

Serial Number: RFP-FQ15093/GG
Date of Issue: April 16, 2015
Proposal Due Date: Aug 14, 2015

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
600 FIFTH STREET, N.W.
WASHINGTON, D.C. 20001

July 21, 2015

AMENDMENT NO. 2
TO
REQUEST FOR PROPOSALS
FOR
REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER
TO GROSVENOR - STRATHMORE STATION
FQ15093/GG

TO WHOM IT MAY CONCERN:

The Request For Proposals for Proposal Documents accompanying RFP FQ15093/GG requesting Proposals for the above project are hereby changed in part as listed below.

1. Volume 1 – Division 0

Delete the following pages and in lieu thereof replace the accompanying pages:

| <u>DELETE</u> | <u>REPLACE</u> | <u>DESCRIPTION</u> |
|--------------------------------|---------------------------------|--------------------|
| 00005-2 | 00005-2 AM2 | Revised |
| 00100-1 | 00100-1 AM2 | Revised |
| 00100-3 | 00100-3 AM2 | Revised |
| 00200-9 | 00200-9 AM2 | Revised |
| 00200-10 | 00200-10 AM2 | Revised |
| 00200-13 | 00200-13 AM2 | Revised |
| 00200-14 | 00200-14 AM2 | Revised |
| 00200-15 | 00200-15 AM2 | Revised |
| 00434 | 00434 AM2 | Revised |
| 00800-4 | 00800-4 AM2 | Revised |
| 00800-12 | 00800-12 AM2 | Revised |
| 00800-13 | 00800-13 AM2 | Revised |
| 00800-14 | 00800-14 AM2 | Revised |
| Appendix D to Section 00867 | Appendix D Section 00867 AM2 | Revised Revised |

2. Volume 1 – Division 1

Delete the following pages and in lieu thereof replace the accompanying pages:

| <u>DELETE</u> | <u>REPLACE</u> | <u>DESCRIPTION</u> |
|---------------|----------------|--------------------|
| 01110-4 | 01110-4 AM2 | Revised |
| 01110-5 | 01110-5 AM2 | Revised |
| 01111-5 | 01111-5 AM2 | Revised |
| 01112-16 | 01112-16 AM2 | Revised |
| 01141-5 | 01141-5 AM2 | Revised |
| 01141-6 | 01141-6 AM2 | Revised |

3. Volume 2 – Divisions 2 through 16

Delete the following pages and in lieu thereof replace the accompanying pages:

| <u>DELETE</u> | <u>REPLACE</u> | <u>DESCRIPTION</u> |
|---------------|----------------|--------------------|
| 02220-2 | 02220-2 AM2 | Revised |
| 03371-1 | 03371-1 AM2 | Revised |
| 04415-5 | 04415-5 AM2 | Revised |

4. Volume 3 – RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work

Delete the following drawings and in lieu thereof add the accompanying drawings:

| <u>DELETE</u> | <u>ADD</u> | <u>DESCRIPTION</u> |
|--------------------|------------------------|--------------------|
| G-002 | G-002 AM2 | New |
| G-003 | G-003 AM2 | New |
| N/A | G-003C AM2 | New |
| N/A | G-003D AM2 | New |
| A09-A-102 | A09-A-102 AM2 | New |
| A09-A-301 | A09-A-301AM2 | New |
| N/A | A09-T-001 AM2 | New |
| N/A | A09-T-002 AM2 | New |
| A10-A-500 | A10-A-500AM2 | New |
| A10-E-001 | A10-E-001 AM2 | New |
| A10-E-101 (Part 1) | A10-E-101 (Part 1) AM2 | New |
| A10-E-101 (Part 2) | A10-E-101 (Part 2) AM2 | New |
| A10-FP-101 | A10-FP-101 AM2 | New |
| A10-G-101A | A10-G-101A AM2 | New |
| A10-G-102A | A10-G-102A AM2 | New |
| A10-S-201 | A10-S-201 AM2 | New |
| A10-S-202 | A10-S-202 AM2 | New |
| A10-S-303A | A10-S-303A AM2 | New |
| A10-S-501A | A10-S-501A AM2 | New |
| A10-S-505A | A10-S-505A AM2 | New |
| A10-S-506A | A10-S-506A AM2 | New |
| A11-A-100 | A11-A-100 AM2 | New |
| A11-A-101 | A11-A-101 AM2 | New |
| A11-A-102 | A11-A-102 AM2 | New |
| A11-A-103 | A11-A-103 AM2 | New |
| A11-A-150 | A11-A-150 AM2 | New |
| A11-A-500 | A11-A-500 AM2 | New |
| A11-A-501 | A11-A-501 AM2 | New |
| A11-A-502 | A11-A-502 AM2 | New |
| A11-A-503 | A11-A-503 AM2 | New |
| A11-A-552 | A11-A-552 AM2 | New |

| | | |
|-----------|---------------|-----|
| A11-E-001 | A11-E-001 AM2 | New |
| A11-E-100 | A11-E-100 AM2 | New |
| A11-E-202 | A11-E-202 AM2 | New |
| A11-E-501 | A11-E-501 AM2 | New |
| A11-M-350 | A11-M-350 AM2 | New |
| A13-S-001 | A13-S-001 AM2 | New |
| A13-S-108 | A13-S-108 AM2 | New |
| A13-S-300 | A13-S-300 AM2 | New |
| A13-S-301 | A13-S-301 AM2 | New |
| A13-S-302 | A13-S-302 AM2 | New |
| A13-S-500 | A13-S-500 AM2 | New |
| A13-S-501 | A13-S-501 AM2 | New |

| | | |
|-------------------|-----------------------|-----|
| S-1 (Part 6 MTA) | S-1 AM2 (Part 6 MTA) | New |
| S-4 (Part 6 MTA) | S-4 AM2 (Part 6 MTA) | New |
| S-6 (Part 6 MTA) | S-6 AM2 (Part 6 MTA) | New |
| S-8 (Part 6 MTA) | S-8 AM2 (Part 6 MTA) | New |
| S-10 (Part 6 MTA) | S-10 AM2 (Part 6 MTA) | New |
| S-11 (Part 6 MTA) | S-11 AM2 (Part 6 MTA) | New |

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|---------|-------------|-----|
| T-E-001 | T-E-100 AM2 | New |
| T-E-100 | T-E-100 AM2 | New |
| T-E-101 | T-E-101 AM2 | New |
| T-E-102 | T-E-102 AM2 | New |
| T-E-103 | T-E-103 AM2 | New |
| T-E-104 | T-E-104 AM2 | New |
| T-E-105 | T-E-105 AM2 | New |
| T-E-106 | T-E-106 AM2 | New |
| T-E-107 | T-E-107 AM2 | New |
| T-E-108 | T-E-108 AM2 | New |
| T-E-109 | T-E-109 AM2 | New |
| T-E-113 | T-E-113 AM2 | New |
| T-E-500 | T-E-500 AM2 | New |

PART 2: REFERENCE DRAWINGS

| | | |
|-----|-----------|-----|
| N/A | A10-E-100 | New |
| N/A | A10-E-611 | New |
| N/A | A10-E-612 | New |
| N/A | A10-E-613 | New |
| N/A | A10-E-614 | New |
| N/A | A10-E-620 | New |

PART 1: REFERENCE DRAWINGS

| | | |
|-----|-----------|-----|
| N/A | FA10-E-12 | New |
| N/A | FA10-E-13 | New |
| N/A | FA10-E-14 | New |
| N/A | FA10-E-15 | New |
| N/A | FA10-E-16 | New |
| N/A | FA10-E-17 | New |
| N/A | FA10-E-52 | New |
| N/A | FA10-E-66 | New |

| | | |
|-----|------------|-----|
| N/A | FA10-E-67 | New |
| N/A | FA10-E-68 | New |
| N/A | FA10-E-69 | New |
| N/A | FA12-E-5 | New |
| N/A | FA12-E-6 | New |
| N/A | FA12-E-7 | New |
| N/A | FA12-E-8 | New |
| N/A | FA12-E-10 | New |
| N/A | FA12-E-13 | New |
| N/A | FA12-E-14 | New |
| N/A | FA12-E-15 | New |
| N/A | FA12-E-18 | New |
| N/A | FA12-E-41 | New |
| N/A | FA12-E-142 | New |
| N/A | FA12-E-65 | New |
| N/A | FA12-E-66 | New |
| N/A | FA12-E-67 | New |
| N/A | FA12-E-68 | New |
| N/A | FA12-E-69 | New |
| N/A | FA12-E-70 | New |
| N/A | FA12-E-71 | New |
| N/A | FA12-E-72 | New |
| N/A | FA12-E-73 | New |
| N/A | FA12-E-74 | New |
| N/A | FA12-E-75 | New |
| N/A | FA12-E-76 | New |
| N/A | FA12-E-77 | New |
| N/A | FA12-E-78 | New |
| N/A | FA12-E-79 | New |

PART 6: REFERENCE DRAWINGS

DESIGN OF NEW STAIR FOR BETHESDA STATION - CONTRACT NO. 13-FQ1 0060-MCAP-19

| | | |
|-----|-------|-----|
| N/A | G-001 | New |
| N/A | G-002 | New |
| N/A | A-001 | New |
| N/A | A-002 | New |
| N/A | A-100 | New |
| N/A | A-200 | New |
| N/A | A-300 | New |
| N/A | A-301 | New |
| N/A | S-001 | New |
| N/A | S-100 | New |
| N/A | S-101 | New |
| N/A | S-102 | New |
| N/A | S-200 | New |
| N/A | S-201 | New |
| N/A | S-202 | New |
| N/A | S-203 | New |
| N/A | S-300 | New |
| N/A | S-301 | New |

| | | |
|-----|-------|-----|
| N/A | E-001 | New |
| N/A | E-100 | New |
| N/A | E-101 | New |
| N/A | E-102 | New |
| N/A | E-600 | New |
| N/A | E-601 | New |

PART 3: REFERENCE DRAWINGS

| | | |
|-----|-----------|-----|
| N/A | A13-U-7 | New |
| N/A | A13-U-66 | New |
| N/A | A13-U-8 | New |
| N/A | A13-U-9 | New |
| N/A | A13-U-10 | New |
| N/A | A13-U-11 | New |
| N/A | A13-S-57 | New |
| N/A | A13-S-1 | New |
| N/A | A13-S-20 | New |
| N/A | A13-S-22 | New |
| N/A | A13-S-2 | New |
| N/A | A13-S-3 | New |
| N/A | A13-S-4 | New |
| N/A | A13-S-34 | New |
| N/A | A13-S-36 | New |
| N/A | A13-S-37 | New |
| N/A | A13-S-83 | New |
| N/A | A13-S-42 | New |
| N/A | A13-S-86 | New |
| N/A | A13-S-58 | New |
| N/A | A13-S-59 | New |
| N/A | A13-S-19 | New |
| N/A | A13-S-43 | New |
| N/A | A13-S-17 | New |
| N/A | A13-S-90 | New |
| N/A | A13-S-6 | New |
| N/A | A13-S-5 | New |
| N/A | A13-S-91 | New |
| N/A | A13-S-49 | New |
| N/A | A13-S-40 | New |
| N/A | A13-S-44 | New |
| N/A | A13-S-173 | New |
| N/A | A13-S-174 | New |
| N/A | A13-S-175 | New |
| N/A | ST-S-1 | New |
| N/A | ST-S-4 | New |
| N/A | ST-S-6 | New |
| N/A | ST-S-7 | New |
| N/A | ST-S-9 | New |
| N/A | A13-S-172 | New |
| N/A | A13-S-16 | New |
| N/A | A13-S-14 | New |
| N/A | A13-S-15 | New |

| | | |
|-----|-----------|-----|
| N/A | A13-S-18 | New |
| N/A | A13-S-21 | New |
| N/A | A13-S-146 | New |
| N/A | A13-S-163 | New |
| N/A | A13-S-10 | New |
| N/A | A13-S-11 | New |
| N/A | A13-S-12 | New |
| N/A | A13-S-13 | New |
| N/A | A13-S-140 | New |
| N/A | A13-S-144 | New |
| N/A | A13-S-145 | New |
| N/A | A13-S-63 | New |
| N/A | A13-S-56 | New |
| N/A | A13-S-56 | New |
| N/A | A13-S-62 | New |
| N/A | A13-S-61 | New |
| N/A | A13-S-55 | New |
| N/A | A13-S-54 | New |
| N/A | A13-S-48 | New |
| N/A | A13-S-47 | New |
| N/A | A13-S-46 | New |
| N/A | A13-S-41 | New |
| N/A | A13-S-39 | New |
| N/A | A13-S-38 | New |
| N/A | A13-S-45 | New |
| N/A | A13-S-35 | New |
| N/A | A13-S-33 | New |
| N/A | A13-S-32 | New |
| N/A | A13-S-31 | New |
| N/A | A13-S-30 | New |
| N/A | A13-S-29 | New |
| N/A | A13-S-28 | New |
| N/A | A13-S-27 | New |
| N/A | A13-S-26 | New |
| N/A | A13-S-25 | New |
| N/A | A13-S-24 | New |
| N/A | A13-S-23 | New |
| N/A | A13-S-121 | New |
| N/A | A13-S-191 | New |
| N/A | A13-S-92 | New |
| N/A | A13-S-106 | New |
| N/A | A13-S-141 | New |
| N/A | A13-S-131 | New |
| N/A | A13-S-148 | New |
| N/A | A13-S-159 | New |
| N/A | A13-S-149 | New |
| N/A | A13-S-150 | New |
| N/A | A13-S-137 | New |
| N/A | A13-S-138 | New |
| N/A | A13-S-134 | New |
| N/A | A13-S-129 | New |
| N/A | A13-S-138 | New |
| N/A | A13-S-136 | New |

| | | |
|-----|-----------|-----|
| N/A | A13-S-147 | New |
| N/A | A13-S-160 | New |
| N/A | A13-S-135 | New |
| N/A | A13-S-130 | New |
| N/A | A13-S-142 | New |
| N/A | A13-S-143 | New |
| N/A | A13-S-164 | New |
| N/A | A13-S-154 | New |
| N/A | A13-S-166 | New |
| N/A | A13-S-84 | New |
| N/A | A13-S-88 | New |
| N/A | A13-S-93 | New |
| N/A | A13-S-80 | New |
| N/A | A13-S-120 | New |
| N/A | A13-S-122 | New |
| N/A | A13-S-7 | New |
| N/A | A13-S-60 | New |
| N/A | A13-S-105 | New |
| N/A | A13-S-104 | New |
| N/A | A13-S-103 | New |
| N/A | A13-S-79 | New |
| N/A | A13-S-78 | New |
| N/A | A13-S-77 | New |
| N/A | A13-S-76 | New |
| N/A | A13-S-110 | New |
| N/A | A13-S-111 | New |
| N/A | A13-S-109 | New |
| N/A | A13-S-112 | New |
| N/A | A13-S-113 | New |
| N/A | A13-S-152 | New |
| N/A | A13-S-153 | New |
| N/A | A13-S-73 | New |
| N/A | A13-S-74 | New |
| N/A | A13-S-75 | New |
| N/A | A13-S-161 | New |
| N/A | A13-S-168 | New |
| N/A | A13-S-169 | New |
| N/A | A13-S-67 | New |
| N/A | A13-S-96 | New |
| N/A | A13-S-101 | New |
| N/A | A13-S-69 | New |
| N/A | A13-S-155 | New |
| N/A | A13-S-156 | New |
| N/A | A13-S-162 | New |
| N/A | A13-S-170 | New |
| N/A | A13-S-171 | New |

5. Volume 10 – Attachments

Delete the following pages and in lieu thereof replace the accompanying pages:

| <u>DELETE</u> | <u>REPLACE</u> | <u>DESCRIPTION</u> |
|---------------|---|--------------------|
| N/A | 1Z009C-M0523 Tunnel and ROW Graphics-TG-6_As Builds | New |
| N/A | Medical Center Crossover END Walls – Pictures | New |

6. Acknowledgment

Proposers are required to acknowledge receipt of this Amendment on the Technical and Price proposal Forms (p.00412-1 and p.00413-1) in the space provided. Failure to acknowledge all Amendments may cause the Proposal to be considered non responsive to the RFP, which would require rejection of the Proposal.



Richard Owens
Contracting Officer

Enclosures

* * * * *

SECTION 00005
TABLE OF CONTENTS
FOR
CONTRACT DOCUMENTS

Volume 1 – Specifications: Divisions 0 and 1

Volume 2 – RFP Technical Specifications for construction part of the Work, RFP Technical Specifications for design-build part of the Work

Volume 3 – RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work

Volume 4 – WMATA Standard Specifications

Volume 5 – WMATA Standard Drawings

Volume 6 – WMATA Manual of Design Criteria, WMATA Signage Criteria Manual and WMATA Design Directive Drawings (WMATA Signage Criteria Manual will be issued as an Amendment to the RFP)

Volume 7 – WMATA CAD Manual

Volume 8 – WMATA Safety and Security Plans and Documents

- WMATA System Safety Program Plan (SSPP)
- WMATA Construction Safety and Environmental Manual (CSEM)
- Metrorail Safety Rules and Procedures Handbook (MSRPH)
- OAP 200-33 Site Specific Work Plan (SSWP)
- Safety and Security Certification Program Plan (SSCPP)
- Roadway Worker Protection Manual (RWPM)

Volume 9 – WMATA Specification Preparation Style and Usage Guide

Volume 10 – Attachments

- ADA Key and New Station Checklist
- MSDS Review Request Form
- Sample Certifiable Items List (CIL)
- Design Review Form
- Sample Preventive Maintenance Instruction (PMI)
- Background Screening Form
- C 113, Daily Report and Period of Delay Form
- Office of Rail Transportation Maintenance Operations Control Administrative Procedure
- Maryland Department of the Environment Discharge Permit
- Revenue Service Adjustment Form
- General Orders and Track Rights System (GOTRS) Request Form
- Escort Request Form
- Switch Order Form
- Site Specific Work Plan (SSWP) Form
- 2013_2014 Severe Weather Operations Plan
- 1Z009C-M0523 Tunnel and ROW Graphics-TG-6_As Builds **AM2**
- Medical Center Crossover END Walls - Pictures **AM2**

SECTION 00100
REQUEST FOR PROPOSAL

This Section includes Project information for Proposers.

NOTICE TO PROPOSERS

Contract No. FQ15093/GG includes RFP Documents for:

Project Name: Rehabilitation of Red Line Metro Rail System from Friendship Heights Crossover to Grosvenor-Strathmore Station

Technical Proposals and Price Proposals for the Work described herein shall be submitted in an envelope by the Proposers so as to be received at the Office of Procurement, Washington Metropolitan Area Transit Authority, Office of Procurement, PRMT File Room 3C-02, 600 Fifth Street, N.W., Washington, D.C. 20001. Technical and Price Proposals shall be mailed in a timely fashion or hand delivered to reach WMATA before 3:00 PM (local time) on August 14, 2015. Questions may be directed to Guzel Gufranova at 202-962-5544 or at ggufranova@wmata.com. **AM1 AM2**

DIRECTIONS TO SUBMITTING PROPOSER: Read and comply with the Solicitation Instructions. In addition to other submission requirements set forth in this Request for Proposal and all Amendments, the following must be properly executed, completed, and submitted separately as part of the offer:

A. TECHNICAL PROPOSAL:

1. Technical Proposal Form (properly executed)¹, Section 00412
2. Technical Proposal (Refer to Technical Proposal evaluation factors listed in Section 00200, INSTRUCTIONS TO PROPOSERS)
3. Compliance/Exception Information, Section 00432
4. Brand Name or Equal Form, Section 00433

B. PRICE PROPOSAL:

1. Price Proposal Form (properly executed¹), Section 00413
2. Price Proposal Schedule, Section 00434
3. Proposal Guarantee, Section 00431, Proposal Security (Proposal Bond Form)
4. Proposal Data Form with Supporting Data, Section 00452
5. Representations and Certifications, Section 00451
6. DBE Data, Section 00453

PROPOSAL(S) MUST SET FORTH FULL, ACCURATE, AND COMPLETE INFORMATION AS REQUIRED BY THIS REQUEST FOR PROPOSAL, INCLUDING ALL AMENDMENTS

¹The separate sealed Technical and Price Proposal Forms must be marked with offer under Solicitation RFP No. FQ 15093/GG and with acknowledgement of all Amendments.

- | | | |
|--|------------|------------|
| 3. Technical and Price Proposal: August 14, 2015 | AM1 | AM2 |
| 4. Notice of Award: December 3, 2015 | AM1 | AM2 |
| 5. Notice to Proceed: January 5, 2016 | AM1 | AM2 |

END OF SECTION

- a. Discussions: Oral or written communications including negotiations between the Authority and a Proposer (other than clarifications) that involve information essential for determining the acceptability of the Proposal or to rectify identified defects in the Proposal.
 - b. Clarifications: Communication with a Proposer for the sole purpose of eliminating minor irregularities, informalities, or apparent clerical mistakes in the Proposal. Unlike discussions, clarification does not give the Proposer an opportunity to revise or modify its Proposal, except to the extent that correction of apparent clerical mistakes results in revision.
 - c. Deficiencies: Defects in the Proposal could preclude acceptance. Involves any part of the Proposer's Proposal, which would not satisfy the Authority's evaluation standards established in the Solicitation. Includes failures to meet specifications, submit information, or questionable technical or management approaches. Deficiencies identified during the evaluation of the Proposal will be of one of two categories:
 - 1) Material: Material-basis for rejection because further discussions would not be prudent.
 - 2) Curable: May be corrected by clarification or discussions and brought into the acceptable range.
 - d. Weakness: Includes ambiguities, lack of complete descriptions, errors in interpretation, omissions of essential information, and inadequate information, all of which are considered reparable in discussions. An excessive number of clarifications may in itself constitute a weakness.
 - e. Strengths: Elements of the Proposal that exceed the evaluation standards of the Solicitation and provide an identified benefit to the Authority.
5. Ratings: Based upon the evaluations, a numeric rating will be given depicting how well the Proposer's Proposal meets the stated evaluation factors and Solicitation requirements for the Technical Proposal. The numeric criteria are as follows:
- a. 5: Exceeds evaluation standards in a beneficial way to the Authority, has many significant strengths and no weaknesses or deficiencies, and is innovative, comprehensive, and complete in all details.
 - b. 4: Exceeds evaluation standard in a beneficial way to the Authority, has some strengths and no significant weaknesses, and is comprehensive and complete in all details.
 - c. 3: Meets evaluation standards and any weaknesses are readily correctable.
 - d. 2: Fails to meet evaluation standards, however, any significant deficiencies are correctable. The Proposal lacks essential information to support Proposal.
 - e. 0: Fails to meet an evaluation standard, and the deficiency is uncorrectable. Proposal would have to undergo a major revision to become acceptable. The Proposal has demonstrated lack of understanding of the Authority's requirements or omissions of major areas.

B. Technical Proposal Evaluation Factors:

FACTOR 1 PAST PERFORMANCE

An evaluation of the Proposer's past performance will be conducted.

Proposer shall demonstrate that it had completed or substantially completed at least two (2) Design Build projects of similar size and complexity within the last five (5) years. In order to be considered at least one (1) of these projects must be in

excess of \$25 million and must have been constructed in an existing operating railroad system; the Designer must have successfully completed work as Designer for an existing operating railroad system of similar complexity. For the purposes of this paragraph a project is substantially complete when the construction site can be used for its intended purposes. Full project completion is desirable.

AM2

AM2

The Proposer shall provide:

- 1) A minimum of one reference for each of the aforementioned two (2) projects to include:
 - name of project owner,
 - project address,
 - verified, up-to-date name, telephone number and email address of the Contracting Officer and
 - verified, up-to-date name, telephone number and email address of the Program Manager
 - a description of services provided,
 - contract number, contract type and contract value.
 - comments regarding adherence to contractual project schedule
 - comments regarding any known performance deemed unacceptable to the customer, or not in accordance with the contract terms and conditions
 - comments regarding compliance with contract terms and conditions
 - statement if the project is substantially complete
 - statement if the project is fully complete
 - date of substantial completion if the project is substantially complete and date of final completion if the project is complete.
- 2) A list of all subcontractors (which may include but not be limited to specialty equipment, electrical, precast concrete designer and manufacturer, precast concrete installer, post tensioning, cast in place concrete, electrical, mechanical, bridge repairs), that will perform major or critical aspects of the Work (20% or more of contract value) with the following information: Identify which parts of the Project they will be assigned to (ie; Tunnel Rehab, Medical Center Crossover, Grosvenor Aerial, Grosvenor Station and Platform, Bethesda Mezzanine)
 - Subcontractor name and address.
 - Name, telephone number and email address of the Subcontractor point of contact for this Project.
 - Narrative of Subcontractor experience which shows Subcontractor's relevant experience over the past five (5) years.
- 3) List all licenses/certifications and expiration dates required by jurisdictional agencies for Designer
- 4) Demonstrated experience of the Proposer and the Designer and other one or more key Subcontractors, having completed at least 1 (one) project together successfully is highly desirable.

In evaluating Past Performance, the Authority may contact some or all of the references provided by the Proposer and may contact other sources of information. The Authority may evaluate the performance of the proposed key subcontractors. The Authority may obtain past performance information from Authority records and references from other agencies for which the Proposer had previously worked.

If a teaming arrangement or joint venture is contemplated, each or leading party must respond to items 1-5 listed above.

Response to past performance evaluation factor shall not exceed twenty five (25) pages.

FACTOR 2 KEY PERSONNEL AND PROJECT TEAM

Proposal shall provide information to demonstrate that the Proposer has the capability in terms of personnel required to accomplish the Work. The summary shall include the following:

- Proposed technical approach and methodologies for accomplishing the objectives of each of the abovementioned Work elements to include detailed technical approach for installation, testing, cutover, substantial completion and final acceptance. The Proposer is to demonstrate a clear plan of how to accomplish the entire scope of Work within the allotted quantity of RSA's, as referenced in Section 01141 ACCESS TO SITE, which are eight (8) Weekend Single Trackings and twelve (12) weekend Total Shutdowns with minimal Work occurring on the week night Non-revenue Hours of Work. If through the Proposer's calculations it is determined that the entire scope of Work will not be possible to complete within the quantity of allotted RSA's, the Proposer is to describe their plan to complete the Work including their recommended quantity of RSAs and a detailed explanation of why it is not possible to achieve the entire scope of Work within the quantity of RSAs provided. **AM2**
- The Proposer is to describe their plan to protect existing to remain cabling and conduits in the Medical Center Crossover. The Proposer is to propose a detailed plan to accomplish this using active and passive measures.
- Demonstration of the management structure organized by the Design-Builder, including managing the separate abovementioned Work elements and their relationships.
- A detailed description, illustration and charts of the design build approach that will be implemented to complete each of the identified design-build work elements and the construction methodology, including sequencing, equipment, materials and manpower to be employed to construct the various work elements.
- A list of all necessary rail mounted track equipment for the performance of the Work that the Proposer plans to use including but not limited to work train with flat car, high rail equipment, other rail equipment as needed and all supporting equipment needed to deliver and load track equipment on WMATA track rail (for example - cranes etc.). Refer to Division 1, Section 01141 ACCESS TO SITE, PART 3, PARAGRAPH 3.01, DELIVERY OF SUPPLIES, EQUIPMENT AND COMPONENTS TO THE SITE for WMATA requirements to this equipment.
- A detailed narrative which clearly indicates how the proposed plan will be implemented and the cost/schedule impact and quality control that will be provided.
- Based on the Work, identify possible design and construction challenges resulting from working in an operating rail environment, and the effects of, but not limited to, limited work hours, access restriction, restoration of the stations and tracks to normal service, working in public area, safety requirements for power outage to work on the tracks, etc. Address each noted challenge reflecting the Proposer's understanding of the complexity of this project and its ability to develop viable solutions. List the possible detrimental effects to the operation of the Red line and its customers if the noted challenges are not fully and/or effectively addressed.
- A description of how Proposer will minimize discharges to the Discharge Pumping Stations during tunnel repair, construction or cleaning activity and how they will collect and dispose of the sediment material including method of disposal, use of a disposal contractor, etc. Refer to Section 01114DB, Safety Environmental Requirements, and Attachment "State Discharge Permit No. 08-DP-3437" for the requirements.
- The Work will require the coordination of local agencies, therefore, demonstration of knowledge of the local permitting process is desirable.

The Work Approach shall demonstrate creativity, practicality, and offer solid ideas for how to accomplish the Work. Mere repetition of the material in the Request for Proposal does not constitute a satisfactory response. Proposal must demonstrate the ability to prepare clear, concise, organized, and informative written materials. Evaluation of the Proposal will include evaluation of the organization, content and clarity of the Proposal itself. Credibility and viability of the proposed work approach will be evaluated.

Response to work approach evaluation factor shall not exceed forty (40) pages. List of rail mounted track equipment will not count against forty (40) pages limitation.

FACTOR 4 SCHEDULE COMPLIANCE

- Adherence to schedule is of paramount importance. Proposer shall demonstrate understanding of the Work restrictions, Work hours, utilization of RSA events and their limited quantity available. Design builder is to demonstrate their plan of how to maximize productivity in all parts of the total Work Site during each and every RSA; clearly showing the coordination of equipment movements versus crew movements as to not impede each other's progress, to ensure a steady and consistent flow of Work from the onset of the RSA to its finish.
- A detailed Critical Path Method (CPM) schedule with supporting narrative description of the construction methodology, including equipment, materials and manpower to be employed to construct the Project. The schedule must identify the critical and near critical path and explain how the critical activities will be controlled to meet schedule dates. The schedule should include the staffing requirements for each work element. The schedule shall depict the Work submitted for Factor 3, Work Approach. The schedule shall include durations for all major activities. The schedule shall also identify which specific shutdown and/or single tracking event each activity corresponds to.
- Early completion for each Work element described under Factor 3 Work Approach is very important to the Authority. The Proposers are encouraged to explore a compressed schedule, however, it must be reasonable, realistic, and achievable.
- Those Proposers that elect to pursue an earlier completion than specified in the Period of Performance, Section 00824 PERIOD OF PERFORMANCE AND PROJECT SCHEDULE, should submit a separate schedule and narrative, of the same detail as that for the "base" period, to demonstrate the Proposer's ability to achieve timely completion as well as detailed information as to how this affects the Project in terms of providing additional value.

WMATA will determine whether the stated benefits for early completion are in its best interest. Additional consideration will be given for a compressed schedule only if it meets the criteria stated and the Proposer provides evidence of a record of solid schedule compliance or accelerated performance on other projects of similar size and complexity.

- Proposer shall provide a risk register and a risk analysis narrative to include, as a minimum, risks of not completing the Work on time, mitigation plan, probability of completing the Work within the Period of Performance specified in Section 00824 PERIOD OF PERFORMANCE AND PROJECT SCHEDULE. Provide both a risk register and a risk analysis in PDF format.

Credibility and viability of the proposed Project schedule and supporting narrative will be evaluated.

For preparation of the Proposal the Proposer shall assume no unscheduled events which are described in Paragraph 1.08 (F) of Section 01141 ACCESS TO SITE.

Response to schedule compliance evaluation factor shall not exceed twenty five (25) pages. CPM schedule, a risk register and a risk analysis narrative will not count in the 25 page restriction.

FACTOR 5 SAFETY

Provide the following:

1. The Occupational Safety and Health Administration (OSHA) Lost time Injury Incidence Rate (LTIIR) for each of the preceding three (3) years.
2. Provide the Experience Modification Rating (EMR) for each of the preceding three (3) years.
3. Copy of the organizational Health and Safety Program to be followed by the Contractor and all Subcontractors.
4. Copy of organizational Temporary Fire Protection Plan to be followed by the prime contractor and all subcontractors.
5. Name, address and telephone number of person in charge of the organizational safety program.
6. Provide plan to overcome safety challenges when working in a fully functional rapid transit system including a thorough understanding of the inherent dangers present. Provide examples of site specific work plans and job hazard analysis. Demonstrate understanding of the General Orders Track Rights System (GOTRS) and Switch Orders request process. Demonstrate understanding of implementing construction activities in compliance with the Roadway Worker Protection Plan. Credibility and realism of the plan will be evaluated.

In order to be considered Proposers must have an EMR rating of 1.0 or less and OSHA LTIIR must not exceed the current Bureau of Labor Statistics (BLS) LTIIR, items 3-5 hereto must be addressed and should be in compliance with Section 00340 WMATA SAFETY AND SECURITY REQUIREMENTS of Division 0 to the Solicitation.

Response to safety evaluation factor shall not exceed thirty (30) pages. Copy of the organizational Health and Safety Program and Copy of organizational Temporary Fire Protection Plan will not count in the 30 page restriction.

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- C. Technical Proposal Instructions: The information provided should be complete and clearly presented. If the information requested under a factor is presented elsewhere in the Proposal, the Proposer should cross reference this information that is provided elsewhere rather than duplicate it.
 1. Complete, sign, and submit Section 00412, TECHNICAL PROPOSAL FORM.
 2. A completed Section 00433, BRAND NAME OR EQUAL FORM
 3. Compliance/Exception Information, Section 00432
 4. Technical Proposal
- D.
 1. The Authority will evaluate Price Proposals for price reasonableness using cost or price analysis as deemed appropriate by the Authority in accordance with FAR 15.4. If cost analysis is appropriate, then the Proposer will furnish all necessary cost data of all direct and indirect cost elements and profit for all major Work efforts in sufficient detail to permit an analysis by the Authority.
 2. The Authority may determine that a Price Proposal is unacceptable if the prices proposed are materially unbalanced between line items or sub-line items. A price is materially unbalanced when the price of one or more line items is significantly overestimated or underestimated as indicated by the application of price analysis techniques. A materially unbalanced price presents an unacceptable risk to the Authority.

E. Price Proposal Evaluation Factors:

0434 Price Schedule - Submit with Price Proposal

| BI # | Discription | QTY | Unit Price | Unit | Total |
|--|---|--------|------------|------|--------|
| Part 2.1.1 Tunnel Rehabilitation & Medical Center Station Ceiling Replacement | | | | | |
| Medical Center Station Ceiling Replacement: | | | | | |
| 2.1.1.1A | Complete Ceiling replacement with New Acoustical snap-in metal pan ceilings , light fixtures , conduit , wiring, and Misc. devices in the Passageway | 1 | - | LS | \$ |
| 2.1.1.1B | Complete Ceiling replacement with New Acoustical snap-in metal pan ceilings , light fixtures , conduit , wiring, and Misc. devices under Mezzanine | 1 | - | LS | \$ |
| 2.1.1.2A | Removal & Replacement Medical Center Pasageway Hatch | 1 | - | LS | \$ |
| 2.1.1.2B | Passageway Waterproofing Coatings | 1 | - | LS | \$ |
| Tunnel Rehabilitation: | | | | | |
| 2.1.1.3A | Clean with power wash/hand tool the concrete lining, vault and end walls | 1 | - | LS | \$ |
| 2.1.1.3B | Remove heavy efflorescence on electrical cables | 4,940 | \$ | LF | \$ |
| 2.1.1.3C.1 | Type 1 T concrete repair | 5,350 | \$ | LF | \$ |
| 2.1.1.3C.2 | Type 2 T concrete repair | 1,925 | \$ | LF | \$ |
| 2.1.1.3C.3 | Type 3 T concrete repair | 28 | \$ | SF | \$ |
| 2.1.1.3C.4 | Type 4 T concrete repair | 47 | \$ | SF | \$ |
| 2.1.1.3C.5 | Type 5 T concrete repair | 10 | \$ | EA | \$ |
| 2.1.1.3C.6 | Type 6 T concrete repair | 100 | \$ | LF | \$ |
| 2.1.1.3D | Grating and floor plates | 1 | - | LS | \$ |
| 2.1.1.3E | Replace/Clean/repair Subway drainage system and Manholes | 1 | - | LS | \$ |
| 2.1.1.4A | Remove and replace existing ETS and ETS relay cabinets with all terminations in the tunnel areas | 1 | - | LS | \$ |
| 2.1.1.4B | Install All cables for ETS in tunnel including Mounting hardware | 1 | - | LS | \$ |
| 2.1.1.4C | Complete installation of ETS outside tunnel areas including cables testing | 1 | - | LS | \$ |
| 2.1.1.5A | Install Complete Load Center Cabinets w/Transformer, including mounting hardware and all wire terminations | 1 | - | LS | \$ |
| 2.1.1.5B | Install Duplex waterproof outlets, including NEMA 4x and mounting hardware and all wire terminations | 1 | - | LS | \$ |
| 2.1.1.5C | Install as per drawings all other Cables Except ETS cables in tunnel including Mounting hardware | 1 | - | LS | \$ |
| 2.1.1.5D | Remove and replace deteriorated, broken, missing Clamps for cables and conduits, miscellaneous devices, boxes, covers and hardware in tunnel. | 15,000 | - | EA | \$ |
| 2.1.1.5E | Remove old fixtures and cables in tunnel | 1 | - | LS | \$ |
| 2.1.1.5F | Install new Light fixtures in tunnel including Mounting hardware and terminations | 1 | - | LS | \$ |
| Sub Total for Part 2.1.1 Tunnel Rehabilitation & Medical Center Station Ceiling Replacement | | | | | [A] \$ |
| Part 2.1.2 Medical Center Crossover Waterproofing | | | | | |
| 2.1.2.6 | Installation of Medical Center Crossover Waterproofing as per drawings and specifications | 1 | - | LS | \$ |
| Sub Total for Part 2.1.2 Medical Center Crossover Waterproofing | | | | | [B] \$ |
| Part 2.1.3 Grosvenor Aerial Bearing Replacement, Drainage and Pier Cap Retrofits | | | | | |
| 2.1.3.7 | Hammer Head Construction (20 Each) | 1 | - | LS | \$ |
| 2.1.3.8 | Grout Pads - New & Repair Existing | 1 | - | LS | \$ |
| 2.1.3.9 | Bearing Replacement (at 4 Piers) | 1 | - | LS | \$ |
| 2.1.3.10 | Deck Joint Replacement | 1 | - | LS | \$ |
| 2.1.3.11 | Plumbing at Piers | 1 | - | LS | \$ |
| Sub Total for Part 2.1.3 Grosvenor Aerial Bearing Replacement, Drainage and Pier Cap Retrofits | | | | | [C] \$ |
| Part 2.1.4 Grosvenor Station Platform Rehabilitation | | | | | |
| 2.1.4.12 | Platform Structural Slab Edge demo and replacement | 1 | - | LS | \$ |
| 2.1.4.13 | Granite Edge Removal and Replacement including waterproofing | 1 | - | LS | \$ |
| 2.1.4.14 | Platform Paver Tile , topping Slab setting bed Removal and Replacement including waterproofing | 1 | - | LS | \$ |
| 2.1.4.15A | Platform Concrete structural Slab repair: Type 3 concrete repair | 20 | \$ | SF | \$ |
| 2.1.4.15B | Platform Concrete structural Slab repair: Type 4 concrete repair | 10 | \$ | SF | \$ |
| 2.1.4.15C | Platform Concrete structural Slab repair: Type 7 concrete repair | 70 | \$ | LF | \$ |
| 2.1.4.15D | Platform Concrete structural Slab repair: Type 8 concrete repair | 70 | \$ | LF | \$ |
| 2.1.4.16 | Mechanical- Demo Standpipe and install new standpipe | 1 | - | LS | \$ |
| 2.1.4.17 | All Electrical related work as per drawings but not limited to New Platform edge lights, Station lights upgrade, Reroute cables & conduits, Install new conduit & cables. | 1 | - | LS | \$ |
| Sub Total for Part 2.1.4 Grosvenor Station Platform Rehabilitation | | | | | [D] \$ |
| Part 2.1.5 Grosvenor Platform Canopy and Mezzanine Roof Restoration | | | | | |
| Design: | | | | | |
| 2.1.5.18 | Canopy Mezzanine - Design (Design, As-built, Documents, Review and Approvals) | 1 | - | LS | \$ |

AM2

- A. The Design-Builder shall perform, with its own organization, work equivalent to at least 25% of the value for the construction work.

00811 SUBCONTRACT AGREEMENTS

Deleted Section 00711, SUBCONTRACT AGREEMENTS, Paragraph A (1) in its entirety.

00812 OTHER CONTRACTS

Modified Section 00712, OTHER CONTRACTS, to add the following paragraph C:

- C. Refer to Section 01110 SUMMARY OF WORK for additional information on other contracts.

00824 PERIOD OF PERFORMANCE AND PROJECT SCHEDULE

Deleted Section 00724, PERIOD OF PERFORMANCE AND PROJECT SCHEDULE in its entirety and substitute for the following Paragraphs:

- A. The Period of Performance shall begin on the date set forth in the Notice to Proceed. The Design-Builder shall perform, complete, and advance all Work under this Contract within 900 Days from **AM2** the date set forth in the Notice to Proceed, including Options, if exercised.

B.

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The dates specified in SECTION 001141 ACCESS TO SITE for 8 (eight) weekend **AM2**
Single Tracking dates and 12 (twelve) Total Shutdown may be rescheduled.

- C. The Authority may modify the Contract, pursuant to Section 00748, CHANGES, to extend the Period of Performance as often and in time periods as deemed necessary until completion of the Work under this Contract.

- D. Early Completion: If the Design-Builder submits, in accordance with Section 01322, CONTRACT PROGRESS REPORTING, a schedule or expresses an intention to complete the Work earlier than required in the Period of Performance, the Authority shall not be liable for any costs incurred because of delay or hindrance should the Design-Builder be unable to complete the Work before the Completion date. The duties, obligations, and warranties of the Authority to the Design-Builder shall be consistent with and applicable only to the Completion Date set forth in this Contract.

00833 AUTHORITY FURNISHED PROPERTY

Modified Section 00733, AUTHORITY FURNISHED PROPERTY, to delete Paragraphs A through D and substitute for the following Paragraph:

- A. The Authority will not furnish property, real or otherwise, through the terms of this Contract. The Design-Builder is required to purchase or lease any property needed for, but not limited to, lay down, storage, or employee parking in its obligations to comply with the Project requirements.

00841 CONSIDERATION AND BASIS OF PAYMENT

Deleted Section 00741, CONSIDERATION AND BASIS OF PAYMENT in its entirety and substituted for the following Paragraphs:

- A. In consideration of its undertaking under this Contract, the Design-Builder will be paid the sums set forth in this Contract, which shall constitute complete payment for all Work required to be performed under this Contract and for all expenditures, which may be made and expenses incurred. The basis of payment will be the Contract Price, as shown on Section 00510, DESIGN-

- i. Policy shall be endorsed with ISO endorsement CG 25 04 03 97; "Designated Location General Aggregate Limit", and designate "Any and all locations" as the designated location.
- j. The Additional Insured Endorsement shall include Products and Completed Operations Coverage with no limitation on when claims can be made. The coverage provided by the additional insured endorsement shall be at least as broad as the Insurance Service Office, Inc.'s Additional Insured Form CG 20 10 11 85 or CG 20 26 11 85 as determined by WMATA. As long as WMATA is an Additional Insured for both "Ongoing Operations" and "Completed Operations", other forms are acceptable.

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D. Article 4 – Railroad Protective Liability Insurance (RRP)

- 1. 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:

| | |
|--------------|-----------------------|
| \$5,000,000 | Each Occurrence Limit |
| \$10,000,000 | Aggregate Limit |

- 2. Required Minimum Coverage(s):
 - a. Railroad Protective Liability (RRP) policy on a policy form that is acceptable to WMATA, issued by an insurance company that is acceptable to WMATA.
 - b. WMATA shall be the Named Insured.
 - c. Cost of RRP shall be the sole responsibility of the Design-Builder.
 - d. 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

- 3. WMATA Blanket RRP Program Option (Application attached)
 - a. WMATA may offer to waive the requirement for the Design-Builder to procure RRP if 1) the work qualifies for coverage under WMATA's blanket RRP program, and 2) the Design-Builder 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. The Design-Builder shall be advised of, and pay the applicable waiver fee, or procure a standalone RRP policy on WMATA's behalf if the Design-Builder decides against the WMATA Blanket RRP Program option.

E. Article 5 – Business Auto Liability

- 1. Required Minimum Limits of Coverage:

| | |
|-------------|-----------------------|
| \$2,000,000 | Combined Single Limit |
|-------------|-----------------------|

- 2. Required Minimum Coverage(s):
 - a. Business Auto Liability 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.
 - b. Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Article 9 of this Section.

- c. Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the Waiver of Subrogation” Article 10 of this Section.
- d. 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 1 through 3 above.

F. Article 6 – Professional Liability Insurance

1. Should the Design-Builder be required by this contract to provide design services or the services of a professional engineer, including, but not limited to stamping, sealing, or certifying blueprints or other construction-related documents, the Design-Builder, is required to maintain Professional Liability Insurance as follows: **AM2**
 - a. Minimum Policy Limits of \$10,000,000 each claim.
 - b. Actual coverage or tail coverage must be purchased and maintained for a period of time equal to the statute of repose.
 - c. Coverage can be written on an “Occurrence” or “Claims Made” Basis.
 - d. Coverage can be written on “Non-Admitted” paper. **AM2**

G. Article 7 – Pollution Liability Insurance

1. Should the Design-Builder, any Subcontractor, of any tier, or any supplier, be required by this contract to perform demolition of any pre-existing structures, moving, removal, or handling of any hazardous materials, the Design-Builder is required to maintain Pollution Liability Coverage as follows:
 - a. Minimum Policy Limits of \$5,000,000 each claim.
 - b. Coverage can be written on an “Occurrence” or “Claims Made” Basis.
 - c. Coverage can be written on “Non-Admitted” paper.
 - d. Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the “Additional Insured” Article of this Section 9.
 - e. Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the Waiver of Subrogation” Article of this Section 10.

H. Article 8 – Builders’ Risk

1. The Design-Builder shall purchase and maintain at its cost a builders “all risk” insurance policy for the project covering work at the project site. Subcontractors of every tier will be insured under this policy, but only to the extent that the policy’s coverages and exclusions allow. Cost associated with any changes will not be recognized as a change order.

I. Article 9 – Additional Insured(s)

1. The Design-Builder and Subcontractors of every tier are required to add WMATA, its independent contractors, and the WMATA Board of Directors as additional insured(s) on all insurance policies purchased by the Design-Builder and Subcontractors, with the exceptions of Workers’ Compensation and Professional Liability.

- a. Coverage provided to any Additional Insured shall be primary and non-contributory to any other insurance available to the Additional Insured.
- b. Coverage provided to any Additional Insured shall be for claims arising out of both ongoing operations and products and completed operations hazard.
- c. 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 where the contract scope of work takes place. The coverage provided by the additional insured endorsement shall be maintained for three years following acceptance of the work and be at least as broad as the Insurance Service Office, Inc.'s Additional Insured Form CG 20 10 11 85 or CG 20 26 11 85, as determined by WMATA. As long as WMATA is an Additional Insured for both "Ongoing Operations" and "Completed Operations" other forms are acceptable.
 - d. Coverage available to the additional insureds is not limited to the minimum limits of coverage outlined in this document.

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J. Article 10 – Waiver of Subrogation

1. The Design-Builder and Subcontractors of every tier are required to have all insurance policies purchased by the Design-Builder and Subcontractors endorsed to waive the insurance company's rights of recovery against WMATA, its independent contractors and the WMATA Board of Directors.
 - a. Coverage shall be provided on an endorsement that is acceptable to WMATA.

K. Article 11 – Certificate of Insurance (COI)

1. The Design-Builder shall provide WMATA an ACORD Certificate of Insurance (COI) as evidence that the insurance requirements of this Section have been satisfied. Certificates of Insurance shall be emailed to COI@WMATA.COM.
2. The cert holder box should read:

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

3. Additionally:
 - a. Satisfactory COI delineating all required insurance coverage requirements under this Section shall be delivered before the execution of this Contract by WMATA.
 - b. COI shall state the RFP# and the name of your WMATA Procurement contact.
 - c. Failure to provide satisfactory evidence of all required insurance may result in the Design-Builder and/or subcontractors of every tier being denied access to work locations, including, but not limited to WMATA properties.
 - d. COI reflect total limits of insurance purchased by the Design-Builder for the types of insurance required under this Contract.
 - e. Proposed material modifications to insurance required under this Section must be received by WMATA at least 30 days prior to the effective date of the proposed modifications to such insurance.
 - f. WMATA's receipt of copies of any COI, policy endorsements or policies does not relieve the Design-Builder of the obligation to remain in compliance with the requirements of this Section at all times. The Design-Builder's failure to so comply, and to continuously

APPENDIX D TO SECTION 00867, WAGE DETERMINATION RATES

General Decision Number: DC150001 07/17/2015 DC1

Superseded General Decision Number: DC20140001

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: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is 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 \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. 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 | 01/02/2015 |
| 1 | 01/09/2015 |
| 2 | 03/06/2015 |
| 3 | 05/01/2015 |
| 4 | 05/08/2015 |
| 5 | 06/05/2015 |
| 6 | 06/12/2015 |
| 7 | 06/26/2015 |
| 8 | 07/03/2015 |
| 9 | 07/17/2015 |

ASBE0024-001 10/01/2013

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.....\$ 33.13 13.76

ASBE0024-002 10/09/2013

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.....\$ 20.86 5.46

ASBE0024-005 10/01/2013

Rates Fringes

Fire Stop Technician.....\$ 26.06 5.90

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 pasage 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 01/01/2014

| | Rates | Fringes |
|--------------------|----------|---------|
| Boilermakers:..... | \$ 38.07 | 22.58 |

BRDC0001-001 05/03/2015

| | Rates | Fringes |
|-----------------|----------|---------|
| Bricklayer..... | \$ 30.36 | 9.69 |

BRMD0001-004 05/03/2015

| | Rates | Fringes |
|-----------------------------|----------|---------|
| BRICKLAYER | | |
| Refractory (Firebrick)..... | \$ 36.62 | 9.85 |

CARP0132-001 05/01/2013

| | Rates | Fringes |
|-----------------------|----------|---------|
| Carpenter/Lather..... | \$ 26.81 | 8.13 |
| Piledriver..... | \$ 26.62 | 8.15 |

CARP1831-001 04/01/2013

| | Rates | Fringes |
|-----------------|----------|---------|
| MILLWRIGHT..... | \$ 31.59 | 8.58 |

CARP2311-002 05/01/2013

| | Rates | Fringes |
|-------------------|----------|---------|
| DIVER TENDER..... | \$ 29.00 | 8.15 |
| DIVER..... | \$ 37.74 | 8.15 |

ELEC0026-001 11/03/2014

| | Rates | Fringes |
|-------------------|----------|---------|
| Electricians..... | \$ 42.40 | 14.97 |

ELEC0070-001 05/04/2015

| | Rates | Fringes |
|--------------------------|----------|----------|
| Line Construction: | | |
| Cable Splicers..... | \$ 35.35 | 19%+5.00 |
| Equipment Operators..... | \$ 35.35 | 19%+5.00 |
| Groundmen..... | \$ 16.44 | 19%+5.00 |
| Linemen..... | \$ 35.35 | 19%+5.00 |
| Truck Driver..... | \$ 18.69 | 19%+5.00 |

ENGI0077-001 05/01/2015

| Rates | Fringes |
|-------|---------|
|-------|---------|

Power equipment operators:

(HEAVY AND HIGHWAY

CONSTRUCTION)

| | | |
|--------------|----------|--------|
| GROUP 1..... | \$ 35.91 | 8.65+a |
| GROUP 2..... | \$ 34.36 | 8.65+a |
| GROUP 3..... | \$ 32.71 | 8.65+a |
| GROUP 4..... | \$ 29.30 | 8.65+a |
| GROUP 5..... | \$ 25.28 | 8.65+a |
| GROUP 6..... | \$ 23.23 | 8.65+a |
| GROUP 7..... | \$ 36.75 | 8.65+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 06/01/2015

Rates Fringes

Power equipment operators:

(PAVING AND INCIDENTAL

GRADING)

| | | |
|--------------|----------|------|
| GROUP 1..... | \$ 28.99 | 7.35 |
| GROUP 2..... | \$ 25.85 | 7.35 |
| GROUP 3..... | \$ 22.24 | 7.35 |
| GROUP 4..... | \$ 20.00 | 7.35 |
| GROUP 5..... | \$ 29.70 | 7.15 |

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 07/01/2015

Rates Fringes

Power equipment operators:

(SEWER, GAS AND WATER LINE CONSTRUCTION)

| | | |
|--------------|----------|--------|
| GROUP 1..... | \$ 25.60 | 7.35+a |
| GROUP 2..... | \$ 25.20 | 7.35+a |
| GROUP 3..... | \$ 24.69 | 7.35+a |
| GROUP 4..... | \$ 24.37 | 7.35+a |

GROUP 5.....\$ 23.55 7.35+a

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1: Excavators, Cranes, Gradalls.

GROUP 2: Backhoes, Front-end Loaders, Fork alift/Lull,
Bulldozers, Motor Graders. Qualified Mechanics, Hydraulic
Tamper and Hoe Pack, Paving Mixers, Pile Driving Engines,
Batch Plant, Concrete Pumps, Low-Boy Driver, Lube Truck.

GROUP 3: Trenching Machine, Well Drilling Machines, Concrete
Mixers, Motor Graders, Truck Driver.

GROUP 4. Roller, Air Compressors, Pumps, Welding Machines,
Well Points, Firemen.

GROUP 5: Oiler

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

IRON0005-001 06/01/2015

Rates Fringes

Ironworkers:

Structural, Ornamental and

Chain Link Fence.....\$ 30.65 18.135

IRON0201-001 05/01/2015

Rates Fringes

Ironworkers:

Reinforcing.....\$ 27.50 18.58

* 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 nozzleman, timber buckler 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 equal, 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 nozzle men 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 05/01/2014

| | |
|-------|---------|
| Rates | Fringes |
|-------|---------|

Marble & Stone Mason

Includes Pointing,
Caulking and Cleaning of
All Types of Masonry,
Brick, Stone and Cement

Structures.....\$ 34.18 15.63

MARB0003-001 05/01/2014

Rates Fringes

Mosaic & Terrazzo Worker,

Tile Layer.....\$ 26.28 10.00

MARB0003-004 05/01/2014

Rates Fringes

Marble, Tile & Terrazzo

Finisher.....\$ 21.48 9.08

PAIN0051-001 06/01/2014

Rates Fringes

Painters:

All Industrial Work.....\$ 29.60 9.05

Bridges, Heavy Highway,

Lead Abatement and

Flame/Thermal Spray.....\$ 33.23 9.05

Commercial and Mold

Remediation, Painters,

Wallcovers and Drywall

Finishers.....\$ 24.89 9.05

Metal Polishing and
Refinishing.....\$ 25.89 9.05

PLAS0891-001 02/01/2014

Rates Fringes

Cement Masons:

HEAVY CONSTRUCTION ONLY.....\$ 27.15 9.61

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 08/01/2014

Rates Fringes

Plumbers.....\$ 38.92 16.35+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 08/01/2014

Rates Fringes

Steamfitter, Refrigeration &

Air Conditioning Mechanic.....\$ 38.24 19.42+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 07/01/2015

Rates Fringes

Sheet Metal Worker.....\$ 39.79 16.77+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 06/01/2014

Rates Fringes

Truck drivers: (HEAVY &
HIGHWAY CONSTRUCTION)

| | | |
|------------------------------|----------|--------|
| Tractor trailer, Low Boy.... | \$ 22.60 | 2.20+a |
| Truck Drivers..... | \$ 20.60 | 2.20+a |

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

TEAM0639-005 06/01/2014

Rates Fringes

Truck drivers: (PAVING &
INCIDENTAL GRADING)

| | | |
|--|----------|------|
| All paving projects where the grading is incidental to the paving..... | \$ 20.60 | 2.20 |
|--|----------|------|

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

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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: MD150034 07/17/2015 MD34

Superseded General Decision Number: MD20140034

State: Maryland

Construction Type: Heavy

County: Montgomery County in Maryland.

HEAVY CONSTRUCTION PROJECTS (including sewer/water construction).

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Davis-Bacon Act for which the solicitation is 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 \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. 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 01/02/2015

- 1 05/01/2015
- 2 06/26/2015
- 3 07/17/2015

CARP0132-016 05/01/2013

Rates Fringes

CARPENTER (Including Form
Work).....\$ 26.81 8.13

ELEC0026-019 11/03/2014

Rates Fringes

ELECTRICIAN.....\$ 42.40 14.97+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 05/01/2015

Rates Fringes

OPERATOR: Bulldozer.....\$ 29.30 8.65+a

OPERATOR: Crane

| | | |
|------------------------------|----------|--------|
| 35 ton Cranes and Above..... | \$ 34.36 | 8.65+a |
| Cranes Below 35 tons..... | \$ 32.71 | 8.65+a |
| Tower and Climbing Cranes... | \$ 35.91 | 8.65+a |
| Tower Cranes and Cranes | | |
| 100 tons and Over..... | \$ 35.91 | 8.65+a |
| OPERATOR: Drill..... | \$ 34.36 | 8.65+a |
| OPERATOR: Excavator..... | \$ 29.30 | 8.65+a |
| OPERATOR: Mechanic..... | \$ 36.75 | 8.65+a |
| OPERATOR: Piledriver..... | \$ 32.71 | 8.65+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 05/01/2015

| | Rates | Fringes |
|------------------------------|----------|---------|
| IRONWORKER, REINFORCING..... | \$ 27.50 | 18.58 |

* LABO0657-019 06/01/2015

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

PAIN0051-020 06/01/2013

Rates Fringes

PAINTER: Steel.....\$ 32.66 8.91

PLAS0891-006 02/01/2014

Rates Fringes

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

TEAM0639-008 06/01/2014

Rates Fringes

TRUCK DRIVER, Includes Dump

Truck.....\$ 20.60 2.20+a

TRUCK DRIVER: Lowboy Truck.....\$ 22.60 2.20+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

RFP FQ15093 WAGE DETERMINATION RATES

| | | |
|--|----------|------|
| 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.

=====

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)).

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and wage rates that have been found to be prevailing for the

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WAGE DETERMINATION APPEALS PROCESS

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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.

=====

END OF GENERAL DECISION

- g. Replace existing conduits under platform overhang that are located directly below platform structural work, and replace corroded conduits. Cables and wiring in conduit to be replaced shall be replaced between termination points without splices. Provide temporary conduit and wiring as required during construction to ensure continuity of service. Trace wiring to be replaced and determine all termination points. Exposed cables located directly under structural platform repair work shall be temporarily relocated. Protect existing to remain conduits and cables during platform structural work.
 - h. Replace existing platform edge flashing lights, including associated wiring and platform-embedded conduit. Replace associated existing flasher/dimmer control panels located in both AC switchboard rooms. Maintain operation of platform edge flashing lights during revenue service.
 - i. Disconnect and reconnect platform mounted equipment that will be temporarily removed during platform work, including pylons, and wind shelters and associated dioramas. Restore existing grounding connections, and/or provide new grounding connections as required.
 - j. All globes and luminaires shall be replaced under this Work. WMATA will provide missing fixtures to the Design-Builder to install. Any defective wiring will be addressed by WMATA. Testing is required by the Design-Builder.
2. Structural work shall include:
- a. Install temporary platform support structure for active work areas.
 - b. Remove portions of the existing platform as shown, restricting each portion of removal to that amount that can be restored to service within the time constraints of the allowable track occupancy.
 - c. Drill holes in existing slabs for installation of rebar to support new cantilevered slab extensions.
 - d. Install new waterproofing termination curb around existing Dispatch Office at North end of platform.
3. Mechanical work shall include:
- a. Under platform fire standpipe and canopy drain lines:
 - (1) In cases where the current piping location does not interfere with platform replacement work but the piping is supported from the platform above or from the affected under platform plenum walls, mechanical work may be temporarily supported during the construction process. New supports shall be installed when the platform reconstruction is complete.
 - (2) In cases where existing piping will penetrate the new platform sections, the contractor shall identify the size and location of the necessary mechanical blockouts.
 - (3) The Contractor may propose relocation of existing piping in cases where this is beneficial in terms of work efficiency.
 - (4) Contractor's proposed changes to piping and mechanical equipment shall be tested in accordance with procedures contained in Division 15 specifications.
 - b. Refer to the Reference drawings for treatment of mechanical equipment located in the spaces that will be disturbed by the platform replacement.

AM2
AM2
AM2

- c. Identify any proposed modifications to ventilation openings that are necessary to accommodate platform replacement work and make the required modifications upon Contracting Officer Representative Approval.
4. Architectural finishes shall include:
- a. Remove granite edge stone from platform in accordance with Section 04415 and replace with new granite edge stone per Section 04415 and the Contract Drawings. Salvage all granite edge stone where possible for WMATA future maintenance use and load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges.
 - b. Existing quarry tile, setting bed and topping slab shall be replaced with precast concrete pavers, applied to the top surface the entire platform (full width). Both precast pavers and precast detectable warning panels with domes are required throughout the platform. Station furniture and pylons will be removed and/ or reinstalled in the process of installing the new pavers; except that dispatch office will remain in place.
 - c. The finished paver surface of the platform shall have the required cross-slope with no depressions or tripping hazards.
 - d. Expansion joints, sealants, joint fillers, waterproof membrane and other miscellaneous elements shall be installed as shown.
5. Safety
- a. At all times during active construction barricades, warning signs, and dust/debris screens shall be erected as necessary to protect passengers, Authority personnel, and facilities to remain. At the completion of each allowed work period such temporary devices shall be adjusted to a configuration that will not impede normal revenue operations in the station.
 - b. Procedures shall be established to ensure that there will be no encroachment by personnel, materials or equipment into the right-of-way of the adjacent freight railroad.
 - c. The safety requirements specified herein shall be included in the detailed work sequence.
- J. Part 5 - Grosvenor-Strathmore Platform Canopy and Mezzanine Roof Retrofit Design-Build
1. Architectural work shall include:
- a. Replace canopy roofing for upper and lower roofs.
 - b. Raise or replace platform canopy skylight and provide transition between platform and mezzanine skylights.
 - c. Install new scupper drains, gutter, downspouts, and metal panel fascia on mezzanine canopy roof.
2. Mechanical work shall include:
- a. Mechanical work shall include modifications to the existing Grosvenor-Strathmore Station roof drainage.
 - b. Existing roof drains shall be filled and abandoned in place.
 - c. Scupper drains, which route out through the building wall and to a gutter around the perimeter of the roof, shall be added to each roofing section on the mezzanine roof to

5. Safety Superintendent

- a. Shall have a bachelors degree with a minimum of 10 years experience in heavy industry construction safety practices and with a minimum of 5 years in transit construction in operating conditions, and shall have completed OSHA Construction Safety Training and First Aid/CPR/Blood Borne Pathogens Training. Shall be a Certified Safety Professional (CSP).
- b. Responsible for development of a construction safety plan.
- c. Shall be a full time member of the Design-Builder and devotes full time to worksite safety in implementing, enforcing, and maintaining the safety program for the Design-Builder and Subcontractor forces. The Safety Superintendent shall have no duty other than safety supervision of persons, equipment, and property affected by Contract work. The Design-Builder shall employ and assign full-time Safety Superintendent(s) and First Aid Attendant for on-Site Work activities at all times.
- d. Shall have specialized training and experience in construction safety supervision and have a thorough knowledge of all OSHA regulations. The Safety Superintendent shall have the ability to develop and conduct safety-training courses. The Safety Superintendent shall be familiar with industrial hygiene equipment and testing as required for the protection of all personnel and the public

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PART 2 – PRODUCTS (not used)

PART 3 – EXECUTION (not used)

END OF SECTION

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- m. Design-Builder shall design station systems including but not limited to elevators and escalator, exit fare machines and fare gates, communications systems including public address, closed circuit television, video management system, passenger emergency reporting, chemical/biological sensors, passenger information display, kiosk information display, SCADA and alarm systems, lighting, and air-conditioning and Design-Builder's Architect shall integrate these elements into the Architectural design.
 - n. Prepare station exiting calculations.
5. General Structural: These criteria define the work required for the Design-Builder to perform structural design for a fully functional new mezzanine level at the south end of Bethesda Station. The structural work associated with the mezzanine addition includes design related to the following items:
- a. Platform slab demolition coordinated with the requirements of the final design for the south mezzanine.
 - b. Steel columns to support the south mezzanine including modification of existing footings
 - c. Structural steel framing with composite concrete deck slab for new south mezzanine
 - d. Removal of existing precast knock-out vault panels included in the original Bethesda Station design to create the required opening for connection to the proposed MTA Purple Line shaft and passageway, and provision of the finished structure at the penetration in the station cavern wall.
 - e. CMU infill block wall with door to seal off access after knock-out panel is removed.
 - f. Modification of existing escalator pit to install new escalator between station platform and mezzanine level.
 - g. New elevator pits for two new elevators between mezzanine and platform level.
 - h. Precast concrete stair between station platform and mezzanine level, including intermediate landing support.
6. Structural design shall include the following:
- a. Make Site visit to examine all existing conditions.
 - b. Provide demolition design to remove the precast vault panel at the location of mezzanine tie-in with the proposed MTA Purple Line. Reference drawings provided by the Authority show provisions for the precast knock out panel that were made in the original design drawings.
 - c. Design and detail the collar frame and the vertical concrete wall adjacent to the collar frame along the proposed mezzanine passageway.
 - d. Design and detail temporary infill block wall with access door to seal off the passageway at mezzanine tie-in with proposed MTA Purple Line.
 - e. Provide demolition design for placement of mezzanine supporting steel columns. Check adequacy of existing footings to support the proposed column loads. Any modification to existing footings shall be made without demolishing and penetrating the existing invert slab and waterproofing membrane beneath or damaging reinforcement within the footings or invert slab. Design shall include static tension/pull out test of all existing anchor rods to the maximum service design load limit. Anchor rods that fail to meet the testing criteria shall be replaced with new anchor rods as required.

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| | | | | miscellaneous disruptions) |
|--|--|--|--|-------------------------------|

- F. The Authority reserves the first 60 (sixty) minutes following the identified “Report to Site” times to establish the required safety conditions within the Roadway. The column in Table 01141-01 labeled “Access to Site Time” indicates the time the Design-Builder shall be granted access to the Work in the Roadway or the work location if outside of Roadway. The column labeled “Off Site Time” indicates the time the Design-Builder shall be off the Roadway which will give the Authority time to return the Roadway to revenue service, or off the work location if outside of Roadway. The Design-Builder shall be on Site no later than the time listed above in the column labeled “Report to Site”. If the Design-Builder is not on Site and prepared to begin Work at the “Report to Site” time, Access to the Roadway will not be granted.
- G. There are federal holidays that occur on Mondays throughout the year creating a 3-day weekend. In addition to the Hours of Work indicated in Table 1 above, Single Tracking RSAs and Total Shutdowns may be permitted by the Authority on holiday weekends listed below between 01:30 Saturday and 03:30 Tuesday:
 - 1. Martin Luther King Day
 - 2. President’s Day
 - 3. Memorial Day
 - 4. Columbus Day
 - 5. Labor Day
- H. RSA’s will not be permitted during the following periods. Periods beyond 2017 will be provided as needed:
 - 1. Presidential Inauguration: January 20, 2017 and the succeeding weekend AM1
 - 2. Cherry Blossom Festival: March 19 to April 17, 2016; March 18 to April 16, 2017 AM1
 - 3. Race for the Cure: April 30-May 1, 2016; April 29-30, 2017 AM1
 - 4. 4th of July: The 4th of July and the weekend preceding the 4th in 2016 and 2017 AM1
 - 5. Marine Corps Marathon: October 22-23, 2016; October 28-29, 2017 AM1
 - 6. Thanksgiving: Thanksgiving Eve through the following Monday AM1
 - 7. Christmas: Christmas Eve and Christmas Day AM1
 - 8. New Year: New Year’s Eve and New Year’s Day AM1
- I. Proposed dates for Work that require RSA Hours of Work are indicated below. The Design-Builder shall incorporate these dates into the Project Schedule as required Work dates. These dates assume NTP will be issued to the Design-Builder prior to March 15, 2016. If NTP is issued after March 15, 2016 the dates specified herein may be rescheduled.
 - 1. Eight (8) dates for Weekend Single Tracking Access are:
 - a. December 10, 2016 AM2
 - b. January 7, 2017 AM2
 - c. January 28, 2017 AM2
 - d. February 4, 2017 AM2
 - e. February 18, 2017 AM2

- f. February 25, 2017 AM2
- g. March 11, 2017 AM2
- h. May 6, 2017 AM2

The start of Weekend Single Tracking date is on Saturdays per Table 01141-01 above. The area of Weekend Single Tracking is from 1000 feet north of Friendship Heights Crossover to the north end of Grosvenor platform.

2. Twelve (12) Dates for Total Shutdown Access are:

- a. June 10, 2017 AM2
- b. June 24, 2017 AM2
- c. July 22, 2017 AM2
- d. August 5, 2017 AM2
- e. August 19, 2017 AM2
- f. September 2, 2017 AM2
- g. September 16, 2017 AM2
- h. September 23, 2017 AM2
- i. September 30, 2017 AM2
- j. October 7, 2017 AM2
- k. October 14, 2017 AM2
- l. October 21, 2017 AM2

The start of Total Shutdown date is on Saturdays per Table 01141-01 above. The area of Total Shutdown is from 1000 feet north of Friendship Heights Crossover to the north end of Grosvenor platform.

J. Number of Non-revenue Weekday Access

A total of 120 Non-Revenue Weekday access will be provided to the Design-Builder throughout the Period of Performance of the Contract. One Non-Revenue Weekday access includes one work area as listed in Table 01141-02. The Authority may grant more than one Non-Revenue Weekday Access during one work night, depending on system availability.

Table 01141-02 Number of Non-revenue Weekday Access

| Areas of Work | Track 1 | Track 2 |
|--|---------|---------|
| Area 1: Friendship Heights northern end of the platform to Bethesda northern end of the platform | 20 | 20 |
| Area 2: Bethesda northern end of the platform to Medical Center northern end of the platform | 10 | 10 |
| Area 3: Medical Center northern end of the platform to Medical Center Portal | 10 | 10 |
| Area 4: Medical Center Portal to Grosvenor northern end of the platform | 20 | 20 |

- D. Project Record Documents: Accurately record actual locations of capped and active utilities and subsurface construction.

1.04 QUALITY ASSURANCE

- A. Regulatory Agency Sustainability Approvals:

- 1. Buy America Act:

- a. Except for those products which are exempt under the specific statutory waivers stipulated in 49 CFR 661, all other products supplied under this section must comply with the requirements of the Buy America Act.

- B. Demolition Firm Qualifications: Company specializing in the type of work required.

PART 2 PRODUCTS-- NOT USED

PART 3 EXECUTION

3.01 SCOPE

- A. Remove items as indicated on the drawings.

- B. Note items requiring removal and replacement such as station furniture, and store in a safe place and protect until reinstalled in the original location.

- C. Salvage granite platform edge slabs where possible and glass lenses load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges. AM2
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3.02 GENERAL PROCEDURES AND PROJECT CONDITIONS

- A. Comply with applicable codes and regulations for demolition operations and safety of adjacent structures and the public.

- 1. Obtain required permits.
 - 2. Take precautions to prevent catastrophic or uncontrolled collapse of structures to be removed; do not allow worker or public access within range of potential collapse of unstable structures.
 - 3. Provide, erect, and maintain temporary barriers and security devices.
 - 4. Conduct operations to minimize effects on and interference with adjacent structures and occupants.
 - 5. Conduct operations to minimize obstruction of public and private entrances and exits; do not obstruct required exits at any time; protect persons using entrances and exits from removal operations.

- B. Do not begin removal until receipt of notification to proceed from The Authority.

- C. Do not begin removal until built elements to be salvaged or relocated have been removed.

- D. Protect existing structures and other elements that are not to be removed.

- 1. Provide bracing and shoring.
 - 2. Prevent movement or settlement of adjacent structures.
 - 3. Stop work immediately if adjacent structures appear to be in danger.

- E. If hazardous materials are discovered during removal operations, stop work and notify The Authority; hazardous materials include regulated asbestos containing materials, lead, PCB's, and mercury.

SECTION 03371**MAINTENANCE OF CONCRETE****PART 1 - GENERAL****1.01 SECTION INCLUDES**

- A. This section includes requirement for power washing to clean the concrete tunnel lining at the limits shown including the invert. The cleaning will remove oil, solvent, grease, dirt, dust, bitumen, rust, loose particles and foreign matter, including efflorescence from all concrete surfaces and cables that exhibit heavy build ups of efflorescence..
1. Clean concrete surfaces in tunnels and crossover vaults including end walls by means of pressure washing, chipping and grinding.
 2. Contain, collect and dispose of solid materials dislodged or generated during the cleaning and repair activities.
 3. Notification and monitoring requirements associated with National Pollutant Discharge Elimination System (NPDES) permit MD0069035.
- B. Definitions:
1. The cleaning will be done in accordance with SSPC-SP 13/NACE No. 6, Surface Preparation and Cleaning of Steel and other Hard Materials by High- and Ultrahigh- Pressure Water Jetting Prior to Recoating. The recoating portion does not apply. The surfaces should be cleaned to WJ-4 (see SSPC manual) which removes all loose rust, mill scale and coatings. No existing coatings are present, therefore, the portion regarding existing coatings does not apply.

AM2**1.02 QUALITY ASSURANCE**

- A. Codes, Regulations, Reference Standards and Specifications:
1. Codes and regulations of the jurisdictional authorities.
 2. SSPC: Unless otherwise specified, SSPC requirements govern the performance of the work of this section.
- B. Buy America Act:
1. Except for those products which are exempt under the specific statutory waivers stipulated in 49 CFR 661, all other products supplied under this section must comply with the requirements of the Buy America Act.

1.03 SUBMITTALS

- A. Submit safe work plan and procedures for approval of the AR.

1.04 JOB CONDITIONS

- A. Solid Materials Runoff Control: The Contractor shall implement solid materials runoff control procedures at all times during cleaning and repair activities. All solid materials generated shall be contained using filter fabric placed over storm water drainage grates in the area of operation or using filter and/or absorbent booms to prevent these

C. Advise installers of other work about specific requirements for placement of inserts and similar items to be used by dimension stone cladding Installer for anchoring, supporting, and flashing of dimension stone cladding system. Furnish installers of other work with Drawings or templates showing locations of these items.

D. "Remove all existing granite edge stone from platform in accordance with Section 04415 and replace all with new granite edge stone per Section 04415 and the Contract Drawings. Salvage all granite edge stone where possible for WMATA future maintenance use and load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges.

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3.03 FABRICATION AND ERECTION

A. General:

1. Fabricate granite in sizes and with joint patterns shown on Contract Drawings and approved shop drawings.
2. Installation of granite which is not within the approved range of color, texture, finish, veining and fissures; is mismatched; shows flaws or imperfection in cutting; or has other defects is prohibited.
3. Provide 1/4-inch joints, unless otherwise shown on Contract Drawings and approved shop drawings.
4. Unless otherwise shown, completely fill joints in granite work and rake out to depth of 3/4 inch, except paving joints showing grout.
5. Set stones accurately in alignment with other stones and adjacent work. Set stones in full mortar beds. Level and plumb stones as work progresses.
6. Set finish surfaces in true and even planes, with uniform jointing. Take up and reset loose, hollow sounding slabs. Leave surface free of mortar stain and other defacements.
7. Where epoxy materials are used, follow manufacturer's recommendations.

B. Tolerances: Meet NBGQA Specifications for Architectural Granite.

3.04 POINTING AND CLEANING

A. Pointing:

1. After setting mortar has cured, point voids in joints of exposed granite with preshrunk mortar. Remove excess mortar.
2. Seal joints in granite work with sealants in accordance with Section 07900.

B. Cleaning:

1. Clean joint surfaces and remove dirt, coatings, moisture and other foreign substances which could interfere with bond. Re-caulk granite edge slabs' transverse joints both vertically and horizontally with grout and let cure.
2. Thoroughly and carefully clean work by approved means and leave in first class condition, free from mortar or other defacement. Clean all exposed granite surfaces, including joints, with water and washing compound soap powder solution in accordance with recommendations of manufacturer. Sponge and wash thoroughly. Use of acid or acid cleaners is prohibited. Remove stains by approved means. Clean granite masonry surfaces, including those grouted or sealed, with