the Work and Maintenance Bonds.* The Contractor warrants to WMATA, the architect and/or engineer that all materials and equipment furnished under this Contract will be of highest quality and new, unless WMATA specifies otherwise, free from faults and defects and in conformance with the Contract. All work not conforming to these standards shall be considered defective. If required by the Project Manager, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.
- (1) The work furnished must be of first quality and the workmanship must be the best obtainable in the various trades. The work must be safe, substantial and durable in all respects. The Contractor hereby guarantees that the work will not contain defective materials or faulty workmanship for a minimum period of one (1) year after final payment by WMATA. The Contractor shall replace or repair any defective materials or equipment or faulty workmanship during the period of the guarantee at no cost to WMATA. As additional security for these guarantees, the Contractor shall, prior to the release of final payment, furnish separate maintenance (or guarantee) bonds in a form acceptable to WMATA written by the same corporate surety that provides the performance bond and labor and material payment bond for this Contract. These bonds

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shall secure the Contractor's obligation to replace or repair defective materials and faulty workmanship for a minimum period of one (1) year after final payment and shall be written in an amount equal to one hundred percent (100%) of the Contract amount, as adjusted.

31. SEISMIC SAFETY – FTA NOT - APPLICABLE

The Contractor agrees that any new building or addition to an existing building will be designed and constructed in accordance with the standards for Seismic Safety required in Department of Transportation's Seismic Safety Regulations, 49 C.F.R. Part 41 and will certify compliance to the extent required by the regulation. The Contractor also agrees to ensure that all work performed under this Contract, including work performed by a subcontractor is in compliance with the standards required by the Seismic Safety Regulations and the certification of compliance issued on the project.

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) The Contractor shall employ and assign a full-time Safety Superintendent for Contracts involving "safety sensitive" functions. (See Combined Glossary attached hereto for a definition). The Safety Superintendent shall have a minimum of three (3) years of construction safety experience and hold an OSHA thirty (30) hour course card. He or she shall have the ability to develop and conduct safety training courses. He or she shall be familiar with industrial hygiene equipment and testing as required for the protection of all employees. The Safety Superintendent shall be employed exclusively for the purpose of supervising the safety of persons on or about the worksite and the property affected thereby. The Safety Superintendent shall also be responsible for providing first aid at the worksite and must have a current Red Cross First Aid Certificate. The Contractor shall notify the Contracting Officer a reasonable amount of time beforehand, any time that the Safety Superintendent will not be on site during work hours. If, at any time, the worksite is without the services of an approved Safety Superintendent for a period of three (3) calendar days or more, the work may be closed down at the Contracting Officer's discretion. The Safety Superintendent must be acceptable to the Contracting Officer and his or her performance will be reviewed on a continuing basis. If the Safety Superintendent's effectiveness is below standard, the Contractor shall provide immediate replacement at the Contracting Officer's direction. Once employed, the Safety Superintendent shall not be changed

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without the Contracting Officer's permission. The Safety Superintendent can be terminated at any time, at the Contracting Officer's discretion.

- (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 ("MWCOG") 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 MWCOG 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- STATEMENT OF
WORK**

SPECIFICATION NUMBER SPN – 0072	REVISION 1	EFFECTIVE DATE 11/8/2016	PAGE Page 1 of 38
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Washington Metropolitan Area Transit Authority
600 5th Street, NW
Washington, DC 20001

SCOPE OF WORK

System-Wide Track Rehabilitation

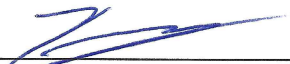

ORIGINATED BY: <u></u> Kevin Greig, TRST Project Manager	DATE: <u>11/8/16</u>
APPROVED BY: <u></u> Michael Davis, TRST General Superintendent	DATE: <u>11/8/16</u>

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SCOPE OF WORK

1.1 SUMMARY

- 1.1.1 The Washington Metropolitan Area Transit Authority (WMATA) requires contractor services to perform system-wide capital track rehabilitation, including direct fixation fastener replacement, fastener anchor bolt (stud) replacement, grout (plinth) pad renewal, wood crosstie renewal, contact rail (third rail) insulator renewal, contact rail protection cover (coverboard) replacement, track gauging, roadway cleanup, and track labor support.
- 1.1.2 The contractor will supply all necessary labor and equipment to complete the activities specified in this scope. All work must meet WMATA design criteria and WMATA-1000 Track Standards, under the direction of WMATA personnel.
- 1.1.3 WMATA will supply all necessary materials for the activities in this contract, including but not limited to, direct fixation rail fasteners, anchor bolts/hardware, epoxy, wood crossties, tie plates/hardware, stone ballast, grout mix, contact rail protection covers/brackets, contact rail insulators/hardware, and fastener/insulator shims.
- 1.1.4 All materials will be made available for the contractor at WMATA specified locations, within reasonable distance of the work area (nearest yard or track access point). The contractor will be responsible for unloading materials on-site with support from WMATA rail equipment.
- 1.1.5 The work to be completed under this contract will occur throughout the WMATA mainline and yard tracks in Virginia, Maryland, and the District of Columbia.

1.2 DIRECT FIXATION FASTENER REPLACEMENT

- 1.2.1 The work to be completed under this activity includes removal and installation of direct fixation fasteners in WMATA specified locations system-wide. Locations include but are not limited to, tunnels, aerial structures, at-grade direct fixation construction, and yard leads.
- 1.2.2 This work will occur in a production environment, and the contractor may be required to replace more than 250 fasteners per 12-hour shift.
- 1.2.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.2.4 During fastener renewal, the WMATA RWIC/Gang Leader will determine if the existing anchor bolts will need to be replaced. For this contract, anchor bolt replacement is a separate activity from fastener replacement.
- 1.2.5 If anchor bolts do not need to be replaced, the running rail will be unclipped and raised high enough to allow removal of old fasteners. Sufficient e-clips will to be removed to minimize stress on the running rail while lifting.

- 1.2.6 Avoid stripping the anchor bolt nuts by using the correct socket, typically hex-head 1-5/16 inch or 1-7/16 inch sockets.
- 1.2.7 Ensure the concrete surface of the existing grout pad is flat and smooth underneath the bearing area of the new fastener to be installed. The fastener bearing area cannot be convex or concave from a horizontal plane established from the highest point by greater than 1/16 inch.
- 1.2.8 New fasteners are to be installed clean and free of dirt, grout, and other substances which may reduce the electrical-insulating characteristics.
- 1.2.9 Standard fastener spacing for mainline and yard lead direct fixation track is 30 inch centers.
- 1.2.10 Positioning of the new fastener should be accomplished by hand, and placed over the anchor bolts. If female insert (Richmond) anchors are in place, position the fastener body such that each concrete insert can be seen directly through the centerline of each fastener anchoring slot.
- 1.2.11 With the fastener free to move laterally, the rail will be carefully lowered to each fastener ensuring that the centerline of the rail section is aligned with the centerline of each fastener prior to any contacting of the rail base to the fastener body.
- 1.2.12 A final visual check should be made to ensure that the rail base runs directly along the centerline of each fastener and is fully bearing on the rail seat. Ideally, the rail will have a 1/16 inch gap between each side of the rail seat. Under no conditions should the rail base bear on the clip holder or on top of the rail seat side walls.
- 1.2.13 The rail base to fastener body interface should meet flush. If any gap is present, the fastener body must be shimmed between the fastener base and the concrete surface. Shims generally range in thickness from 1/16 inch to 1/2 inch.
- 1.2.14 Each fastener along the entire installation length should be properly shimmed and anchored prior to e-clip installation. Prior to installing the e-clips, the fastener body should be temporarily secured to the concrete surface by torquing the anchor bolts to 150 foot-pounds + or - 50 foot-pounds.
- 1.2.15 Surface runoff at the end of new installation will be at a uniform rate of one inch per 62 feet.
- 1.2.16 E-clips should be driven until a gap of approximately 1/8 inch to 3/8 inch is present between the major loop of the clip and the edge of the clip holder.
- 1.2.17 The fastener body should be released so the serrated washer can be rotated to allow the fastener body and rail clip assembly to be moved laterally for gauge adjustment.
- 1.2.18 Current elevation and track centers will remain the same. Track gauge and elevation must conform to WMATA track standards and account for worn rail conditions.
- 1.2.19 If necessary, the line rail will be adjusted to the proper alignment. In curves, the high rail will be string-lined to the proper radius per the WMATA track chart data and WMATA 1000 standards, in 62 foot chords. If the line rail is correct, only the opposite rail need be adjusted to the proper gauge.

- 1.2.20 The track will be adjusted to proper gauge. The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.
- 1.2.21 Care will be taken to blend the new installation with existing fasteners. Gauge variation cannot exceed 5/8 inch.
- 1.2.22 Installed anchor bolt nuts/female insert anchors will be torqued 250 to 325 foot-pounds, as directed by WMATA.
- 1.2.23 Fastener replacement will be reported in units (each), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.2.24 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener replacement. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.2.25 Contractor will:
 - 1.2.25.1 Remove and install fasteners system-wide (Locations to include but not limited to tunnels, aerial structures, at-grade direct fixation construction, and yard leads)
 - 1.2.25.2 Provide labor, tools, and equipment to remove and install fasteners, as directed by WMATA personnel
 - 1.2.25.3 Use sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.2.25.4 Provide PPE for all contractor personnel
 - 1.2.25.5 Deliver all material to the work area with support from WMATA rail equipment
 - 1.2.25.6 Properly line and gauge the track to WMATA standards
 - 1.2.25.7 Shim fasteners as needed to maintain surface to WMATA standards
 - 1.2.25.8 Secure and torque all fasteners to WMATA standards
 - 1.2.25.9 Blend new installation into existing track
 - 1.2.25.10 Perform inspection of the work with WMATA personnel at the end of each shift, and both sign the appropriate form
 - 1.2.25.11 Remove all old fasteners, hardware, and debris from the roadway
 - 1.2.25.12 Load old fasteners, hardware, and debris on a flat car/cart

1.2.25.13 Transport to the WMATA designated location and neatly stack all old fasteners within 24 hours for pickup

1.2.25.14 Contractor is not responsible for removing used material from WMATA property

1.2.26 WMATA will:

1.2.26.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required

1.2.26.2 Acquire track access and power outages

1.2.26.3 Provide a maximum of one prime mover/flatcar for transport of tools and materials

1.2.26.4 Establish work zones and provide/set up safety equipment

1.2.26.5 Supply direct fixation fasteners

1.2.26.6 Supply e-clips

1.2.26.7 Supply anchor bolt nuts/washers

1.2.26.8 Supply serrated washers

1.2.26.9 Supply non-conductive shims

1.2.26.10 Provide direction and technical expertise compliant with WMATA-1000 standards

1.2.26.11 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.3 DF FASTENER ANCHOR BOLT REPLACEMENT

1.3.1 The work to be completed under this activity includes replacement of anchor bolts to secure direct fixation fasteners in WMATA defined areas system-wide. Locations to include tunnels but not limited to aerial structures, at-grade direct fixation construction, and yard leads.

1.3.2 This work will occur in a production environment, and the contractor may be required to replace more than 300 anchor bolts per 12-hour shift.

1.3.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.

1.3.4 During fastener renewal, the WMATA RWIC/Gang Leader will determine if the existing anchor bolts will need to be replaced. If so, the existing anchor bolt will be cut flush with the grout pad.

1.3.5 Installation includes a 7/8 inch steel, threaded anchor bolt cast into the grout pad over which the direct fixation fastener is placed and held down with nut and serrated washer. A "pour-in-place" method with epoxy will be implemented.

- 1.3.6 Holes will typically be core drilled through the existing stud. If this is not practical, a new hole may be drilled into the grout pad/invert (rock drilling), if it does not spall the concrete, delaminate the grout pads and compromise structural integrity of the track slab. WMATA personnel will direct the contractor.
- 1.3.7 For core drilling:
- 1.3.7.1 1-1/2 inch diameter core drill will be used to remove the existing anchor studs. The core drill rig will be positioned over the top of the existing anchor stud that was cut, then centered.
 - 1.3.7.2 Water is needed for coring operations on direct fixation track.
- 1.3.8 For rock drilling (new hole in grout pad):
- 1.3.8.1 A template will be placed on the grout pad and offset center to center from the existing cut studs by 3 inches.
- 1.3.9 The diameter of the plated hole is 1-5/8 inches in contrast to the 7/8 inch anchor stud, which allows 3/8 inches of play. The hole diameter will not be greater than 2 1/4 inches.
- 1.3.10 Holes will be drilled normal, + or - one degree to the plane of the rail base.
- 1.3.11 Under any circumstances, no reinforcing bar will be damaged or cut. In the event any of the following occur, the Track Engineer must be notified.
- 1.3.12 If longitudinal reinforcing bar is encountered while drilling a stud hole before reaching the design depth, the hole will be relocated for installation of the extended fastener plate. Whenever a hole is relocated, the original hole will be filled with approved insert anchoring material.
- 1.3.13 If transverse reinforcing bar is encountered while drilling a stud hole before reaching the design depth, the hole will be relocated at a minimum distance of three inches. Whenever hole is relocated, the original hole will be filled with approved insert anchoring material.
- 1.3.14 Holes will be drilled to a depth of 5 inches + or - 1/2 inch in the concrete trackbed below the grout pad. If the anchor bolt hole is drilled to a depth greater than 5-1/2 inches, it will be filled with grout or anchor material to the design depth.
- 1.3.15 Remove all dust, dirt, debris or any other bond-inhibiting material from anchor bolt holes using a stiff brush. Clean holes using 80 psi (min.) oil-free, compressed air to remove dust from hole or any other bond-inhibiting material.
- 1.3.16 All necessary measures must be taken to prevent water from entering the insert holes.
- 1.3.17 Mix epoxy materials for new stud anchor based on manufacturer's instructions. Avoid creating air pockets in the hole and fill to approximately 1/2 the depth of the hole.
- 1.3.18 All anchor bolts or inserts must be solidly bonded to the track structures. Any anchor bolt found to be loose must be reset with epoxy.

- 1.3.19 Ensure the concrete surface of the existing grout pad is flat and smooth underneath the bearing area of the new fastener to be installed. Flatness will be based off the highest point within the bearing area. The entire bearing area will not be convex or concave from a horizontal plane established from the highest point by greater than 1/16 inch.
- 1.3.20 New fasteners will be set by hand, and not be positioned by hammering or prying.
- 1.3.21 The track will be adjusted to proper gauge. The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.
- 1.3.22 Care will be taken to blend areas requiring gauge adjustment with new installation. Gauge variation cannot exceed 5/8 inch.
- 1.3.23 Anchor bolt nuts will be set atop a flat washer and serrated washer, then torqued to 250 to 325 foot-pounds, as directed by WMATA.
- 1.3.24 Anchor stud replacement will be reported in units (each), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.3.25 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during anchor bolt replacement. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.3.26 Contractor will:
 - 1.3.26.1 Core/cut and install anchor bolts system-wide (Locations to include but not limited to tunnels, aerial structures, at-grade direct fixation construction, and yard leads)
 - 1.3.26.2 Provide labor, tools, and equipment to core/cut and install anchor bolts as directed by WMATA personnel
 - 1.3.26.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.3.26.4 Provide PPE for all contractor personnel
 - 1.3.26.5 Deliver all material to the work area with support from WMATA rail equipment
 - 1.3.26.6 Properly line and gauge the track to WMATA standards
 - 1.3.26.7 Secure and torque all fasteners to WMATA standards
 - 1.3.26.8 Shim fasteners as needed to maintain surface to WMATA standards
 - 1.3.26.9 Blend new work into existing track

- 1.3.26.10 Perform inspection of completed work with WMATA personnel and both parties sign for approval
- 1.3.26.11 Remove all old anchor bolts, hardware, and debris from the roadway
- 1.3.26.12 Load old anchor bolts, hardware, and debris on flat cars
- 1.3.26.13 Remove and pile old anchor bolts/hardware from the flat car once it is returned to the required rail yard within 24 hours
- 1.3.26.14 Contractor is not responsible for removing used material from WMATA property

1.3.27 WMATA will:

- 1.3.27.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required
- 1.3.27.2 Acquire track access and power outages
- 1.3.27.3 Provide a maximum of one prime mover/flatcar for delivery and removal of materials
- 1.3.27.4 Establish work zones and provide/set up safety equipment
- 1.3.27.5 Supply fastener anchor bolts
- 1.3.27.6 Supply nuts and washers
- 1.3.27.7 Supply epoxy to set anchor bolts
- 1.3.27.8 Provide direction and technical expertise compliance with WMATA-1000 standards
- 1.3.27.9 Perform inspection of completed work with contractor personnel and sign form

1.4 GROUT PAD RENEWAL

- 1.4.1 The work to be completed under this activity includes rehabilitation of direct fixation grout pads in support of direct fixation fastener renewal, insulator renewal, or turnout rehabilitation throughout WMATA defined areas system-wide. Locations to include but not limited to tunnels, aerial structures, at-grade direct fixation construction, and yard leads.
- 1.4.2 This work will occur in a production environment, and the contractor may be required to replace more than 200 linear feet of grout pads per 12-hour shift.
- 1.4.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.4.4 Contractor will demo existing grout pads and form/pour new ones to support direct fixation fasteners, contact rail insulators, or special trackwork.

- 1.4.5 Grout mix will be supplied by WMATA, consisting of Portland cement grout, epoxy grout, or epoxy modified.
- 1.4.6 The concrete invert will be roughened before grout placement and epoxy bonding agents used to enhance the bond between the grout and the concrete.
- 1.4.7 Reinforcing steel cannot be used for grout pads, as they lack proper thickness.
- 1.4.8 Anchor bolts will be set in the deck slab to provide the structural integrity of the fasteners. This design requires drilling of the concrete invert to grout the anchor bolt in place. Drilling can occur prior to or after grout pad installation. Bolt assemblies are permanently anchored with an epoxy grout material.
- 1.4.9 Bolt assemblies will be permanently anchored with epoxy grout material.
- 1.4.10 The grout pad can be formed and poured before the rail fastener is placed, contingent upon providing a level and true top surface for the rail fastener, contact rail insulator, or special trackwork.
- 1.4.11 Assembled running rail and fasteners can be suspended at proper grade and alignment above the concrete invert and the grout either pumped or dry packed under the rail fastener. If this approach is taken, it is essential to ensure that pad can be formed and poured before the rail fastener is placed.
- 1.4.12 Grout pads will be poured to provide the running rails a 40-to-1 cant toward the center of the track, except within the limits of special trackwork, and for contact rail insulators. Grout pads within the limits of special trackwork, and for contact rail insulators, will provide no cant to the rail and will be flat to +0.3 degrees.
- 1.4.13 Grout pads will be poured to the proper superelevation in curves, per WMATA design standards.
- 1.4.14 If the grout pad is poured too high, grinding will be required. If it is too low, elastomeric shims will be placed beneath the rail fasteners to maintain proper surface, and should be no greater than 1/16 inch for new construction. Direct fixation fastener height is critical to vehicle ride quality and interaction between the rail and track structure.
- 1.4.15 The maximum difference in elevation between adjacent fasteners should be less than 1/16 inch.
- 1.4.16 Grout pads must provide full bearing support at all positions of adjustment of the running rails and contact rail insulators. Grout pads must extend no less than 1/2 inch beyond the fasteners. On aerial structures, epoxy resin or epoxy modified concrete grout pad will not extend more than 2 inches beyond any edge of the fastener.
- 1.4.17 At all locations other than aerial structures, grout pads will be continuous, not exceeding a length of 20 linear feet.
- 1.4.18 The track will be adjusted to proper gauge. The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.

- 1.4.19 Care will be taken to blend areas requiring gauge adjustment with new installation. Gauge variation cannot exceed 5/8 inch.
- 1.4.20 Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.4.21 Grout pad renewal will be reported in units (linear feet), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.4.22 The above information is to be used a guide for the contractor, but does not encompass every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.4.23 Contractor will:
 - 1.4.23.1 Frame/pour direct fixation grout pads system-wide (Locations to include tunnels, aerial structures, at-grade direct fixation construction, and yard leads)
 - 1.4.23.2 Provide labor, tools, and equipment to frame/pour direct fixation grout pads as directed by WMATA personnel
 - 1.4.23.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.4.23.4 Provide Personal Protective Equipment (PPE)
 - 1.4.23.5 Deliver all material to the work area with support from WMATA rail equipment
 - 1.4.23.6 Demo existing defective grout pads
 - 1.4.23.7 Roughen concrete invert in preparation for grout pads
 - 1.4.23.8 Apply adhesive to attached grout pads
 - 1.4.23.9 Drill holes in concrete invert
 - 1.4.23.10 Epoxy anchor bolt assemblies
 - 1.4.23.11 Pour grout pads to proper height, level, and cant
 - 1.4.23.12 Grind grout pads or install shims, as required
 - 1.4.23.13 Replace existing fasteners or install new fasteners
 - 1.4.23.14 Maintain surface, gauge, and alignment to WMATA standards
 - 1.4.23.15 Remove all demoed grout material, old studs, and forms from the roadway
 - 1.4.23.16 Load old grout material, old studs, and forms on flat cars

1.4.23.17 Perform removal and neat piling of all scrap material from the flat car once it is returned to the required rail yard, within 24 hours

1.4.24 WMATA will provide and/or perform the following:

1.4.24.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required

1.4.24.2 Acquire track access and power outages

1.4.24.3 Coordinate the removal and installation of Automatic Train Control (ATC) equipment

1.4.24.4 Provide a maximum of one prime mover/flatcar for delivery and removal of materials

1.4.24.5 Establish work zones and provide/set up safety equipment

1.4.24.6 Supply grout mix

1.4.24.7 Supply nylon shims for direct fixation fasteners

1.4.24.8 Supply anchor bolts

1.4.24.9 Supply stud concrete anchoring adhesive

1.4.24.10 Establish work zones

1.4.24.11 Provide direction and technical expertise compliance with WMATA-1000 standards

1.4.24.12 Perform inspection of completed work with contractor personnel and sign the appropriate form

1.5 CROSSTIE RENEWAL

- 1.5.1 The work to be completed under this activity includes crosstie renewal throughout WMATA defined areas system-wide. Locations include but not limited to mainline ballasted track, ballasted deck bridges, yard tracks, and areas with obstructions such as station platforms, walls, fences, or cable troughs.
- 1.5.2 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.5.3 This work will occur in a production environment, and the contractor may be required to replace more than 100 crossties per 12-hour shift.
- 1.5.4 The contractor must possess all proper equipment to install obstructed and unobstructed crossties.
- 1.5.5 This activity includes the replacement of 8 foot 6 inch and 10 foot wood crossties.
- 1.5.6 At the start of the track outage, new crossties will be placed perpendicular to the rail for exchange with the defective crosstie.
- 1.5.1 Avoid damage to crossties with unnecessary handling, distribution and reloading.
- 1.5.2 Use the correct socket to avoid stripping screw spike heads. Lewis Evergrip screw spikes use a rectangular 1-1/8 inch x 7/8-inch rectangular head socket and square screw spikes use a standard 1-inch socket.
- 1.5.3 Crossties are to be installed with the heartwood down at right angles to the track.
- 1.5.4 When four consecutive crossties are replaced at any time, the area must be checked for proper Preferred Rail Laying Temperature (PRLT) following the crosstie renewal.
- 1.5.5 Crosstie surface should be clean of ballast and debris to prevent interference with tie plates re-inserted under the rail.
- 1.5.6 Tie plates should be placed into position for easy insertion by contractor personnel. Ensure tie plates are canted toward the gauge of the track during placement.
- 1.5.7 Using tie tongs or a lining bar, correct any skewed ties and provide proper tie spacing. Avoid using picks or hammers to position ties.
- 1.5.8 Exercise caution during installation to ensure anti-splitting devices remain intact.
- 1.5.9 Crossties are spaced on 27 inch centers on mainline track and on 30 inch centers in yard and secondary tracks.
- 1.5.10 The track will be adjusted to proper gauge. The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.

- 1.5.11 Care will be taken to blend areas requiring gauge adjustment with new installation. Gauge variation cannot exceed 5/8 inch.
- 1.5.12 Drill screw spike holes into crosstie by inserting the bit through the appropriate tie plate holes, and ensure proper hole depth is set in advance.
- 1.5.13 For mainline Pandrol tie plate, three screw spikes will be used in tangent to 2,900 foot radius. Four screw spikes will be used for a curve radius under 2,900 feet. Follow the screw spike pattern outlined in WMATA-1000 Figure 7-4.
- 1.5.14 Set screw spikes on both running rails with a hammer before tying down.
- 1.5.15 Torque screw spikes to the manufacturer's specification and install e-clips on both rails.
- 1.5.16 Spot tamping will occur to properly compact ballast beneath new crossties.
- 1.5.17 Re-install existing coverboards and contact rail within the limits of crosstie replacements including installing the existing insulators that were temporarily removed onto the new crosstie replacements.
- 1.5.18 WMATA will perform surfacing and regulating after crosstie work has been completed.
- 1.5.19 Pick-up scrap such as tie plates and spikes.
- 1.5.20 Dress ballast sections in accordance with WMATA standards, if required.
- 1.5.21 Final grading must conform to WMATA design criteria. Current elevation and track centers will remain the same. Track gauge and elevation must conform to WMATA track standards.
- 1.5.22 Crosstie renewal will be reported in units (each), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.5.23 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.5.24 Contractor will:
 - 1.5.24.1 Remove and install wood crossties system-wide (Locations to include mainline ballasted track, ballasted deck bridges, yard tracks, and areas with obstructions such as station platforms, walls, fences, or cable troughs)
 - 1.5.24.2 Provide labor, tools, and equipment to remove and install crossties as directed by WMATA personnel
 - 1.5.24.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.5.24.4 Provide PPE for all contractor personnel
 - 1.5.24.5 Deliver all material to the work area with support from WMATA rail equipment

- 1.5.24.6 Properly line and gauge the track to WMATA standards
- 1.5.24.7 Spot tamp to compact ballast to WMATA standards
- 1.5.24.8 Blend new installation into existing track
- 1.5.24.9 Perform inspection of completed work with WMATA personnel and sign the appropriate form
- 1.5.24.10 Remove all old crossties, hardware, and debris from the roadway
- 1.5.24.11 Load old crossties, hardware, and debris on a flat car/cart
- 1.5.24.12 Transport to the WMATA designated location and neatly stack all old fasteners within 24 hours for pickup
- 1.5.24.13 Contractor is not responsible for removing used material from WMATA property

1.5.25 WMATA will:

- 1.5.25.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required
- 1.5.25.2 Acquire track access and power outages
- 1.5.25.3 Coordinate the removal and installation of Automatic Train Control (ATC) equipment
- 1.5.25.4 Provide a maximum of one prime mover/flatcar for transport of tools and materials
- 1.5.25.5 Establish work zones and provide/set up safety equipment
- 1.5.25.6 Supply wood crossties
- 1.5.25.7 Supply screw spikes
- 1.5.25.8 Supply tie plates
- 1.5.25.9 Supply e-clips
- 1.5.25.10 Supply stone ballast, if needed
- 1.5.25.11 Provide direction and technical expertise compliance with WMATA-1000 standards
- 1.5.25.12 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.6 CONTACT RAIL INSULATOR RENEWAL

- 1.6.1 The work to be completed under this activity includes replacement of contact (third) rail insulators in WMATA defined areas system-wide. Locations to include tunnels, aerial structures, at-grade ballast/direct fixation construction, and yard leads/rail yards.
- 1.6.2 This work will occur in a production environment, and the contractor may be required to replace more than 250 insulators per 12-hour shift.
- 1.6.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.6.4 Existing contact rail (third rail) protection covers (coverboards) and support brackets may need to be temporarily removed during insulator renewal to avoid obstruction, as directed by WMATA personnel. Insulators obstructed by brackets must be installed as close as possible to the centerline of crossties/grout pads.
- 1.6.5 For Direct Fixation:
 - 1.6.5.1 Anchor bolt nuts and washers from base of third rail insulator will be backed out and removed, if possible. If the nut is frozen to the threaded stud, the anchor bolt/nut should be cut off.
 - 1.6.5.2 After the nut is removed or anchor bolt cut, carefully raise the contact rail 2-3 inches in a uniform manner. Avoid placing the jack directly under a contact rail weld. The insulator can now be lifted from the grout pad.
 - 1.6.5.3 If space allows, cut the anchor bolt flush and offset the insulator from the existing stud and drill holes using a 1-1/8 inch bit. If there is insufficient space, use a 5/8 inch core drill diameter to remove the existing 1/2 inch diameter anchor bolts.
 - 1.6.5.4 Position the core drill rig down and over the top of the existing anchor stud that was previous cut and centered with the stud. Core out existing anchor stud.
 - 1.6.5.5 Holes will be drilled with a 1-1/8 inch bit to a depth of 5 inches + or - 1/2 inch in the concrete trackbed below the grout pad. If the anchor bolt hole is drilled to a depth greater than 5-1/2 inches, it will be filled with grout or anchor material to the design depth. Holes will be drilled normal, + or - one degree to the plane of the rail base. Please note that the new threated anchor studs should occupy the current location of the existing anchor studs that were removed for the purpose of minimizing impacts to the existing rebar.
 - 1.6.5.6 Make sure the concrete surface of the existing grout pad is flat and smooth underneath the bearing area of the new insulator to be installed. Flatness will be based off the highest point within the bearing area. The entire bearing area will not be convex or concave from a horizontal plane established from the highest point by greater than 1/16 inch.

- 1.6.5.7 Remove all dust, dirt, debris or any other bond-inhibiting material from anchor bolt holes using a stiff brush. Clean holes using 80 psi (min.) oil-free, compressed air to remove dust from hole or any other bond-inhibiting material.
- 1.6.5.8 All necessary measures must be taken to prevent water from entering the insert holes.
- 1.6.5.9 Mix epoxy materials for new stud anchor based on manufacturer's instructions. Avoid creating air pockets in the hole and fill to approximately 1/2 the depth of the hole.
- 1.6.5.10 All anchor bolts or inserts must be solidly bonded to the track structures. Any anchor bolt found to be loose must be reset with epoxy.
- 1.6.5.11 While the contact rail is still elevated using jacks, position the new insulator using the centerline of the insulator's anchoring slot. New insulators will not be positioned by hammering or prying.
- 1.6.5.12 New insulators will be kept clean and free of dirt, grout and other substances which could reduce the electrical-insulating characteristics of the insulator.
- 1.6.5.13 After third rail is placed on the top seat of insulator, make sure the third rail height is properly set. Top of third rail will be 4-1/2 inch +/- 1/8 inch above the top of the adjacent running rail. Use non-conductive shims, if necessary.
- 1.6.5.14 Final adjustment of insulators should be made after the grout has hardened. The insulator can be moved within slotted holes and will be gauged at 26 inches + or - 1/8 inch from the contact rail centerline to the tread (gauge) side of the running rail head. After proper location is reached the anchor stud nuts will be tightened to 50 foot-pounds.

1.6.6 For Wood Crossties:

- 1.6.6.1 Timber drive spikes (lag bolts) and washers from base of third rail insulator will be backed out and removed, if possible. If this is not possible, the drive spike should be cut off.
- 1.6.6.2 After the drive spike is removed or cut, carefully raise the contact rail 2-3 inches in a uniform manner. Avoid placing the jack directly under a contact rail weld. The insulator can now be lifted from the crosstie.
- 1.6.6.3 While the contact rail is still elevated using jacks, position the new insulator using the centerline of the insulator's anchoring slot, and centered on the crosstie. New insulators will not be positioned by hammering or prying.
- 1.6.6.4 New insulators will be kept clean and free of dirt and other substances which could reduce the electrical-insulating characteristics of the insulator.

- 1.6.6.5 After third rail is placed on the top seat of insulator, make sure the third rail height is properly set. Top of third rail will be 4-1/2 inch + or - 1/8 inch above the top of the adjacent running rail. Use shims, if necessary.
- 1.6.6.6 The insulator can be moved within slotted holes and will be gauged at 26 inches + or - 1/8 inch from the contact rail centerline to the tread (gauge) side of the running rail head. After proper location is reached the drive spikes will be tightened securely.
- 1.6.7 Insulator renewal will be reported in units (each), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.6.8 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.6.9 Contractor will:
 - 1.6.9.1 Remove and install contact rail insulators system-wide (Locations to include but not limited to mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)
 - 1.6.9.2 Provide labor, tools, and equipment to remove and install insulators as directed by WMATA personnel
 - 1.6.9.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.6.9.4 Provide PPE for all contractor personnel
 - 1.6.9.5 Deliver insulators/hardware to the work location
 - 1.6.9.6 Remove and install new insulators on direct fixation grout pads, including epoxy application, anchor bolts, nuts, washers, and shims
 - 1.6.9.7 Remove and install new insulators on wood crossties, including timber drive spikes, washers, and shims.
 - 1.6.9.8 Blend new installation into existing contact rail system
 - 1.6.9.9 Replace any damaged contact rail protection covers, brackets, or anchor arms associated with insulator replacement
 - 1.6.9.10 Perform punchlist work as directed by WMATA personnel
 - 1.6.9.11 Perform inspection of completed work with WMATA personnel and sign the appropriate form
 - 1.6.9.12 Remove all old insulators, hardware, and debris from the roadway
 - 1.6.9.13 Load old insulators, hardware, and debris on a flat car/cart

1.6.9.14 Transport to the WMATA designated location and neatly stack all old insulators within 24 hours for pickup

1.6.9.15 Contractor is not responsible for removing used material from WMATA property

1.6.10 WMATA will:

1.6.10.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required

1.6.10.2 Acquire track access and power outages

1.6.10.3 Provide a maximum of one prime mover/flatcar for transport of tools and materials

1.6.10.4 Establish work zones and provide/set up safety equipment

1.6.10.5 Supply contact rail insulators

1.6.10.6 Supply anchor bolts

1.6.10.7 Supply epoxy to set anchor bolts

1.6.10.8 Supply nuts/washers

1.6.10.9 Supply timber drive spikes/washers

1.6.10.10 Supply insulator shims

1.6.10.11 Provide direction and technical expertise compliance with WMATA-1000 standards

1.6.10.12 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.7 RUNNING RAIL RENEWAL

1.7.1 This section outlines running rail renewal and rail end welding, including replacement of all associated hardware such as e-clips or joint bars/bolts.

1.7.2 This work will occur in a production environment, and the contractor may be required to replace more than 1,560 linear feet of running rail per 12-hour shift.

1.7.3 WMATA uses 115 RE running rail, and installation can vary between 390-foot, 78-foot, 39-foot, or 19-foot 6-inch lengths, depending upon the scope. The contractor must possess all proper equipment to install these varied lengths of rail.

1.7.4 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages. WMATA will deliver rail on site for installation.

- 1.7.5 Determine the actual rail temperature of the new rail to be installed by taking temperature readings to be located at the middle and each end of the stringers to be installed. The PRLT (Rail Laying Temperature) range for WMATA is 95 deg F + or - 10 deg F. If the rail temperature is not within this range, then it must be adjusted using a hydraulic rail expander or mechanical rail heater.
- 1.7.6 The ends of the existing running rail must be cut with an abrasive rail saw to prepare for welding or jointing to the newly installed section of running rail. Measure twice, cut once. All saw cuts should be located as follows:
 - 1.7.6.1 Centered between two ties
 - 1.7.6.2 3 feet from an existing thermite weld
 - 1.7.6.3 18 inches from a flash-butt weld
 - 1.7.6.4 4 inches from nearest edge of any bolt holes
- 1.7.7 Gasoline powered abrasive saws/drills will not be used during rail renewal in tunnel sections. Hydraulic or diesel tools are preferred, for safety purposes.
- 1.7.8 If the rail saw binds due to compression, than oxy-acetylene torch cutting can be used. For a torch cut, the rail must be cut back a minimum of 6 inches with an abrasion saw.
- 1.7.9 Running rail will be Thermite welded immediately after installation, time permitting. If time does not permit during the allocated track outage, the rail will be drilled and jointed, then welded as soon as possible during the next outage.
- 1.7.10 Distribute new rail anchors, cut spikes and e-clips as needed.
- 1.7.11 Thread the new CWR stringers into the seats of the existing double shoulder tie plates or Pandrol fastener plates using a speed swing or other mechanized means. Use a broom to sweep the base of the rail clean of all foreign matter and make sure there is no ballast on the tie plates.
- 1.7.12 Rail end mismatch must be minimized after installation, especially in curved track.
 - 1.7.12.1 New running rail will be matched as close as possible with the existing rail to minimize mismatch.
 - 1.7.12.2 Plug rails will be used when necessary to minimize rail mismatch.
 - 1.7.12.3 The maximum allowable mismatch between rails is less than 1/8 inch, which still needs to be ground smooth for transition.
- 1.7.13 New running rail should not be struck with a sledgehammer during installation.
- 1.7.14 Make sure that the rail is properly seated in all the tie plates/fasteners.
- 1.7.15 All e-clips must be installed upon completion of rail renewal. Modified e-clips will be used at rail joints, where applicable.

- 1.7.16 Upon removal of the old running rail, scrap rail will be placed in a safe location in the gauge or on the field side of the track. Scrap rail will be placed in such a manner that it does not damage Automatic Train Control (ATC) equipment or can contact revenue equipment collector shoes.
- 1.7.17 When the rail temperature is within the PRLT range and the thermite welds are scheduled to be completed at the time the new CWR stringers are installed or within 72-hours after the rail is installed, then a 1 inch gap will be left at both ends.
- 1.7.18 If the rail temperature is not within the PRLT range in which the rail will require adjustment, then the new CWR stringers should be laid as follows:
 - 1.7.18.1 The plug gap at the beginning of the stringer is 1-inch as required for the thermite weld.
 - 1.7.18.2 The closing gap at the free end of each stringer laid in sequence is 1-inch as required for the thermite weld plus the adjustment gap.
- 1.7.19 When the rail temperature is not within the PRLT range, use a lining bar to lift the rail at the free (closure) rail end of the stringer to be adjusted out of its tie plates along 4 or 5 ties toward the field side just enough to position the rail end so the rail will bypass the adjacent stringer when the rail is expanded. Once completed, temporarily spike the rail end in place on the wood tie. When the rail temperature is within the PRLT range, then no offsetting of the rail ends is required.
- 1.7.20 If several CWR stringers are installed when the rail temperature is not within the PRLT range, complete the thermite welds connecting each of the stringers or apply temporary joint bars prior to the adjustment process. This approach will provide a single stringer, opposed to several short 390-ft stringers.
- 1.7.21 Elongate the rail to the required expansion length, leaving a one inch gap for the thermite weld.
- 1.7.22 If the actual rail temperature is above 105 F, stop the adjustment process until the rail temperature is within the PRLT range.
- 1.7.23 If cut spike plates are present, holes will be plugged with wood plugs to avoid water penetration of the crosstie. WMATA approved tie plug material (foam) such as "Spike Fast" in all old screw spike holes is an alternative, if plugs are not available.
- 1.7.24 Ensure all e-clips and cut spikes have been reinstalled.
- 1.7.25 E-clips should be driven until a gap of approximately 1/8 inch to 3/8 inch is present between the major loop of the clip and the edge of the clip holder.
- 1.7.26 Where the track was fully box anchored every tie for 200-ft each side of the de-stressing limits, restore the anchoring pattern back to the standard configuration
- 1.7.27 Installed rail will be Thermite welded at both ends.

- 1.7.27.1 If time does not allow, the rail will be temporarily jointed and negative return bonds (c-bonds) installed until the next opportunity to perform Thermite welding, no more than two weeks after installation.
- 1.7.27.2 If running rail needs to be jointed, bolt holes will not be torch cut, but properly drilled.
- 1.7.27.3 Follow manufacturer's instructions for Cadweld kits.
- 1.7.27.4 Rail ends will be ground clean in preparation for negative return bond installation.
- 1.7.27.5 Two negative return bonds will be installed at each rail joint.
- 1.7.28 At the start of Thermite welding, the rail will be set up with alignment beams (A-Frames)
- 1.7.29 Considerations when adjusting the joint to be welded are: gap, horizontal alignment, vertical alignment, and twisting
- 1.7.30 Prior to welding, the rail ends must be crowned, to maintain height as the weld cools.
- 1.7.31 Alignment will be measured on the gauge side of the rail, with no more than .010 inch offset.
- 1.7.32 Inside surface on the gauge side of the railhead and the gauge rail base must be flush.
- 1.7.33 Ensure rail ends are clean and all metal burrs are removed
- 1.7.34 Grind off any rail flow that will prevent the molds from fitting tight against the rail.
- 1.7.35 Preheat rail ends and bottom mold evenly using a propane torch.
- 1.7.36 Follow manufacturer's instructions for Thermite welding kits.
- 1.7.37 Scrap rail stringers will be torch cut into sections smaller than 39 feet for removal.
- 1.7.38 Contractor is responsible to remove scrap rail and other debris associated with the rail renewal from the work zone, and to transport it to the WMATA designated rail yard.
- 1.7.39 Scrap material will be stacked neatly in the rail yard for pickup. Contractor is not responsible to remove scrap material/debris from WMATA property.
- 1.7.40 Running rail renewal will be reported in units (linear feet), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.7.41 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.

1.7.42 Contractor will:

- 1.7.42.1 Remove and install running rail system-wide (Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)
- 1.7.42.2 Provide labor, tools, and equipment to remove and install running rail as directed by WMATA personnel
- 1.7.42.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
- 1.7.42.4 Provide PPE for all contractor personnel
- 1.7.42.5 Properly install 115 RE running rail to WMATA standards
- 1.7.42.6 Ensure PRLT is correct, or take appropriate de-stressing action
- 1.7.42.7 Remove and install e-clips or cut spikes
- 1.7.42.8 Plug holes in wood crossties, when needed
- 1.7.42.9 Box anchor crossties, if needed
- 1.7.42.10 Thermite weld rail ends after installation
- 1.7.42.11 Joint running rail and install c-bonds, if needed
- 1.7.42.12 Perform inspection of completed work with WMATA personnel and sign the appropriate form
- 1.7.42.13 Remove all old running rail, hardware, and debris from the roadway
- 1.7.42.14 Load old running rail, hardware, and debris on a flat car/cart
- 1.7.42.15 Transport to the WMATA designated location and neatly stack all old fasteners within 24 hours for pickup
- 1.7.42.16 Contractor is not responsible for removing used material from WMATA property

1.7.43 WMATA will:

- 1.7.43.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required
- 1.7.43.2 Acquire track access and power outages
- 1.7.43.3 Coordinate the removal and installation of Automatic Train Control (ATC) equipment
- 1.7.43.4 Provide a maximum of one prime mover/flatcar for transport of tools and materials

- 1.7.43.5 Establish work zones and provide/set up safety equipment
- 1.7.43.6 Supply and deliver 115 RE running rail on-site
- 1.7.43.7 Supply e-clips
- 1.7.43.8 Supply Thermite welding kits
- 1.7.43.9 Supply 115 RE joint bars, bolts, and washers, if needed
- 1.7.43.10 Supply negative return bonds, if needed
- 1.7.43.11 Supply Cadweld kits, if needed
- 1.7.43.12 Provide direction and technical expertise compliance with WMATA-1000 standards
- 1.7.43.13 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.8 TRACK GAUGING

- 1.8.1 This section outlines the gauging of track associated with direct fixation fastener or crosstie renewal. Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks
- 1.8.2 This work will occur in a production environment, and the contractor may be required to perform this activity in addition to high volume track rehabilitation activities.
- 1.8.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.8.4 When gauging track in direct fixation:
 - 1.8.4.1 Direct fixation fastener anchor bolt nuts will be loosened with the proper socket to avoid stripping, typically hex-head 1-5/16 inch or 1-7/16 inch sockets.
 - 1.8.4.2 Gauge adjustment will be made using the teeth in the serrated washers. Care must be taken to ensure the serrated washers mesh properly with the fastener.
 - 1.8.4.3 If necessary, the line rail will be adjusted to the proper alignment. In curves, the high rail will be string-lined to the proper radius per the WMATA track chart data and WMATA 1000 standards, in 62 foot chords. If the line rail is correct, only the opposite rail need be adjusted to the proper gauge.
 - 1.8.4.4 The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.

- 1.8.4.5 Care will be taken to blend areas requiring gauge adjustment with new installation. Gauge variation cannot exceed 5/8 inch.
- 1.8.4.6 Anchor bolt nuts will be torqued to 325 foot-pounds.
- 1.8.5 When gauging track in ballasted sections (wood crossties):
 - 1.8.5.1 Use the correct socket to avoid stripping screw spike heads. Lewis Evergrip screw spikes use a rectangular 1-1/8 inch x 7/8-inch rectangular head socket and square screw spike use a standard 1-inch socket.
 - 1.8.5.2 Holes will be plugged properly, using wooden plugs or WMATA approved tie plug material (foam) such as "Spike Fast" is acceptable, as well.
 - 1.8.5.3 If necessary, the line rail will be adjusted to the proper alignment. In curves, the high rail will be string-lined to the proper radius per the WMATA track chart data and WMATA 1000 standards, in 62 foot chords. If the line rail is correct, only the opposite rail need be adjusted to the proper gauge.
 - 1.8.5.4 If possible, replace double shoulder spike plates with Pandrol tie plates/e-clips.
 - 1.8.5.5 Ensure tie plates are canted toward the gauge of the track during placement.
 - 1.8.5.6 Drill screw spike holes into crosstie by inserting the bit through the appropriate tie plate holes.
 - 1.8.5.7 For mainline Pandrol tie plate, three screw spikes will be used in tangent to 2,900 foot radius. Four screw spikes will be used for a curve radius under 2,900 feet. Follow the screw spike pattern outlined in WMATA-1000 Figure 7-4.
 - 1.8.5.8 Torque screw spikes to the manufacturer's specification.
 - 1.8.5.9 The standard gauge for WMATA mainline track is 56-1/4 inches (4 feet 8-1/4 inches) from a curve radius of 1,425 feet to tangent. The gauge for 1,425 feet Radius and less, including special work, is 56-1/2 inches (4 feet 8-1/2 inches). WMATA-1000 Table 11-1 will be referenced for additional gauge measurements.
 - 1.8.5.10 Care will be taken to blend areas requiring gauge adjustment with new installation. Gauge variation cannot exceed 5/8 inch.
- 1.8.6 Track gauging will be reported in units (linear feet), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.
- 1.8.7 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.

1.8.8 Contractor will:

- 1.8.8.1 Gauge track in wood crossties and direct fixation grout pads (Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)
- 1.8.8.2 Provide labor, tools, and equipment to remove and install crossties as directed by WMATA personnel
- 1.8.8.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
- 1.8.8.4 Provide PPE for all contractor personnel
- 1.8.8.5 Properly line and gauge the track to WMATA standards
- 1.8.8.6 Remove and install e-clips
- 1.8.8.7 Remove and install cut spikes
- 1.8.8.8 Plug spike holes
- 1.8.8.9 Loosen and tighten anchor bolt nuts/serrated washers
- 1.8.8.10 Blend work area into existing track
- 1.8.8.11 Perform inspection of completed work with WMATA personnel and sign the appropriate form
- 1.8.8.12 Remove all old e-clips, cut spikes, hardware, and debris from the roadway
- 1.8.8.13 Load old e-clips, cut spikes, hardware, and debris on a flat car/cart
- 1.8.8.14 Transport to the WMATA designated location and neatly stack all old fasteners within 24 hours for pickup
- 1.8.8.15 Contractor is not responsible for removing used material from WMATA property

1.8.9 WMATA will:

- 1.8.9.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required
- 1.8.9.2 Acquire track access and power outages
- 1.8.9.3 Provide a maximum of one prime mover/flatcar for transport of tools and materials
- 1.8.9.4 Establish work zones and provide/set up safety equipment
- 1.8.9.5 Supply e-clips, if needed

- 1.8.9.6 Supply cut spikes, if needed
- 1.8.9.7 Supply tie plates
- 1.8.9.8 Supply wood tie plugs or plug foam
- 1.8.9.9 Provide direction and technical expertise compliance with WMATA-1000 standards
- 1.8.9.10 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.9 CONTACT RAIL PROTECTION COVER REPLACEMENT

- 1.9.1 This section outline the replacement of contact rail (third rail) protection covers (coverboards), including all associated hardware such as brackets and clevis/cotter pins. Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks
- 1.9.2 This work will occur in a production environment, and the contractor may be required to perform this activity in addition to high volume track rehabilitation activities.
- 1.9.3 Contractor will stage equipment and material prior to track outages during regular non-revenue hours as well as the clean-up and punch list work after the outages.
- 1.9.4 Protection cover support brackets must be attached to the contact rail in a way that they hold protection covers securely in place. All clevis/cotter pins will be used.
- 1.9.5 Outer edge of protection cover must clear top of contact rail by at least 3 inches and project beyond the centerline of the contact rail at least 2-7/8 inches, and not more than 3 1/8 inches.
- 1.9.6 Protection cover brackets will not interfere with the placement of contact rail insulators.
- 1.9.7 Type A protection covers have a top and back section (L-shaped) and are typically used in tunnel locations. Type B protection covers have a top section only and are typically used in outdoor locations. WMATA will direct the contractor when to use the various types.
- 1.9.8 For the Type A protection covers, an additional clevis pin is located along the backside of the coverboard which will also need to be removed
- 1.9.9 Install new fiberglass support brackets by attaching the brackets to the base of the contact rail using bracket clamps. Insert the new nuts, bolts, and flat washers and tighten securely. Please note when replacing more than two support brackets these support brackets should be spaced at 5-ft intervals.
- 1.9.10 Measure the required length of the protective covers to be replaced and if this length is less than the standard 10-foot length then cut and drill the mounting holes at one end of the protective cover as required to match the location of the support bracket.

- 1.9.11 Place new coverboards into position by hand while matching the mounting holes between the cover board and the top of support bracket. Maintain a minimum of 1/16" maximum gap between adjacent protective cover boards.
- 1.9.12 Do not span a contact rail expansion joint with a standard coverboard; a standard slotted coverboard must be used over expansion joints.
- 1.9.13 Do not install a coverboard bracket within 6-inches of a contact rail weld. This will prevent any obstruction on the bracket side during contact rail expansion and contraction periods.
- 1.9.14 This protection cover replacement does not include protection covers displaced during crosstie or rail renewal. Those protection covers are included under those specific line items.
- 1.9.15 Verify that the outer edge of protection cover clears the top of contact rail by at least 3 inches and project beyond the centerline of the contact rail at least 2-7/8 inches and not more than 3-1/8 inches.
- 1.9.16 Any debris remaining from protection cover replacement will be cleaned and loaded on a flat car/cart for removal from the roadway.
- 1.9.17 All protection cover replacement will comply with WMATA-1000 standards and WMATA work instructions.
- 1.9.18 Contact rail protection covers will be reported in units (linear feet), and quantities entered in the daily work report at the end of each shift.
- 1.9.19 The above information is to be used a guide for the contractor, but does not address every situation that may be encountered during fastener renewal. Any uncertainties will be directed to the WMATA RWIC/Gang Leader and resolved using WMATA standards and design criteria.
- 1.9.20 Contractor will:
 - 1.9.20.1 Remove and install contact rail protection covers/brackets system-wide (Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)
 - 1.9.20.2 Provide labor, tools, and equipment to remove and install contact rail protection covers/brackets as directed by WMATA personnel
 - 1.9.20.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
 - 1.9.20.4 Provide PPE for all contractor personnel
 - 1.9.20.5 Remove and install contact rail protection cover hardware
 - 1.9.20.6 Blend new installation into existing contact rail protection covers
 - 1.9.20.7 Perform inspection of completed work with WMATA personnel and sign the appropriate form

- 1.9.20.8 Remove all old protection covers, brackets, hardware and debris from the roadway
- 1.9.20.9 Load old protection covers, brackets, hardware and debris on a flat car/cart
- 1.9.20.10 Transport to the WMATA designated location and neatly stack all old protection covers, brackets, hardware and debris within 24 hours for pickup
- 1.9.20.11 Contractor is not responsible for removing used material from WMATA property

1.9.21 WMATA will:

- 1.9.21.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required
- 1.9.21.2 Acquire track access and power outages
- 1.9.21.3 Provide a maximum of one prime mover/flatcar for transport of tools and materials
- 1.9.21.4 Establish work zones and provide/set up safety equipment
- 1.9.21.5 Supply contact rail protection covers
- 1.9.21.6 Supply protection cover brackets
- 1.9.21.7 Supply clevis pins and cotter pins
- 1.9.21.8 Provide direction and technical expertise compliance with WMATA-1000 standards
- 1.9.21.9 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.10 ROADWAY CLEANUP

- 1.10.1 This section outlines the cleanup of scrap materials associated with track rehabilitation activities.
- 1.10.2 This work will occur in a production environment, and the contractor may be required to perform this activity in addition to high volume track rehabilitation activities.
- 1.10.3 This activity does not include the scrap materials associated with the contractor fastener replacement, anchor bolt replacement, crosstie renewal, insulator renewal, rail renewal, contact rail protection cover replacement, or track gauging. These materials are to be removed by the contractor as part of the unit cost.
- 1.10.4 Contractor will remove scrap material from the roadway per the direction of the WMATA RWIC/Gang Leader.
- 1.10.5 Scrap material will be loaded on a flat car or card and transported to the storage yard per the direction of the WMATA RWIC/Gang Leader.

1.10.6 Track cleaning will be reported in units (linear feet), and quantities clearly entered in the daily work report at the end of each shift, signed by WMATA and the contractor.

1.10.7 Contractor will:

1.10.7.1 Perform roadway cleanup of scrap track materials and debris system-wide (Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)

1.10.7.2 Provide labor, tools, and equipment to perform roadway cleanup as directed by WMATA personnel

1.10.7.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility

1.10.7.4 Remove all scrap track materials and debris from the roadway

1.10.7.5 Load old scrap track materials and debris on a flat car/cart

1.10.7.6 Transport to the WMATA designated location and neatly pile all old track materials/debris within 24 hours for pickup

1.10.7.7 Contractor is not responsible for removing scrap and debris from WMATA property

1.10.8 WMATA will:

1.10.8.1 Provide escorts, operators/pilots, watchmen, and flag persons, as required

1.10.8.2 Acquire track access and power outages

1.10.8.3 Provide a maximum of one prime mover/flatcar for support

1.10.8.4 Establish work zones and provide/set up safety equipment

1.10.8.5 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.11 TRACK LABOR SUPPORT

1.11.1 This section outlines the use of Contractor track labor associated with track rehabilitation activities.

1.11.2 This work will occur in a production environment, and the Contractor may be required to perform this activity in addition to high volume track rehabilitation activities.

1.11.3 Work will be in support of capital track rehabilitation activities that are not included in specific contract line items.

1.11.4 Track Labor Support will be reported as Contractor straight time/overtime hours, per job classification (Gang Foreman, Equipment Operator, Track Laborer, and Track Supervisor), with quantities entered in the daily work report at the end of each shift. Overtime will be only granted when a straight time shift needs to continue essential work, and must be pre-approved by the WMATA manager on duty.

1.11.5 Contractor will:

- 1.11.5.1 Perform track labor system-wide (Locations to include mainline ballasted track, tunnels, aerial structures, at-grade direct fixation construction, yard leads, and yard tracks)
- 1.11.5.2 Provide labor, tools, and equipment for track labor as directed by WMATA personnel
- 1.11.5.3 Provide sufficient portable lighting and WMATA RWP compliant flashlights (minimum 65 lumens) to ensure workers have adequate visibility
- 1.11.5.4 Provide PPE for all contractor personnel
- 1.11.5.5 Perform track labor to WMATA standards
- 1.11.5.6 Blend new installation into existing track
- 1.11.5.7 Perform inspection of completed work with WMATA personnel and sign the appropriate form
- 1.11.5.8 Remove all associated debris from the roadway
- 1.11.5.9 Load all associated debris on a flat car/cart
- 1.11.5.10 Transport to the WMATA designated location and neatly stack all debris within 24 hours for pickup
- 1.11.5.11 Contractor is not responsible for removing used material from WMATA property

1.11.6 WMATA will:

- 1.11.6.1 Provide escorts, operators, watchmen, and flagmen, as required
- 1.11.6.2 Acquire track access and power outages
- 1.11.6.3 Provide a maximum of one prime mover/flatcar for transport of tools and materials
- 1.11.6.4 Establish work zones and provide/set up safety equipment
- 1.11.6.5 Provide direction and technical expertise compliance with WMATA-1000 standards

- 1.11.6.6 Perform inspection of completed work with WMATA personnel and sign the appropriate form

1.12 WORK LOCATIONS

- 1.12.1 The work to be completed under this contract will occur throughout the WMATA mainline and yard tracks in Virginia, Maryland, and the District of Columbia. Work will occur in at-grade ballasted/direct fixation track, ballasted deck bridges, tunnels, aerial structures, yard leads, and rail yards.
- 1.12.2 Contractor work will be performed at any of the designated WMATA sites and may occur concurrently at various sites.
- 1.12.3 Activity locations to be coordinated between the contractor and respective Track Division, and conveyed to the Project Manager/Contract Officer's Technical Representative (COTR) two weeks in advance, except for emergencies/urgent situations.

1.13 SCHEDULE/WORK HOURS

- 1.13.1 Activity schedule is to be coordinated between the contractor and respective Track Division, and conveyed to the Project Manager/Contract Officer's Technical Representative (COTR) two weeks in advance, excluding emergencies/urgent situations.
- 1.13.2 Work shifts for this contract include night and day tours.
- 1.13.3 Night Tour:
 - 1.13.3.1 Due to WMATA system closing after revenue service, much of the work occurs during night shift.
 - 1.13.3.2 Typically, night shift starts at 10:00 pm (2200 hrs) and ends at 6:00 am (0600 hrs), though crews may be required to report earlier for 10:00 pm early out single tracking.
 - 1.13.3.3 During weekend and weekday continuous work outages, night shift starts at 6:00 pm (1800 hrs) and ends at 6:00 am.
 - 1.13.3.4 Crews typically report on-site, to the nearest rail yard, or any system-wide location, as directed by WMATA.
- 1.13.4 Day Tour:
 - 1.13.4.1 Typically, day shift work occurs during weekend and weekday continuous work outages, starting at 6:00 am (0600 hrs) and ending at 6:00 pm (1800 hrs), though shifts may be adjusted to accommodate the work plan.
 - 1.13.4.2 Occasionally, weekday day shift work is available, and with a tour starting 7:00 am (0700 hrs) and ending 3:00 pm (1500 hrs), though shifts may be adjusted to accommodate the work plan.

1.13.4.3 Crews typically report on-site, to the nearest rail yard, or any system-wide location, as directed by WMATA.

1.13.5 All Shifts: If after the work crews have reported and WMATA cannot provide access to the designated work location, WMATA also may elect to move the crews to a different location that night.

1.13.6 If the contractor work crew arrives and WMATA cannot provide access to the designated work location, WMATA may elect to dismiss the work crew if moving the crews to another location is not possible, as decided by the WMATA field representative. In this situation, WMATA will only pay two (2) hours of show-up time for each contractor personnel in attendance. A daily work report and sign-in sheet, signed by the Contractor and WMATA will be required as documentation.

1.14 CONTRACTOR REQUIREMENTS AND RESPONSIBILITIES

1.14.1 Labor and equipment:

1.14.1.1 All labor and equipment required for this procurement will be the responsibility of the contractor.

1.14.1.2 All contractor self-propelled rail equipment, referred to as Roadway Maintenance Machines (RMMs) must be inspected by WMATA before initial use in the rail system. Equipment must also pass through a template to ensure proper clearance in the dynamic envelope. WMATA will determine the Metrorail system location for inspection. See Drawing DD-C-001 for clearances.

1.14.1.3 RMMs that have passed will receive an inspection sticker good for six months. Upon expiration, equipment must be inspected again.

1.14.1.4 All RMMs rail equipment must use diesel fuel and have proper lighting for night work.

1.14.1.5 For emergency towing, RMMs must have at least one tow eye of 2-1/16 inch diameter at the end of each vehicle, located 14 inches from the top of the rail center line of the track.

1.14.1.6 Hi-rail equipment must be able to mount/dismount the track at a 32-foot long grade crossing within five minutes.

1.14.2 Safety:

- 1.14.2.1 All personnel are required to wear proper Personal Protective Equipment (PPE) including hard hats, eye protection, Orange ANSI Class 3 safety vests or approved ANSI Class 3 safety shirts, and safety toe boots, at all times. Hearing protection is strongly recommended where practicable. During each shift, one TRST employee will be designated as RWIC or Gang Leader, and will maintain direct communication with Rail Operations Central Control (ROCC) or Mobile Command Operations (MCO). Only employees with proper identification will be allowed into the work limits. Job safety briefings will be conducted at the beginning of each shift, and all employees are required to participate. During all work activities, necessary safety measures (procedural and physical) will be in place and must be adhered to at all times.
- 1.14.2.2 The contractor will have a safety liaison to coordinate with WMATA regarding safety issues, and enforce standard safety practices for contractor personnel.
- 1.14.2.3 All contractors must have appropriate Roadway Worker Protection (RWP) Level I training and must be escorted by WMATA personnel while on the property.
- 1.14.2.4 Contractor personnel and equipment must be clear of mainline tracks before the WMATA designated time to avoid interference with revenue service. The contractor work zone must be prepared to allow the safe movement of trains. No late clearing or unsafe conditions will be tolerated, and non-compliance may cause the contractor to be disqualified from future bids.
- 1.14.2.5 As the contractor will perform Department of Transportation (DOT)/Federal Transit Administration (FTA) safety-sensitive work, a drug and alcohol testing program for contractor personnel is required in compliance with 49 CFR Parts 40 and 655. Testing, training, and records management will be required, and may be subject to WMATA audits.

1.14.3 Coordination:

- 1.14.3.1 The WMATA project team and the contractor will hold monthly meetings to discuss project status, coordination issues, billing or payment concerns, etc. Additional meetings may be held, as needed.
- 1.14.3.2 The contractor will provide a project team organization chart and contact information to the WMATA project manager after the award of the contract.

1.15 LICENSES AND INSURANCE

- 1.15.1 The contractor will be required to obtain Railroad Protective Liability Insurance.
- 1.15.2 Motor vehicle operators must have the appropriate licenses to carry out all necessary duties (Class A, B, or C driver's licenses and DOT required endorsements).
- 1.15.3 The Contractor will be required to secure any permits required by the District of Columbia, State of Maryland or Virginia to transport oversize loads to WMATA property.

- 1.15.4 Hi-rail equipment is required to have a current Federal Railroad Administration inspection.
- 1.15.5 Proof of permits and requirements will be the responsibility of the contractor, including any waivers of such permits and requirements.
- 1.15.6 Throughout the contract term, contractor shall be responsible for procuring and maintaining valid licenses, registration, and safety inspections certificates, as appropriate.

1.16 TRAINING/QUALIFICATION

- 1.16.1 Prior to working on WMATA property, all contractor personnel will be required to pass a one day Roadway Worker Protection (RWP) training course, held at a WMATA facility. All contractors must undergo a background check before attending the Roadway Worker Protection training class. The Contractor must have a WMATA access pass in his or her possession at **ALL** times while on WMATA property.
- 1.16.2 It is the responsibility of the contractor to coordinate RWP training with the WMATA project manager. The contractor will not contact the WMATA Department of Safety (SAFE) directly.
- 1.16.3 The Contractor will maintain records of employee WMATA RWP training and will submit the proper background check/identification card documents one month prior to expiration.
- 1.16.4 Any Contractor personnel that do not pass the background check will be unable to work on WMATA property. Contractor personnel that does not pass the background check must reach out to their employer for information, and not contact WMATA directly.
- 1.16.5 All Contractor personnel must have a WMATA issued ID card in his/her possession at all times while on WMATA property.

1.17 SITE VISIT

- 1.17.1 Contractor designated Project manager or supervisor involved shall schedule a site visit with a WMATA Supervisor or Manager to assess the condition for access, lighting, cleanliness conditions and staging prior to start of each activity.
- 1.17.2 WMATA personnel will be permitted to inspect contractor work at any time.

1.18 DOCUMENTATION

- 1.18.1 The Contractor will maintain accurate and detailed Daily Work Reports (DWRs) for all activities performed, which will be signed by both the contractor and WMATA personnel.

1.19 INSPECTION AND ACCEPTANCE

- 1.19.1 WMATA personnel and the contractor representative will sign a daily quality control report. WMATA personnel will inspect all work performed prior to the Contractor leaving the work site location to identify punchlist items. Quality Control inspection will verify:
 - 1.19.1.1 All track components installed by the contractor meet WMATA track standards, including proper gauge, spacing, surface, cross-level, and alignment.

- 1.19.1.2 All track component hardware has been properly installed, secured, and torqued to WMATA standards, allowing for the unobstructed passage of revenue service.
- 1.19.1.3 Any contact rail protection covers removed by the Contractor during the activity have been replaced.
- 1.19.1.4 Any unused material has been loaded for transport to the storage yard or safely stored outside the dynamic envelope to allow unobstructed passage of revenue service for removal within one week of the end of the activity.
- 1.19.1.5 All scrap material has been loaded for transport to the rail yard or safely stored outside the dynamic envelope for removal within three (3) days of the completed activity.
- 1.19.1.6 All tools/small equipment have been cleared of the dynamic envelope or transported from the work zone.
- 1.19.1.7 General housekeeping has been performed, removing any obstructions or safety hazards.
- 1.19.2.8. WMATA will perform Quality Control (QC) inspections at its discretion after Contractor work is complete, and complete a QC report. If any quality issues are discovered, the Contractor will be notified immediately. The Contractor will be required to sign the QC report and remedy the problem, without charge to WMATA, within thirty (30) days. If WMATA determines the quality issue creates an immediate safety hazard, it will be remedied within twenty four (24) hours, with no charge to WMATA.

1.20 DELAY CLAIMS

- 1.20.1 The possibility exists that Contractor work may be impeded, or that interruption of the work may occur, at WMATA's discretion. This may include, but not limited to, WMATA operational functions and emergencies. It is the intent of this clause is to ease the administration of delays caused by WMATA operational functions or emergencies.
- 1.20.2 Allowable time extension to the contract for delays caused by WMATA operational functions or emergencies shall be determined as follows:
 - 1.20.2.1 There shall be no allowable time extension or equitable adjustment for any delay from Authority operational functions or and emergencies causing work stoppage for less than two (2) hours.

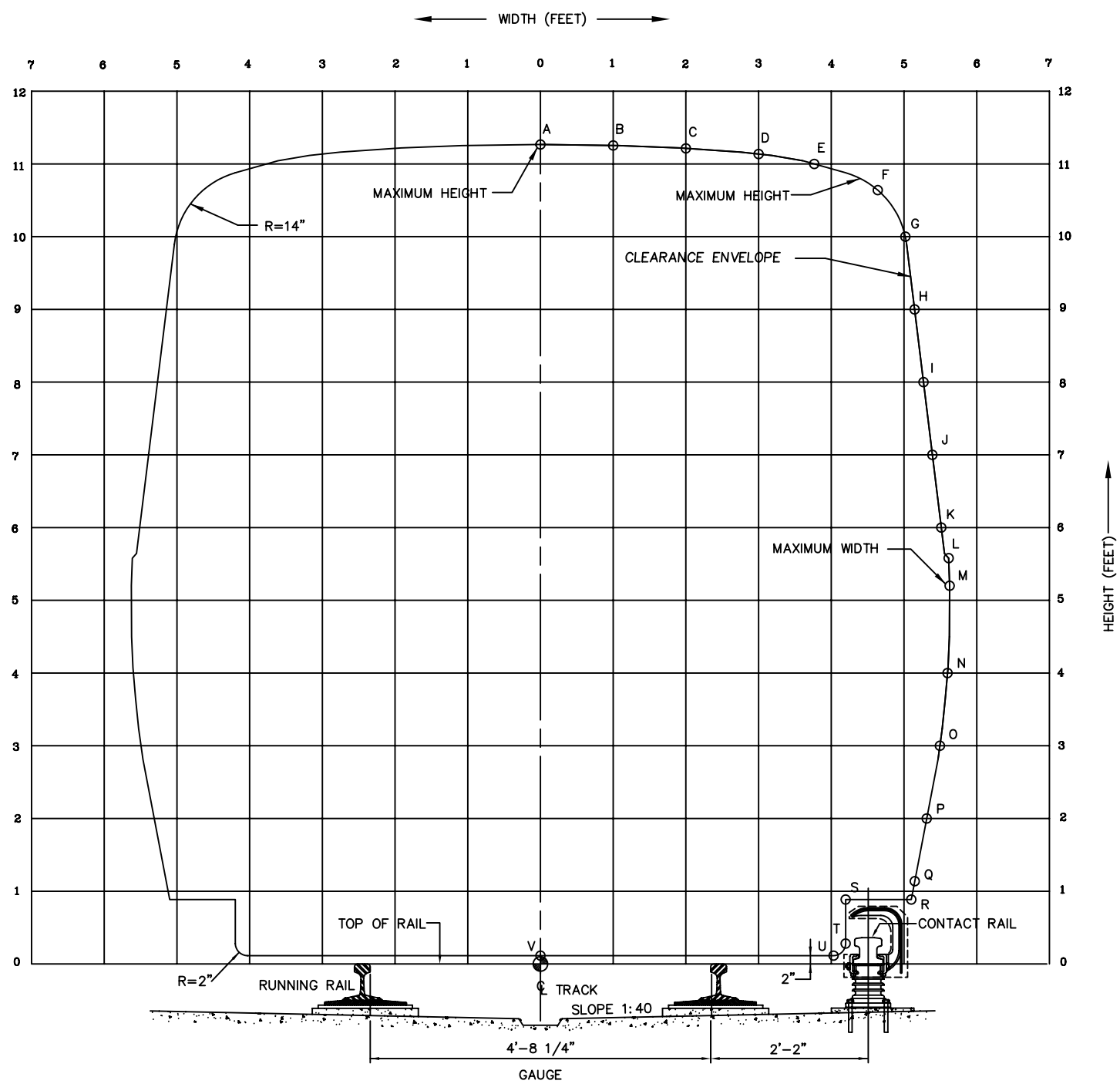
- 1.20.2.2 The Contractor shall immediately notify the Contracting Officer's Technical Representative (COTR) or designee of any delay from WMATA operational functions or emergencies causing work stoppage of two (2) hours or more. Any delay from WMATA's operational functions or emergencies not brought to the COTR or designee's attention within twenty four (24) hours of the delay, will not be recognized.
- 1.20.2.3 If the Contractor and COTR agree that the completion of the work, has been delayed due to unforeseen circumstances, resulting from something outside of the control, of the parties, such as "superior force" or "force majeure", and no alternative work location is available, it will count as a paid delay per contract documents.
- 1.20.2.4 The Contractor will submit to the COTR on a weekly basis a report of recognized delays occurring during the previous week, as a precondition to the Authority considering any claim for delays from Authority's operations and emergencies.
- 1.20.2.5 Upon the Contractor submitting a claim for delays from Authority's operations and emergencies, the COTR shall grant a non-compensable time extension of one day for any working day in which the contractor accumulates sixty (60) or more minutes of timely submitted recognized delays, unless granting the time extension would result in providing the contractor with more than a one day time extension relating to any working day. Simultaneously, the COTR shall respond to the contractor's claim, if any, for costs associated with any working day in which the contractor accumulates sixty (60) or more minutes of timely submitted recognized delays.
- 1.20.2.6 Track outages may be cancelled or shortened without prior notification.
- 1.20.2.7 Installation quantities and work limits are subject to change, depending upon scheduling needs.
- 1.20.2.8 WMATA supplied equipment may be cancelled at any time to respond to emergency situations.
- 1.20.2.9 Contractor expressly agrees that if delayed from performing its work, its sole and exclusive remedy shall be a reasonable extension of time, as calculated by WMATA, provided that the Contractor makes written request for such time. The Contractor will not be entitled to claim monetary damages from WMATA for such a delay, under any circumstances.
- 1.20.2.10 Excusable delays result from a force majeure, which is something outside of the control of the parties. The contractors will be granted an extension of time for excusable delays. Excusable delays are further divided into those that are compensable, and those that are not. Causes for delay must be adequately identified as either excusable or compensable, rather than be left open for later debate. WMATA and the Contractor will identify a detailed catalogue of anticipated delay events.

1.21 PAYMENT TERMS

- 1.21.1 The monthly payment will be processed using the actual quantities completed, including direct fixation fasteners, fastener anchor bolts, grout pads, crossties, contact rail insulators, running rail, track gauging, contact rail protection covers, roadway cleanup, and track labor support, verified by both WMATA and the Contractor personnel each month.
- 1.21.2 The contractor is required to prepare monthly invoices reflecting the verified quantity and submit accordingly. WMATA's payment terms are Net 30
- 1.21.3 If corrections are required, the Contractor will revise the invoice and resubmit to WMATA, with the invoice date updated to reflect the time of submission.

1.22 WARRANTY

- 1.22.0 There will be a (1) one-year warranty on all workmanship.



COORDINATES		
POINT	WIDTH	HEIGHT
A	0.000	11.267
B	1.000	11.252
C	2.000	11.213
D	3.000	11.136
E	3.761	11.000
F	4.638	10.638
G	5.018	10.000
H	5.148	9.000
I	5.268	8.000
J	5.388	7.000
K	5.511	6.000
L	5.616	5.580
M	5.627	5.200
N	5.593	4.000
O	5.498	3.000
P	5.316	2.000
Q	5.149	1.138
R	5.100	0.885
S	4.198	0.885
T	4.198	0.281
U	4.031	0.167
V	0.000	0.167

- NOTES:
1. THIS DIAGRAM IS TO BE USED TO VERIFY CLEARANCES TO WAYSIDE FACILITIES AND UNDERCAR FIXTURES. FOR EXAMPLE, FIRELINES, SPECIAL TRACK HARDWARE AND SAFETY WALKS.
 2. THIS DIAGRAM DOES NOT APPLY TO PLATFORMS AND MAJOR STRUCTURAL ELEMENTS, SUCH AS TUNNEL WALLS AND CEILINGS, RETAINING WALLS, AND PIERS. USE THE MANUAL OF DESIGN CRITERIA.
 3. THIS DIAGRAM IS DIRECTLY APPLICABLE ONLY FOR LEVEL, TANGENT TRACK. USE THE MANUAL OF DESIGN CRITERIA TO COMPENSATE FOR HORIZONTAL CURVATURE, TRACK SUPERELEVATION, AND MOVEMENT THROUGH TURNOUTS AND CROSSOVERS.
 4. THIS DIAGRAM AND DIMENSIONS ARE BASED ON THE FOLLOWING:
 - a. CAR BODY – THE CLEARANCE CAR FEELER OUTLINE, OR CLEARANCE ENVELOPE. THIS IS THE MAXIMUM POSSIBLE DYNAMIC OUTLINE PLUS AN ADDITIONAL ALLOWANCE OF 2 INCHES.
 - b. UNDERCAR – THE LOWEST POINT OF THE VEHICLE MINIMUM PROJECTED CLEARANCE. THIS IS DEFINED BY THE COLLECTOR PEDESTAL ASSEMBLY OF THE UNDERCARRIAGE. THESE CLEARANCES ARE DEFINED BY THE CLEARANCE ENVELOPE AND SHOULD ALSO ALLOW FOR AN ADDITIONAL 1/2 INCH AVERAGE PERMISSIBLE TOP RAIL WEAR.
 - c. CONTACT RAIL – THE RAIL CAR MAXIMUM POSSIBLE DYNAMIC OUTLINE FOR LOWER CAR BODY APPENDAGES.

DESIGNED _____ DATE _____ DRAWN <u>A. DAVIS</u> 5-06 DATE CHECKED <u>L.R. PADGETT</u> 5-06 DATE APPROVED <u>C. MYERS</u> 6-06 DATE	REFERENCE DRAWINGS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>NUMBER</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	NUMBER	DESCRIPTION							REVISIONS <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>06/2007</td> <td>ENGA</td> <td>REVISED AND ISSUED BY THE AUTHORITY</td> </tr> <tr> <td>08/2007</td> <td>CENF</td> <td>UPDATED NOTE #4.A</td> </tr> <tr> <td>08/2007</td> <td>ENSS</td> <td>CLARIFIED UNDERCAR CLEARANCE ENVELOPE (SEE NOTE 4.b.)</td> </tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	DATE	BY	DESCRIPTION	06/2007	ENGA	REVISED AND ISSUED BY THE AUTHORITY	08/2007	CENF	UPDATED NOTE #4.A	08/2007	ENSS	CLARIFIED UNDERCAR CLEARANCE ENVELOPE (SEE NOTE 4.b.)							WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY OFFICE OF ENGINEERING SUPPORT SERVICES SUBMITTED <u>L.R. Padgett</u> 10/2007 DATE APPROVED <u>[Signature]</u> 10/2007 DATE	CIVIL DESIGN DRAWING WMATA RAPID TRANSIT CAR CLEARANCE ENVELOPE SCALE NOT TO SCALE DRAWING NO. DD-C-001
NUMBER	DESCRIPTION																													
DATE	BY	DESCRIPTION																												
06/2007	ENGA	REVISED AND ISSUED BY THE AUTHORITY																												
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GLOSSARY

ANSI: American National Standards Institute

COTR: Contracting Officer's Technical Representative

Dynamic Envelope: The clearance required for rail traffic to safely travel without obstruction.

Gang Leader: A RWIC qualified employee who leads a work gang within the work limits but is subordinate to the RWIC.

Hi-Rail Vehicle: A vehicle with retractable flanged wheels that can be used on the road or rails.

Mainline Track: Track segments used in transporting passengers.

Mobile Command Operations (MCO): Designated as RWIC for major track outages, such as shutdowns or continuous single tracking.

Rail Operations Control Center (ROCC): The center designated to control the movement of trains.

Roadway: WMATA determined sections of track and right-of-way that require permission from ROCC or the RWIC for entry.

Roadway Job Safety Briefing: WMATA provided briefing covering all safety aspects of the working environment, the duties involved, and the defined working limits on the roadway.

Roadway Maintenance Machine (RMM): Self-propelled work equipment used on-track during track outages.

Roadway Worker: Any employee or contractor with potential to foul the roadway while performing his/her duties.

Roadway Worker in Charge (RWIC): A qualified employee responsible for the roadway safety of all workers and work gangs within their responsibility.

Roadway Worker Protection (RWP) Training: RWP Level 1 training is for all employees, contractors or visitors who require access to the roadway with an escort/RWIC.

Roadway Flag Person: A qualified person designated by the RWIC to direct or restrict the movement of trains/equipment.

RWP: Roadway Worker Protection

TRST: Office of Track and Structures

Watchman/Lookout: A qualified employee who provides warning to roadway workers of approaching trains or track equipment.

APPENDIX B

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
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ATTACHMENT A

***NOTICE OF REQUIREMENTS
FOR
DISADVANTAGED BUSINESS ENTERPRISE (DBE)***

May 2015

~Applies only if proposal price is \$500,000 or more for a construction contract or \$100,000 or more for a supply and service contract.

~APPENDIX B~

DISADVANTAGED BUSINESS ENTERPRISE (DBE)

1. DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENT:

- a. The DBE requirements of the Authority's DBE Program Plan apply to this contract. Accordingly, the Contractor shall carry out the requirements of the Authority's DBE Program Plan and this Appendix in the award and administration of this U.S. Department of Transportation (US DOT) assisted contract.

2. POLICY:

- a. It is the policy of the Authority (WMATA), the Federal Transit Administration (FTA) and the US DOT that Disadvantaged Business Enterprises (DBEs) shall compete fairly to receive and participate in performing federally assisted contracts, including contracts and subcontracts at any tier. It is further the policy of the Authority, the FTA and the US DOT that its prime contractors establish procedures to ensure the timely payment of amounts due pursuant to the terms of their subcontracts. The Contractor hereby agrees to carry out this policy in the award and administration of subcontracts to the fullest extent possible consistent with efficient Contract performance.

3. CONTRACT GOAL:

- a. If the offeror is not a DBE, the bidder agrees that the DBE goal for this Contract shall be met by subcontractors or by joint ventures with DBEs. The goal set forth for this Contract is **15_**% of the final Contract price, including amendment and modification. The amount of DBE participation will be determined by the dollar value of the work performed and/or supplies furnished by DBE firms as compared to the total value of all work performed and/or supplies furnished under this Contract. The Contractor shall have met this goal if the Contractor's DBE participation meets or exceeds this goal.
- b. In cases where work is added to the Contract by modification such that additional DBE participation is necessary to meet this goal, the Contractor shall increase the participation of one or more firms listed on the "Schedule of DBE Participation" or submit additional DBE certified firms to meet the goal. In cases where work is deleted from the Contract, the goal shall be applicable to the new Contract amount. The Contractor shall be permitted to meet the goal by revising its DBE participation, provided, however, that the revision shall not result in DBE participation that is less than the original goal.

4. DEFINITIONS:

- a. **Appendix B.** The Notice of Requirements for Disadvantaged Business Enterprise, which when attached to a solicitation, implements the DBE requirements of the Authority's DBE Program Plan in the award and administration of federally funded Authority contracts.

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- b. **Certified DBE.** means a for-profit small business concern (a) that is at least fifty one percent (51%) owned by one 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 or more such individuals; (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it; and (c) whose eligibility is evidenced by a current WMATA Certification letter, a D.C. Department of Transportation Certification letter, or a certification letter issued by the Metropolitan Washington Unified Certification Program (MWUCP).
- c. **Contractor.** One who participates, through a contract or subcontract (at any tier), in a US DOT assisted highway, transit or airport program.
- d. **D.C. DOT.** The District of Columbia Department of Transportation.
- f. **Good Faith Efforts.** Efforts to achieve a DBE goal or other requirements of the Authority's DBE Program Plan which by their scope, intensity, and appropriateness to the objective, can reasonably be expected to fulfill the goal program requirement.
- g. **Joint Venture.** An association of a DBE firm and one or more other firms to carry out a single, for-profit business enterprise, for which the parties combine their property, capital, efforts, skills and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the contract and shares in the capital contribution, control, management, risks, and profits of the joint venture commensurate with its ownership interest.
- h. **Metropolitan Washington Unified Certification Program (MWUCP).** A unified certification program mandated by 49 C.F.R. §26.81 between two Federal transit recipients (WMATA and the D.C. Department of Transportation). The agreement became effective January 2005.
- i. **Pre-certification.** A requirement under 49 C.F.R. §26.81(c) that all certifications by the MWUCP be made final before the due date for bids or offers on a contract on which a firm seeks to participate as a DBE.
- j. **Race-conscious.** A measure or program that is focused specifically on assisting only DBEs, including women-owned DBEs.
- k. **Race-neutral.** A measure or program that is, or can be, used to assist all small businesses. For the purposes of the DBE program, race-neutral includes gender-neutrality.
- l. **Small Business Concern.** With respect to firms seeking to participate as DBEs in US DOT assisted contracts, a small business concern as defined pursuant to Section 3 of the Small Business Act and Small Business Administration implementing regulations (13 C.F.R. Part 121) that also does not exceed the cap on average annual gross receipts specified in 49 CFR § 26.65(b).
- m. **Socially and Economically Disadvantaged Individual.** Any individual who is a citizen (or other lawfully admitted permanent resident) of the United States and who the Authority finds to be a socially and economically disadvantaged individual on a case-by-case basis, and any individual in the following groups, members of which are rebuttably presumed to be socially and economically disadvantaged.

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- (1) Black Americans, which includes persons having origins in any of the Black racial groups of Africa;
 - (2) Hispanic Americans, which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race;
 - (3) Native Americans, which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;
 - (4) Asian-Pacific Americans, which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Vietnam, Laos, Cambodia (Kampuchea), Thailand, Malaysia, Indonesia, the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific Islands (Republic of Palau), the Commonwealth of the North Marianas Islands, Macao, Fiji, Tonga, Kiribati, Juvalu, Nauru, Federated States of Micronesia, or Hong Kong;
 - (5) Subcontinent Asian Americans, which includes persons whose origins are from India, Pakistan, Bangladesh, Bhutan, the Maldives Islands, Nepal or Sri Lanka;
 - (6) Women; and
 - (7) Any additional groups whose members are designated as socially and economically disadvantaged by the SBA, at such time as the SBA designation becomes effective.
- n. US DOT Assisted Contract. Any contract between the Authority and a contractor (at any tier) funded in whole or in part with U.S. DOT financial assistance, including letters of credit or loan guarantees.
- o. Unified Certification Program (UCP). The program mandated by 49 C.F.R. § 26.81(a), which requires all U. S. DOT recipients of Federal financial assistance to participate in a statewide certification program by March 2002.
- p. WMATA. Washington Metropolitan Area Transit Authority, the transit system (rail and bus) serving the metropolitan Washington area, including parts of Virginia and Maryland.

5. HOW DBE PARTICIPATION IS COUNTED TOWARDS THE CONTRACT GOAL:

DBE participation shall be counted towards meeting the DBE goal in accordance with the following:

- A. When a DBE participates in a contract, only the value of the work actually performed by the DBE is counted towards the DBE goal.
- (1) This amount includes the entire amount of that portion of a construction contract that is performed by the DBE's own forces. This amount includes the cost of supplies and materials obtained by the DBE for the work of the contract, including supplies purchased or equipment leased by the DBE

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(except supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate).

- (2) This amount includes the entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of the contract, towards the DBE goal, provided the fee is reasonable and not excessive as compared with fees customarily allowed for similar services.
 - (3) When a DBE subcontracts part of its work under the contract to another firm, the value of the subcontract work may be counted towards the DBE goal only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count towards the DBE goal.
- B. When a DBE performs as a participant in a joint venture, the portion of the total dollar value of the contract equal to the distinct, clearly defined portion of the work of the contract that a DBE performs with its own forces towards the DBE goal may be counted.
- C. Expenditures to a DBE contractor towards the DBE goal may be counted only if the DBE is performing a commercially useful function on that contract.
- (1) A DBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, the Authority will consider the amount of work subcontracted, industry practices, whether the amount the firm is to be paid under the contract is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.
 - (2) A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of DBE participation.
 - (3) If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or if the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work, the Authority will presume that the DBE is not performing a commercially useful function.
- D. The following factors will be used by the Authority in determining whether a DBE trucking company is performing a commercial useful function:
- (1) The DBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible for on a particular

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contract, and there cannot be a contrived arrangement for the purpose of meeting the DBE goal.

- (2) The DBE must itself own and operate at least one fully licensed, insured and operational truck used on the contract.
- (3) The DBE receives credit for the total value of the transportation services it provides on the contract using trucks it owns, insures, and operates using drivers, it employs.
- (4) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the contract.
- (5) The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The DBE does not receive credit for the total value of the transportation services provided by the lessee, since these services are not provided by a DBE.
- (6) The lease must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for others during the terms of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

E. The following factors will be used to count expenditures with DBEs for materials or supplies towards the DBE goal:

- (1) If the materials or supplies are obtained from a DBE manufacturer, 100 percent of the cost of the materials or supplies will be counted towards the DBE goal. A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the contract and of the general character described by the contract.
- (2) If the materials or supplies are purchased from a DBE regular dealer, 60 percent of the cost of the materials or supplies will be counted towards the DBE goal. A regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described and required under the contract are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone or asphalt without owning, operating, or maintaining a place of business as provided in this paragraph if this person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by long-term lease agreement and not on an ad hoc or contract-by-contract

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basis. Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers within the meaning of this paragraph.

- (3) With respect to materials or supplies purchased from a DBE which is neither a manufacturer nor a regular dealer, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials and supplies required on a job site, may be counted towards the DBE goal, provided the fees are reasonable and are not excessive as compared with fees customarily allowed for similar services. The cost of the materials and supplies themselves may not be counted towards the DBE goal.

- F. All DBE firms must be pre-certified. Participation by a firm that is not currently certified as a DBE by the Authority at the time of the due date for bids or offers on a contract, does not count towards the DBE goal. All DBE firms must be in compliance with 49 CFR, Part 26.

- G. The dollar value of work performed under the contract by a firm who has been decertified as a DBE by the MWUCP does not count towards the DBE goal.

- H. The participation of a DBE subcontractor does not count towards the Contractor's DBE goal until the amount being counted towards the goal has been paid to the DBE.

6. OFFERS AND REQUIREMENTS (WITH THE OFFER):

The offeror shall submit the following with its offer. Any offeror who fails to complete and return this information with its offer shall be deemed to be not responsive and may be ineligible for Contract award. Offerors that fail to meet the DBE goal above and fail to demonstrate "good faith efforts" to justify waiver of the DBE goal (See paragraph 6.C. below) shall be deemed to be not responsible and will be ineligible for Contract award.

- A. Completed "Schedule of DBE Participation" (Attachment B-1) sufficient to meet the above goal. If the offeror is a DBE firm and intends to satisfy the appropriate DBE requirement with its own firm, it must indicate in the Schedule the area of work and percentage it will perform to satisfy the goal. All offerors must attach current WMATA, DC DOT or MWUCP certification letters for each DBE listed on the Schedule.

- B. Executed "Letters of Intent to Perform as a Subcontractor/Joint Venture" (Attachment B-2). If the offeror is not a DBE or intends to satisfy the requirements through other DBE firms, then it must attach these letters from each certified DBE listed on the Schedule.

- C. Justification for grant of relief (Appendix B waiver of DBE goal). If in the submittal of its offer, the offeror fails to meet the DBE goal above, the offeror has the burden of furnishing sufficient documentation with its offer of its "good faith efforts" to justify a grant of relief (waiver) from the goal or portion of the goal. Such justification shall be in the form of a detailed report. The following is a list of actions which shall be considered as part of the offeror's good faith efforts to obtain DBE participation. This list is neither a mandatory checklist nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases:

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- (1) Soliciting through all reasonable and available means (e.g. attendance at pre-bid meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the contract. The offeror must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The offeror must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
- (2) Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goal will be achieved. This includes, where appropriate, breaking out Contract work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.
- (3) Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract in a timely manner to assist them in responding to a solicitation.
- (4) Negotiating in good faith with interested DBEs. It is the offeror's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work. "DBE Unavailability Certifications" (Attachment B-3) shall be completed as appropriate.
- (3) An offeror using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as the Contract goal into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a bidder's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a contract with its own organization does not relieve the offeror of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- (6) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of offers in the Contractor's efforts to meet the project goal.
- (7) Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

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- (8) Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.
- (9) Effectively using the services of available minority/women community organizations; minority/women contractors' groups; local, state, and Federal minority/women business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

7. OFFER REQUIREMENTS (APPARENT SUCCESSFUL OFFEROR):

The offeror shall submit the following items within ten (10) calendar days after notification that they are the apparent successful offeror:

- a. A copy of a current WMATA, D.C. DOT or MWUCP certification letter(s) shall be attached to the DBE Schedule of Participation to evidence DBE pre-certification.
- b. DBE Manufacturer's Affidavit, if applicable, must be submitted in order to receive 100 percent of the allowable credit for expenditures to DBE manufacturers/suppliers (Attachment B-4). By submission of this Affidavit, the offeror certifies this it is satisfied that the manufacturer meets the requirements of 49 CFR Part 26.
- c. Schedule B Information for Determining Joint Venture Eligibility, if applicable (Attachment B-5, pgs. 1-4). Submittal shall be signed by all parties, dated and notarized.
- d. Copy of Joint Venture Agreement, if applicable. Submittal shall be signed by all parties, dated and notarized.
- e. Certification letter of the DBE regular dealer/supplier, if applicable. If the offeror wants to receive the maximum allowable credit of its expenditures for material(s) or supplies required under this Contract, from DBE regular dealers/suppliers, the DBE must submit a signed and notarized statement on their letterhead, that they are a regular dealer of the material(s) or supplies. By submission of this statement, the offeror certifies that it is satisfied that the subcontractor is a regular dealer/supplier that meets the requirements of 49 CFR Part 26.
- f. For Design-Build contracts, if a DBE goal is specified in the solicitation, the offeror shall submit with its initial offer, a list of DBE-certified firms that it intends to enter into subcontract agreements with for this Contract. If no goal is specified in the solicitation and the offeror still intends to utilize DBEs in the performance of this Contract, the offeror shall submit with its initial offer a list of those DBE-certified firms. The documentation requirements of the solicitation shall be completed and submitted at the time set forth for the submittal of Best and Final Offer (BAFO) to the Authority for any Contract in which a DBE goal is applicable or for any Contract in which there was no goal established, but the offeror identified DBE-certified firms that it intends to enter into subcontract agreements with in its initial offer. Any offeror who fails to complete and return the following information, if applicable, with their BAFO may be deemed to be not responsible and may be ineligible for contract award. Offerors that fail to meet the DBE goal, if any, specified in the solicitation and fail to demonstrate a good faith effort and to justify waiver of the DBE goal may be deemed to be not responsible and may be ineligible for Contract award.

8. CONTRACT ADMINISTRATION REQUIREMENTS:

The following requirements apply after contract award:

- A. The Contractor shall include the following provision in each subcontract it awards in support of the DBE goal:

“The contractor shall not discriminate on the basis of race, color, national origin or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of US DOT assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in termination of this contract or such other remedy as the Buyer deems appropriate.”

- B. (1) The Contractor shall monitor the performance of, collect and report data on DBE participation to the WMATA’s DBE office on the attached “Prompt Payment Report-Prime Contractor’s Report” (Attachment B-6) which shall be submitted monthly with each payment request. Failure to submit these reports may result in suspension of contract payments. The Contractor shall certify with each payment request that payment has been or will be made to all subcontractors due payment, within ten (10) days after receipt of payment from the Authority for work by that subcontractor. The Contractor shall inform the COR or COTR, with their payment request, of any situation in which scheduled subcontractor payments have not been made and the reason therefore.

- (2) The Contractor shall require each subcontractor to complete and forward to the DBE Liaison Officer on a monthly basis a “Prompt Payment Report-Subcontractor’s Report” (Attachment B-7). The subcontractor shall certify that payment has been received.

- C. The Contractor shall have a continuing obligation to maintain a schedule for participation by DBE contractor(s) to meet its goal set forth above in this Appendix. The Contractor shall not have work performed nor the materials or supplies furnished by any individual or firm other than those named in the “Schedule of DBE Participation.” If at any time, the Contractor believes or has reason to believe that it needs to obtain a substitute for a DBE contractor named in the “Schedule of DBE Participation”, the Contractor shall, within ten (10) days, notify the Contracting Officer and the DBE office of that fact in writing. Situations which may warrant substitution for a DBE firm include, but are not limited to the following:

- (1) Evidence of change in ownership or circumstances regarding the firm’s status as a DBE.
- (2) Death or physical disability, if the named subcontractor or DBE partner of the joint venture is an individual.
- (3) Dissolution, if a corporation or partnership.
- (4) Bankruptcy of the subcontractor, subject to applicable bankruptcy law, and only instances where the bankruptcy affects the Contractor’s ability to perform.

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- (5) Inability to furnish a reasonable performance or payment bond, if required.
- (6) Inability to obtain, or loss of, a license necessary for the performance of the particular category of work.
- (7) Failure or inability to comply with a requirement of law applicable to contractors and subcontractors on a construction, alteration or repair project.
- (8) Failure or refusal to execute the subcontract in accordance with the terms of an offer submitted to the Contractor prior to the Contractor's submission of its offer, but only where the Contracting Officer or other delegated Authority representative can ascertain with reasonable certainty the terms of such offer. In the absence of any other factors, such a failure or refusal will be considered an unusual situation only if the offeror obtained, prior to bidding/proposing, an enforcement commitment from the subcontractor involved.
- (9) Failure to comply with the terms and conditions of this Contract or those of its subcontract or joint venture agreement.

Within thirty (30) days thereafter, the Contractor shall, if necessary to achieve the Appendix B goal, make every reasonable effort to subcontract the same or other work equivalent in value to other certified DBE firms. The Contractor must have the prior, written approval of the Contracting Officer and the DBE Office before substitution of a DBE subcontractor, regardless of the reason for substitution. Failure to obtain the Authority's approval could result in the Contractor's suspension or debarment.

- D. The Contractor shall forward copies of all subcontracts to the DBE Office at the time of their execution.
- E. If the Contracting Officer or other delegated Authority representative determines that the Contractor has failed to comply with this Appendix B, he/she will notify the Contractor of such noncompliance and the action to be taken. The Contractor shall, after receipt of such notice, take corrective action. If the Contractor fails or refuses to comply promptly, the Contracting Officer or other delegated Authority representative may issue a "stop work order" stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such stop work order shall be made the subject of claim for extension of time or for excess costs or damages by the Contractor. When the Authority proceeds with such formal actions, it has the burden of proving that the Contractor has not met the requirements of this Appendix. The Contractor's failure to meet its Appendix B goal shall shift the burden to it to show that it has met the good faith requirements of this Appendix. After exhausting all of its administrative and legal remedies, if the Contractor is found to have failed to exert a "good faith effort" to involve DBEs in the work, the Authority may suspend or debar the Contractor
- F. The Contractor agrees to cooperate in any studies or surveys as may be conducted by the Authority which are necessary to determine the extent of the Contractor's compliance with this Appendix.
- G. The Contractor shall keep records and documents for two (2) years following performance of this Contract to indicate compliance with this Appendix. These

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records and documents, or copies thereof, shall be made available at reasonable times and places for inspection by any authorized representative of the Authority and will be submitted upon request, together with any other compliance information that such representative may require.

- H. If the Authority, FTA or the US DOT has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements regarding the DBE Program, the matter shall be referred to the WMATA's DBE office, and WMATA's Office of Inspector General (OIG).
- I. Failure by the Contractor to carry out the requirements of this Appendix 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.

SUMMARY OF SUBMITTALS

With the Offer

1. Completed "Schedule of DBE Participation" (Attachment B-1) with current certification letters attached for each listed DBE.
2. Executed "Letters of Intent to Perform as a Subcontractor/Joint Venture" (Attachment B-2).
3. Justification for grant of relief (waiver of DBE goal), if applicable. Include completed "DBE Unavailability Certifications" (Attachment B-3) as appropriate.

Offer Requirements (Apparent Successful Offeror)

1. All DBEs must submit a copy of their current WMATA or D.C. DOT certification letters or a certification letter issued by the MWUCP.
2. DBE Manufacturer's Affidavit, if applicable, must be submitted in order to receive one hundred percent (100%) of the allowable credit for expenditures to DBE manufacturers/suppliers (Attachment B-4).
3. Schedule B Information for Determining Joint Venture Eligibility, if applicable (Attachment B-5, pgs. 1, 2, 3, 4).
4. Copy of Joint Venture Agreement, if applicable.
5. Certification letter of the DBE regular dealer/supplier, if applicable.

After Contract Award

1. "Prompt Payment Report-Prime Contractor's Report" Attachment B-6) – submitted monthly.
2. "Prompt Payment Report-Subcontractor's Report" (Attachment B-7) - submitted monthly.
3. Request to substitute DBE contractor (see paragraph 8.C.) – submitted as required.
4. Copies of subcontracts-submitted at the time of their execution.

(Attachment B-1)
SUBMIT WITH OFFER
SCHEDULE OF DBE PARTICIPATION

Contract No. _____

Project Name _____

Name of Offeror

The offeror shall complete this Schedule by identifying only those DBE firms, with scope of work and price, who have agreed to perform work on this Contract. The prices for the work/supplies of these firms shall be at prices amounting to at least the DBE percentage goal of the total Contract price. The offeror agrees to enter into a formal agreement with the DBE firm(s) listed for the work at an amount equal to, or greater than, the prices listed in this Schedule subject to award of a Contract with the Authority. If the total amount is less than the DBE percentage goal, a justification for waiver of DBE goal shall be attached to this Schedule.

Name of DBE Subcontractor	Address	Type of Work (Electrical, Paving, Etc.) and Contract Items or Parts Thereof to be Performed and Work Hours Involved	Agreed Price
Subtotal \$ DBE Subcontractors			
Name of DBE Prime Contractor	Address	Type of Work (Electrical, Paving, Etc.) and Contract Items or Parts Thereof to be Performed and Work Hours Involved	Agreed Price
Subtotal \$ DBE Prime Contractor			
TOTAL \$ ALL DBE CONTRACTORS		TOTAL	

_____ **Signature of Contractor Representative**

_____ **Title**

_____ **Date**

M

(Attachment B-2)

Contract Number: _____

Project Name: _____

**LETTER OF INTENT TO PERFORM AS A SUBCONTRACTOR/JOINT VENTURE
(ALL ITEMS MUST BE COMPLETED)**

TO: _____
(Name of Offeror)

The undersigned intends to perform work in connection with the above projects as (check one):

_____ An individual _____ A corporation
_____ A partnership _____ A Joint venture

Specify in detail particular work items or parts thereof to be performed:

at the following price: \$

Please indicate _____ % of the dollar value of the subcontract that will be awarded to non-DBE contractors, if applicable. The undersigned will enter into a formal agreement with you for the above work upon your execution of a contract with the Authority.

Name of DBE Subcontractor/Joint Venture

Phone Number

Address

WMATA Vendor ID #/DBE Cert. #

Signature & Title

Date

The following is to be completed by the Prime Contractor. A copy of this letter must be returned to the DBE subcontractor to indicate acceptance.

To: _____
(Name of DBE)

You have projected your interest and intent for such work, and the undersigned is projecting completion of such work as follows:

WORK ITEMS	PROJECTED DBE COMMENCEMENT DATE	PROJECTED DBE COMPLETION DATE
_____	_____	_____

(Date)

(Name of Prime Contractor &
Acceptance Signature)

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(Attachment B-3)
SUBMIT WITH OFFER

DBE UNAVAILABILITY CERTIFICATION

I, _____, of _____,
(Name) (Title) (Bidder)

certify that on _____ I contacted the following DBE contractor(s) to obtain offer(s) for work
(Date)
items to be performed on Contract Number _____

DBE Contractor	Work Items Sought	Form of Bid Sought (i.e., Unit Price, Materials and Labor Only, Etc.)
_____	_____	_____

To the best of my knowledge and belief, said DBE contractors were unavailable (exclusive of unavailability due to lack of agreement on price) for work on this project, or unable to prepare a bid, for the following reason(s):

Signature: _____

Date: _____

_____ was offered an opportunity to submit an offer on the
above
(Name of DBE Contractor)

identified work on _____ by _____
(Date) (Source)

The above statement is true and accurate account of why I did not submit an offer on this project.

(Signature of DBE Contractor)

(Title)

M 23.25 (Rev 10/99)

DBE Certification Instructions

Important Notice

If you do not have a current, official letter of certification from WMATA, D.C. DOT or MWUCP, you are not pre-certified and are therefore not eligible to participate as a Disadvantaged Business Enterprise on the offer.

For those who wish to access the MWUCP certification application, it may be found on the internet at the following address:

https://www.wmata.com/business/disadvantaged_business_enterprise. Go to “Procurement and Contracting”, click on “Disadvantaged Business Enterprise”, then click on “DBE Application for Certification”.

49 CFR Part 26 gives Metropolitan Washington Unified Certification Program (MWUCP) ninety (90) days in which to process a complete DBE application. In order to become certified and participate in the MWUCP, you must comply with the procedures that follow. Certification must be final before the due date for bids or offers on a contract on which a firm seeks to participate as a DBE.

Instructions

49 C.F.R. § 26.81(d) of the Certification Procedures requires a firm to be certified as a DBE in its “home state,” where its principal place of business is located, in order to become certified outside such “home state”. Therefore, you must attach to the MWUCP Application, a copy of a valid DBE Certification letter from your home state’s Department of Transportation. . In addition, submit the pertinent documents for your company listed below. The application should be completed in full and NOTARIZED.

General (All firms must submit these documents.)

- Current (unaudited) Financial Statements
- Prior three (3) years Federal Tax Returns
- Resume of Principal(s) and Key Personnel
- Third Party Agreements, such as Rental and Management Agreements
- Licenses to Do Business
- Personal Net Worth (PNW) Statement
- Statement of Disadvantage
- No Change Affidavit or Notice of Change (where applicable)

Corporations

- Articles of Incorporation
- By-Laws
- Copies of any Stock Options
- Copies of Stock Certifications of Each Holder
- Copies of Stockholders’ Voting Rights
- Record of First Organizational Meeting

Partnerships

Partnership Agreement

Proprietorships

IRS Employer ID Number
WMATA Vendor ID#

Limited Liability Companies

Operating Agreement with any amendments
Certificate of Formation, U.S. Income Tax Returns

Change of Status Review

On or before each certification anniversary date, you must submit a No Change Statement attesting that there have been no changes in the firm's circumstances affecting its ability to meet the eligibility requirements of 49 CFR Part 26 or WMATA's DBE Program Plan. Firms with changed circumstances must submit a Notice Regarding Change for review by the DBE Office. A review of these changes shall be made to determine if the firm is in compliance with the 49 CFR Part 26.

Affidavit Enclosure

NOTE: When completing MWUCP Application, complete all information blocks. Type "N/A" if item does not apply to you or your firm.

(Attachment B-4)
DBE MANUFACTURER'S AFFIDAVIT

I hereby declare and affirm that I am _____ (Title)
and duly authorized representative of _____ (Name of Company),
a _____ owned and controlled enterprise
whose address is _____

I further declare and affirm that company employees (persons not on the payroll of and/or performing the same tasks for disadvantaged owned business having any interest in the affiant's business) operate the following company equipment relative to the manufacturing process:

Equipment

Type _____ Function _____ Model _____ Age _____ Make _____

Number of employees involved in the manufacturing process: _____

The undersigned swears that the foregoing statements are true and correct and fully understands that WMATA may rely on these statements in determining whether a WMATA prime contractor purchasing goods from the undersigned's manufacturing concern is entitled to a 100% credit of such purchases towards its DBE goal. The undersigned further understands that any material misrepresentation will be grounds for initiating action under Federal or state laws concerning false statements.

Signature of Affiant Printed Name

Date: _____ State: _____ County: _____

On this _____ day of _____, 19____,

before me appeared _____
(Name)

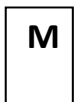
to me personally known, who, being duly sworn, did execute the foregoing Affidavit, and did state that he or she was properly authorized by _____
(Name of Firm)

to execute the Affidavit and did so as his or her free act and deed.

(Seal) Sworn and subscribed before me _____
(Notary Public)

Commission Expires: _____

23.29 (10/99)



(Attachment B-5)
Information for Determining Joint Venture Eligibility

Page 1

.....
Name and address of Joint Venture:

Contact Person: _____ Telephone: _____

Have you attached a copy of the Joint Venture agreement? Yes No

NOTE: Affidavit will not be processed without a copy of the Joint Venture agreement.
.....

Name and address of Joint Venture partner: _____

Contact Person: _____ Telephone: _____

Status of firm: DBE. Non-Minority.

Does firm have current WMATA, D.C. DOT or MWUCP DBE certification? Yes No
.....

Name and address of Joint Venture partner: _____

Contact Person: _____ Telephone: _____

Status of firm: DBE. Non-Minority.

Does firm have current WMATA, D.C. DOT or MWUCP DBE certification? Yes No
.....

Describe the nature of the Joint Venture's business:

Describe the role in the Joint Venture of each partner listed above:

Describe the experience and business qualifications of each partner in the Joint Venture listed above:
.....

(Attachment B-5)
Information for Determining Joint Venture Eligibility

Page 2

.....
Indicate the percentage of ownership in the Joint Venture for each Joint Venture partner, indicating dollar amounts wherever applicable.

Name of Partner	Percentage of Ownership	Profit and Loss Sharing	Capital Contributions including Equipment	Other Agreements
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

TOTALS:

.....
Identify by name, title, race, sex and company affiliation those individuals responsible for the management control of and participation in this contract:

1. Financial decisions, such as payroll, insurance, surety and/or bonding requirements:

Name: _____ Race: _____
Title: _____ Sex: Male Female
Company affiliation: _____

2. Management decisions, such as estimating, marketing and sales, hiring and firing, purchasing supplies:

Name: _____ Race: _____
Title: _____ Sex: Male Female
Company affiliation: _____

3. Supervision of field operations:

Name: _____ Race: _____
Title: _____ Sex: Male Female
Company affiliation: _____

(Attachment B-5)
Information for Determining Joint Venture Eligibility

Page 3

.....

The undersigned swear that the foregoing statements are correct and include all material information necessary to identify and explain the terms and operations of our following named Joint Venture:

and the intended participation by each Joint Venturer in the undertaking. Further, the undersigned covenant and agree to provide the Authority current, complete and accurate information regarding actual Joint Venture work and the payment thereof and any proposed changes in any of the Joint Venture arrangements and to permit the audit and examination of the books, records and files of the Joint Venture, or those of each Joint Venturer relevant to the Joint Venture, by authorized representatives of the Authority or the Federal funding agency. Any material misrepresentation will be grounds for terminating any contract which may be awarded and for initiating action under Federal and State laws concerning false statements.

It is recognized and acknowledged that the Authority's DBE Program shall have access to the information provided herein above for the purpose of establishing eligibility and authenticity of the minority/woman-owned status of the Joint Venture.

It is understood that trade secrets and information privileged by law, as well as commercial, financial, geological and geophysical data furnished will be protected.

_____ (NAME OF FIRM)	_____ (NAME OF SECOND FIRM)
_____ (SIGNATURE OF AFFIANT)	_____ (SIGNATURE OF AFFIANT)
_____ (PRINT NAME)	_____ (PRINT NAME)
_____ (TITLE)	_____ (TITLE)
_____ (DATE)	_____ (DATE)

.....

23.29 (10/99)

M

(Attachment B-5)
Information for Determining Joint Venture Eligibility

Page 4

.....
Date: _____ State: _____ County: _____

On this _____ day of _____, 19_____,

before me appeared _____

(Name)

to me personally known, who, being duly sworn, did execute the foregoing Affidavit, and did state that he or she was properly authorized by _____

(Name of Firm)

to execute the Affidavit and did so as his or her free act and deed.

(Seal) Sworn and subscribed before me _____
(Notary Public)

Commission Expires: _____

.....
Date: _____ State: _____ County: _____

On this _____ day of _____, 19_____,

before me appeared _____

(Name)

to me personally known, who, being duly sworn, did execute the foregoing Affidavit, and did state that he or she was properly authorized by _____

(Name of Firm)

to execute the Affidavit and did so as his or her free act and deed.

(Seal) Sworn and subscribed before me _____
(Notary Public)

Commission Expires: _____

.....

M

 23.06c (Rev 10/99)

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP-FQ17095/LTR

Washington Metropolitan Area Transit Authority
(Attachment B-6)
 DISADVANTAGED BUSINESS ENTERPRISE (DBE)
 MONTHLY PROMPT PAYMENT REPORT

PRIME – CONTRACTOR’S REPORT

This report is required to be submitted to the Office of Procurement, DBE Branch 600 5th Street, NW, Suite 3C, Washington, DC 20001, pursuant to the requirements of WMATA’s DBE Program Plan and §26.29 of 49 CFR Part 26.

Contract No.: _____ Reporting Period: _____

Name of Prime Contractor: _____ DBE – Yes or No

Prime Contract Amount: _____ Total Received this Reporting Period: _____ Total Received to Date: _____
 DBE Goal _____

Name of Sub-Contractor	DBE (Y/N)	Description of Work	Date of Contract Awarded	Amount of Sub-Contractor Award	Amount Paid This Reporting Period	Cumulative Paid To Sub-Contractor	% of Physical Work Complete
TOTAL							

I certify the information furnished with respect to DBE subcontractor performance correct to the best of my knowledge and represents a current status of the prime contractor with the DBE subcontractors for the designated period covered by this report. Further, those subcontractors, due payment pursuant to the terms of their subcontracts will be paid within ten days after receipt of payment from WMATA.

By: _____ Title: _____ Date: _____

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
SUPPLY AND SERVICE CONTRACT RFP-FQ17095/LTR

(Attachment B-7)
Washington Metropolitan Area Transit Authority

DISADVANTAGED BUSINESS ENTERPRISE (DBE)
 MONTHLY PROMPT PAYMENT REPORT

SUBCONTRACTOR'S REPORT

This report is required to be submitted to the Office of Procurement, DBE Branch 600 5th Street, NW, Suite 3C, Washington, DC 20001, pursuant to the requirements of WMATA's DBE Program Plan and §26.29 of 49 CFR Part 26.

Contract No.: _____ Reporting Period: _____

Name of Subcontractor: _____ DBE – Yes or No

Subcontractor Contract Amount: _____ Total Received this Reporting Period: _____ Total Received to Date: _____

Name of Sub-Contractor	DBE (Y/N)	Description of Work	Date of Contract Awarded	Amount of Sub-Contractor Award	Amount Paid This Reporting Period	Cumulative Paid To Sub-Contractor	% of Physical Work Complete
TOTAL							

I certify the information furnished with respect to DBE subcontractor performance correct to the best of my knowledge and represents a current status for the designated period covered by this report. Further, those contractors, due payment pursuant to the terms of their subcontracts will be paid within ten days after receipt of payment from the Contractor.

By: _____ Title: _____ Date: _____

**LIST OF POTENTIAL
DBE SUBCONTRACTORS**

DBE Vendor Directory List

81 records

A-Connection, Inc. Moses Ashe President	4102 Lowell Drive Pikesville, MD 21208 410-710-4198
A1 Consulting Group, Inc. Vinod Goel	117 Internation Drive Morrisville, NC 27560 919-469-4800
A22 Environmental Group, LLC Rita Holderby Presiding Member	250 South Kresson Street Baltimore, MD 21224 410-679-8877
ADP Consultants, Inc. Dilip Patel CEO	14901 River Road Potomac, MD 20854 240-720-4025
Altransp Engineering, LLC Alem Hagos Principal	15709 Evesham Place Silver Spring, MD 20905 301-879-2246
AMAR Group, LLC Gennell Anderson President	6230 3rd Street, N W Suite 4 Washington, DC 20011 (202) 828-2577
Amtrac Railroad, Inc. Jacqueline Manzin President	9436 Earley Drive Hagerstown, MD 21740 301-797-3730
Alhavale, Lystad & Associates, Inc. Tewolde lyob President	8180 Greensboro Drive, Suite 550 McLean, VA 22101 (703) 893-3104
Atlantic Underground Construction, LLC Beverly Kidd Managing Member	PO Box 305 Dellaville, VA 23043 804-815-9393
Bullock Construction, Inc. Michelle Bullock President	32303 Matthewstown Road Easton, MD 21601 410-763-7250
Caliber Consulting Group, LLC Jamie Hansen President	10411 Motor City Drive, Ste. 750 Bethesda, MD 20817 301-787-7633
Capital Construction Enterprises, Inc. Maria Patricia Corrales Vice-president	1330 Locust Road, NW Washington, DC 20012 202-722-0330
Capitol Builders & Associates, Inc. Armina Moshtagi Owner	1926 Martin Luther King Dr., SE Washington, DC 20002 202-330-5504
Capitol Engineers, P.C. David Mahesh President	7828 Eastern Avenue NW Suite 411 Washington, DC 20017 202-628-6566
Capitol Property Development, LLC Lisa Mae Crawford President	310 Farragut Street NW Washington, DC 20011 202-291-6366

CES Consulting LLC Avtar Singh President	5771 Jarneys Mill Circle Haymarket, VA 20169 571-402-9159
Curdco, LLC Danny Curd President	2746-A Maidens Loop Maidens VA 23102 (804) 556-9157
CV, Inc. Chinmay Vyas President	11808 Kigger Jack Lane Clarksburg, MD 20671 (240) 252-5696
Diggs Construction, LLC Derrick Diggs President	3101 East 9th Street Wichita, KS 67214 860-286-1664
Dikita Enterprises, Inc. Lucious Williams President	1420 W Mockingbird Lane, Suite 600 Dallas, TX 75247 214-634-8844
Dominion Concrete & Masonry Corp d/b/a DCMC Paula Nicolau	43751 Beaver Meadow Road Sterling, VA 20152 703-996-0300
DRM International, Inc Arnold Young President	4400 Macarthur Boulevard Washington, DC 20007 (202) 944-3390
E. W. Moon, Inc.	11311 Venice Blvd. Los Angeles, CA 90066-3422 (310) 915-1018
E/LOC Construction Inc. Theodore Cole President	10307 Sarah Landing Dr Cheltenham, MD 20623 301-372-1313
E2CR, Inc. Siva Balu CEO	1405-A Parker Road Baltimore, MD 21227 (410) 737-9100
EBA Engineering Inc Nanda Sen President	4813 Seton Dr Baltimore, MD 21215 4103587171
EMC2, Inc Surinder Singh President	10110 Molecular Drive, Suite 314 Rockville, MD 20850 301-424-8696
Essayon Progress Management Israel Brown President	2655 Dallas Highway Suite 430 Marietta, GA 30064 478-972-7612
FMC & Associates, LLC Fadii Abdeffatah Prncpal	515 M Street, S.E., Suite 106 Washington, DC 20003 (202) 863-0911
G. Stephens, Inc Glen Stephens President	133 N. Summit Street Akron, OH 44304 (330) 782-1388
G.W. Peoples Contracting Company, Inc. Melvin Clark CEO	2011 Crystall DriervSuite 400 Arlington, VA 22202 (202) 488-7185

Garg Consulting Services, Inc Eugene Chuang President	2096A Silas Deane Highway Rocky Hill, CT 06067 860-563-0582
General Concrete, Inc Mauncio Melara President	11550 E. Maple Avenue Beltsville, MD 20705 301-595-3250
Geconcepts Engineering, Inc Vivian Lewis President	19955 Highland Vista Drive Ashburn, VA 20147 (703) 728-8030
Grace Management & Construction, LLC Christopher Williams Principal	7901-1 Mills Court Fort Meade, MD 20755 240-386-9138
Hardscapes Construction, Inc Karen Bass President	621 Central Avenue E., Box 4 Edgewater, MD 21037 800-334-6078
Innovative Construction Systems, Inc. Charles C. Ang President	100 Breyer Drive, Unite 6Q Elkins Park, PA 19027 (215) 887-1425
Island Breeze Manne, Inc. Darwin Peguese President	211 K Street NE Washington, DC 20002 410-446-2777
J & T Construction And Management, LLC Clinton Jordan President	7826 Eastern Avenue, NW, Suite LL1 Washington, DC 20012 (202) 291-5874
JBC Associates, Inc. Janet Cunningham President	120 South Warner Road, Suite 100 King Of Prussia, PA 19408 610-992-9090
JCMS, Inc Umesh Jois	1741 Whitehorse-Mercerville Road Mercerville, NJ 08619 609-631-0700
Keville Enterprises, Inc. Christine Keville President	475 School Street, Suite 11 Marshfield, MA 02050 781-837-3884
Kevin Scott Tunnel Consultants, LLC Kevin Scott CEO	8707 Falmouth Ave. Playa Del Rey, CA 90293 646-403-0497
Khafra Engineering Consultants, Inc. Valentino Bates	230 Peachtree Street Atlanta, GA 30303 (404) 525-2120
L S Gallegos & Associates, Inc. Lawrence Gallegos President	9137 E. Mineral Circle, Suite #220 Centennial, CO 80112 303-790-8474
Lenon Consulting, Inc. Brooke Lenon President	9544 Hampton Oaks Lane Charlotte, NC 28270 (704) 779-0185
Liberty Engineering and Design, PLLC Abdullahi Barron Principal	3215 Martin Luther King Jr. Ave., SE Washington, DC 20032 (202) 588-5173

M&N Engineering and Diving Services, Inc Noelle Ziobro President	2105 Laurel Bush Road, Suite 100 Bel Air, MD 21015 443-484-2394
Macia Construction, Inc Richard Macia	15833 Livingston Road Accokeek, MD 20607 301-283-0633
Macon Pace Inc Dhiraj Chanda President	2115 Hamilton Avenue, Suite 203 Hamilton, NJ 08619 609-587-8669
Marine Solutions, Inc. (MSI) Amy Wilkins President	225 Industry Parkway Nicholasville, KY 40358 859-260-1055
Martins Construction Corporation Mano Martins President	210 Little Falls Street Falls Church, VA 22048 703-533-8700
McGee Mobile Crane, Inc. Mary McGee-Fincham President	466 Wright Road Clear Brook, VA 22624 540-955-5625
MHR International, Inc. Michael Ross President	1075 Peachtree Street, NE #3650 Atlanta, GA 30309 404-880-9602
Milani Construction LLC Saeed Milani-Nia President	1109 Good Hope Road SE Washington, DC 20020 202-610-9856
Morgan Construction Management, LLC Angela Hackney President	129 East Walnut Lane, Lot 3 Philadelphia, PA 19144 267-481-5855
New Vision Excavation, LLC Wanda Riviere President	11011 Lake Victoria Lane Bowie, MD 20720 (301) 262-6311
Omni-Excavators, Inc. Manuel Dias President	2413 Benning Road, NE Washington, DC 20002 202-399-1367
Pdr-Sheetz Construction Corporation Barbara Kight President	829 Central Avenue Linthicum, MD 21090 (410) 789-1370
Phoenix Engineering, Inc Malini Gupta Glueck President	1420-A Joh Avenue Ballimore, MD 21227 410-247-8833
Pioneer Contracting Company Bhairaj Patel President	8288 Telegraph Rd Odenton, MD 21113 (410) 551-2924
Prince Construction Co., Inc. Alberto Gomez President	1111 Good Hope Rd, SE Washington, DC 20020 202-889-5050
QWIC Inc. Elizabeth Fest Director of Marketing	313 East Broad Street Palmyra, NJ 08065 856-829-7942

Radin Consulting, Inc. Chitra Radin President	183 West Hobert Gap Road Livingston, NJ 07039 973-732-1246
Randolph & Company, Inc Henry Randolph, Jr. President	4382 Campbellton Rd. Atlanta, GA 30331 (404) 349-2952
Raul V. Bravo & Associates, Inc Raul Bravo President	1889 Preston White Drive, Suite 202 Reston, VA 20191 (703) 326-9092
RBA Engineering International, PLLC Pedro Astudillo President	5796 Birch White Ct Woodbridge, VA 22193 703-473-1091
River City Railroad, Trolley and Transit Consultants Clarence Harris President	1759 Glenview Avenue Memphis, TN 38114 (901) 502-7145
S & J Service, Inc Jose Gregorio President	2254 25th Place, N.E., Suite C Washington, DC 20018 (301) 731-9555
Sabra, Wang & Associates, Inc. David Wang President	7055 Samuel Morse Drive, Suite 100 Columbia, MD 21046 443-741-3500
Sheladia Associates, Inc Manish Kothari	15825 Shady Grove Road, Ste 100 Rockville, MD 20850 301-590-3939
Shrewsbury & Associates, LLC William Shrewsbury Managing Member	7321 Shadeland Station, Suite 160 Indianapolis, IN 46256 (317) 841-4799
Sidhu Associates Manpreet Sidhu President	Executive Plaza III Hunt Valley, MD 21031 410-329-1115
SkyView Construction, Inc. Velji Desai President	4160 Travers Court Chantilly, VA 20151 703-831-8588
Stella May Contracting, Inc Stella Miller President/Owner	1512 Edgewood Road Edgewood, MD 21040 410-679-8306
Terra Site Constructors, LLC Babur Mian President and CEO	6606 Reserves Hill Ct Annandale, VA 22003 703-436-1826
The Solis Group, Inc. Terry Solis President	131 N. El Molino Avenue, Suite 100 Pasadena, CA 91101 626-685-6989
The Vann Organization, Inc. Gregory Vann President	11 Sayer Avenue Cherry Hill, NJ 08002 856-486-4440
Unified Industries, Inc Theodore A. Adams, III President/CEO	6551 Loisdale Court, Suite 400 Springfield, VA 22150 (703) 922-9800

VP Engineering, Inc.
Vasant Patil
President

880 Haven Oaks Court NE
Atlanta GA 30342
678-973-0155

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**DEPARTMENT OF LABOR (DOL) WAGE
DETERMINATION**

DISTRICT OF COLUMBIA

**MARYLAND (Prince Georges & Montgomery
Counties)**

VIRGINIA (Arlington, Alexandria, Fairfax)

General Decision Number: DC170001 01/13/2017 DC1

Superseded General Decision Number: DC20160001

State: District of Columbia

Construction Types: Heavy (Heavy and Sewer and Water Line) and Highway

County: District of Columbia Statewide.

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines); HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

ASBE0024-001 10/01/2016

	Rates	Fringes
Asbestos Worker/Heat and Frost Insulator		
Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.....	\$ 35.03	15.32

ASBE0024-002 10/01/2016

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER		
Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials, whether they contain asbestos or not, from		

mechanical systems.....	\$ 22.36	6.79

ASBE0024-005 10/01/2016		
	Rates	Fringes
Fire Stop Technician.....	\$ 27.56	7.23
Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.		

* BOIL0193-001 01/01/2017		
	Rates	Fringes
Boilermakers:.....	\$ 40.47	22.97

BRDC0001-001 05/01/2016		
	Rates	Fringes
Bricklayer.....	\$ 30.61	9.67

BRMD0001-004 05/01/2016		
	Rates	Fringes
BRICKLAYER Refractory (Firebrick).....	\$ 36.96	10.10

CARP0177-001 05/01/2016		
	Rates	Fringes
Carpenter/Lather.....	\$ 27.81	9.93

CARP0179-001 05/01/2016		
	Rates	Fringes
PILEDRIVERMAN.....	\$ 29.19	9.45

CARP0179-004 05/01/2016		
	Rates	Fringes
DIVER TENDER.....	\$ 31.66	9.45
DIVER.....	\$ 40.34	9.45

CARP0219-001 04/01/2016		
	Rates	Fringes

MILLWRIGHT.....\$ 32.04 9.93

* ELEC0026-001 11/07/2016

	Rates	Fringes
Electricians.....	\$ 44.15	16.47

ELEC0070-001 05/02/2016

	Rates	Fringes
Line Construction:		
Cable Splicers.....	\$ 36.41	19%+5.25
Equipment Operators.....	\$ 36.41	19%+5.25
Groundmen.....	\$ 16.94	19%+5.25
Linemen.....	\$ 36.41	19%+5.25
Truck Driver.....	\$ 19.25	19%+5.25

ENGI0077-001 05/01/2016

	Rates	Fringes
Power equipment operators: (HEAVY AND HIGHWAY CONSTRUCTION)		
GROUP 1.....	\$ 36.92	8.75+a
GROUP 2.....	\$ 35.12	8.75+a
GROUP 3.....	\$ 33.02	8.75+a
GROUP 4.....	\$ 29.61	8.75+a
GROUP 5.....	\$ 25.56	8.75+a
GROUP 6.....	\$ 23.47	8.75+a
GROUP 7.....	\$ 38.01	8.75+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Tower Cranes and Cranes 100 ton and over.

GROUP 2: 35 ton cranes & above, derricks, concrete boom pump, drill rigs (+50,000 lbs torque), mole.

GROUP 3: Cranes, hoists, drill rigs (under 50,000 lbs torque), tie back machines, paving mixers, tunnel shovels, batch plants, shields, tunnel mining machines, draglines, mucking machines, graders in tunnels, pile driving engines, welder, horizontal directional drill operator, Tug boats.

GROUP 4: Front end loaders, boom trucks, backhoes, excavators, gradalls, power driven wheel scoops & scrapers, blade graders, motor graders, bulldozers, trenching machines, ballast regulator, hoe ram, locomotive (standard, narrow gauge, tuggers).

GROUP 5: Boilers (skelton), asphalt spreaders, bullfloat finishing machines, concrete finishing machines, concrete spreaders, concrete mixer, concrete pump, well points, hydraulic pumps, elevators, freeze uniits, tunnel motorman or dinky operator, conveyors, grout pump, fireman, ultra high pressure water jet cutting tool system operator/mechanic, horizontal directional drill locator,

skid steers (fine grading), High lifts (lull type lifts).

GROUP 6: Fork lifts, ditch witch, bobcat, skid steer, space heaters, sweepers, assistant engineers, oilers, service unit equipment, roller.

GROUP 7: Master mechanic.

a. PAID HOLIDAYS: New Years Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

ENGI0077-002 06/01/2016

	Rates	Fringes
Power equipment operators: (PAVING AND INCIDENTAL GRADING)		
GROUP 1.....	\$ 29.79	7.55
GROUP 2.....	\$ 26.55	7.55
GROUP 3.....	\$ 22.84	7.55
GROUP 4.....	\$ 20.55	7.55
GROUP 5.....	\$ 30.50	7.35

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

- GROUP 1: Gradall operator, Crane.
- GROUP 2: Boom Truck, Milling Machine, Excavator, Rubber Tire Backhoe, Asphalt Paver, Asphalt Plant Engineer, Motor Grader, Track Loader, Rubber Tire Loader, Track Dozer, Concrete Paver.
- GROUP 3: Broom Truck, Asphalt Roller.
- GROUP 4: Air Compressor, Grade Rollers.
- GROUP 5: Mechanic.

ENGI0077-003 07/01/2016

	Rates	Fringes
Power equipment operators: (SEWER, GAS AND WATER LINE CONSTRUCTION)		
GROUP 1.....	\$ 32.02	7.50+a
GROUP 2.....	\$ 26.36	7.50+a
GROUP 3.....	\$ 25.95	7.50+a
GROUP 4.....	\$ 25.02	7.50+a
GROUP 5.....	\$ 21.00	7.50+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

- GROUP 1: Cranes 50 ton and above.
- GROUP 2: Gradall, Lead Mechanic, Crane under 50 ton capacity.
- GROUP 3: Boom Trucks, Excavators, Backhoes, Front-End Loaders,

Fork Lift/Lull, Bulldozers, Motor Graders, Mechanic 1, Hydraulic Tamper and Hoe Pack, Paving Mixers, Pile Driving Engines, Batch Plant, Concrete Pumps, Low-Boy Driver, Lube Truck.

GROUP 4. Knuckle Boom, Trenching Machine, Well Drilling Machines, Concrete Mixers, Assistant Mechanic, Mini Excavator under 10,000 lbs. gross weight.

GROUP 5: Oiler, Dump Truck, Skid Steer/Bobcat, Rollers.

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, day after Thanksgiving Day and Christmas Day

IRON0005-001 06/01/2016

	Rates	Fringes
Ironworkers:		
Structural, Ornamental and Chain Link Fence.....	\$ 30.85	19.435

IRON0201-001 05/01/2016

	Rates	Fringes
Ironworkers:		
Reinforcing.....	\$ 27.90	19.13

LABO0657-003 06/01/2015

	Rates	Fringes
Laborers: (HEAVY AND HIGHWAY AND SEWER & WATER LINES CONSTRUCTION)		
GROUP 1.....	\$ 23.67	7.31
GROUP 2.....	\$ 24.06	7.31
GROUP 3.....	\$ 24.27	7.31
GROUP 4.....	\$ 24.46	7.31
GROUP 5.....	\$ 24.98	7.31
GROUP 6.....	\$ 25.65	7.31
GROUP 7.....	\$ 26.30	7.31
GROUP 8.....	\$ 27.16	7.31

LABORERS CLASSIFICATIONS:

GROUP 1: Carloaders, choker setter, concrete crewman, crushed feeder, demolition laborers, including salvaging all material, loading, cleaning up, wrecking, dumpmen, flagmen, fence erector and installer (other than chain link), including installation and erection of fence, guard rails, medial rails, reference posts, guide posts and right-of-way markers, form strippers, general laborers, railroad track laborers, riprap man, scale man, stake jumper, structure mover, includes foundation, separation, preparation, cribbing, shoring, jacking and unloading of structures, water nozzle man, timber bucket and faller, truck loader, water boys, tool room men.

GROUP 2: Combined air and water nozzleman, cement handler, dope pot fireman (nonmechanical), form cleaning machine, mechanical railroad equipment (includes spiker, puller, tile cleaner, tamper, pipe wrapper, power driven wheelbarrows, operators of hand derricks, towmasters, scootcretes, buggymobiles and similar equipment), tamper or rammer operator, trestle scaffold builders over one tier high, power tool operator (gas, electric or pneumatic), sandblast or gunnite tailhose man, scaffold erector, (steel or wood), vibrator operator (up to 4 feet), asphalt cutter, mortar men, shorer and lagger, creosote material handler, corrosive enamel or equl, paver breaker and jackhammer operators.

GROUP 3: Multi-section pipe layer, non-metallic clay and concrete pipe layer (including caulker, collarman, jointer, rigger and jacker, thermal welder and corrugated metal culvert pipe layer.

GROUP 4: Asphalt block pneumatic cutter, asphalt roller, walker, chainsaw operator with attachment, concrete saw (walking), high scalers, jackhammer operator (using over 6 feet of steel), vibrator operator (4 feet and over), well point installer, air trac operator.

GROUP 5: Asphalt screeder, big drills, cut of the hole drills (1 1/2 " piston or larger), down the hole drills (3 1/2" piston or larger) gunnite or sandblaster nozzleman, asphalt raker, asphalt tamper, form setter, demolition torch operator, shotcrete nozzlelemen and potman.

GROUP 6: Powderman, master form setters.

GROUP 7: Brick paver (asphalt block paver, asphalt block sawman, asphalt block grinder, hastings block or similar type)

GROUP 8: Licensed powdermen.

LABO0657-004 06/01/2015

	Rates	Fringes
Laborers: (HAZARDOUS WASTE REMOVAL, EXCEPT ON MECHANICAL SYSTEMS: Preparation for, removing and encapsulation of hazardous materials from non-mechanical systems)		
Skilled Asbestos Abatement Laborers.....	\$ 20.26	7.31
Skilled Toxic and Hazardous Waste Removal Laborers.....	\$ 22.93	7.31

LABO0657-005 06/01/2015

	Rates	Fringes
Laborers: (TUNNEL, RAISE &		

SHAFT (FREE AIR)
FOR HEAVY AND SEWER & WATER
LINES CONSTRUCTION)

GROUP 1.....	\$ 24.54	7.31
GROUP 2.....	\$ 25.32	7.31
GROUP 3.....	\$ 27.30	7.31
GROUP 4.....	\$ 28.14	7.31

LABORERS CLASSIFICATIONS:

GROUP 1: Brakeman, Bull Gang, Dumper, Trackmen, Concrete Man.

GROUP 2: Chuck Tender, Powdermen in Prime House, Form Setters and Movers, Nippers, Cableman, Houseman, Groutman, Bell or Signalman, Top or Bottom Vibrator Operator.

GROUP 3: Miners, Re-Bar Underground, Concrete or Gunnite Nozzlemen, Powdermen, Timbermen and Re-Timbermen, Wood Steel Including Liner plate or Other Support, Material Motorman, Caulkers, Diamond Drill Operators, Riggers, Cement Finishers-Underground, Welders and Burners, Shield Driver, Air Trac Operator, Shotcrete Nozzlemen and Potman.

GROUP 4: Mucking Machine Operator (Air).

LABO0657-006 06/01/2015

Rates Fringes

Laborers: (TUNNEL, RAISE AND
SHAFT (COMPRESSED AIR) FOR
HEAVY CONSTRUCTION ONLY

Gauge Pressure Work Period

(Pounds)	(Hours)		
1-14	7.....	\$ 32.45	7.31
14-18	6.....	\$ 38.19	7.31

FOOTNOTE: On any requirement for air pressure in excess of 18 PSI, work periods and rates should be negotiated at a pre-bid conference.

LABO0657-007 08/01/2014

Rates Fringes

Laborers: (PAVING AND
INCIDENTAL GRADING)

Asphalt Raker & Concrete Saw Operator.....	\$ 19.80	6.60
Asphalt Shoveler.....	\$ 19.17	6.60
Asphalt Tammer & Concrete Shoveler.....	\$ 19.44	6.60
Jack Hammer.....	\$ 19.67	6.60
Laborer.....	\$ 19.00	6.60
Sand Setter & Form Setter...	\$ 20.48	6.60

LABO0657-008 06/01/2015

Rates Fringes

LABORERS (BRICK MASONRY WORK)

Mason Tenders.....	\$ 16.54	7.31
Scaffold Builders, Mortarmen.....	\$ 17.53	7.31

 MARB0002-003 05/01/2016

Rates Fringes

Marble & Stone Mason Includes Pointing, Caulking and Cleaning of All Types of Masonry, Brick, Stone and Cement Structures.....	\$ 35.91	16.17
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 MARB0003-001 05/01/2016

Rates Fringes

Mosaic & Terrazzo Worker, Tile Layer.....	\$ 27.25	10.68
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 MARB0003-004 05/01/2016

Rates Fringes

Marble, Tile & Terrazzo Finisher.....	\$ 22.46	9.75
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 PAIN0051-001 06/01/2016

Rates Fringes

Painters: All Industrial Work.....	\$ 30.70	9.55
Bridges, Heavy Highway, Lead Abatement and Flame/Thermal Spray.....	\$ 34.23	10.30
Commercial and Mold Remediation, Painters, Wallcovers and Drywall Finishers.....	\$ 24.89	9.15
Metal Polishing and Refinishing.....	\$ 25.89	9.15

 PLAS0891-001 02/01/2014

Rates Fringes

Cement Masons: HEAVY CONSTRUCTION ONLY.....	\$ 27.15	9.61
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 PLAS0891-002 06/01/2014

Rates Fringes

Cement Masons: (PAVING &
INCIDENTAL GRADING)

Cement Masons.....	\$ 19.50	6.91
Concrete Saw Operators.....	\$ 19.50	6.91
Form Setters.....	\$ 19.50	6.91

PLUM0005-001 10/01/2016

	Rates	Fringes
Plumbers.....	\$ 40.67	17.10+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

PLUM0602-005 11/01/2016

	Rates	Fringes
Steamfitter, Refrigeration & Air Conditioning Mechanic.....	\$ 39.89	20.52+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the day after Thanksgiving and Christmas Day.

SHEE0100-001 07/01/2016

	Rates	Fringes
Sheet Metal Worker.....	\$ 40.27	17.24+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and Christmas Day

TEAM0639-001 06/01/2016

	Rates	Fringes
Truck drivers: (HEAVY & HIGHWAY CONSTRUCTION)		
Tractor trailer, Low Boy....	\$ 23.70	2.41+a
Truck Drivers.....	\$ 21.70	2.41+a

a. VACATION: Employees will receive one (1) week's paid vacation after one (1) year of service.

TEAM0639-005 06/01/2016

	Rates	Fringes
Truck drivers: (PAVING & INCIDENTAL GRADING)		
All paving projects where		

the grading is incidental
to the paving.....\$ 21.70 2.41

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted

because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: MD170035 01/13/2017 MD35

Superseded General Decision Number: MD20160035

State: Maryland

Construction Type: Heavy

County: Prince George's County in Maryland.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

CARP0177-014 05/01/2016

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 27.81	9.93

* ELEC0026-019 11/07/2016

	Rates	Fringes
ELECTRICIAN.....	\$ 44.15	16.47+a

a. PAID HOLIDAYS: New Year's Day, Inauguration Day, Martin Luther King Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day.

ENGI0077-015 05/01/2016

	Rates	Fringes
OPERATOR: Bulldozer.....	\$ 29.61	8.75+a
OPERATOR: Crane		
35 ton Cranes and Above.....	\$ 35.12	8.75+a
Cranes Below 35 tons.....	\$ 33.02	8.75+a
Tower and Climbing Cranes...\$	36.92	8.75+a

Tower Cranes and Cranes		
100 tons and Over.....	\$ 36.92	8.75+a
OPERATOR: Drill.....	\$ 35.12	8.75+a
OPERATOR: Excavator.....	\$ 29.61	8.75+a
OPERATOR: Loader		
Front End Loaders.....	\$ 29.61	8.75+a
OPERATOR: Mechanic.....	\$ 38.01	8.75+a
OPERATOR: Piledriver.....	\$ 33.02	8.75+a

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

IRON0201-006 05/01/2016

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 27.90	19.13

LABO0657-020 06/01/2015

	Rates	Fringes
LABORER (Common or General).....	\$ 23.67	7.31
LABORER: Mason Tender - Cement/Concrete.....	\$ 24.06	7.31

PAIN0051-020 06/01/2016

	Rates	Fringes
PAINTER: Steel.....	\$ 34.23	10.30

PLAS0891-006 02/01/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 27.15	9.61

TEAM0639-009 06/01/2016

	Rates	Fringes
TRUCK DRIVER (DUMP TRUCK).....	\$ 21.70	2.41+a

a. VACATION: Employees will receive one (1) week's paid vacation after one (1) year of service.

SUMD2010-074 07/08/2010

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 24.00	10.16
LABORER: Flagger.....	\$ 15.71	8.58
LABORER: Grade Checker.....	\$ 14.62	3.08

LABORER: Landscape.....	\$ 17.72	8.58
LABORER: Mason Tender - Brick...	\$ 15.93	7.83
LABORER: Pipelayer.....	\$ 15.50	0.00
OPERATOR: Backhoe.....	\$ 19.15	4.05
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 16.41	5.15
OPERATOR: Gradall.....	\$ 20.50	8.89
OPERATOR: Grader/Blade.....	\$ 19.00	5.00
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 17.53	9.07
OPERATOR: Roller.....	\$ 16.95	5.61
OPERATOR: Trackhoe.....	\$ 18.98	7.32
PAINTER: Brush, Roller and Spray.....	\$ 24.32	6.91
PIPEFITTER.....	\$ 21.25	5.31
TRUCK DRIVER: Lowboy Truck.....	\$ 17.17	9.98

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

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the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
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Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: MD170034 01/13/2017 MD34

Superseded General Decision Number: MD20160034

State: Maryland

Construction Type: Heavy

County: Montgomery County in Maryland.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

CARP0177-014 05/01/2016

	Rates	Fringes
CARPENTER (Including Form Work).....	\$ 27.81	9.93

* ELEC0026-019 11/07/2016

	Rates	Fringes
ELECTRICIAN.....	\$ 44.15	16.47+a

a. PAID HOLIDAYS: New Year's Day, Inauguration Day, Martin Luther King Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day.

ENGI0077-014 05/01/2016

	Rates	Fringes
OPERATOR: Bulldozer.....	\$ 29.61	8.75+a
OPERATOR: Crane		
35 ton Cranes and Above.....	\$ 35.12	8.75+a
Cranes Below 35 tons.....	\$ 33.02	8.75+a
Tower and Climbing Cranes....	\$ 36.92	8.75+a

Tower Cranes and Cranes

100 tons and Over.....	\$ 36.92	8.75+a
OPERATOR: Drill.....	\$ 35.12	8.75+a
OPERATOR: Excavator.....	\$ 29.61	8.75+a
OPERATOR: Mechanic.....	\$ 38.01	8.75+a
OPERATOR: Piledriver.....	\$ 33.02	8.75+a

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

IRON0201-006 05/01/2016

	Rates	Fringes
IRONWORKER, REINFORCING.....	\$ 27.90	19.13

LABO0657-019 06/01/2015

	Rates	Fringes
LABORER: Mason Tender - Cement/Concrete.....	\$ 24.06	7.31

PAIN0051-020 06/01/2016

	Rates	Fringes
PAINTER: Steel.....	\$ 34.23	10.30

PLAS0891-006 02/01/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 27.15	9.61

TEAM0639-008 06/01/2016

	Rates	Fringes
TRUCK DRIVER, Includes Dump Truck.....	\$ 21.70	2.41+a
TRUCK DRIVER: Lowboy Truck.....	\$ 23.70	2.41+a

a. VACATION: Employees will receive one (1) week's paid vacation after one (1) year of service.

SUMD2010-073 07/08/2010

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 24.00	10.16
LABORER: Common or General.....	\$ 14.01	0.00
LABORER: Flagger.....	\$ 15.71	8.58

LABORER: Grade Checker.....	\$ 14.62	3.08
LABORER: Landscape.....	\$ 17.72	8.58
LABORER: Mason Tender - Brick...	\$ 15.93	7.83
LABORER: Pipelayer.....	\$ 15.50	0.00
OPERATOR: Backhoe.....	\$ 22.00	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader.....	\$ 16.41	5.15
OPERATOR: Gradall.....	\$ 20.50	8.89
OPERATOR: Grader/Blade.....	\$ 19.00	5.00
OPERATOR: Loader.....	\$ 17.50	0.00
OPERATOR: Mechanic.....	\$ 22.12	6.22
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 17.53	9.07
OPERATOR: Piledriver.....	\$ 19.95	4.50
OPERATOR: Roller.....	\$ 16.50	5.34
OPERATOR: Trackhoe.....	\$ 18.98	7.32
PAINTER: Brush, Roller and Spray.....	\$ 24.32	6.91
PIPEFITTER.....	\$ 22.51	6.47

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

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within

the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

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Classification(s) listed under the UAVG identifier indicate

that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

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Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material,

etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: VA170035 01/13/2017 VA35

Superseded General Decision Number: VA20160035

State: Virginia

Construction Types: Heavy (Heavy and Sewer and Water Line)

Counties: Alexandria*, Arlington, Clarke, Culpeper, Frederick, Fredericksburg*, Spotsylvania and Winchester* Counties in Virginia.

*INDEPENDENT CITIES

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

BRVA0001-003 05/01/2016

	Rates	Fringes
MASON - STONE.....	\$ 35.91	16.17

CARP0177-012 05/01/2016

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 27.81	9.93

* ELEC0026-023 11/07/2016

ARLINGTON COUNTY, Cities of Alexandria and Fredericksburg

	Rates	Fringes
ELECTRICIAN.....	\$ 44.15	16.47+a

a. PAID HOLIDAYS: New Year's Day, Inauguration Day, Martin Luther King Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after

Thanksgiving and Christmas Day.

 * ELEC0026-024 11/07/2016

CLARKE, CULPEPER, FREDERICK COUNTIES, SPOTSYLVANIA COUNTY
 (Excluding the City of Fredericksburg), City of Winchester

	Rates	Fringes
ELECTRICIAN.....	\$ 30.06	15.85+a

a. PAID HOLIDAYS: New Year's Day, Inauguration Day, Martin Luther King Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day.

 ENGI0077-019 05/01/2013

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
35 ton Cranes and Above.....	\$ 32.89	8.45+a
Cranes Below 35 tons.....	\$ 32.40	8.45+a
Mechanic.....	\$ 34.34	8.45+a
Tower and Climbing Cranes...\$	32.89	8.45+a
Tower Cranes and Cranes		
100 tons and Over.....	\$ 33.96	8.45+a

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

b. PREMIUM PAY:

Tower crane and cranes 100-ton and over to receive \$1.00 per hour premium.

 LABO0710-010 04/01/2010

	Rates	Fringes
LABORER: Pipelayer.....	\$ 16.61	5.41

 PAIN0051-014 06/01/2014

	Rates	Fringes
GLAZIER		
Glazing Contracts \$2 million and under.....	\$ 24.77	9.85
Glazing Contracts over \$2 million.....	\$ 28.61	9.85

 PLAS0891-006 02/01/2014

	Rates	Fringes
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CEMENT MASON/CONCRETE FINISHER...\$ 27.15 9.61

 SUVA2010-036 09/01/2010

	Rates	Fringes
DIVER TENDER.....	\$ 22.53	3.98
DIVER.....	\$ 23.73	4.21
IRONWORKER, REINFORCING.....	\$ 22.45	11.85
IRONWORKER, STRUCTURAL.....	\$ 20.55	8.25
LABORERS		
Common or General.....	\$ 11.24	1.32
Flagger.....	\$ 7.39	0.20
Landscape.....	\$ 10.00	
POWER EQUIPMENT OPERATOR:		
Backhoe.....	\$ 18.47	0.75
Bobcat/Skid Loader.....	\$ 11.40	
Bulldozer.....	\$ 17.54	
Excavator.....	\$ 17.79	
Loader.....	\$ 18.99	0.75
Trackhoe.....	\$ 12.75	1.24
Tugboat.....	\$ 19.00	
TRUCK DRIVER, Includes All		
Dump Trucks.....	\$ 12.14	0.75

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

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

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Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010

08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an

interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

General Decision Number: VA170043 01/13/2017 VA43

Superseded General Decision Number: VA20160043

State: Virginia

Construction Types: Heavy (Heavy and Sewer and Water Line)

Counties: Fairfax, Fairfax* and Falls Church* Counties in Virginia.

*INDEPENDENT CITIES

HEAVY CONSTRUCTION PROJECTS (Including Sewer and Water Lines)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/13/2017

BRVA0001-003 05/01/2016

	Rates	Fringes
MASON - STONE.....	\$ 35.91	16.17

CARP0177-012 05/01/2016

	Rates	Fringes
CARPENTER, Includes Form Work....	\$ 27.81	9.93

* ELEC0026-019 11/07/2016

	Rates	Fringes
ELECTRICIAN.....	\$ 44.15	16.47+a

a. PAID HOLIDAYS: New Year's Day, Inauguration Day, Martin Luther King Jr.'s Birthday, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day, the day after Thanksgiving Day and Christmas Day.

ENGI0077-019 05/01/2013

	Rates	Fringes
POWER EQUIPMENT OPERATOR:		
35 ton Cranes and Above.....	\$ 32.89	8.45+a
Cranes Below 35 tons.....	\$ 32.40	8.45+a
Mechanic.....	\$ 34.34	8.45+a
Tower and Climbing Cranes...	\$ 32.89	8.45+a
Tower Cranes and Cranes		
100 tons and Over.....	\$ 33.96	8.45+a

a. PAID HOLIDAYS: New Year's Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans' Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

b. PREMIUM PAY:
Tower crane and cranes 100-ton and over to receive \$1.00 per hour premium.

LABO0710-010 04/01/2010

	Rates	Fringes
LABORER: Pipelayer.....	\$ 16.61	5.41

PAIN0051-014 06/01/2014

	Rates	Fringes
GLAZIER		
Glazing Contracts \$2 million and under.....	\$ 24.77	9.85
Glazing Contracts over \$2 million.....	\$ 28.61	9.85

PLAS0891-006 02/01/2014

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER...	\$ 27.15	9.61

SUVA2010-044 09/02/2010

	Rates	Fringes
DIVER TENDER.....	\$ 22.53	3.98
DIVER.....	\$ 23.73	4.21
IRONWORKER, REINFORCING.....	\$ 22.45	11.85
IRONWORKER, STRUCTURAL.....	\$ 20.55	8.25
LABORERS		
Common or General.....	\$ 11.85	1.32
Flagger.....	\$ 7.39	0.20
Landscape.....	\$ 10.00	

POWER EQUIPMENT OPERATOR:

Backhoe.....	\$ 18.47	0.75
Bobcat/Skid Loader.....	\$ 11.40	
Bulldozer.....	\$ 17.54	
Excavator.....	\$ 17.79	
Loader.....	\$ 18.99	0.75
Trackhoe.....	\$ 12.75	1.24
Tugboat.....	\$ 19.00	

TRUCK DRIVER, Includes All

Dump Trucks.....	\$ 12.14	0.75
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WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were

prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

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A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

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On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

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U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

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.

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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

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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.

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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;

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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.

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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.