

metro[®]

Washington
Metropolitan
Area
Transit
Authority

Request For Proposal [Federal]

General Architectural and Engineering Consultant Services – Facilities Indefinite Delivery Indefinite Quantity

RFP NO. FQ15191/ER

Date: APRIL 23, 2015

AMENDMENT 001

Table of Contents

NOTICE TO ALL VENDORS	8
PART I – SOLICITATION INSTRUCTIONS	9
1. GENERAL	10
2. DEFINITIONS	10
3. EXPLANATION TO OFFERORS	12
4. PRIOR REPRESENTATIONS	12
5. ACKNOWLEDGMENT OF AMENDMENTS	12
6. PRE-PROPOSAL CONFERENCE	12
7. REVISIONS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS	13
8. SUBMISSION OF OFFERS	13
9. LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF OFFERS	13
10. CONTRACT AND BONDS	15
11. MINIMUM PROPOSAL ACCEPTANCE PERIOD	15
12. DISADVANTAGED BUSINESS ENTERPRISES REQUIREMENTS	15
13. OPPORTUNITY FOR DISADVANTAGED BUSINESS ENTERPRISES TO PROPOSE	15
14. NOTICE OF PROTEST POLICY	15
15. PRE AWARD INFORMATION	16
16. PROPOSAL FORMAT INSTRUCTIONS	16
17. SELECTION CRITERIA	19
18. SUBMITTAL REQUIREMENTS	20
VOLUME I – TECHNICAL PROPOSAL	20
VOLUME II – PRICE PROPOSAL	23
VOLUME III – CONTRACTUAL DOCUMENTATION	26
19. RESTRICTION ON DISCLOSURE AND USE OF DATA	26
20. AWARD	27
21. BASIS FOR AWARD	27
22. RATINGS FOR PROPOSAL EVALUATION CRITERIA	27
23. DEFINITIONS FOR TECHNICAL EVALUATION	27
24. PRICE PROPOSAL EVALUATION	28
25. TYPE OF CONTRACT	28
26. ENGLISH LANGUAGE AND UNITED STATES CURRENCY	28
27. FEDERAL/LOCAL/STATE SALES TAX	28

PART II – GENERAL / SPECIAL PROVISIONS..... 29

PART II – SECTION 1 - GENERAL PROVISIONS..... 30

1. **DEFINITIONS** 31

2. **ACCOUNTING AND RECORD KEEPING** 32

2. **ASSIGNMENT** 34

3. **AUDIT RECORDS-NEGOTIATION** 34

4. **CERTIFICATE OF CURRENT COST OR PRICING DATA**..... 35

5. **CHANGES**..... 36

6. **NONDISCRIMINATION ASSURANCE** 36

7. **CONFLICT OF INTEREST** 38

8. **CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-OVERTIME COMPENSATION** 38

9. **CONVICT LABOR** 40

10. **CORRECTION OF DEFICIENCIES** 40

11. **COST OR PRICING DATA** 43

12. **COVENANT AGAINST CONTINGENT FEES** 43

13. **DEFAULT** 44

14. **DELAY OF WORK**..... 46

15. **RESOLUTION OF DISPUTES**..... 46

16. **EMPLOYMENT RESTRICTION WARRANTY** 47

17. **EXTRAS** 47

18. **FEDERAL, STATE AND LOCAL TAXES** 47

19. **GRATUITIES** 48

20. **INSPECTION OF SERVICES** 50

21. **INSPECTION OF SUPPLIES**..... 51

22. **LIMITATION ON WITHHOLDING PAYMENTS**..... 53

23. **NEW MATERIAL**..... 53

24. **NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT** 53

25. **NOTICE TO THE AUTHORITY OF LABOR DISPUTES** 53

26. **OFFICIALS NOT TO BENEFIT** 54

27. **ORDER OF PRECEDENCE**..... 54

28. **PATENT AND RIGHTS IN DATA** 54

29. **PATENT INDEMNITY**..... 57

30. **PAYMENTS** 57

31.	PAYMENT DEDUCTIONS - NONCOMPLIANCE WITH DBE REQUIREMENTS	58
32.	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA — PRICE ADJUSTMENTS	58
33.	PRICING OF ADJUSTMENTS	59
34.	RESPONSIBILITY FOR INSPECTION	59
35.	RETENTION OF DOCUMENTS	59
36.	RIGHTS IN TECHNICAL DATA	60
37.	ROYALTY INFORMATION	61
38.	SEAT BELT USE POLICY	62
39.	SENSITIVE SECURITY INFORMATION	62
40.	STOP WORK ORDER	62
41.	SUBCONTRACT PAYMENTS	63
42.	SUBCONTRACTOR COST AND PRICING DATA-PRICE ADJUSTMENTS	63
43.	TERMINATION	64
44.	TITLE AND RISK OF LOSS	68
45.	VARIATION IN QUANTITY	69
46.	WALSH-HEALEY PUBLIC CONTRACTS ACT	69
b.	SUPPLEMENTAL PROVISIONS REQUIRED IN FEDERALLY FUNDED CONTRACTS	69
47.	ACCESS TO THIRD PARTY CONTRACT RECORDS	69
48.	BUY AMERICA	70
49.	CARGO PREFERENCE	70
50.	CLEAN AIR	70
51.	CLEAN WATER	71
52.	CONTRACTS INVOLVING FEDERAL PRIVACY ACT REQUIREMENTS	71
53.	ENERGY CONSERVATION	71
54.	CHANGES TO FEDERAL REQUIREMENTS	71
55.	FLY AMERICA	71
56.	DEBARMENT OR SUSPENSION	72
57.	INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS	72
58.	LOBBYING	72
59.	NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES	73
60.	FALSE STATEMENTS OR CLAIMS CIVIL AND CRIMINAL FRAUD	73
61.	RECOVERED MATERIALS	73
62.	RIGHTS IN DATA AND COPYRIGHTING - FTA	74

PART II – SECTION 2 – SPECIAL PROVISIONS 76

1. **PERIOD OF PERFORMANCE / ORDERING PERIOD** 77

2. **OPTION PERIODS** 77

3. **CONTINUITY OF SERVICES** 77

4. **BILLING RATES** 78

5. **ORDERING PROCEDURE** 78

6. **BILLING AND PAYMENT** 79

7. **F.O.B. DESTINATION**..... 80

9. **CONTRACTOR PERSONNEL** 80

10. **MOST FAVORED CUSTOMER** 81

11. **CONDITIONS AFFECTING THE WORK**..... 81

12. **WARRANTY** 81

13. **INDEMNITY**..... 81

14. **GENERAL INSURANCE REQUIREMENTS**..... 82

15. **BOND REQUIREMENTS**..... 87

16. **LAWS AND REGULATIONS**..... 88

17. **PRIME CONTRACTOR DBE RESPONSIBILITIES**..... 88

18. **FEDERAL/LOCAL/STATE SALES TAX** 88

19. **CONTRACTING OFFICER’S TECHNICAL REPRESENTATIVE (COTR)** 89

20. **ORGANIZATIONAL CONFLICT OF INTEREST**..... 90

21. **RIGHTS IN TECHNICAL DATA - UNLIMITED**..... 92

22. **FORCE MAJEURE CLAUSE**..... 94

23. **GARNISHMENT OF PAYMENTS**..... 94

24. **GOVERNING LAW** 94

25. **LIVING WAGE**..... 94

26. **METRIC SYSTEM**..... 95

27. **SEISMIC SAFETY** 95

28. **RECYCLED PRODUCTS** 96

29. **NOTIFICATION OF FEDERAL PARTICIPATION**..... 96

30. **WHISTLEBLOWER PROTECTION**..... 96

31. **DRUG AND ALCOHOL TESTING** 98

32. **DAVIS-BACON AND COPELAND ANTI-KICKBACK ACTS** 98

33. **PUBLIC COMMUNICATION**..... 98

34. **DESIGN WITHIN FUNDING LIMITATIONS** 98

35. **RESPONSIBILITY OF THE ARCHITECT-ENGINEER CONTRACTOR**..... 99

36. NON-PERSONAL SERVICE STATEMENT 99

37. NON-DISCLOSURE 99

PART III – STATEMENT OF WORK 101

LIST OF ATTACHMENTS 125

APPENDIX B 127

NOTICE TO ALL VENDORS

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

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

Attention to Disadvantaged Business Enterprise (DBE)/Small Business and Local Preference Program (SBLPP) companies:

Minority and women owned businesses who are interested in becoming a WMATA DBE should complete an online DBE application. Self certification is required for Small Business and Local Preference as a part of the Vendor Registration.

Registered Vendor Benefits:

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

Any questions regarding registration may be addressed to Vendor Relations at (202) 962-1408 or procurement@wmata.com.

PART I – SOLICITATION INSTRUCTIONS

1. **GENERAL**

- a. The Washington Metropolitan Area Transit Authority (WMATA) requires the services of a qualified firm to provide architectural, engineering, and design services to include, but not limited to, program management, construction management, feasibility studies, preliminary engineering, design engineering, surveying, mapping, or other related services for support of the WMATA facilities management program. These other services may include professional engineering related services, or incidental services that may be performed by a professional engineer, or individuals working under their direction, who may logically or justifiably perform these services.
- b. The General Architectural and Engineering Consultant (GAEC) shall assist the Authority by providing certain professional engineering, architectural and surveying services associated with new construction and the renovation, repair and maintenance of Authority facilities located in the District of Columbia, Maryland and Virginia.
- c. This solicitation shall be conducted in accordance with the Brooks Act. Award will be made to the offeror who is determined to be the highest qualified, is deemed responsible, whose proposal conforms to the solicitation's requirements, and who is judged, by the Contractor Evaluation Board's (CEB) assessment of the specific criteria, defined in Article 18, to best meet the Authority's requirements at a reasonable price.
- d. It is anticipated that one contract will be awarded from this solicitation for an estimated total aggregate value of \$120,000,000, and will have a 24 month base period plus three (3) twelve (12) month option periods. A Minimum Guarantee amount of \$2,500 will apply to the Base Period only.
- e. Only Architect or Engineering firms may compete for this contract. Firms are required to submit documentation that the firm is an architect or engineering firm and is to provide that documentation in Section H of the SF330. Documentation can be the firm's engineering registration number from a State Board of Professional Engineers if the State in which the firm is located has a firm registration requirement, or it can be resumes of the senior engineers/architects that are managing the firm showing that they are registered engineers or architects.
- f. A pre-proposal conference will be held at 1:00 p.m. on May 4, 2015, in the lobby level cafeteria of Carmen Turner Facility, 3500 Pennsy Drive, Hyattsville, MD 20785. Consultant attendance shall be limited to no more than two (2) attendees per consultant. It is requested that offerors submit their questions in writing, whether in advance of the meeting or during the meeting. Questions from the floor, however, are permissible.
- g. If you have any questions, Technical, Contractual, or Administrative, please e-mail them to com-inbound-a--e-idig-gec--facilities@procoretech.com no later than 2:00 PM, May 8, 2015. WMATA will provide written answers via an amendment to the solicitation posted on our website.
- h. **Your proposal must be received with all required submittals as stated in the RFP, no later than 2:00PM, May 20, 2014, at WMATA, Office of Procurement and Materials, 600 Fifth Street, NW, Room 3C-02, Washington, DC 20001-2651.**

2. **DEFINITIONS**

- a. As used herein:
- b. "Clarifications" are limited exchanges, between the Authority and offerors, where offerors may be given the opportunity to clarify certain aspects of their proposals or to resolve minor irregularities, informalities or clerical errors.
- c. "Descriptive literature" means information provided by an offeror, such as cuts, illustrations, drawings, and brochures that shows a product's characteristics or construction of a product or explains its operation. The term includes only that information needed to evaluate the acceptability of the product and excludes other information for operating or maintaining the product.
- d. "Discussions" are negotiations that may occur after receipt of proposals (generally after establishment of the competitive range) and before award that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.
- e. "Excluded Parties List System" means an electronic database maintained and posted by the General Services Administration containing the list of all parties suspended, proposed for debarment, debarred, declared ineligible, or excluded or disqualified under the non-procurement common rule by agencies, Government corporations, or by the Government Accountability Office.
- f. "In writing," "writing," or "written" means any worded or numbered expression that can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.
- g. "May" denotes the permissive. However, the words "no person may" mean that person is required, authorized, or permitted to do the act described.
- h. "Must" (see "shall").
- i. "Offer" means a response to a solicitation that, if accepted, would bind the offeror to perform the resultant contract. Responses to requests for proposals (negotiation) are offers called "proposals"; however, responses to requests for quotations (simplified acquisition) are "quotations," not offers.
- j. "Offeror" and "proposer" are synonymous and refer to the entity that submits an offer in response to this solicitation.
- k. "Option" means a unilateral right in a contract by which, for a specified time, the Authority may elect to purchase additional supplies or services called for by the contract, or may elect to extend the term of the contract.
- l. "Organizational conflict of interest" means that because of other activities or relationships with other persons, a person is unable or potentially unable to render impartial assistance or advice to the Authority, or the person's objectivity in performing the contract work is or might be otherwise impaired, or a person has an unfair competitive advantage.
- m. "Preaward survey" means an evaluation of a prospective contractor's capability to perform a proposed contract.

- n. "Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.
- o. "Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer typically as a result of discussions.
- p. "Shall" means the imperative.
- q. "Should" means an expected course of action or policy that is to be followed unless inappropriate for a particular circumstance.
- r. "Solicitation" means "Request for Proposal (RFP)" where the procurement is negotiated.
- s. "Will" (see "shall").

3. **EXPLANATION TO OFFERORS**

- a. Any explanation desired by an Offeror regarding the meaning or interpretation of the solicitation documents must be requested in writing and with sufficient time allowed for a reply to reach all Offerors before the submission of their offers. **Oral explanations or instructions given before the award of the contract will not be binding.** Any information given to an Offeror concerning a solicitation will be furnished promptly to all Offerors as an amendment of the solicitation, if that information is necessary in submitting offers or if lack of such information would be prejudicial to other Offerors. All Requests should be addressed as follows and submitted via e-mail to the following address:

com-inbound-a--e-idig-gec-facilities@procoretech.com

com-inbound-development-of-oncall-engineering-consultant-contr@procoretech.com

4. **PRIOR REPRESENTATIONS**

- a. The Authority assumes no responsibility for any understanding or representations concerning this solicitation made by any of its officers or agents prior to the issuance of the solicitation, the specifications, or related documents.

5. **ACKNOWLEDGMENT OF AMENDMENTS**

- a. Receipt of an amendment to a solicitation by a Offeror must be acknowledged (a) by signing and returning the amendment, (b) by identifying the amendment number and date on the Solicitation, Offer and Award Form, (c) and by expressly acknowledging the amendment on the designated form and including it as part of the proposal. Such amendment must be received prior to the hour and date specified in the solicitation. If this solicitation is amended, then all terms and conditions which are not modified remain unchanged.

6. **PRE-PROPOSAL CONFERENCE**

- a. For the purpose of clarifying the terms, conditions, and requirements of this Request for Proposal, a pre-proposal conference will be held to respond to questions by interested offerors. **This pre-proposal conference will be held at 1:00 p.m. on May 4, 2015, in**

the lobby level cafeteria of Carmen Turner Facility, 3500 Pennsy Drive, Hyattsville, MD 20785. The purpose of this conference will be to answer questions regarding, or requests for clarifications of, the solicitation documents. Consultant attendance shall be limited to no more than two (2) attendees per consultant. It is requested that offerors submit their questions in writing, whether in advance of the meeting or during the meeting. Questions from the floor, however, are permissible. ~~It is requested that offerors submit their questions in writing whether in advance of the meeting or during the meeting. Questions from the floor, however, are permissible.~~

- b. All questions concerning the terms, conditions, and requirements of this Request for Proposal must be received by the Contracting Officer via email no later than 2:00PM, May 8, 2015 at com-inbound-a--e-idig-gec-facilities@procoretech.com.

7. REVISIONS PRIOR TO DATE SET FOR RECEIPT OF PROPOSALS

- a. The right is reserved by the Authority to revise or amend the Scope of Work, Description of Work, drawings, etc. prior to the date set for the opening of proposals. Such revisions and amendments, if any, will be announced by an amendment to the Request for Proposal. Copies of such amendments as may be issued will be furnished to all prospective proposers.
- b. If the revisions and amendments require material changes in quantities or price proposals, or both, the date set for the opening of proposals may be postponed by such number of days as in the opinion of the Authority that will enable offerors to revise their proposals. In such cases, the amendment will include an announcement of the new date for the opening of proposals.

8. SUBMISSION OF OFFERS

- a. Offers and modifications thereof shall be enclosed in sealed envelopes and addressed to the office specified in the solicitation. The Offeror shall show the hour and date specified in the solicitation for receipt, the solicitation number, and the name and address of the Offeror on the face of the envelope.
- b. In addition to the paper copies identified above, the offeror shall also submit all proposal information in electronic format on a USB. Text and graphics portions of the electronic copies shall be in a format readable by Microsoft (MS) Word 2000. Data submitted in spreadsheet format shall be readable by MS Excel 2000. Oral presentation (if conducted) material shall be readable by MS Office 2000 or MS PowerPoint 2000. In case of conflict between the paper copy and the electronic copy of the proposals submitted, the paper copy shall take precedence.
- c. Telegraphic offers will not be considered unless authorized by the solicitation; however, offers may be modified or withdrawn by written or telegraphic notice, provided such notice is received prior to the hour and date specified for receipt.
- d. Facsimile offers, modifications or withdrawals will not be considered unless authorized by the Authority.

9. LATE SUBMISSIONS, MODIFICATIONS, AND WITHDRAWALS OF OFFERS

- a. Any offer received at the office designated in the solicitation after the exact time specified for receipt will not be considered unless it is received before award is made and it

- (1) Was sent by registered or certified U.S. mail not later than the fifth calendar day before the date specified for receipt of offers (e.g., an offer submitted in response to a solicitation requiring receipt of offers by the 20th of the month must have been sent by registered mail by the 15th;
 - (2) Was sent by mail or, if authorized by the solicitation, was sent by telegram or via facsimile and it is determined by the Authority that the late receipt was due solely to mishandling by the Authority after receipt;
 - (3) Was sent by U.S. Postal Service Express Mail Next Day Service Post Office to Addressee, not later than 5:00 p.m. at the place of mailing two working days prior to the date specified for receipt of offers. The term "working days" excludes weekends and U.S. Federal holidays; or
 - (4) Is the only offer received.
- b. Any modification of an offer, except a modification resulting from the Contracting Officer's request for "revised final proposals" offer, is subject to the same conditions as in subparagraphs (a)(1), (2), and (3) of this provision.
 - c. A modification resulting from the Contracting Officer's request for "revised final proposals" received after the time and date specified in the request will not be considered unless received before award and the late receipt is due solely to mishandling by the Authority.
 - d. The only acceptable evidence to establish the date of mailing of a late offer, modification, or withdrawal sent by registered or certified mail is the U.S. or Canadian Postal Service postmark on the envelope or wrapper and on the original receipt from the U.S. or Canadian Postal Service. Both postmarks must show a legible date or the offer, modification or withdrawal shall be processed as if mailed late. "Postmark" means a printed, stamped, or otherwise placed impression (exclusive of a postage meter machine impression) that is readily identifiable without further action as having been affixed by employees of the U.S. or Canadian Postal Service on the date of mailing. Therefore, Offerors should request the postal clerk to place a legible hand cancellation bull's eye postmark on both the receipt and the envelope or wrapper.
 - e. The only acceptable evidence to establish the time of receipt by the Authority is the time/date stamp of that installation on the proposal wrapper or other documentary evidence of receipt maintained by the Authority.
 - f. The only acceptable evidence to establish the date of mailing of a late offer, modification, or withdrawal sent by Express Mail Next Day Service Post Office to Addressee is the date entered by the post office receiving clerk on the "Express Mail Next Day Service Post Office to Addressee" label and the postmark on both the envelope or wrapper and on the original receipt from the U.S. Postal Service. "Postmark" has the same meaning as defined in paragraph (d) of this provision, excluding postmarks of the Canadian Postal Service. Therefore, Offeror or Quoter should request the postal clerk to place a legible hand cancellation bulls-eye postmark on both the receipt and the envelope or wrapper.
 - g. Notwithstanding paragraph "a" above, a late modification of any otherwise successful offer that makes its terms more favorable to the Authority will be considered at any time it is received and may be accepted.

- h. Proposals may be withdrawn by written notice or telegram (including mailgram) received at any time before award. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision entitled "Facsimile Proposals". Proposals may be withdrawn in person by an Offeror or an authorized representative, if the representative's identity is made known and the representative signs a receipt for the proposal before award.

10. CONTRACT AND BONDS

- a. The proposer whose Technical and Price Proposal are accepted, shall, within the time established in the contract documents, enter into a written contract with the Authority and furnish performance bonds if applicable, on standard Authority forms in the amounts indicated in the General Provisions of the contract.

11. MINIMUM PROPOSAL ACCEPTANCE PERIOD

- a. "Acceptance period," as used in this provision, means the number of calendar days available to WMATA for awarding a contract from the date specified in this solicitation for receipt of proposals.
- b. This provision supersedes any language pertaining to the acceptance period that may appear elsewhere in this solicitation.
- c. WMATA requires a minimum acceptance period of **90** calendar days from the latest revised proposal.

12. DISADVANTAGED BUSINESS ENTERPRISES REQUIREMENTS

- a. Attached as Appendix B of this solicitation are documents outlining the requirements for the Disadvantaged Business Enterprise (DBE) Program: **WMATA wishes to attain an overall DBE Goal of 25% for this IDIQ contract. A DBE goal will be established at the individual task order level, which will be averaged to reach an attained goal of 25% for federally funded task orders. The DBE requirement goal will be established at the individual task order level.**

13. OPPORTUNITY FOR DISADVANTAGED BUSINESS ENTERPRISES TO PROPOSE

- a. The Washington Metropolitan Area Transit Authority hereby notifies all Offerors that it will affirmatively ensure that disadvantaged minority business enterprises will be afforded full opportunity to submit offers in response to this solicitation and will not be discriminated against on the basis of race, color, or national origin in consideration for award.

14. NOTICE OF PROTEST POLICY

- a. WMATA policy and procedure for the administrative resolution of protests is set forth in Chapter 17 of the Authority's Procurement Procedures Manual (PPM). Chapter 17 contains strict rules for filing a timely protest, for responding to a notice that a protest has been filed, and other procedural matters. The Contracting Officer can furnish a copy of Chapter 17 upon request.

- b. FTA Circular 4220.1F, addresses Protests. FTA will only review protests regarding the alleged failure of the grantee to have a written protest procedure or alleged failure to follow such procedures, and only when submitted by an interested party. The term "interested party" is defined in the Authority policy for handling protests.
- c. Alleged violation on other grounds must be submitted to the Contracting Officer who will decide the protest.
- d. The judicial authorities having jurisdiction over court actions concerning protest decisions are the United States District Courts for the Districts of Maryland, Virginia, and the District of Columbia, and the local courts in Maryland, Virginia, and the District of Columbia.

15. PRE AWARD INFORMATION

- a. Before making a determination of responsibility, the Contracting Officer shall possess or obtain information sufficient to satisfy the applicable standards and requirements for responsibility set forth in this Chapter.
- b. The Contracting Officer shall obtain information regarding the responsibility of a prospective contractor whose offer is in the competitive range. The prospective contractor shall promptly supply information requested by the Contracting Officer regarding its responsibility. If the prospective contractor fails to supply the information requested, the Contracting Officer shall make a determination of non-responsibility based upon the lack of available information.
- c. The Contracting Officer shall use the following sources of information, listed in priority order to support responsibility determinations:
 - (1) General Services Administration publication titled "System for Award Management" ("SAM"), formerly the "Excluded Parties List System." The results of the search must be printed and placed in the contract file;
 - (2) Written records and experience data, including verifiable knowledge of Authority personnel, and other sources, i.e.: publications, suppliers, subcontractors, and customers of the prospective contractor, financial institutions, government agencies, and business and trade associations. Contract Administrators and other Authority personnel who become aware of circumstances casting doubt on a contractor's ability to perform a contract successfully shall promptly inform the Contracting Officer and furnish the relevant information in writing;
 - (3) Information supplied by the prospective contractor, including proposal information, questionnaire replies, financial data, information on production equipment and personnel information; and
 - (4) Pre-award survey reports.

16. PROPOSAL FORMAT INSTRUCTIONS

- a. GENERAL

This is a competitive source selection conducted in accordance with the Brooks Act. Award will be made to the offeror who is determined to be the highest qualified, is deemed responsible, whose proposal conforms to the solicitation's requirements, and who is judged, by the Contractor Evaluation Board's (CEB) assessment of the specific criteria, defined in Article 18, to best meet the Authority's requirements at a reasonable price.

The offeror shall submit documentation illustrating their approach for satisfying the requirements of this solicitation. Proposals must be clear, coherent, and prepared in sufficient detail for effective evaluation of the offeror's proposal against the evaluation criteria. Also, this documentation shall cover all aspects of this solicitation and include the offeror's approach for integration and program management activities. Proposals must clearly demonstrate how the offeror intends to accomplish the project and must include convincing rationale and substantiation of all claims. Unnecessarily elaborate brochures or other presentations beyond those sufficient to present a complete effective response to the solicitation are not desired.

The offerors shall describe their proposals, through the use of graphs, charts, diagrams and narrative, in sufficient detail for the Authority to understand and evaluate the nature of the approach. In its evaluation, the Authority will consider the degree of substantiation of the proposed approaches in the proposal volumes and in response to any discussions if held.

All correspondence in conjunction with this solicitation should be directed to the Contract Administrator at the following email address:

com-inbound-a--e-idig-gec--facilities@procoretech.com

b. PROPOSAL VOLUME REQUIREMENTS

The proposal shall be accompanied by a cover letter (letter of transmittal) prepared on the company's letterhead stationery. The cover letter (letter of transmittal) shall identify all enclosures being transmitted and shall be used only to transmit the proposal and shall include no other information. The first or title page shall be in accordance with FAR 52.215-1, paragraph (c) (2). The following are further descriptions of the information that shall be provided with the proposal.

VOLUME I – TECHNICAL PROPOSAL	
SECTION	Page Limit
<i>I. Cover Letter</i>	10
<i>II. Table of Contents</i>	2
<i>III. Executive Summary</i>	5
<i>IV. SF 330</i>	100
<i>V. Design Quality Management Plan (DQMP)</i>	No limit

VOLUME II – PRICE PROPOSAL	
SECTION	Page Limit
I. <i>Unit Price Schedule Billing Rate Table (Attachment A)</i>	<i>No Limit</i>
II. <i>Certificate of Current Cost/Price Data (Attachment B)</i>	<i>1</i>

VOLUME III – CONTRACT DOCUMENTATION	
SECTION	Page Limit
I. <i>Representations and Certifications (Attachment C)</i>	<i>No Limit</i>
II. <i>Certificate of Insurance</i>	<i>No Limit</i>
III. <i>Pre-Award Data (Attachment D)</i>	<i>No Limit</i>
IV. <i>Signed Amendments (if any)</i>	<i>No Limit</i>
V. <i>Joint Venture Agreement (if applicable)</i>	<i>No Limit</i>

c. PAGE LIMITATIONS

The cover letter, title page, table of contents, table of figures, list of tables and glossary of abbreviations & acronyms do not count against page count limitations. Proposal contents that exceed the stated page limitations will be removed from the proposal by the Contracting Officer, prior to turning the proposal over to the Authority evaluation teams, and will not be considered in the evaluation.

d. FORMAT

e. Text shall be single-spaced, on 8½” x 11” paper (except as specifically noted), with a minimum one-inch margin all around. Pages shall be numbered consecutively. A page printed on both sides shall be counted as two pages. Submission as double-sided printing/copying on recycled paper is encouraged. Offerors may use 11” x 17” sized fold-out pages for tables, charts, graphs, or pictures that cannot be legibly presented on 8½” x 11” paper. An 11” x 17” is a two-sheet equivalent (with regards to the page count limitations). Print shall be of a minimum 12-point font size or a maximum 10 characters per inch spacing. Bolding, underlining, and italics may be used to identify topic demarcations or points of emphasis. Graphic presentations, including tables, while not subject to the same font size and spacing requirements, shall have spacing and text that is easily readable.

f. Each volume in the proposal shall include a copy of the cover letter (letter of transmittal), title page and table of contents. The table of contents shall list sections, subsections and page numbers. Each volume shall contain a glossary of all abbreviations and acronyms

used. Each acronym used shall be spelled out in the text the first time it appears in each proposal volume.

- g. In addition to the paper copies identified above, the offeror shall submit all proposal information in electronic format on a USB. Text and graphics portions of the electronic copies shall be in a format readable by Microsoft (MS) Word 2000. Data submitted in spreadsheet format shall be readable by MS Excel 2000. Oral presentation (if conducted) material shall be readable by MS Office 2000 or MS PowerPoint 2000. In case of conflict between the paper copy and the electronic copy of the proposals submitted, the paper copy shall take precedence.

h. **Submission Address.**

The proposals and all copies shall be sent or hand-carried to the address and POC shown below:

Washington Metropolitan Area Transit Authority
Attn: Errol Roper/FQ15191
600 Fifth St, N.W., Room 403
Washington DC 20001
Phone: 202-962-2086
E-Mail: eroper@wmata.com

- i. **Submission Due Dates.** Offers must be received prior to 2:00 PM EST, May 20, 2015. Late submissions will not be accepted.
- j. **Cross Referencing.** Each volume, other than the Cost volume, shall be written to the greatest extent possible on a stand-alone basis so that its content may be evaluated with a minimum of cross-referencing to other volumes of the proposal. Cross-referencing within a proposal volume is permitted where its use would conserve space without impairing clarity. Hyperlinking of cross-references is permissible. Information required for proposal evaluation, which is not found in its designated volume or cross-referenced, is assumed omitted from the proposal.

17. SELECTION CRITERIA

- a. The following evaluation criteria will be the basis for selection of the most preferred firm, in decreasing order of importance:
- 1) Professional qualifications necessary for satisfactory performance of required services;
 - 2) Demonstrated specialized experience and technical expertise in the design, engineering and architectural support for an operating rail and bus system, including the expertise, experience, and qualifications of the A/E's primary designer in each relative discipline for providing the services.
 - 3) Past performance on contracts with the Authority, Government agencies, and private industry in terms of cost control, quality of work, and compliance with performance schedules;
 - 4) Demonstrated success of the Quality Control (QC) program used by the firm to ensure quality products.

- 5) Demonstrated capacity to accomplish the work in the required time and ability to handle multiple projects at the same time.
 - 6) Firms present location in the general geographical area of the project and knowledge of the locality of the project;
 - 7) Proposed or past DBE participation and approach for selection, utilization, outreach, and reporting on the utilization of DBE's.
- b. **SELECTION INTERVIEW REQUIREMENTS:** The Authority reserves the right to conduct personal interviews for firms slated as most highly qualified. Firms slated for interviews may be asked to elaborate on selected questions explaining management and the overall firm's abilities.

These interviews may be used for evaluations in addition to the written proposals. Elaborate presentations are not desired. The interview is used to supplement information provided in the evaluation criteria; only applicable supplemental information will be evaluated.

- c. Cost will not be a factor in evaluating the offerors, but will be evaluated and negotiated for award for reasonableness. The Unit Price Schedule and Billing Rate Schedule (Attachment A) will be evaluated for reasonableness by performing a cost analysis to ascertain if a fair and reasonable price exists. Reasonableness will also be evaluated by assessing the acceptability of the offeror's methodology used in developing their Billing Rate Schedule.

18. SUBMITTAL REQUIREMENTS

VOLUME I – TECHNICAL PROPOSAL

d. TITLE PAGE (VOLUME I)

e. COVER LETTER (VOLUME I)

The Cover Letter must be signed by an officer authorized to make a binding commitment for the firm(s) making the Proposal. The cover letter shall include:

- 1) The RFP Number
- 2) The name address, telephone and facsimile numbers, and website addresses of the offeror (if applicable)
- 3) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item
- 4) Names, titles, and phone and facsimile numbers and e-mail addresses of persons authorized to negotiate on the offeror's behalf with the Authority in connection with this solicitation; and
- 5) Name title and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office

f. TABLE OF CONTENTS (VOLUME I)

The Technical Proposal must contain a Table of Contents that delineates all the sections in the Proposal.

g. EXECUTIVE SUMMARY (VOLUME I)

The offeror shall provide a short executive summary that describes the significant attributes of its proposal.

h. SF 330 (VOLUME I)

Follow the directions included in the instructions of the SF 330 unless directed otherwise in the solicitation.

SPECIFIC INSTRUCTIONS

Section B. Architect-Engineer Point of Contact.

In block 5, include the Dunn and Bradstreet Number (DUNS) and Taxpayer Identification Number, in addition to the name of the firm.

Section D. Organizational Chart of Proposed Team.

Note: All individuals listed on the organization chart are not required to have a resume in Section E, such as administrative or lower level engineering positions. Indicate the branch office location of each team member.

Section E. Resumes of Key Personnel Proposed for This Contract.

Complete this section for each key person who will participate in this contract. Group by firm, with personnel of the prime contractor or joint venture partner firms first. Provide brief resumes of Key Personnel, with a maximum of ten (10) specific completed projects that best illustrates the individual member's experience relevant to this contract scope. A project is defined as either a single function contract or a single task order under an Indefinite Delivery Indefinite Quantity or On-Call type contract. IDIQ contract as a whole will not be considered. Projects shall be in the range of \$100,000.00 to \$200,000,000.00.

Block 19: Relevant/Recent Projects. Provide information on up to ten (10) projects, but no less than five (5), within the past five (5) years from the posting of the solicitation, in which the person had a significant role that demonstrates the person's capability relevant to her/his proposed role in this contract. These projects do not necessarily have to be any of the projects presented in Section F for the project team if the person was not involved in any of those projects or the person worked on other projects that were more relevant than the team projects in Section F. Use the check box provided to indicate if the project was performed with any office of the current firm. If any of the professional services or construction projects are not complete, leave Year Completed blank and indicate the status in Brief Description and Specific Role (block (3)).

Section F. Example Projects Which Best Illustrate Proposed Team's Qualifications for This Contract.

Select projects where multiple team members worked together, if possible, that demonstrate the team's capability to perform work similar to that required for this contract. A project is defined as either a single function contract or a single task order under an Indefinite Delivery

Indefinite Quantity or On-Call type contract. IDIQ contract as a whole will not be considered. Projects shall be in the range of \$100,000.00 to \$200,000,000.00. Complete one Section F for each project. Present 10 (10) projects.

Section H. Additional Information.

In Section H Provide the following information:

1. Provide documentation that the firm is an architect or engineering firm. Documentation can be the firm's engineering registration number from a State Board of Professional Engineers if the State in which the firm is located has a firm registration requirement or it can be resumes of the senior engineers/architects that are managing the firm showing that they are registered engineers or architects.
2. Provide a narrative describing past performance with Transit agencies, Government agencies, and private industry on projects submitted in Section F, in terms of 1) quality of work, 2) cost control, 3) compliance with project schedules, and 4) contract/project management.
3. For each project provided in Section F submit:
 - a. If a federal contract, provide copies of DD Form 2631s, "Performance Evaluation – (Architect – Engineer)" or other applicable form.
 - b. If not a federal contract, provide facility owner documentation of the firm's performance issued on that contract. If no documentation exists, so state.
 - c. Provide accessible owner points of contact-name, title, address, telephone number, and email.
 - d. Provide copies of awards and letters of appreciation/commendation.
4. Please provide the following to demonstrate the offeror's capacity to accomplish the work in the required time and ability to handle multiple projects at the same time:
 - a. For each design team firm, list all **current** projects being designed in the design team firm's office, with a current design fee of greater than \$200,000.
 - b. For each project, identify the **current** design fee, the current stage of design, and the anticipated design completion date.
 - c. Indicate the firm's present workload and the availability of the project team (including subconsultants) for the specified contract performance period.
 - d. For the prime firm, describe experience in successfully delivering projects per performance schedule, how the firm will meet deliverable schedules while working on multiple projects simultaneously, providing timely construction support, and successfully completing multiple projects with similar delivery dates.
 - e. For the prime firm, discuss how increases or surges in workload would be managed.

5. Please provide the following to demonstrate the offeror's past performance of Disadvantage Business Enterprise utilization on projects submitted in Section F:
 - a. Provide copies of the most recent Individual Subcontract Report (ISR). (If the project is a task order, provide a summary of the contract's Disadvantage Business Enterprises (DBE) utilization including dollar value and percentage of task order value for each target. Provide the most recent contract ISR under which the task order was awarded.) If targets were not met provide an explanation. If no documentation exists, so state. A firm with no record of relevant past performance information shall be evaluated neither favorably nor unfavorably. The Government may use past performance information from other Government sources as needed.
6. Please provide a narrative describing the offeror's approach and commitment to the utilization of DBE's on this contract. The narrative shall include (1) the subconsultants identified in the SF330, Part 1, Section D: Organization Chart. Ensure that firms not on the Organization Chart but planned for target utilization are included in the narrative; and (2) a listing of DBE's that are currently on the Firms list of Qualified Sub-contractors that they have worked with in the past who currently have business activity in the VA, DC and MD areas of the National Capitol Region.

Part II - General Qualifications

See the "General Instructions" on page 1 of the SF 330 for firms with branch offices. Prepare Part II for the specific branch office seeking work if the firm has branch offices.

Block 11. Annual Average Professional Services Revenues of Firm for Last 5 Years. Complete this block for the firm or branch office for which this Part II is prepared. Enter the appropriate revenue index numbers to reflect the professional services revenues received annually (averaged over the last 5 years) by the firm or branch office. Indicate Transit Agency work (performed directly for a Transit Agency, either as the prime contractor or subcontractor), non-Transit Agency work, and the total. If the firm has been in existence for less than 5 years, see the definition for "Annual Receipts" under FAR 19.101.

i. Design Quality Management/Quality Control (QC) Plan (DQMP) (VOLUME I)

- 1) Provide an organization chart that identifies the overall relationship and lines of authority of the proposed team, including subcontractors. Include firm names, key personnel and their discipline/specialty.
- 2) Describe the prime's QC program and indicate how the prime firm ensures quality consistently across the entire team.
- 3) Identify the person primarily responsible for the QC program.
- 4) Address the team's QC processes for checking design-build RFPs and verifying plans and specifications for coverage of customer requirements.
- 5) Describe adjustments to prime's QC program to accommodate ongoing lessons learned.

VOLUME II – PRICE PROPOSAL

a. BILLING RATE SCHEDULE / RATE TABLE (VOLUME II)

1) General

- i. The proposal must contain an explanation of the offeror's and proposed subcontractors' fully burdened rates, including direct salary rates, overhead rates, and profit; and some information regarding other direct costs. A template Billing Rate Schedule is provided as Attachment A, which shall be included in the proposal.

2) Specific Requirements

i. Direct Salary Rates:

- (i) The offeror shall list the categories of professional or technical personnel expected to be required in order to perform task orders, to include prime and major subcontractors. A brief definition of the education and experience requirements for a listed category should be provided. Further, if some proposed labor categories are classified by multiple grades within a given discipline (e.g. Architect I and II, or Senior and Junior Engineer), a brief explanation as to how they are differentiated shall be provided. The list of categories of professional or technical personnel shall also be listed in the Billing Rate table with the education and experience requirements.
- (ii) The offeror should provide "Not-To-Exceed" (NTE) rates for professional or technical labor categories expected to be required in order to perform task orders.
- (iii) Rates should be provided by fiscal year, starting with July 1, 2015, and continuing through June 30, 2020. If rates are escalated, the degree (percent) and methodology must be shown. Escalation increases should reflect recent experience or established personnel policy. Types of salary increases given - merit, cost of living, etc. - should be discussed.

ii. Indirect Cost Rate

- (i) Generally, the offeror's accounting system and estimating practices will determine the method used to allocate overhead costs. The offeror's established practices, if in accordance with generally accepted accounting principles, will be accepted. Proposed overhead rates should represent the offeror's best estimate of the rates to be experienced during the contract period as projected by company budgets or by recent experience adjusted for factors which will influence trends. A narrative statement outlining the offeror's policies and practices for accumulating overhead costs and the method used to compute the proposed rate or rates is required. In the case of multi-branch firms, joint ventures or affiliates, it is expected that overhead costs applicable to the specific location(s) where work is to be performed will be proposed. Company-wide, joint venture, or

affiliate rate averages may not be appropriate. The rates should be tailored to the work location(s).

iii. Profit

- (i) The offeror shall provide two (2) fair and reasonable predetermined percentages for profit, required for support tasks and design tasks respectively, including a brief justification for the percentages.

iv. Markup

- (i) The offeror may request a markup on subcontract labor. If it does so, it should state the percentage and provide a justification for that figure.

v. Organizational Policies

- (i) Offeror shall briefly describe organization policies in the following area (published policies may be furnished):
- Travel/Subsistence
 - Subcontractor use and terms of agreements, including policy on selecting subcontractors, analyzing subcontractor costs or prices, and types of subcontracts utilized.

vi. Audit Reports

- (i) If the offeror or any subcontractor has been audited by a Government agency within the last two years, or has approved indirect cost rate, provide a copy of the audit report. Similarly, information on any Government approved indirect cost rates should be provided.

b. CERTIFICATE OF CURRENT COST/PRICE DATA (VOLUME II)

- 1) FAR 15.403-4 specifies when the submission and certification of written cost or pricing data is required. Submission and certification as to accuracy, completeness, and currentness are required prior to award of a negotiated contract or contract modification expected to exceed \$500,000.00. Individual subcontractors whose price proposals exceed \$500,000.00 shall also comply with these requirements.
- 2) "Cost or pricing data" is defined in FAR 15.401. Generally, as related to Architect/Engineer type contracts, "cost of pricing data" means all facts as of the time of price agreement that prudent buyers and sellers would reasonably expect to affect price negotiations significantly. This definition embraces more than historical accounting data; it also includes, where applicable, such factors as vendor quotations, nonrecurring costs, overhead computations, changes in architectural, drafting, or engineering methods, anticipated business volume increases affecting overhead absorption or any other management decisions which could reasonably be expected to have a significant bearing on costs under the proposed contract. Cost or pricing data are factual information which can be verified. In that the offeror's or

consultant's certification pertains to "cost or pricing data," it does not make representations as to the accuracy of its judgment regarding the estimated portion of future costs or projections. It does, however, apply to the data upon which the offeror's or consultant's judgment is based.

- 3) The Offeror shall provide a certificate of certified cost or pricing data with the proposal. (Attachment B)

VOLUME III – CONTRACTUAL DOCUMENTATION

a. REPRESENTATIONS AND CERTIFICATIONS (VOLUME I)

- 1) A completed Representations and Certifications shall be included in the proposal. (Attachment C)

b. CERTIFICATE OF INSURANCE

- 1) The Offeror shall provide an ACORD Certificate of Insurance (COI) as evidence that the insurance requirements have been satisfied.

c. PRE-AWARD DATA

- 1) The Offeror shall provide a completed and signed Pre-Award Evaluation Data Form. (Attachment D)
- 2) The Offeror shall provide complete financial statements for the last three years, including Statement of Financial Position (Balance Sheet), Results of Operations (Income Statement), Statement of Changes in Financial Position (Net Change in Resources) and Statement of Current and Retained Earnings. Doubt as to financial strength which cannot be resolved affirmatively may require a determination of non-responsibility by the Contracting Officer.

d. SIGNED AMENDMENTS

- 1) The Offeror shall submit signed copies of each amendment to the solicitation issued.

19. RESTRICTION ON DISCLOSURE AND USE OF DATA

- a. The Authority shall provide all reasonable precautions to insure that proprietary, technical and pricing information remains within the review process. Offerors shall attach to any proprietary data submitted with the solicitation the following legend:
 - a. "This data furnished pursuant to this RFP shall not be disclosed outside the Authority, be duplicated, or used in whole or in part, for any purpose other than to evaluate the offer; provided that, if a contract is awarded on the basis of that offer, the Authority shall have the right to duplicate, use, and disclose this data, in any manner and for any purpose whatsoever.
 - b. This information does not limit the Authority's right to use information contained in this data if it is or has been obtained by the Authority from another independent legitimate source.

- c. Except for the foregoing limitation, the Authority may duplicate, use, and disclose in any manner and for any purpose whatsoever and have others so do, all data furnished in response to this solicitation."

20. AWARD

- a. The Authority contemplates award of a single contract under this solicitation.

21. BASIS FOR AWARD

- a. This is a competitive source selection conducted in accordance with the Brooks Act. The firms selected for negotiation will be based on demonstrated competence and qualifications for the required work. Award will be made to the offeror who is determined to be the highest qualified, is deemed responsible, whose proposal conforms to the solicitation's requirements, and who is judged, by the Contractor Evaluation Board's (CEB) assessment of the evaluation criteria, to best meet the Authority's requirements at a reasonable price.

22. RATINGS FOR PROPOSAL EVALUATION CRITERIA

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

Definition of Adjective Rankings:

- a. Exceptional Exceeds specified performance or capability in a beneficial way to WMATA, and has no weakness.
- b. Acceptable Meets evaluation standards required under the technical provisions. Weaknesses are correctable.
- c. Marginal Fails to meet evaluation standard; however any significant deficiencies are correctable. Lacks essential information to support a proposal.
- d. Unacceptable Fails to meet an acceptable evaluation standard and the deficiency is uncorrectable. Proposal would have to undergo a major revision to become acceptable. Demonstrated lack of understanding of WMATA's requirements or omissions of major areas.
- e. A rating of "Acceptable" is required to be eligible for award consideration. Offeror is cautioned to be aware of this standard when preparing your Proposal.

23. DEFINITIONS FOR TECHNICAL EVALUATION

- a. Clarifications: Communications with an offeror for the sole purpose of eliminating minor irregularities, informalities, or apparent clerical mistakes in the proposal. Unlike discussions, clarifications do not give the offeror an opportunity to revise or modify its proposal, except to the extent that correction of apparent clerical mistake results in revisions.
- b. Discussions: Oral or written communications including negotiations between the Authority and an offeror (other than clarifications) that; involves information essential for determining the acceptability of the proposal or to cure identified defects in the proposal.

- c. Deficiencies: Defects in the proposal which preclude acceptance. Involves any part of the Offeror's proposal which would not satisfy the Authority's minimum requirements established in the solicitation. Included failures to meet specifications, submit information, or questionable technical or management approaches. Items disclosed during discussions, evaluated in two categories: material-basis for rejection because further discussions would be meaningless; curable –may be corrected by clarifications or discussions and brought into the competitive range.
- d. Weakness: Includes ambiguities, lack of complete descriptions, errors in interpretation, omissions of essential information, inadequate information, all of which are considered curable in discussions. An excessive number of clarifications may in itself constitute a weakness.
- e. Strengths: Elements of the proposal that meet or exceed the minimum requirements of the solicitation and provide an identified benefit to the Authority.

24. PRICE PROPOSAL EVALUATION

- a. The Cost will not be a factor in evaluating the offerors but will be evaluated for award for reasonableness. The successful offeror's Billing Rate Schedule will be evaluated for reasonableness by performing a cost analysis to ascertain if a fair and reasonable price exists. Reasonableness will also be evaluated by assessing the acceptability of the offeror's methodology used in developing their Billing Rate Schedule.

25. TYPE OF CONTRACT

- a. The Authority will award an Indefinite Delivery/Indefinite Quantity (IDIQ) contract. The Contract Type for task orders will be provided at the individual task order level.

26. ENGLISH LANGUAGE AND UNITED STATES CURRENCY

As regards this solicitation and the resultant contract:

All communications (oral, written, electronic and otherwise including but, not limited to software coding) shall be in the English language.

All pricing shall be in United States dollars.

27. FEDERAL/LOCAL/STATE SALES TAX

- a. The Authority is exempt under this solicitation from all Federal, State and District of Columbia, municipal and local taxation.
- b. This provision supersedes any language pertaining to payment of taxes that may appear elsewhere in this solicitation.
- c. The Authority's tax exempt numbers are as follows: District of Columbia -- 5611-0082187-001; Maryland -- 30072210; Virginia -- 5280-0067.

PART II – GENERAL / SPECIAL PROVISIONS

PART II – SECTION 1 - GENERAL PROVISIONS

1. DEFINITIONS

As used throughout this Contract, the following terms shall have the meanings set forth below:

- a. "Authority" means The Washington Metropolitan Area Transit Authority created effective February 20, 1967, by Interstate Compact by and between Maryland, Virginia, and the District of Columbia, pursuant to Public Law 89-774, approved November 6, 1966.
- b. "Authority Representative" if designated, is the person responsible for post award execution of an Authority contract in the most effective, economical, and timely manner. The Authority Representative is the Authority's primary point of contact with its Contractor. In addition, the Authority Representative is delegated authority to modify this Contract within specified dollar limits which are available upon request. The Authority may designate additional individuals, usually in the supervisory chain as the Authority Representative, who have dollar authority in excess of the Authority Representative's stated authority (see also definition of Contracting Officer). The Authority Representative may, at his or her discretion, delegate Project responsibilities to a Project Representative and certain other responsibilities to other designees. Unless the Contractor is directed to the contrary, all correspondence with respect to this Contract shall be sent to the Authority Representative.
- c. "Contracting Officer" means an employee within the Authority's Office of Procurement and Materials with authority duly delegated from the powers of the General Manager to legally bind the Authority by signing a contractual instrument. Contracting Officers have the authority to make related determinations and findings, and take other significant actions including, but not limited to: awards, changes, modifications, final payments, suspensions, terminations, debarments, assessment of liquidated damages, and issuances of final decisions. The term includes certain other representatives of the Authority acting within delegated limits of authority. In general, the Authority's primary point of contact for pre-award administration and fiscal closeout resides with the Contracting Officer, and the primary point of contact for the post-award contract administration may be either the Authority Representative or Contracting Officer's Technical Representative.
- d. "Contracting Officer's Technical Representative (COTR)" means a duly appointed individual assigned to perform contract administration activities as may be specifically authorized in regard to technical issues. A COTR does not have the authority to enter into contractual agreements including changes or modifications.
- e. "FTA" means the U.S. Department of Transportation, Federal Transit Administration.
- f. "Project Representative" means the individual(s), including but not limited to the Resident Engineer, to whom the Authority Representative has delegated Project responsibilities. If a Project Representative is appointed, the Project Representative represents the Authority Representative on the Project within the limits of that delegation with respect to any part of the Work.
- g. Except as otherwise provided in this Contract, the term subcontracts includes purchase orders under this Contract.

- h. Wherever in the scope of the work the words directed, ordered, designated, prescribed, or words of like import are used, it shall be understood that the direction, requirement, order, designation, or prescription of the Contracting Officer is intended and similarly the words approved, acceptable, satisfactory, or words of like import shall mean approved by, or acceptable to, or satisfactory to the Contracting Officer, unless otherwise expressly stated.

2. ACCOUNTING AND RECORD KEEPING

- a. Applicability. This Article shall become effective for and shall apply to any adjustment in the price of this Contract initiated by the Contractor or the Authority. However, where the original amount of this Contract is less than \$1,000,000, paragraph c. of this Article does not apply unless the adjustment is expected to exceed \$50,000.
- b. Forward Priced Adjustments. Unless expressly waived in writing in advance by the Contracting Officer, the Contractor shall furnish to the Contracting Officer a cost proposal in advance of performance of any work for which a price adjustment is requested under this Contract. The proposal format shall be as detailed in Article 39. The Contractor shall originate such records as are necessary to substantiate all elements of the pricing proposal, current to the date of agreement on the pricing adjustment. Such records supporting the costs of each pricing adjustment request shall be specifically segregated and identified in the Contractor's accounting system as being applicable to the pricing adjustment request.
- c. Post Pricing Adjustments. In addition to the records required to be originated under b. above, in the event pricing of an adjustment under this Contract is not agreed upon between the Contractor and the Contracting Officer prior to the commencement of work for which the pricing adjustment is requested, the Contractor and any subcontractor engaged in work for which the pricing adjustment is requested, shall maintain accounts and original cost records specifically segregated and identified by job order or other appropriate accounting procedures approved by the Contracting Officer of all incurred segregable costs related to the work for which the pricing adjustment is requested. The Contractor shall maintain accounts and records which segregate and account for the costs of all work associated with that part of the project for which the pricing adjustment is requested and shall allocate the costs so accumulated between (1) work required under the base Contract; (2) work requested to be reimbursed under the pricing adjustment; and (3) other claim, including but not limited to, changes, differing site conditions, and the like. The accounts and records so established shall accumulate such costs under logical costs groups, such as material, labor, equipment, subcontracts, field overhead and the like. The Contractor shall record these costs on a form approved by the Contracting Officer. Subject to agreement between the Contractor and the Contracting Officer, or upon direction of the Contracting Officer for work under Article 58, the Contractor shall use Form C-113 (Daily Report - Labor Materials and Equipment). The terms of Article 58.d of this Contract shall apply regardless of the form used.
- d. Availability. The accounts, records and costs information required to be originated under b. and c. above together with all other accounts, records and costs information related to this Contract shall be maintained and made available by the Contractor and subcontractor(s).
- (1) At the office of the Contractor or subcontractor(s) at all reasonable times for inspection, audit, reproduction or such other purposes as may be required

by the Contracting Officer or by anyone authorized access to the records by the Contracting Officer or pursuant to any other provisions of this Contract.

(2) Until the expiration of three years from the date of payment of the final \$100 (final payment) under this Contract or such lesser time as is specified in Subpart 4.7 of the Federal Acquisition Regulations and for such longer period, if any, as is required by applicable statute, or by other articles of this contract, or by paragraphs (a) and (b) below:

(a) If the Contract is completely or partially terminated, for a period of three years from either the date of any resulting final settlement or the date of final payment whichever is the greater period; and

(b) If a pricing adjustment is involved in any appeal under the Disputes Article of this Contract or in any litigation related to this Contract, for a period of one (1) year following the final disposition of the appeal or litigation.

i. When asserting a claim under the various provisions of this Contract, the Contractor shall grant the Authority access to review and ascertain the validity of the accounting records being maintained for segregation of costs, including base cost records, and to audit such costs as are deemed appropriate by the Contracting Officer. No payment shall be made to the Contractor on its claim until such records are made available and access is permitted.

j. Limitation on Pricing Adjustment. In the event the Contractor or any subcontractor fails to originate or to maintain, or to make available any accounts or records as required under this or any other Article of the Contract, any pricing adjustment or portion thereof previously granted by the Contracting Officer for which records are not available shall be rescinded and recomputed, or if a pricing adjustment has not yet been granted shall be computed, in an amount not to exceed the direct costs for the affected work for which accounts or records are not available, plus a single mark-up for indirect expenses not to exceed ten percent of the direct costs so determined by the Contracting Officer. The adjustment will be established by the Contracting Officer based upon, at his or her election, either,

(1) an audit of any existing books and records of the Contractor or subcontractor; or

(2) an Authority estimate adopted by the Contracting Officer, or

(3) a combination of (1) and (2);

1. plus a single mark-up for indirect expenses not to exceed ten percent of the direct costs so determined by the Contracting Officer. The Contractor and subcontractors shall not be allowed any profit for the work for which the Contractor or subcontractor fails to originate, or to maintain, or to make available any accounts or records as required under this Contract.

- k. The Contractor shall insert a clause containing all the provisions of this article in all subcontracts issued under this Contract, modified as necessary, for proper identification of the contracting parties and the Contracting Officer under this Contract.

2. ASSIGNMENT

- a. Except as otherwise provided in this provision, the Contractor shall not transfer any of its rights and obligations under this Contract to third parties without the prior consent of the Authority. The Authority may recognize a third party as successor in interest to the Contract in the event of a transfer of all or substantially all of the assets of the Contractor, a Division of the Contractor involved in the performance of the Contract, or a Parent company providing a performance guarantee under this Contract, (i.e., sales of assets, transfer of assets pursuant to merger or consolidation, or incorporation of a proprietorship or partnership). Such recognition of the transfer shall be within the discretion of the Contracting Officer after review of the facts and circumstances surrounding each request. At the discretion of the Contracting Officer, the Contracting Officer may conduct an evaluation of the successor party's capability to perform the Contract in the same manner and to the same extent the Contracting Officer was empowered to conduct a responsibility determination as part of the original solicitation for this Contract. Should the Contracting Officer, for any reason, not recognize such a successor in interest, it may terminate this Contract for the convenience of the Authority.
- b. Claims for monies due or to become due the Contractor from the Authority under this Contract may be assigned to a bank, trust company, or other financing institution, including any Federal lending agency, and may thereafter be further assigned and reassigned to any institution, upon written notice of such assignment to the Authority. Any such assignment or reassignment shall cover all amounts payable under this Contract and not already paid, and shall not be made to more than one party, except that any such assignment or reassignment may be made to one party as agent or trustee for two or more parties participating in such financing. It is the Authority's intent to recognize assignments only to bona fide lending institutions; therefore, assignment to any private corporation, business or individual which does not qualify as such is specifically prohibited.
- c. Any attempt to transfer by assignment not authorized by this provision shall constitute a breach of the Contract and the Authority may for such cause, terminate the Contract with the DEFAULT provision of these General Provisions, and the Contractor shall be liable to the Authority under the DEFAULT provision.

3. AUDIT RECORDS-NEGOTIATION

- a. This clause is applicable if this Contract was entered into by means of negotiation and shall become operative with respect to any modification to this Contract whether this Contract was initially entered into by means of negotiation or by means of formal advertising.
- b. As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form.
- c. If this is a cost-reimbursement, incentive, time-and-materials, labor-hour, or price redeterminable contract, or any combination of these, the Contractor shall maintain and the Contracting Officer, or an authorized representative of the Contracting Officer, shall

- have the right to examine and audit all records and other evidence sufficient to reflect properly all costs claimed to have been incurred or anticipated to be incurred directly or indirectly in performance of this contract. This right of examination shall include inspection at all reasonable times of the Contractor's plants, or parts of them, engaged in performing this contract.
- d. If the Contractor has been required to submit cost or pricing data in connection with any pricing action relating to this contract, the Contracting Officer, or an authorized representative of the Contracting Officer, in order to evaluate the accuracy, completeness, and currency of the cost or pricing data, shall have the right to examine and audit all of the Contractor's records, including computations and projections, related to the proposal for the contract, subcontract, or modification; the discussions conducted on the proposal(s), including those related to negotiating; pricing of the contract, subcontract or modification; or performance of the contract, subcontract or modification.
- e. If the Contractor is required to furnish cost, funding, or performance reports, the Contracting Officer or an authorized representative of the Contracting Officer shall have the right to examine and audit the supporting records and materials, for the purpose of evaluating the effectiveness of the Contractor's policies and procedures to produce data compatible with the objectives of these reports; and the data reported.
- f. The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence described above, for examination, audit or reproduction, until 3 years after final payment under this contract or for any shorter period specified in Subpart 4.7, Contractor Records Retention, of the Federal Acquisition Regulation (FAR), or for any longer period required by statute or by other clauses of this contract. In addition—
- (1) If this contract is completely or partially terminated, the Contractor shall make available the records relating to the work terminated until 3 years after any resulting final termination settlement; and
 - (2) The Contractor shall make available records relating to appeals under the Disputes clause or to litigation or the settlement of claims arising under or relating to this contract until such appeals, litigation, or claims are fully resolved.
- g. The Contractor shall insert a clause containing all the terms of this clause, including this paragraph (g), in all subcontracts under this contract that exceed the simplified acquisition threshold (currently \$100,000 or less) and –
- (1) That are cost reimbursable, incentive, time-and-material, labor-hour, or price redeterminable type or any combination of these;
 - (2) For which cost or pricing data are required; or
 - (3) That require the contractor to submit reports as discussed in paragraph (e) of this clause.

4. CERTIFICATE OF CURRENT COST OR PRICING DATA

- a. The Contractor shall provide a Certificate of Current Cost or Pricing Data as required in Subpart 15.4 of the Federal Acquisition Regulations (48 CFR 15.4) in support of any

negotiated contract expected to exceed \$100,000 any modification to a formally advertised or negotiated contract on which the aggregate of the increase and decreases in cost are expected to exceed \$100,000; the Contracting Officer at his discretion may request cost or pricing data for modifications on which cost are \$100,000 or less and an attendant certificate of current cost or pricing data.

5. CHANGES

- a. The Contracting Officer may at any time, by a written order, and without notice to the sureties, make changes, within the general scope of this Contract, in any one or more of the following:
 - (1) Description of services to be performed.
 - (2) Time of performance (i.e., hours of the day, days of the week, etc.).
 - (3) Place of performance of the services.
 - (4) Drawings, designs, or specifications, where the supplies to be furnished are to be specially manufactured for the Authority, in accordance with the drawings, designs, or specifications.
 - (5) Method of shipment or packing of supplies.
 - (6) Place of delivery.
- b. If any such change causes an increase or decrease in the cost of, or the time required for, the performance of any part of the work under this Contract, whether changed or not changed by the order, the Contracting Officer shall make an equitable adjustment in the Contract price, the delivery schedule, or both, and shall modify the Contract.
- c. The Contractor must assert its right to an adjustment under this article within 30 days from the date of receipt of the written order. Any such adjustment to the contract price must be agreed upon prior to final payment of the contract price.
- d. If the Contractor's proposal includes the cost of property made obsolete or excess by the change, the Contracting Officer shall have the right to prescribe the manner of the disposition of the property.
- e. Failure to agree to any adjustment shall be a dispute under the Disputes article. However, nothing in this article shall excuse the Contractor from proceeding with the contract as changed.

6. NONDISCRIMINATION ASSURANCE

- a. Nondiscrimination Assurance: In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. §2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. §6102, section 202 of the American with Disabilities Act of 1990, 42 U.S.C. §12132, and Federal transit law at 49 U.S.C. §5332, the contractor, sub-recipient, or subcontractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, creed, national origin, sex, age, or disability. In addition, the contractor, sub-recipient, or

- subcontractor agrees to comply with applicable Federal implementing regulations and other implementing regulations that FTA may issue.
- b. Equal Employment Opportunity: The following equal employment opportunity requirements apply to this contract.
- (1) Race, Color, Creed, National Origin, Sex: In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. §2000e, and Federal transit laws at 49 U.S.C. §5332, the Contractor agrees to comply with all applicable equal opportunity requirements of the U. S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor, " 41 C.F.R. Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Contract. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, creed, national origin, sex or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
 - (2) Age: In accordance with Section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. §623 and Federal transit law at 49 U.S.C. §5332, the Contractor agrees to refrain from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
 - i. (3) Disabilities: In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. §12112, the Contractor agrees that it will comply with the requirements of U. S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.
- c. The Contractor also agrees to include all of these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

- d. Failure by the contractor, sub-recipient, or subcontractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

7. CONFLICT OF INTEREST

- a. Neither the Contractor nor any person or company affiliated with it shall have, during the term of this contract and any extensions thereof, any contractual or other financial relationship with the Authority, with any Authority prime Contractor, or with any subcontractor or supplier to any Authority prime Contractor other than the contractual relationship established under this Contract, unless an exception is granted as described below.
- b. Upon request of the Contractor and upon full disclosure and for good cause the Contracting Officer may in his sole discretion grant an exception to the requirement of a., above, when in his judgment the exception will not create a conflict between the Contractor's duties and obligations under this contract and the duties and obligations imposed on the Contractor under the contractual or other relationship for which an exception is requested.
- c. If, during the performance of this contract and any extension thereof, the Contractor becomes aware of any relationship, financial interest, or other activity in which it or an affiliated person or company is involved which is not in compliance with the provisions of a., above, it shall promptly notify the Contracting Officer in writing and fully disclose all circumstances thereof. Should the Contracting Officer not grant an exception to the requirements of this Article, the Contractor shall, within ten (10) days of written notice from the Contracting Officer to do so, take all action necessary to comply with the terms of a., above.
- d. If the Contractor fails to comply with the terms of this Article, the Contracting Officer, may withhold payments due under the contract until such time as the Contractor is in compliance or, should the non-compliance remain uncorrected at the expiration of ten (10) days from written notice from the Contracting Officer as provided in c., above, terminate the contract for default pursuant to the Default Article of this contract.
- e. The Contractor in performing this Contract shall avoid any conduct which might result in or give the appearance of creating for Directors, Officers or employees of the Authority in their relationship with the Contractor any conflicts of interest or favoritism and/or the appearance thereof and shall avoid any conduct which might result in a Director, Officer or employee failing to adhere to the Standards of Conduct adopted by the Authority's Board of Directors.
- f. Any determination by the Contracting Officer under this Article shall be final and shall be considered a question of fact within the meaning of the Disputes Article of this Contract.

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

a. Pursuant to Section 102 (Overtime):

- (1) **Overtime requirements** - No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment

of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

- (2) **Violation; liability for unpaid wages; liquidated damages** - In the event of any violation of the clause set forth in paragraph (1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$ 10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.
- (3) **Withholding for unpaid wages and liquidated damages** - The Authority shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) **Subcontracts** - The contractor or subcontractor shall insert in any subcontracts the clauses set forth in this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in this section.

b. **Section 107 (OSHA):**

- c. **Contract Work Hours and Safety Standards Act** - (i) The Contractor agrees to comply with section 107 of the Contract Work Hours and Safety Standards Act, 40 U.S.C. section 333, and applicable DOL regulations, " Safety and Health Regulations for Construction " 29 C.F.R. Part 1926. Among other things, the Contractor agrees that it will not require any laborer or mechanic to work in unsanitary, hazardous, or dangerous surroundings or working conditions.
 - (ii) **Subcontracts** - The Contractor also agrees to include the requirements of this section in each subcontract. The term "subcontract" under this section is considered to refer to a person who agrees to perform any part of the labor or material requirements of a contract for construction, alteration or repair. A person who undertakes to perform a portion of a contract involving the furnishing of supplies or materials will be considered a "subcontractor" under this section if

the work in question involves the performance of construction work and is to be performed: (1) directly on or near the construction site, or (2) by the employer for the specific project on a customized basis. Thus, a supplier of materials which will become an integral part of the construction is a "subcontractor" if the supplier fabricates or assembles the goods or materials in question specifically for the construction project and the work involved may be said to be construction activity. If the goods or materials in question are ordinarily sold to other customers from regular inventory, the supplier is not a "subcontractor." The requirements of this section do not apply to contracts or subcontracts for the purchase of supplies or materials or articles normally available on the open market.

9. CONVICT LABOR

- a. In connection with the performance of work under this Contract, the Contractor agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965.

10. CORRECTION OF DEFICIENCIES

- a. Definitions: As used in this article:

- (1) Deficiency means any condition or characteristics in any supplies (which term shall include related technical data) or services furnished hereunder, which is not in compliance with the requirements of this Contract.
- (2) Correction means any and all actions necessary to eliminate any and all deficiencies.
- (3) Supplies mean the end item(s) furnished by the Contractor and related services required under this Contract.

- b. General:

- (1) The rights and remedies of the Authority provided in this article:
 - (a) Shall not be affected in any way by any other provisions under this Contract concerning the conclusiveness of inspection and acceptance; and
 - (b) Are in addition to and do not limit any rights afforded to the Authority by any other article of this Contract.
- (2) This article shall apply only to those deficiencies discovered by either the Authority or the Contractor within one year after acceptance.
- (3) The Contractor shall not be responsible under this article for the correction of deficiencies in Authority furnished property, except for deficiencies in installation, unless the Contractor performs or is obligated to perform any modifications or other work on such property. In that event, the Contractor shall be responsible for correction of deficiencies to the extent of such modifications or other work.

- (4) The Contractor shall not be responsible under this article for the correction of deficiencies caused by the Authority.

c. Deficiencies in accepted supplies or services:

- (1) Notice to Contractor - Recommendation for Correction: If the Contracting Officer determines that a deficiency exists in any of the supplies or services accepted by the Authority under this Contract, he shall promptly notify the Contractor of the deficiency, in writing, within 30 days. Upon timely notification of the existence of such a deficiency, or if the Contractor independently discovers a deficiency in accepted supplies or services, the Contractor shall promptly submit to the Contracting Officer his recommendation for corrective actions, together with supporting information in sufficient detail for the Contracting Officer to determine what corrective action, if any, shall be undertaken.
- (2) Direction to Contractor concerning correction of deficiencies: Within 30 days after receipt of the Contractor's recommendations for corrective action and adequate supporting information, the Contracting Officer, at his sole discretion, shall give the Contractor written notice not to correct any deficiency, or to correct or partially correct any deficiency within a reasonable time and at a specified location.
- (3) Correction of deficiencies by Contractor: The Contractor shall promptly comply with any timely written direction by the Contracting Officer to correct or partially correct a deficiency, at no increase in the Contract price. The Contractor shall also prepare and furnish to the Authority data and reports applicable to any correction required under this article (including revision and updating of all other affected data called for under this Contract) at no increase in the Contract price.
- (4) Modification of Contract With respect to uncorrected deficiencies: In the event of timely notice of a decision not to correct or only to partially correct, the Contractor shall promptly submit a technical and cost proposal to amend the Contract to permit acceptance of the affected supplies or services in accordance with the revised requirements, and an equitable reduction in Contract price shall promptly be negotiated by the parties and reflected in a supplemental agreement to this Contract.

- d. Deficiencies in supplies or services not yet accepted: If the Contractor becomes aware at any time before acceptance by the Authority (whether before or after tender to the Authority) that a deficiency exists in any supplies or services, he shall promptly correct the deficiency or, if he elects to invoke the procedures in paragraph c. above, he shall promptly communicate information concerning the deficiency to the Contracting Officer, in writing, together with his detailed recommendation for corrective action.

e. No extension in time for performance; no increase in Contract price.

- (1) In no event shall the Authority be responsible for extension or delays in the schedule deliveries or periods of performance under this Contract as a result of the Contractor's obligations to correct deficiencies, nor shall there be any adjustment of the delivery schedule or period of performance as a

result of such correction of deficiencies, except as may be agreed to by the Authority in a supplemental agreement with adequate consideration.

- (2) It is hereby specifically recognized and agreed by the parties hereto that this article shall not be construed as obligating the Authority to increase the Contract price of this Contract.

f. Transportation charges:

- (1) When the Authority returns supplies to the Contractor for correction or replacement pursuant to this article, the Contractor shall be liable for transportation charges up to an amount equal to the cost of transportation by the usual commercial method of shipment from the designated destination point under this Contract to the Contractor's plant, in addition to any charges provided for by (2) below. The Contractor shall also bear the responsibility for the supplies while in transit.
- (2) When compliance with the terms of this article by the Contractor involves shipment of corrected or replacement supplies from the Contractor to the Authority, the Contractor shall be liable for transportation charges up to an amount equal to the cost of transportation by the usual commercial method of shipment from the Contractor's plant to the designated destination point under this Contract, in addition to any charges provided for by (1) above. The Contractor shall also bear the responsibility for the supplies while in transit.

g. Failure to correct: If the Contractor fails or refuses to

- (1) present a detailed recommendation for corrective action in accordance with c. above,
- (2) correct deficiencies in accordance with c. (3) above, or
- (3) prepare and furnish data and reports in accordance with paragraph c. (3) above,
 1. the Contracting Officer shall give the Contractor written notice specifying the failure or refusal and setting a period after receipt of the notice within which it must be cured. If the failure or refusal is not cured within the specified period, the Contracting Officer may, by contract or otherwise, as required:
- (2) Obtain detailed recommendations for corrective action;
 - i. (2)(a) Correct the supplies or services, or
- b. (b) Replace the supplies or services; and if the Contractor fails to furnish timely disposition instructions, the Contracting Officer may dispose of nonconforming supplies for the Contractor's account in a reasonable manner, in which case the Authority is entitled to reimbursement from the Contractor or from the proceeds for the reasonable expenses of care and disposition, as well as for excess costs incurred or to be incurred; and

- (4) Obtain applicable data and reports and charge to the Contractor the cost occasioned to the Authority thereby.
- h. Correction of deficient replacements and re-performances: Any supplies or parts thereof corrected or furnished in replacement and any services re-performed pursuant to this article shall also be subject to all the provisions of the article to the same extent as supplies or services initially accepted.
- c. Disassembly/reassembly expense: The Contractor shall be liable for reasonable cost of disassembly/reassembly of larger items necessary to remove the supplies to be inspected and/or returned for correction or replacement.

11. COST OR PRICING DATA

- a. The Contractor shall submit to the Contracting Officer, either actually or by specific identification in writing, cost or pricing data under the conditions described in this paragraph and certify that, to the best of his knowledge and belief, the cost or pricing data submitted is accurate, complete, and current as of the date of execution, which date shall be as close as possible to the date of agreement on the negotiated price of the Contract modification. The cost or pricing data shall be submitted at the time the Contractor submits his proposal for the pricing of any modification to this Contract, whether or not cost or pricing data was required in connection with the initial pricing of the Contract, when the modification involves aggregate increases and/or decreases in costs plus applicable profits expected to exceed \$100,000, or less at the discretion of the Contracting Officer.
- b. The submittal of certified cost or pricing data shall not be required if the price is based on adequate price competition, established catalog or market prices of commercial items sold in substantial quantities to the general public, or prices set by law or regulation. The Contractor agrees that the terms adequate price competition and established catalog or market prices of commercial items sold in substantial quantities to the general public shall be determined by the Contracting Officer in accordance with the guidelines as set forth in Subpart 15.4 of the Federal Acquisition Regulations (48 CFR 15.4).
- c. Cost or pricing data consists of all facts existing up to the time of agreement on price which prudent buyers and sellers would reasonably expect to have a significant effect on the price negotiations for the modification. The definition of cost or pricing data embraces more than historical accounting data; it also includes where applicable, such factors as subcontractor, supplier and vendor quotations, non-recurring costs, changes in construction methods, unit cost trends such as those associated with labor efficiency and any management decisions which could reasonably be expected to have a significant bearing on costs under the proposed modification and the Contract work. Cost or pricing data consists of all facts which can reasonably be expected to contribute to sound estimates of future costs as well as to the validity of costs already incurred. Cost or pricing data, being factual, is that type of information which can be verified. Because the certificate pertains to cost or pricing data, it does not make representations as to the accuracy of the Contractor's judgment on the estimated portion of future costs or projections. The certificate does, however, apply to the data upon which the Contractor's judgment is based.

12. COVENANT AGAINST CONTINGENT FEES

- d. The Contractor warrants that no person or selling agency has been employed or retained to solicit or secure this Contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, excepting bona fide employees or bona fide established commercial or selling agencies maintained by the Contractor for the purpose of securing business. For breach or violation of this warranty, the Authority shall have the right to annul this Contract without liability or in its discretion, to deduct from the Contract price or consideration, or otherwise recover, the full amount of such commission, percentage, brokerage, or contingent fee.

13. DEFAULT

- a. The Authority may, subject to the provisions of paragraph c. below, by written notice of default to the Contractor, terminate the whole or any part of this Contract in any one of the following circumstances:
 - (1) If the Contractor fails to make delivery of the supplies or to perform the services within the time specified herein or any extension thereof; or
 - (2) If the Contractor fails to perform any of the other provisions of this Contract, or so fails to make progress as to endanger performance of this Contract in accordance with its terms, and in either of these two circumstances does not cure such failure within a period of 10 days (or such longer period as the Contracting Officer may authorize in writing) after receipt of notice from the Contracting Officer specifying such failure.
- b. In the event the Authority terminates this Contract in whole or in part as provided in paragraph a. of this article, the Authority may procure, upon such terms and in such manner as the Contracting Officer may deem appropriate, supplies or services similar to those so terminated, and the Contractor shall be liable to the Authority for any excess costs for such similar supplies or services; provided, that the Contractor shall continue the performance of this Contract to the extent not terminated under the provisions of this article.
- c. Except with respect to defaults of subcontractors, the Contractor shall not be liable for any excess costs if the failure to perform the Contract arises out of causes beyond the control and without the fault or negligence of the Contractor. Such causes may include, but are not restricted to, acts of God or of the public enemy, acts of the Government in its sovereign capacity or the Authority in its contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and unusually severe weather; but in every case the failure to perform must be beyond the control and without the fault or negligence of the Contractor. If the failure to perform is caused by the default of a subcontractor, and if such default arises out of causes beyond the control of both the Contractor and subcontractor, and without the fault or negligence of either of them, the Contractor shall not be liable for any excess costs for failure to perform, unless the supplies or services to be furnished by the subcontractor were obtainable from other sources in sufficient time to permit the Contractor to meet the required delivery schedule.
- d. If this Contract is terminated as provided in paragraph a. of this article, the Authority, in addition to any other rights provided in this article, may require the Contractor to transfer title and deliver to the Authority, in the manner and to the extent directed by the Contracting Officer,

- (1) any completed supplies, and

- (2) such partially completed supplies and materials, parts, tools, dies, jigs, fixtures, plans, drawings, information, and contract rights (hereinafter called "manufacturing materials") as the Contractor has specifically produced or specifically acquired for the performance of such part of this Contract as has been terminated; and the Contractor shall, upon direction of the Contracting Officer, protect and preserve property in the possession of the Contractor in which the Authority has an interest. Payment for completed supplies delivered to and accepted by the Authority shall be at the Contract price. Payment for manufacturing materials delivered to and accepted by the Authority and for the protection and preservation of property shall be in an amount agreed upon by the Contractor and Contracting Officer; failure to agree to such amount shall be a dispute concerning a question of fact within the meaning of the DISPUTES article of this Contract. The Authority may withhold from amounts otherwise due the Contractor for such completed supplies or manufacturing materials such sum as the Contracting Officer determines to be necessary to protect the Authority against loss because of outstanding liens or claims of former lien holders.
- e. If, after notice of termination of this Contract under the provisions of article, it is determined for any reason that the Contractor was not in default under the provisions of this article, or that the default was excusable under the provisions of this article, the rights and obligations of the parties shall, if the Contract contains an article providing for termination for convenience of the Authority, be the same as if the notice of termination had been issued pursuant to such article. If, after notice of termination of this Contract under the provisions of this article, it is determined for any reason that the Contractor was not in default under the provisions of this article, and if this Contract does not contain an article providing for termination for convenience of the Authority, the Contract shall be equitably adjusted to compensate for such termination and the Contract modified accordingly; failure to agree to such adjustment shall be a dispute concerning a question of fact within the meaning of the DISPUTES article of this Contract.
- f. If the Contractor fails to deliver the supplies or perform the services within the time specified in this Contract, or any extension thereof, the actual damage to the Authority for the delay will be difficult or impossible to determine. Therefore in lieu of actual damages, the Contractor shall pay to the Authority as fixed, agreed and liquidated damages for each calendar day of delay, the amount set forth elsewhere in this Contract. Alternatively, the Authority may terminate this Contract in whole or in part as provided in paragraph a. of this article, and in that event the Contractor shall be liable, in addition to the excess costs provided in paragraph b. above, for such liquidated damages accruing until such time as the Authority may reasonably obtain delivery or performance of similar supplies or services. The Contractor shall not be charged with liquidated damages when the delay arises out of causes beyond the control and without the fault or negligence of the Contractor, as defined in paragraph c. above, and in such event, subject to the DISPUTES article, the Contracting Officer shall ascertain the facts and extent of the delay and shall extend the time for performance of the contract when in his judgment the findings of fact justify an extension.
- g. The rights and remedies of the Authority provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.
- h. As used in paragraph c. of this clause, the terms subcontractor and subcontractors mean subcontractor(s) at any tier.

14. DELAY OF WORK

- a. If the performance of all or any part of the work is delayed or interrupted by an act of the Contracting Officer in the administration of this Contract, which act is not expressly or impliedly authorized by this Contract, or by his failure to act within the time specified, an adjustment (excluding profit) shall be made for any increase in the cost of performance of this Contract caused by such delay or interruption and the contract modified in writing accordingly. Adjustment shall be made also in the delivery or performance dates and any other contractual provision affected by such delay or interruption. However, no adjustment shall be made under this article for any delay or interruption:
- (1) to the extent that performance would have been delayed or interrupted by any other cause, including the fault or negligence of the Contractor; or
 - (2) for which an adjustment is provided or excluded under any other provision of this Contract.
- b. No claim under this clause shall be allowed
- (1) for any costs incurred more than 20 days before the Contractor shall have notified the Contracting Officer in writing of the act or failure to act involved; and
 - (2) unless the claim, in an amount stated, is asserted in writing as soon as practicable after the termination of such delay or interruption, but not later than the date of final payment under the Contract.

15. RESOLUTION OF DISPUTES

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

be construed as making final the decisions of the Board of Directors or its representative on a question of law.

16. EMPLOYMENT RESTRICTION WARRANTY

- a. The Contractor warrants that it will not offer employment to any officer or employee of the Washington Metropolitan Area Transit Authority (WMATA) who has been involved, directly or indirectly, in any matter of financial interest to the Contractor until at least one year after the officer or employee has ceased involvement in or responsibility for the matter.
- b. The Contractor further warrants that it will not employ any WMATA officer or employee who has had direct responsibility for any matter of financial interest to the Contractor within the year prior to the retirement or termination of the officer or employee until at least one full year after such officer or employee has left the employment of the Authority.
- c. The one year requirement described in a. and b. above may be waived at the discretion of the Contracting Officer if the WMATA employee or former employee has been subject to a Reduction in Force; in such case, the Contracting Officer will provide the Contractor with a letter to that effect.
- d. If a waiver is granted, or if a former employee of WMATA is eventually hired, the Contractor shall be responsible for ensuring that the former employee is not directly involved in negotiating or otherwise dealing with WMATA on any particular matter over which such employee had responsibility during his or her period of employment at WMATA.
- e. Should the Contractor fail to comply with paragraphs a., b. or d. above, the Contracting Officer shall have the right to withhold payment under this Contract in an amount not to exceed 2% of the total Contract amount as liquidated damages to the Authority, such withholding to be in addition to any other withholding under this Contract. Further, the Contracting Officer shall consider such violation in evaluating the Contractor's responsibility in connection with award of any other Authority Contract.

17. EXTRAS

- a. Except as otherwise provided in this Contract, no payment for extras shall be made unless such extras and the price therefor have been authorized in writing in advance by the Contracting Officer.

18. FEDERAL, STATE AND LOCAL TAXES

- a. Except as may be otherwise provided in this Contract, the Contract price includes all applicable Federal, State, and Local taxes and duties.
- b. Nevertheless, with respect to any Federal excise tax or duty on the transactions or property covered by this Contract, if a statute, court decision, written ruling, or regulation takes effect after the Contract date, and:

- (1) Results in the Contractor being required to pay or bear the burden of any such Federal excise tax or duty or increase in the rate thereof which would

not otherwise have been payable on such transactions or property, the Contract price shall be increased by the amount of such tax or duty or rate increase, provided the Contractor warrants in writing that no amount for such newly imposed Federal excise tax or duty or rate increase was included in the Contract price as a contingency reserve or otherwise; or

- (2) Results in the Contractor not being required to pay or bear the burden of, or in his obtaining a refund or drawback of, any such Federal excise tax or duty which would otherwise have been payable on such transactions or property or which was the basis of an increase in the Contract price, the Contract price shall be decreased by the amount of the relief, refund, or drawback, or that amount shall be paid to the Authority, as directed by the Contracting Officer. The Contract price shall be similarly decreased if the Contractor, through his fault or negligence or his failure to follow instructions of the Contracting Officer, is required to pay or bear the burden of, or does not obtain a refund or drawback of, any such Federal excise tax or duty.
- c. Paragraph b. above shall not be applicable to social security taxes or to any other employment tax.
- d. No adjustment of less than \$100 shall be made in the Contract price pursuant to paragraph b. above.
- e. As used in paragraph b. above, the term Contract date means the Contract date. As to additional supplies or services procured by modification to this Contract, the term Contract date means the date of such modification.
- f. Unless there does not exist any reasonable basis to sustain an exemption, the Authority upon the request of the Contractor shall, without further liability, furnish evidence appropriate to establish exemption from any Federal, State or Local tax; provided that evidence appropriate to establish exemption from any Federal excise tax or duty which may give rise to either an increase or decrease in the Contract price will be furnished only at the discretion of the Authority.
- g. The Contractor shall promptly notify the Contracting Officer of matters which will result in either an increase or decrease in the Contract price and shall take action with respect thereto as directed by the Contracting Officer.

19. GRATUITIES

- a. In connection with performance of work required under this Contract, or any changes or modifications relative thereto, the giving of or offering to give gratuities (in the form of entertainment, gifts or otherwise) by the Contractor, or any agent, representative or other person deemed to be acting on behalf of the Contractor, or any supplier or subcontractor furnishing material to or performing work under this Contractor, or any agent, representative or other person deemed to be acting on behalf of such supplier or subcontractor, to any Director, Officer or employee of the Authority; or to any Director, Officer, employee or agent of any of the Authority's agents, consultants, representatives or other persons deemed to be acting for or on behalf of the Authority with a view toward securing a contract or securing favorable treatment with respect to the awarding or amending, or the making of any determinations with respect to the performing of such

contract is expressly forbidden. The terms of this GRATUITIES article shall be strictly construed and enforced in the event of violations hereto.

- b. Reported instances of the giving or offering to give gratuities within the context of this GRATUITIES article will be investigated by the Board of Directors or its duly authorized representative. A preliminary investigation will be made to determine whether there is probable cause to suspect that a violation of this article has been committed. If such probable cause is found to exist, the Board of Directors, or its duly authorized representative, shall formally notify the suspected donor corporation or individual in writing of the particulars of the event; and provide such donor the opportunity to be heard on the matter. The aims of the investigations and hearing shall be to ensure due process and to preserve the best interests and rights of all parties by the full and fair disclosure of all relevant and material information. Accordingly, the Board of Directors, or its duly authorized representative, shall require production of all pertinent documents and records, and sworn testimony from witnesses. During the pendency of any investigation or hearing treating with a violation of this GRATUITIES article, the Board of Directors, or its duly authorized representative may exercise its power granted by the Washington Metropolitan Area Transit Authority Compact, Public Law 774, 80 Star. 1324, Article V, General Powers, Subparagraph (k), by issuing subpoenas to compel the attendance of necessary witnesses, and to compel production of papers, records, accounts, ledgers and documents. The subpoenas shall be enforceable by order of an appropriate United States District Court. If, after notice and hearing, or notice of the opportunity to be heard, the Board of Directors, or its duly authorized representative, finds that a violation of this GRATUITIES article has been committed, the Authority shall have the right to:
- (1) Require that the individual(s) giving or offering the gratuity be removed from further participation on any Authority projects (be terminated);
 - (2) Deny the Contractor any G & A (general and administrative) mark-ups for all changes and/or modifications found to be tainted by the giving of or offering to give gratuities;
 - (3) Preclude the Contractor from proposing, receiving or participating as joint venturer, subcontractor or otherwise in any Authority project for a period of five years;
 - (4) Have complete access to all the Contractor's financial books, records and accounts for the purpose of performing a comprehensive audit of the entire project.
 - (5) In the event of repeated violations of this GRATUITIES article or of gross or extreme conduct indicative of a corrupt intent to gain special advantage, by written notice to the Contractor, terminate the right of the Contractor to proceed under the Contract.
- c. The existence of the facts upon which the Board of Directors, or its duly authorized representative, makes findings in connection with investigations and hearings in consonance herewith shall be an issue and may be reviewed in any competent court.
- d. In the event this Contract is terminated as provided in paragraph b. (5) hereof, the Authority shall be entitled

- (1) to pursue the same remedies against the Contractor as it could pursue in the event of a breach of the Contract by the Contractor, and
 - (2) as a penalty in addition to any other damages to which it may be entitled by law, to exemplary damages in any amount (as determined by the Board or its duly authorized representative) which shall be not less than three nor more than ten times the costs incurred by the Contractor in providing any such gratuities to any such officer or employee.
- e. The rights and remedies of the Authority provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under this Contract.

20. INSPECTION OF SERVICES

- a. "Services" as used in this clause, includes services performed, workmanship, and material furnished or utilized in the performance of services.
- b. The Contractor shall provide and maintain an inspection system acceptable to the Authority covering the services under this contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the Authority during contract performance and for as long afterwards as the Contract requires.
- c. The Authority has the right to inspect and test all services called for by this contract, to the extent practicable at all times and places during the term of the contract. The Authority shall perform inspection and tests in a manner that will not unduly delay the work.
- d. If the Authority performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, at non-increase in contract price, all reasonable facilities and assistance for the safe and convenient performance of these duties.
- e. If any of the services performed do not conform to contract requirements, the Authority may require the Contractor to perform the services again in conformity with contract requirements, for no additional fee. When the defects in performance cannot be corrected by re-performance, the Authority may:
 - (1) Require the Contractor to take necessary action to ensure that future performance conforms to contract requirements; or
 - (2) Reduce the contract price to reflect the reduced value of the services performed.
- f. If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with contract requirements, the Authority may:
 - (1) By contract or otherwise, perform the services and charge to the contractor any cost incurred by the Authority that is directly related to the performance of the service; or

(2) Terminate the contract for default.

21. INSPECTION OF SUPPLIES

- a. Definition. "Supplies," as used in this clause, includes but is not limited to raw materials, components, intermediate assemblies, end products, and lots of supplies.
- b. The Contractor shall provide and maintain an inspection system acceptable to the Authority covering supplies under this contract and shall tender to the Authority for acceptance only supplies that have been inspected in accordance with the inspection system and have been found by the Contractor to be in conformity with contract requirements. As part of the system, the Contractor shall prepare records evidencing all inspections made under the system and the outcome. These records shall be kept complete and made available to the Authority during contract performance and for as long afterwards as the contract requires. The Authority may perform reviews and evaluations as reasonably necessary to ascertain compliance with this paragraph. These reviews and evaluations shall be conducted in a manner that will not unduly delay the contract work. The right of review, whether exercised or not, does not relieve the Contractor of the obligations under the contract.
- c. The Authority has the right to inspect and test all supplies called for by the contract, to the extent practicable, at all places and times, including the period of manufacture, and in any event before acceptance. The Authority shall perform inspections and tests in a manner that will not unduly delay the work. The Authority assumes no contractual obligation to perform any inspection and test for the benefit of the Contractor unless specifically set forth elsewhere in this contract.
- d. If the Authority performs inspection or test on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, at no increase in contract price, all reasonable facilities and assistance for the safe and convenient performance of these duties. Except as otherwise provided in the contract, the Authority shall bear the expense of Authority inspections or tests made at other than the Contractor's or subcontractor's premises; provided, that in case of rejection, the Authority shall not be liable for any reduction in the value of inspection or test samples.
- e. When supplies are not ready at the time specified by the Contractor for inspection or test, the Contracting Officer may charge to the Contractor the additional cost of inspection or test. The Contracting Officer may also charge the Contractor for any additional cost of inspection or test when prior rejection makes reinspection or retest necessary.
- f. The Authority has the right either to reject or to require correction of nonconforming supplies. Supplies are nonconforming when they are defective in material or workmanship or are otherwise not in conformity with contract requirements. The Authority may reject nonconforming supplies with or without disposition instructions.
- g. The Contractor shall remove supplies rejected or required to be corrected. However, the Contracting Officer may require or permit correction in place, promptly after notice, by and at the expense of the Contractor. The Contractor shall not tender for acceptance corrected or rejected supplies without disclosing the former rejection or requirement for correction, and, when required, shall disclose the corrective action taken.
- h. If the Contractor fails to promptly remove, replace, or correct rejected supplies that are required to be removed or to be replaced or corrected, the Authority may either (1) by

- contract or otherwise, remove, replace, or correct the supplies and charge the cost to the Contractor or (2) terminate the contract for default. Unless the Contractor corrects or replaces the supplies within the delivery schedule, the Contracting Officer may require their delivery and make an equitable price reduction. Failure to agree to a price reduction shall be a dispute.
- i. If this contract provides for the performance of Authority quality assurance at source, and if requested by the Authority, the Contractor shall furnish advance notification of the time when Contractor inspection or tests will be performed in accordance with the terms and conditions of the contract; and when the supplies will be ready for Authority inspection. The Authority's request shall specify the period and method of the advance notification and the Authority representative to whom it shall be furnished. Requests shall not require more than two (2) workdays of advance notification if the Authority representative is in residence in the Contractor's plant, nor more than seven (7) workdays in other instances.
 - j. The Authority shall accept or reject supplies as promptly as practicable after delivery, unless otherwise provided in the contract. Authority failure to inspect and accept or reject the supplies shall not relieve the Contractor from responsibility, nor impose liability on the Authority, for nonconforming supplies.
 - k. Inspections and tests by the Authority do not relieve the Contractor of responsibility for defects or other failures to meet contract requirements discovered before acceptance. Acceptance shall be conclusive, except for latent defects, fraud, gross mistakes amounting to fraud, or as otherwise provided in the contract.
 - l. If acceptance is not conclusive for any of the reasons in paragraph (k) hereof, the Authority, in addition to any other rights and remedies provided by law, or under other provisions of this contract, shall have the right to require the Contractor:
 - (1) At no increase in contract price, to correct or replace the defective or nonconforming supplies at the original point of delivery or at the Contractor's plant at the Contracting Officer's election, and in accordance with a reasonable delivery schedule as may be agreed upon between the Contractor and the Contracting Officer; provided, that the Contracting Officer may require a reduction in contract price if the Contractor fails to meet such delivery schedule; or
 - (2) Within a reasonable time after receipt by the Contractor of notice of defects or nonconformance, to repay such portion of the contract as is equitable under the circumstances if the Contracting Officer elects not to require correction or replacement. When supplies are returned to the Contractor, the Contractor shall bear the transportation cost from the original point of delivery to the Contractor's plant and return to the original point when that point is not the Contractor's plant.
 - i. If the Contractor fails to perform or act as required in paragraph (l)(1) or (l)(2) of this clause and does not cure such failure within a period of ten (10) calendar days (or such longer period as the Contracting Officer may authorize in writing) after receipt of notice from the Contracting Officer specifying such failure, the Authority shall have the right by contract or otherwise to replace or correct such supplies and charge to the Contractor the cost occasioned the Authority thereby.

22. LIMITATION ON WITHHOLDING PAYMENTS

- a. If more than one article or schedule provision of this Contract authorizes the temporary withholding of amounts otherwise payable to the Contractor for supplies delivered or services performed, the total of the amounts so withheld at any one time shall not exceed the greatest amount which may be withheld under any one such article or schedule provision at that time; provided, that this limitation shall not apply to:
 - a. Withholdings pursuant to any clause relating to wages or hours of employees;
 - b. Withholdings not specifically provided for by this Contract; and
 - c. The recovery of overpayment.

23. NEW MATERIAL

- a. Except as to any supplies and components which the Specifications or schedule specifically provides need not be new, the Contractor represents that the supplies and components to be provided under this Contract are new (not used or reconditioned, and not of such age or so deteriorated as to impair their usefulness or safety). If at any time during the performance of this Contract, the Contractor believes that the furnishing of supplies or components which are not new is necessary or desirable, he shall notify the Contracting Officer immediately, in writing, including the reasons therefor and proposing any consideration which will flow to the Authority if authorization to use such supplies is granted.

24. NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT

- a. The provisions of this article shall be applicable only if the amount of this Contract exceeds \$10,000.
- b. The Contractor shall report to the Contracting Officer, promptly and in reasonable written detail, each notice or claim of patent or copyright infringement based on the performance of this Contract of which the Contractor has knowledge.
- c. In the event of any claim or suit against the Authority on account of any alleged patent or copyright infringement arising out of the performance of this Contract or out of the use of any supplies furnished or work or services performed hereunder, the Contractor shall furnish to the Authority, when requested by the Contracting Officer, all evidence and information in possession of the Contractor pertaining to such suit or claim. Such evidence and information shall be furnished at the expense of the Authority except where the Contractor has agreed to indemnify the Authority.
- d. This clause shall be included in all subcontracts.

25. NOTICE TO THE AUTHORITY OF LABOR DISPUTES

- a. Whenever the Contractor has knowledge that any actual or potential labor dispute is delaying or threatens to delay the timely performance of this Contract, the Contractor shall immediately give notice thereof, including all relevant information with respect thereto, to the Contracting Officer.

- b. The Contractor agrees to insert the substance of this clause, including this paragraph b., in any subcontract hereunder as to which a labor dispute may delay the timely performance of this Contract; except that each such subcontract shall provide that in the event its timely performance is delayed or threatened by delay by any actual or potential labor dispute, the subcontractor shall immediately notify his next higher tier subcontractor, or the Contractor, as the case may be, of all relevant information with respect to such dispute.

26. OFFICIALS NOT TO BENEFIT

- a. No member of or delegate to Congress, or resident commissioner, shall be admitted to any share or part of this Contract, or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this Contract if made with a corporation for its general benefit.
- b. No member, officer, or employee of the Public Body or of a local public body during his tenure or one year thereafter shall have any interest, direct or indirect, in this Contract or the proceeds thereof.

27. ORDER OF PRECEDENCE

- a. Any inconsistency in this solicitation or Contract shall be resolved by giving precedence in the following order: (a) Contract Amendments/Modifications; (b) Solicitation Offer and Award Forms; (c) Representations and Certifications; (d) Price Proposal as Negotiated; (e) General Provisions; (f) WMATA Standard Specifications and Technical Specifications of the Contract, whether incorporated by reference or otherwise; (g) other documents, exhibits, and attachments; and (h) drawings, if any. In the event of a conflict within, between or among all the above listed order of precedent, the more stringent requirement shall apply.

28. PATENT AND RIGHTS IN DATA

- a. Rights in Data - The following requirements apply to each contract involving experimental, developmental or research work:
 - (1) The term "subject data" used in this section means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under this contract. The term includes graphic or pictorial delineation in media such as drawings or photographs; text in specifications or related performance or design-type documents; machine forms such as punched cards, magnetic tape, or computer memory printouts; and information retained in computer memory. Examples include, but are not limited to: computer software, engineering drawings and associated lists; specifications, standards, process sheets, manuals, technical reports, catalog item identifications, and related information. The term "subject data" does not include financial reports, cost analyses, and similar information incidental to Project administration.
 - (2) The following restrictions apply to all subject data first produced in the performance of this contract.
 - (a) Except for its own internal use, the Authority or Contractor may not publish or reproduce subject data in whole or in part, or in any

manner or form, nor may the Authority or Contractor authorize others to do so, without the written consent of the Federal Government, until such time as the Federal Government may have either released or approved the release of such data to the public; this restriction on publication, however, does not apply to any contract with an academic institution

- (b) In accordance with 49 CFR § 18.34 and 49 CFR § 19.36, the Federal Government reserves a royalty-free, non-exclusive and irrevocable license to reproduce, publish, or otherwise use, and to authorize others to use, for "Federal Government purposes," any subject data or copyright described in subsections (2)(b)1 and (2)(b)2 of this clause below. As used in the previous sentence, "for Federal Government purposes," means use only for the direct purposes of the Federal Government. Without the copyright owner's consent, the Federal Government may not extend its Federal license to any other party.
 - i. Any subject data developed under that contract, whether or not a copyright has been obtained; and
 - ii. Any rights of copyright purchased by the Authority or Contractor using Federal assistance in whole or in part provided by FTA.
- (c) When FTA awards Federal assistance for experimental, developmental, or research work, it is FTA's general intention to increase transportation knowledge available to the public, rather than to restrict the benefits resulting from the work to participants in that work. Therefore, unless FTA determines otherwise, the Authority and the Contractor performing experimental, developmental, or research work required by the underlying contract to which this Attachment is added agrees to permit FTA to make available to the public, either FTA's license in the copyright to any subject data developed in the course of that contract, or a copy of the subject data first produced under the contract for which a copyright has not been obtained. If the experimental, developmental, or research work, which is the subject of the underlying contract, is not completed for any reason whatsoever, all data developed under that contract shall become subject data as defined in subsection (a) of this clause and shall be delivered as the Federal Government may direct. This subsection (c), however, does not apply to adaptations of automatic data processing equipment or programs for the Authority or Contractor's use whose costs are financed in whole or in part with Federal assistance provided by FTA for transportation capital projects.
- (d) Unless prohibited by state law, upon request by the Federal Government, the Authority and the Contractor agree to indemnify, save, and hold harmless the Federal Government, its officers, agents, and employees acting within the scope of their official duties against any liability, including costs and expenses, resulting from any willful or intentional violation by the Authority or Contractor of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data

furnished under that contract. Neither the Authority nor the Contractor shall be required to indemnify the Federal Government for any such liability arising out of the wrongful act of any employee, official, or agents of the Federal Government.

- (e) Nothing contained in this clause on rights in data shall imply a license to the Federal Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to the Federal Government under any patent.
 - (f) Data developed by the Authority or Contractor and financed entirely without using Federal assistance provided by the Federal Government that has been incorporated into work required by the underlying contract to which this Attachment has been added is exempt from the requirements of subsections (b), (c), and (d) of this clause, provided that the Authority or Contractor identifies that data in writing at the time of delivery of the contract work.
 - (g) Unless FTA determines otherwise, the Contractor agrees to include these requirements in each subcontract for experimental, developmental, or research work financed in whole or in part with Federal assistance provided by FTA.
- (3) Unless the Federal Government later makes a contrary determination in writing, irrespective of the Contractor's status (i.e. , a large business, small business, state government or state instrumentality, local government, nonprofit organization, institution of higher education, individual, etc.), the Authority and the Contractor agree to take the necessary actions to provide, through FTA, those rights in that invention due the Federal Government as described in U.S. Department of Commerce regulations, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," 37 C.F.R. Part 401.
- (4) The Contractor also agrees to include these requirements in each subcontract for experimental, developmental, or research work financed in whole or in part with Federal assistance provided by FTA.
- b. Patent Rights - The following requirements apply to each contract involving experimental, developmental, or research work:
- (1) General - If any invention, improvement, or discovery is conceived or first actually reduced to practice in the course of or under the contract to which this Attachment has been added, and that invention, improvement, or discovery is patentable under the laws of the United States of America or any foreign country, the Authority and Contractor agree to take actions necessary to provide immediate notice and a detailed report to the party at a higher tier until FTA is ultimately notified.
 - (2) Unless the Federal Government later makes a contrary determination in writing, irrespective of the Contractor's status (a large business, small business, state government or state instrumentality, local government, nonprofit organization, institution of higher education, individual), the Authority and the Contractor agree to take the necessary actions to

provide, through FTA, those rights in that invention due the Federal Government as described in U.S. Department of Commerce regulations, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," 37 C.F.R. Part 401.

- (3) The Contractor also agrees to include the requirements of this clause in each subcontract for experimental, developmental, or research work financed in whole or in part with Federal assistance provided by FTA.

29. PATENT INDEMNITY

- a. If the amount of this Contract is in excess of \$10,000, the Contractor shall indemnify the Authority and its officers, agents, and employees against liability, including costs, for infringement of any United States letters patent arising out of the manufacture or delivery of supplies under this Contract. The foregoing indemnity shall not apply unless the Contractor shall have been informed as soon as practicable by the Authority of the suite or action alleging such infringement, and shall have been given such opportunity as is afforded by applicable laws, rules, or regulations to participate in the defense thereof; and further, such indemnity shall not apply to:
 - (1) an infringement resulting from compliance with specific written instructions of the Contracting Officer directing a change in the supplies to be delivered or in the materials or equipment to be used, or directing a manner or performance of the Contract not normally used by the Contractor;
 - (2) an infringement resulting from addition to, or change in, such supplies or components furnished which addition or change was made subsequent to delivery or performance by the Contractor; or
 - (3) a claimed infringement which is settled without the consent of the Contractor, unless required by final decree of court of competent jurisdiction.

30. PAYMENTS

- a. The Contractor shall be paid, upon the submission of proper invoices or vouchers, the prices stipulated herein for supplies delivered and accepted or services rendered and accepted, less deductions, if any, as specified.
- b. For those contracts which exceed \$100,000 and to which Appendix 'B' applies, the failure to perform in accordance with the said Appendix may result in partial or full suspension of payment and/or progress payments.
- c. If the Contractor meets his goal as required by Appendix 'B' of this contract titled Disadvantaged/Women Business Enterprise (DBE/WBE) or if the Contractor demonstrates that every reasonable effort has been made to meet its goal, the Contractor shall be presumed to be in compliance with said Appendix. But, if the Contracting Officer finds the Contractor not to be in compliance with said Appendix, the progress of the work shall also be deemed to be unsatisfactory and there shall be retained from payment (or progress payments) made to the Contractor pursuant to this Article of the General Provisions an amount equal to the DBE/WBE participation in the Contract. Additionally, if the Contractor fails to submit monthly DBE reports, the

Contracting Officer may suspend payment (or progress payments) until such time as the monthly reports have been submitted and accepted by the Authority.

31. PAYMENT DEDUCTIONS - NONCOMPLIANCE WITH DBE REQUIREMENTS

- (a) **For** federally funded contracts that exceed \$100,000 and to which the Disadvantage Business Enterprise (DBE) Requirements (Appendix B) apply, the failure to perform in accordance with requirements of Appendix B may result in a partial or full suspension of payment, including progress payments, if applicable.
- (b) If the Contractor is found to be in noncompliance with the DBE requirements of Appendix B, the progress of the work shall also be deemed to be unsatisfactory, and an amount equal to the DBE participation in the Contract shall be retained from payment (or progress payments, if any) made to the Contractor.
- (c) If the Contractor fails to submit the required monthly DBE reports, the Contracting Officer may suspend payment (or progress payments) until such time as the monthly reports are submitted and accepted by the Authority.

32. PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA — PRICE ADJUSTMENTS

- a. This article shall become operative only with respect to any modification of this Contract which involves aggregate increases and/or decreases in costs plus applicable profits in excess of \$100,000 unless the modification is priced on the basis of adequate competition, established catalog or market prices of commercial items sold in substantial quantities to the general public, or prices set by law or regulation. The right to price reduction under this article is limited to defects in data relating to such modification.
- b. If any price, including profit, or fee, negotiated in connection with any price adjustment under this Contract was increased by any significant sums because:
 - (1) The Contractor furnished cost or pricing data which was not complete, accurate and current as certified in the Contractor's Certificate of Current Cost or Pricing Data;
 - (2) A subcontractor, pursuant to the articles of this Contract entitled SUBCONTRACTOR COST OR PRICING DATA or SUBCONTRACTOR COST OR PRICING DATA--PRICE ADJUSTMENTS or any subcontract clause therein required, furnished cost or pricing data which was not complete, accurate and current as certified in the subcontractor's Certificate of Current Cost or Pricing Data;
 - (3) A subcontractor or prospective subcontractor furnished cost or pricing data which was required to be complete, accurate and current and to be submitted to support a subcontract cost estimate furnished by the Contractor but which was not complete, accurate and current as of the date certified in the Contractor's Certificate of Current Cost or Pricing Data; or
 - (4) The Contractor or a subcontractor or prospective subcontractor furnished any data, not within (1) or (3) above, which was not accurate, as submitted; the price shall be reduced accordingly and the Contract shall be modified in writing as may be necessary to reflect such reduction. However, any

reduction in the Contract price due to defective subcontract data of a prospective subcontractor, when the subcontract was not subsequently awarded to such subcontractor, will be limited to the amount (plus applicable overhead and profit markup) by which the actual subcontract, or the actual cost to the Contractor, if there was no subcontract, was less than the prospective subcontract cost estimate submitted by the Contractor, provided that the actual subcontract price was not affected by defective cost or pricing data.

- b. **NOTE:** Since the Contract is subject to reduction under this article by reason of defective cost or pricing data submitted in connection with certain subcontracts, it is expected that the Contractor may wish to include an article in each such subcontract, requiring the subcontractor to appropriately indemnify the Contractor. However, the inclusion of such an article and the terms thereof are matters for negotiation and agreement between the Contractor and the subcontractor and are not binding upon the Authority. It is also expected that any subcontractor subject to such indemnification will generally require substantially similar indemnification for defective cost or pricing data required to be submitted to his lower tier subcontractors.

33. PRICING OF ADJUSTMENTS

- a. When costs are a factor in any determination of a Contract price adjustment pursuant to the CHANGES AND CHANGED CONDITIONS article or any other provision of this Contract, such costs shall be in accordance with the Subpart 31.1 of the Federal Acquisition Regulations (48 CFR 31.1).
- b. Notwithstanding any interpretation of the aforementioned contract cost principles and procedures to the contrary, the Authority will not be liable for interest, however represented, on or as a part of any claim, request, proposal or adjustment, including equitable adjustments, whether said claim, request, proposal or adjustment, including equitable adjustments, arises under the Contract or otherwise.
- c. Where general and administrative expense is recoverable as part of any pricing adjustment under this contract, the adjustment shall be based on the relationship between the Contractors' total general and administrative expenses allowable under FAR cost principles for all construction-type operations during the fiscal or calendar year covering the actual performance period of the work included in this pricing adjustment, and the Contractor's total cost input (excluding General and Administrative costs) for construction-type operations during the same period, expressed as a percentage, applied to the direct and overhead contract costs included in the pricing adjustment.

34. RESPONSIBILITY FOR INSPECTION

- a. Notwithstanding the requirements for any Authority inspection and test contained in Specifications applicable to this Contract, except where specialized inspections or tests are specified for performance solely by the Authority, the Contractor shall perform or have performed the inspections and tests required to substantiate that the supplies and services provided under the Contract conform to the Drawings, Specifications and Contract requirements.

35. RETENTION OF DOCUMENTS

- a. Except where this Contract specifically requires otherwise, the Contractor shall retain for a period of three (3) years from final payment, all research and supporting documentation, work papers and other documents, whether written or electronic, used in the performance of services for this Contract.

36. RIGHTS IN TECHNICAL DATA

- a. The Authority shall have the right to use, duplicate or disclose technical data, which includes computer software, in whole or in part, in any manner and for any purpose whatsoever, and to have or permit others to do so:
 - (1) Any manuals, instructional materials prepared for installation, operation, maintenance or training purposes;
 - (2) Technical data pertaining to end items, components or processes which were prepared for the purpose of identifying sources, size, configuration, mating and attachment characteristics, functional characteristics and performance requirements ("form, fit and function" data; e.g., specification control drawings, catalog sheets, outline drawing; except that for computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formulae, and flow charts of the software);
 - (3) Other technical data which has been, or is normally furnished without restriction by the Contractor or subcontractor;
 - (4) Other specifically described technical data which the parties have agreed will be furnished without restriction.
- b. The Authority shall have the right to use, duplicate, or disclose technical data other than that defined in paragraph a. in whole or in part, with the express limitation that such technical data shall not, without the written permission of the party furnishing such technical data, be
 - (1) released or disclosed in whole or in part outside the Authority,
 - (2) used in whole or in part by the Authority for manufacture, or
 - (3) used by a party other than the Authority except for emergency repair or overhaul work only, by or for the Authority where the item or process concerned is not otherwise reasonably available to enable timely performance of the work; provided, that the release or disclosure thereof outside the Authority shall be made subject to a prohibition against further use, release or disclosure.
- c. Technical data provided in accordance with the provisions of paragraph b. shall be identified by a legend which suitably recites the aforesaid limitation. Nothing herein shall impair the right of the Authority to use similar or identical data acquired from other sources.
- d. The term technical data as used in this article means technical writing, computer software, sound recordings, pictorial reproductions, drawings, or other graphic representations and works of a technical nature, whether or not copyrighted, which are

specified to be delivered pursuant to this Contract. The term does not include financial reports, cost analyses, and other information incidental to Contract administration. Computer software as used in this article means computer programs, computer data bases, and documentation thereof.

e. Material covered by copyright:

- (1) The Contractor agrees to and does hereby grant to the Authority, and to its officers, agents and employees acting within the scope of their official duties, a royalty-free, nonexclusive and irrevocable license throughout the world for Authority purposes to publish, translate, reproduce, deliver, perform, dispose of, and to authorize others so to do, all technical data now or hereafter covered by copyright.
- (2) No such copyrighted matter shall be included in technical data furnished hereunder without the written permission of the copyright owner for the Authority to use such copyrighted matter in the manner above described.
- (3) The Contractor shall report to the Authority (or higher-tier contractor) promptly and in reasonable written detail each notice or claim of copyright infringement received by the Contractor with respect to any technical data delivered hereunder.

f. Relation to patents: Nothing contained in this article shall imply a license to the Authority under any patent, or be construed as affecting the scope of any license or other right otherwise granted to the Authority under any patent.

g. Any dispute under this article shall be subject to the Disputes article of this contract.

h. Notwithstanding any other payment provision in this contract, the Contracting Officer may retain from payment up to 10 percent of the contract price until final delivery and acceptance of the technical data defined in this article and as required to be furnished by the contract specification.

37. ROYALTY INFORMATION

a. When the response to this solicitation contains costs or charges for royalties totaling more than \$250, the following information shall be furnished with the offer, proposal, or quotation on each separate item of royalty or license fee:

- (1) Name and address of licensor;
- (2) Date of license agreement;
- (3) Patent numbers, patent application serial numbers or other basis on which the royalty is payable;
- (4) Brief description, including any part or model numbers of each contract item or component on which the royalty is payable;
- (5) Percentage or dollar rate of royalty per unit;
- (6) Unit price or Contract item;

- (7) Number of units; and
 - (8) Total dollar amount of royalties.
- b. In addition, if specifically requested by the Contracting Officer prior to execution of the Contract, a copy of the current license agreement and identification of applicable claims of specific patents shall be furnished.

38. SEAT BELT USE POLICY

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

39. SENSITIVE SECURITY INFORMATION

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

40. STOP WORK ORDER

- a. The Contracting Officer may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part of the work called for by this Contract for a period of 90 days after the order is delivered to the Contractor, and for any further period to which the parties may agree. Any such order shall be specifically identified as a STOP WORK ORDER issued pursuant to this article. Upon receipt of such an order, the Contractor shall forthwith comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. Within a period of 90 days after a stop work order is delivered to the Contractor, or within any extension of that period to which the parties shall have agreed, the Contracting Officer shall either:
- (1) Cancel the stop work order, or
 - (2) Terminate the work covered by such order as provided in the TERMINATION FOR CONVENIENCE article of this Contract.
- b. If a stop work order issued under this article is cancelled or the period of the order or any extension thereof expires, the Contractor shall resume work. An equitable adjustment shall be made in the delivery schedule or Contract price, or both, and the Contract modified in writing accordingly, if:
- (1) The stop work order results in an increase in the time required for, or in the Contractor's cost properly allocable to, the performance of any part of this Contract, and
 - (2) The Contractor asserts a claim for such adjustment within 30 days after the end of the period of work stoppage; provided that, if the Contracting Officer

decides the facts justify such action, he may receive and act upon any such claim asserted at any time prior to final payment under this Contract.

- c. If a stop work order is not cancelled and the work covered by such order is terminated for the convenience of the Authority, the reasonable costs resulting from the stop work order shall be allowed in arriving at the termination settlement.

41. SUBCONTRACT PAYMENTS

- a. The Contractor shall, under this contract, establish procedures to ensure timely payment of amounts due pursuant to the terms of their subcontracts. The Contractor shall pay each subcontractor for satisfactory performance of its contract, no later than ten (10) days from the date of the Contractor's receipt of payment from the Authority for work by that subcontractor. The Contractor shall also release, within ten (10) days of satisfactory completion of all work required by the subcontractor, any retention withheld from the subcontractor.
- b. The Contractor shall certify on each payment request to the Authority that payment has been or will be made to all subcontractors in accordance with paragraph a above. The Contractor shall notify the contracting officer or other delegated authority representative with each payment request, of any situation in which scheduled subcontractor payments have not been made.
- c. If a subcontractor alleges that the Contractor has failed to comply with this provision, the Contractor agrees to support any Authority investigation, and, if deemed appropriate by the Authority, to consent to remedial measures to ensure subcontractor payment that is due.
- d. The Contractor agrees that the Authority may provide appropriate information to interested subcontractors who want to determine the status of Authority payments to the Contractor.
- e. Nothing in this provision is intended to create a contractual obligation between the Authority and any subcontractor or to alter or affect traditional concepts of privity of contract between all parties.

42. SUBCONTRACTOR COST AND PRICING DATA-PRICE ADJUSTMENTS

- a. Paragraphs b. and c. of this article shall become operative only with respect to any change or other modification made pursuant to one or more provisions of this Contract which involves a price adjustment in excess of \$100,000. The requirements of this article shall be limited to such price adjustments.
- b. The Contractor shall require subcontractors hereunder to submit cost or pricing data under the following circumstances:
 - (1) prior to award of any cost-reimbursement type, incentive, or price re-determinable subcontract;
 - (2) prior to the award of any subcontract the price of which is expected to exceed \$100,000;

- (3) prior to the pricing of any subcontract change or other modification for which the price adjustment is expected to exceed \$100,000; except in the case of (2) or (3) where the price is based on adequate price competition, established catalog or market prices of commercial items sold in substantial quantities to the general public, or prices set by law or regulation.
- c. The Contractor shall require subcontractors to certify that to the best of their knowledge and belief the cost and pricing data submitted under paragraph b. above is accurate, complete, and current as of the date of execution, which date shall be as close as possible to the date of agreement on the negotiated price of the Contract modification.
- d. The Contractor shall insert the substance of this clause including this paragraph d. in each subcontract which exceeds \$100,000.

43. TERMINATION

- a. The performance of work under this Contract may be terminated by the Authority in accordance with this article in whole, or from time to time in part, whenever the Contracting Officer shall determine that such termination is in the best interest of the Authority. Any such termination shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of work under the contract is terminated, and the date upon which such termination becomes effective.
- b. After receipt of a Notice of Termination, and except as otherwise directed by the Contracting Officer, the Contractor shall:
 - (1) Stop work under the Contract on the date and to the extent specified in the Notice of Termination;
 - (2) Place no further orders or subcontracts for materials, services, or facilities, except as may be necessary for completion of such portion of the work under the Contract which is not terminated;
 - (3) Terminate all orders and subcontracts to the extent that they relate to the performance of work terminated by the Notice of Termination.
 - (4) Assign to the Authority, in the manner, at the time, and to the extent directed by the Contracting Officer, all of the rights, title, and interests of the Contractor under the orders and subcontracts so terminated, in which case the Authority shall have the right, in its discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts;
 - (5) Settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the Contracting Officer, to the extent he may require, which approval or ratification shall be final for all the purposes of this article;
 - (6) Transfer title to the Authority and deliver in the manner, at the times, and to the extent, if any, directed by the Contracting Officer:
 - (a) the fabricated or unfabricated parts, work in process, completed work, supplies, and other material produced as a part of, or acquired in

connection with the performance of the work terminated by the Notice of Termination, and

- (b) the completed or partially completed plans, drawings, information and other property which, if the Contract had been completed, would have been required to be furnished to the Authority;
 - (7) Use his best efforts to sell, in the manner, at the times, to the extent, and at the price or prices directed or authorized by the Contracting Officer, any property of the type referred to in paragraph 6. above; provided, however, that the Contractor
 - (a) shall not be required to extend credit to any purchaser, and
 - (b) may acquire any such property under the conditions prescribed by and at a price or prices approved by the Contracting Officer. And, provided further, that the proceeds of any such transfer or disposition shall be applied in reduction of any payments to be made by the Authority to the Contractor under this Contract or shall otherwise be credited to the price or cost of the work covered by the Contractor or paid in such other manner as the Contracting Officer may direct;
 - (8) Complete performance of such part of the work as shall not have been terminated by the Notice of Termination; and
 - (9) Take such action as may be necessary, or as the Contracting Officer may direct, for the protection and preservation of the property related to this Contract which is in the possession of the Contractor and in which the Authority has or may acquire an interest.
- c. At any time after expiration of the plant clearance period, as defined in Subpart 45.6 of the Federal Acquisition Regulations (48 CFR 45.6), as the definition may be amended from time to time, the Contractor may submit to the Contracting Officer a list, certified as to quantity and quality, of any or all items of termination inventory not previously disposed of, exclusive of items the disposition of which has been directed or authorized by the Contracting Officer, and may request the Authority to remove such items or enter into a storage agreement covering them. Not later than 15 days thereafter, the Authority will accept title to such items and remove them or enter into a storage agreement covering the same. Provided, that the list submitted shall be subject to verification by the Contracting Officer upon removal of the items or, if the items are stored, within 45 days from the date of submittal of the list and any necessary adjustment to correct the list as submitted shall be made prior to final settlement.
- d. After receipt of a Notice of Termination, the Contractor shall submit to the Contracting Officer his termination claim, in the form and with certification prescribed by the Contracting Officer. Such claims shall be submitted promptly but in no event later than one year from the effective date of termination, unless one or more extensions in writing are granted by the Contracting Officer upon request of the Contractor made in writing within such one-year period or authorized extension thereof. However, if the Contracting Officer determines that the facts justify such action, he may receive and act upon any such termination claim at any time after such one-year period or any extension thereof. Upon failure of the Contractor to submit his termination claim within the time allowed, the Contracting Officer may, subject to any review required by the contracting agency's

procedures in effect as of the date of execution of this Contract, determine, on the basis of information available to him, the amount, if any, due the Contractor by reason of the termination and shall thereupon pay to the Contractor the amount so determined.

- e. Subject to the provisions of paragraph d., and subject to any review required by the contracting agency's procedures in effect as of the date of execution of this Contract, the Contractor and the Contracting Officer may agree upon the whole or any part of the amount or amounts to be paid to the Contractor by reason of the total or partial termination of work pursuant to this article, which amount or amounts may include a reasonable allowance for profit on work done. Provided, that such agreed amount or amounts, exclusive of settlement costs, shall not exceed the total Contract price as reduced by the amount of payments otherwise made and as further reduced by the Contract price of work not terminated. The Contract shall be amended accordingly, and the Contractor shall be paid the agreed amount. Nothing in paragraph f. of this article, prescribing the amount to be paid to the Contractor in the event of failure of the Contractor and the Contracting Officer to agree upon the whole amount to be paid to the Contractor by reason of the termination of work pursuant to this article, shall be deemed to limit, restrict, or otherwise determine or affect the amount or amounts which may be agreed upon to be paid to the Contractor pursuant to this paragraph e.
- f. In the event of the failure of the Contractor and the Contracting Officer to agree as provided in paragraph e. upon the whole amount to be paid the Contractor by reason of the termination of work pursuant to this article, the Contracting Officer shall, subject to any review required by the contracting agency's procedures in effect as of the date of execution of this Contract, determine, on the basis of information available to him, the amount if any, due the Contractor by reason of the termination and shall pay to the Contractor the amounts determined as follows:
 - (1) For completed supplies accepted by the Authority [or sold or acquired as provided in paragraph b. (7) above] and not theretofore paid for a sum equivalent to the aggregate price for such supplies computed in accordance with the price or prices specified in the Contract, appropriately adjusted for any saving of freight or other charges;
 - (2) The total of:
 - (a) The costs incurred in the performance of the work terminated, including initial costs and preparatory expense allocable thereto, but exclusive of any costs attributable to supplies paid or to be paid for under paragraph f. (1) hereof;
 - (b) The cost of settling and paying claims arising out of the termination of work under subcontracts or orders, as provided in paragraph b. (5) above, which are properly chargeable to the terminated portion of the contract (exclusive of amounts paid or payable on account of supplies or materials delivered or services furnished by subcontractors or vendors prior to the effective date of the Notice of Termination, which amounts shall be included in the costs payable under (a) above; and
 - (c) A sum, as profit on (a), above, determined by the Contracting Officer pursuant to Section 49.202 of the Federal Acquisition Regulations (48 CFR 49.202), in effect as of the date of execution of this contract, to be fair and reasonable. Provided, however, that if it appears that the

Contractor would have sustained a loss on the entire Contract had it been completed, no profit shall be included or allowed under this subparagraph (d) and an appropriate adjustment shall be made reducing the amount of the settlement to reflect the indicated rate of loss; and

- (3) The reasonable costs of settlement, including accounting, legal, clerical, and other expenses reasonably necessary for the preparation of settlement claims and supporting data with respect to the terminated portion of the Contract and for the termination and settlement of subcontracts thereunder, together with reasonable storage, transportation, and other costs incurred in connection with the protection or disposition of property allocable to this Contract.
 - (4) The total sum to be paid to the Contractor under (1) and (2) of this paragraph f. shall not exceed the total Contract price as reduced by the amount of payments otherwise made and as further reduced by the Contract price of work not terminated. Except for normal spoilage, and except to the extent that the Authority shall have otherwise expressly assumed the risk of loss, there shall be excluded from the amounts payable to the Contractor as provided in f. (1) and (2) (a) above, the fair value, as determined by the Contracting Officer, of property which is destroyed, lost, stolen, or damaged so as to become undeliverable to the Authority, or to a buyer pursuant to paragraph b. (7).
- g. Costs claimed, agreed to, or determined pursuant to paragraphs d., e. and f. of this article shall be in accordance with the applicable contract cost principles and procedures in Subpart 31.1 of the Federal Acquisition Regulations (48 CFR 31.1) in effect on the date of this Contract.
- h. The Contractor shall have the right to appeal, under the DISPUTES article of this Contract from any determination made by the Contracting Officer under paragraph d. or f. above, except that, if the Contractor has failed to submit his claim within the time provided in paragraph d. above and has failed to request extension of such time, he shall have no such right of appeal. In any case where the Contracting Officer has made a determination of the amount due under paragraph d. or f. above, the Authority shall pay to the Contractor the following:
- (1) if there is on right of appeal hereunder or if no timely appeal has been taken, the amount so determined by the Contracting Officer; or
 - (2) if an appeal has been taken, the amount finally determined on such appeal.
- i. In arriving at the amount due the Contractor under this article there shall be deducted
- (1) all unliquidated advance or other payments on account theretofore made to the Contractor, applicable to the terminated portion of this Contract;
 - (2) any claim which the Authority may have against the Contractor in connection with this Contract; and

- (3) the agreed price for, or the proceeds of sale of, any materials, supplies, or other things acquired by the Contractor or sold, pursuant to the provisions of this article, and not otherwise recovered by or credited to the Authority.
- j. If the termination hereunder be partial, prior to the settlement of the terminated portion of this Contract, the Contractor may file with the Contracting Officer a request in writing for an equitable adjustment of the price or prices specified in the Contract relating to the continued portion of the Contract (the portion not terminated by the Notice of Termination), and such equitable adjustment as may be agreed upon shall be made in such price or prices.
- k. The Authority may from time to time, under such terms and conditions as it may prescribe, make partial payments and payments on account against costs incurred by the Contractor in connection with the terminated portion of this Contract whenever in the opinion of the Contracting Officer the aggregate of such payments shall be within the amount to which the Contractor will be entitled hereunder. If the total of such payments is in excess of the amount finally agreed or determined to be due under this article, such excess shall be payable by the Contractor to the Authority upon demand, together with interest computed at the rate of six percent per annum for the period from the date such excess payment is received by the Contractor to the date on which such excess is repaid to the Authority; provided, however, that no interest shall be charged with respect to any such excess payment attributable to a reduction in the Contractor's claim by reason of retention or other disposition of termination inventory until 10 days after the date of such retention or disposition, or such later date as determined by the Contracting Officer by reasons of the circumstances.
- l. Unless otherwise provided for in this Contract, or by applicable statute, the Contractor, from the effective date of termination and for a period of three years after final settlement under this Contract, shall preserve and make available to the Authority at all reasonable times at the office of the Contractor but without direct charge to the Authority, all his books, records, documents, and other evidence bearing on the costs and expenses of the Contractor under this Contract and relating to the work terminated hereunder, or, to the extent approved by the Contracting Officer, photographs, micro photographs, or other authentic reproductions thereof.

44. TITLE AND RISK OF LOSS

- a. Unless this Contract specifically provides for earlier passage of title, title to supplies covered by this Contract shall pass to the Authority upon formal acceptance, regardless of when or where the Authority takes physical possession.
- b. b. (1) Unless this Contract specifically provides otherwise, risk of loss of or damage to supplies covered by this Contract shall remain with the Contractor until, and shall pass to the Authority upon:
- (a) Delivery of the supplies to a carrier, if transportation is FOB origin;
 - (b) Acceptance by the Authority or delivery of possession of the supplies to the Authority at the destination specified in this Contract, whichever is later, if transportation is FOB destination.
- (2) Notwithstanding b. (1) above, the risk of loss of or damage to supplies which so fail to conform to the Contract as to give a right of rejection shall

remain with the Contractor until cure or acceptance, at which time (1) above shall apply.

- b. Notwithstanding b. above, the Contractor shall not be liable for loss of or damage to supplies caused by the negligence of officers, agents, or employees of the Authority acting within the scope of their employment.

45. VARIATION IN QUANTITY

- a. No variation in the quantity of any item called for by this Contract will be accepted unless such variation has been caused by conditions of loading, shipping, or packing, or allowances in manufacturing processes, and then only to the extent, if any, specified elsewhere in this Contract.

46. WALSH-HEALEY PUBLIC CONTRACTS ACT

- a. If this Contract is for the manufacture or furnishing of materials, supplies, articles, or equipment in an amount which exceeds or may exceed \$10,000 and is subject to the Walsh-Healey Public Contracts Act, as amended (41 U.S.C. 35-45), the following terms and conditions apply:
 - (a) All stipulations required by the Act and regulations issued by the Secretary of Labor (41 CFR Chapter 50) are incorporated by reference. These stipulations are subject to all applicable rulings and interpretations of the Secretary of Labor that are now, or may be hereafter, be in effect.
 - (b) All employees whose work relates to this contract shall be paid not less than the minimum wage prescribed by regulations issued by the Secretary of Labor (41 CFR 50-202.2). Learners, student learners, apprentices, and handicapped worker may be employed at less than the prescribed minimum wage (see 41 CFR 50-202.3) to the same extent that such employment is permitted under Section 14 of the Fair Labor Standards Act (41 U.S.C. 40).

b. SUPPLEMENTAL PROVISIONS REQUIRED IN FEDERALLY FUNDED CONTRACTS

47. ACCESS TO THIRD PARTY CONTRACT RECORDS

- a. The Contractor agrees to provide the Authority, the FTA Administrator, the Comptroller General of the United States or any of their authorized representatives access to any books, documents, papers and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, examinations, excerpts and transcriptions. The Contractor also agrees, pursuant to 49 CFR. 633.17 to provide the FTA Administrator or his authorized representatives including any PMO Contractor access to Contractor's records and construction sites pertaining to a major capital project, defined at 49 U. S. C. 5302(a)1, which is receiving federal financial assistance through the programs described at 49 U. S. C. 5307, 5309 or 5311.
- b. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

- c. The Contractor agrees to maintain all books, records, accounts and reports required under this contract for a period of not less than three years after the date of termination or expiration of this contract, except in the event of litigation or settlement of claims arising from the performance of this contract, in which case the Contractor agrees to maintain same until the Authority, the FTA Administrator, the Comptroller General, or any of their duly authorized representatives, have disposed of all such litigation, appeals, claims or exceptions related thereto. Reference 49 CFR 18.39(i)(11).

48. BUY AMERICA

- a. The contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 C.F.R. 661.7, and include final assembly in the United States for 15 passenger vans and 15 passenger wagons produced by Chrysler Corporation, and microcomputer equipment and software. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11. Rolling stock must be assembled in the United States and have a 60 percent domestic content.

49. CARGO PREFERENCE

The Contractor agrees:

- a. To utilize privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, materials, or commodities pursuant to this Contract to the extent such vessels are available at fair and reasonable rates for United States-Flag commercial vessels.
- b. To furnish within 20 working days following the date of loading for shipments originating within the United States, or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in paragraph (a) above to WMATA (through the Contractor in the case of a subcontractor's bills-of-lading) and to the Office of Cargo Preference, Maritime Administration (MAR-590), 400 Seventh Street SW, Washington, DC 20590.
- c. To include these requirements in all subcontracts issued pursuant to this Contract when the subcontract may involve the transport of equipment, material, or commodities by ocean liner.

50. CLEAN AIR

- a. The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U. S. C. §§ 7401 et seq. The Contractor agrees to report each violation to the Authority and understands and agrees that the Authority will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office.
- b. The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

51. CLEAN WATER

- a. The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U. S. C. 1251 et seq. The Contractor agrees to report each violation to the Authority and understands and agrees that the Authority will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.
- b. The Contractor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

52. CONTRACTS INVOLVING FEDERAL PRIVACY ACT REQUIREMENTS

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

53. ENERGY CONSERVATION

- a. The Contractor agrees to comply with mandatory standards and policies relating to the energy efficiency which are contained in the applicable state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.
- b. The Contractor agrees to include the requirements of this clause in all subcontracts under this contract.

54. CHANGES TO FEDERAL REQUIREMENTS

- a. Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Agreement (Form FTA MA (14) dated October 1, 2007) between the Authority and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a materiel breach of this contract.
- b. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal Assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

55. FLY AMERICA

- b. The Contractor agrees to comply with 49 U. S. C. 40118 (the "Fly America" Act) in accordance with the General Services Administration's regulations at 41 CFR Part 301-10, which provide that recipients and subrecipients of Federal funds and their contractors are required to use U. S. Flag carriers for U. S. Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. The Contractor shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U. S. flag carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. The Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

56. DEBARMENT OR SUSPENSION

- a. The Contractor is bound by its certification contained in its offer to the Authority that neither the Contractor, its principals, or affiliates, are excluded or disqualified, as defined at 49 C.F.R. 29.940 and 29.945. The certification is a material representation of fact, relied upon by the Authority in entering into this Contract. If it is later determined that the Contractor knowingly rendered an erroneous certification, in addition to remedies available to the Authority, the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. The Contractor agrees to comply with the requirements of 49 C.F.R. 29, Subpart C, throughout the term of this Contract.
- b. The Contractor agrees to include this requirement in all subcontracts at all tiers under this Contract.

57. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

- a. The preceding provisions include, in part, certain Standard Terms and Conditions required by the U.S. Department of Transportation (DOT), whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F or any revisions thereto, are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all DOT or FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any Authority requests which would cause the Authority to be in violation of the FTA terms and conditions.
- b. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to the provisions.

58. LOBBYING

- a. The Contractor is bound by its certification contained in its offer to the Authority regarding the use of federal or non-federal funds to influence, or attempt to influence any Federal officer or employee regarding the award, execution, continuation, or any similar action of any Federal grant or other activities as defined in 31 U.S.C. 1352, 49 CFR Part 19, or 49 C.F.R. Part 20. The Contractor agrees to comply with this requirement throughout the term of the Contract.

- b. The Contractor agrees to include these requirements in all subcontracts at all tiers under this Contract.

59. NO FEDERAL GOVERNMENT OBLIGATIONS TO THIRD PARTIES

- a. The Authority and the Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of this contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the Authority, Contractor or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.
- b. The Contractor agrees to include this clause in each subcontract financed in whole or in part with Federal Assistance provided by FTA. It is further agreed that the clause shall not be modified, except to identify the subcontractor who will be subject to its provisions.

60. FALSE STATEMENTS OR CLAIMS CIVIL AND CRIMINAL FRAUD

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

61. RECOVERED MATERIALS

- a. The Contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA) as amended (42 U. S. C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

- b. The Contractor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA.

62. RIGHTS IN DATA AND COPYRIGHTING - FTA

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

- resulting from any willful or intentional violation by the contractor of proprietary rights, copyrights, or right of privacy, arising out of the publication, translation, reproduction, delivery, use, or disposition of any data furnished under this Contract. The Contractor shall not be required to indemnify WMATA and the Government for any such liability arising out of the wrongful acts of employees or agents of WMATA and the Government.
- e. Nothing contained in this section on rights in data shall imply a license to WMATA or the Government under any patent or be construed as affecting the scope of any license or other right otherwise granted to WMATA or the Government under any patent.
 - f. The requirements of subsections b. and c., do not apply to material furnished by the Authority to the Contractor and incorporated in the work carried out under the contract provided that the Contractor identifies the incorporated material at the time of delivery of the work.
 - g. Any dispute under this clause shall be subject to the Disputes clause of this contract.
 - h. Notwithstanding any other payment provision in this contract, the Contracting Officer may retain from payment up to 10 percent (10 %) of the contract price until final delivery and acceptance of the subject data defined in this clause and as required to be furnished by the contract specification.

PART II – SECTION 2 – SPECIAL PROVISIONS

1. PERIOD OF PERFORMANCE / ORDERING PERIOD

- a. The period of performance / ordering period is three (3) years commencing on the date of award, with two (2) 12 month option periods.
- b. Any services to be furnished under this contract shall be ordered by issuance of task orders by the individuals or activities designated in the Schedule. Such orders may be issued during the ordering period.
- c. Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Authority's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period.

2. OPTION PERIODS

- a. The Authority has the unilateral right to extend the contract by exercising the option or options (as applicable) subject to all terms and conditions herein.
- b. The Authority may exercise the option(s) (if any) by written notice to the Contractor prior to commencement of the option period; provided, that the Authority shall give the contractor a preliminary notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Authority to an extension.
- c. The Authority may extend the term of this contract by written notice to the Contractor within 15 days provided that the Authority gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Authority to an extension.
- d. If the Authority exercises this option, the extended contract shall be considered to include this option clause.

3. CONTINUITY OF SERVICES

- a. The Contractor recognizes that the services under this contract are vital to the Authority and may be required to continue without interruption and that, upon contract expiration, a successor, either the Authority or another contractor, may continue them.
- b. The Contractor agrees to –
 - 1. Furnish phase-in training; and
 - 2. Exercise its best efforts and cooperation to effect an orderly and efficient transition to a successor.
- c. The Contractor shall, upon the Contracting Officer's written notice,
 - 3. furnish phase-in, phase-out services for up to 90 days after this contract expires and
 - 4. negotiate in good faith a plan with a successor to determine the nature and extent of phase-in, phase-out services required.

The plan shall specify a training program and a date for transferring responsibilities for each division of work described in the plan, and shall be subject to the Contracting Officer's approval. The Contractor shall provide sufficient experienced personnel during the phase-in, phase-out period to ensure that the services called for by this contract are maintained at the required level of proficiency.

- d. The Contractor shall allow as many personnel as practicable to remain on the job to help the successor maintain the continuity and consistency of the services required by this contract. The Contractor also shall disclose necessary personnel records and allow the successor to conduct on-site interviews with these employees. If selected employees are agreeable to the change, the Contractor shall release them at a mutually agreeable date and negotiate transfer of their earned fringe benefits to the successor.
- e. The Contractor shall be reimbursed for all reasonable phase-in, phase-out costs (i.e., costs incurred within the agreed period after contract expiration that result from phase-in, phase-out operations) and a fee (profit) not to exceed a pro rata portion of the fee (profit) under this contract.

4. BILLING RATES

a. Direct Salary Rates

- 1. The negotiated and awarded Not-to-Exceed (NTE) direct salary rates for the listed labor categories of professional or technical personnel are fixed for each year of the contract, starting on the date of award, and continuing through the end of the contract.
- 2. The contractor may propose for less than the NTE rate for personnel on individual task orders, but may not exceed the rate for the current option period.

b. Overhead

- 1. Field and home overhead rate percentages shall be negotiated annually and take effect on the award date, based on an approved audit of the prior fiscal year. The field and home overhead rate percentages will be incorporated into the contract annually via a bilateral modification.

c. Profit

- 1. Profit percentages shall be negotiated at the time of award for two (2) categories of task orders: Design and Support tasks.

5. ORDERING PROCEDURE

This contract provides for the issuance of Task Orders on a negotiated basis as follows:

a. General

Only the Contracting Officer may issue Task Orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the Statement of Work. Unless specifically authorized by the Contracting Officer, the Contractor shall not commence work until a fully executed Task Order has

been awarded. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this ARTICLE.

No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

- b. Requesting Task Order Proposals
- c. The Contracting Officer or a designated official may solicit responses to requirements from Contractors within a technical area covered by a task order requirement in writing. A Task Order Request for Proposals (TORFP) will be prepared and issued for each task order requirement. Generally, the TORFP will include, but is not limited to, the following:
 - 1) Statement of Work;
 - 2) Reporting Requirements and Deliverables (if applicable);
 - 3) Proposal Due Date and how to deliver Proposals;
 - 4) Period of Performance/Duration of Task Order; and
 - 5) Assignment of DBE goals at Task Order Level for federally funded projects only
- d. All contract clauses contained this contract shall be incorporated in the TORFP and the resultant task order. If conflicts exist between the contract clauses and the information outlined in the task order, the contract language takes precedence over the information in the task order. Contractors are not required to propose on all TORFPs.

6. **BILLING AND PAYMENT**

- a. WMATA will accept the submittal of invoices in one of the following methods:
 - 1) Email: Invoices may be submitted through email at: apinvoice@wmata.com. Please submit one invoice and supporting documentation per PDF attachment. You may submit more than one PDF attachment per email.
 - 2) Fax: Invoices may be submitted via the following number: [1-866-534-9063](tel:1-866-534-9063). Please submit one invoice and all supporting documentation for this invoice per fax.
 - 3) Regular Mail: Invoices may be submitted via U.S. Postal Service to the following address:

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

This address is only for vendor invoices. Correspondence should not be sent to this address.

- b. Invoice Requirements:
 - 1) Invoices shall contain the vendor name, a unique invoice number for each shipment or service, invoice date, payment terms, total invoice amount, remit to address, Purchase Order Number, freight terms,

description of each item being invoiced, quantity, unit item cost, extended cost by item, total freight/handling costs, and contact name and email address. Final invoices must clearly be marked "FINAL" and cite the amount of the contract, amount previously paid, and the balance due.

7. F.O.B. DESTINATION

a. The term "f.o.b. destination," as used in this clause, means:

1. Free of expense to WMATA on board the carrier's conveyance, at a specified delivery point where the consignee's facility (plant, warehouse, store, lot, or other location to which shipment can be made) is located; and

2. Supplies shall be delivered to the destination consignee's warehouse unloading platform, or receiving dock, at the expense of the Contractor. WMATA shall not be liable for any delivery, storage, demurrage, accessorial, or other charges involved before the actual delivery (or "constructive placement" as defined in carrier tariffs) of the supplies to the destination, unless such charges are caused by an act or order of WMATA acting in its contractual capacity. If the Contractor uses rail carrier or freight forwarder for less than carload shipments, the Contractor shall assure that the carrier will furnish tailgate delivery if transfer to truck is required to complete delivery to consignee.

8. The Contractor shall:

1. Pack and mark the shipment to comply with contract specification;

2. In the absence of specifications, prepare the shipment in conformance with carrier requirements;

3. Prepare and distribute commercial bills of lading;

4. Deliver the shipment in good order and condition to the point of delivery specified in the contract;

5. Be responsible for any loss of and/or damage to the goods occurring before receipt of the shipment by the consignee at the delivery point specified in the contract;

6. Furnish a delivery schedule and designate the mode of delivering carrier; and

7. Pay and bear all charges to the specified point of delivery.

9. CONTRACTOR PERSONNEL

a. The Contractor shall replace employees who the Authority judges to be incompetent, careless, unsuitable or otherwise objectionable, or whose continued use is deemed contrary to the best interests of the program. The reason for replacement will be discussed between the Contractor and the Authority before a replacement request is issued. Upon receipt of a written request from the Authority, the Contractor shall proceed with the replacement unless the Contractor is able to demonstrate that the Authority's request is unreasonable. The replacement request will include the desired replacement date and the reason for the request. The Contractor shall effect the replacement in a manner that does not impact quality, cost or schedule.

b. Contractor personnel required to work on WMATA property must obtain a WMATA vendors badge and successfully complete the mandatory safety training which must be renewed yearly. To obtain a vendors badge a signed waiver to perform a background check will be required.

10. MOST FAVORED CUSTOMER

a. The Contractor shall voluntarily provide the Authority with the benefits of any more favorable terms it has, or negotiates, with any organization or facility whose circumstances and operations are substantially the same as those of the Authority.

11. CONDITIONS AFFECTING THE WORK

a. The Contractor shall be responsible for having taken steps reasonably necessary to ascertain the nature and extent of the work, and the general and local conditions which can affect the work or the cost thereof. Any failure by the Contractor to do so will not relieve the Contractor from responsibility for successfully performing work without additional expense to the Authority. The Authority assumes no responsibility for any understanding or representations concerning conditions made by any of its officers or agents prior to the execution of this Contract, unless such understanding or representations are expressly stated in the Contract.

12. WARRANTY

a. Definitions. "Acceptance" as used in this clause, means the act of an authorized representative of the Authority by which the Authority assumes for itself, or an agent of another, ownership of existing and identified supplies, or approves specific services, as partial or complete performance of the contract. "Correction" as used in this clause, means the elimination of a defect.

b. Notwithstanding inspection and acceptance by the Authority or any provision concerning the conclusiveness thereof, the Contractor warrants that all services performed under this contract will, at time of acceptance be free from defects in workmanship and conform to the requirements of this contract. The Contracting Officer shall give written notice of any defect or nonconformance to the Contractor within 90 days from the date of acceptance by the Authority. This notice shall state either: (1) that the Contractor shall correct or re-perform any defective or nonconforming services; or (2) that the Authority does not require correction or re-performance.

c. If the Authority does not require correction or re-performance, the Contracting Officer shall make an equitable adjustment in the contract price.

13. INDEMNITY

a. Contractor shall indemnify, defend and hold harmless the Authority, its directors, officers, employees and agents, from all liabilities, obligations, damages, penalties, claims, costs, charges and expenses (including reasonable attorney's fees), of whatsoever kind and nature for injury, including personal injury or death of any person or persons, and for loss or damage to any property, including the property of the Contractor and the Authority, occurring in connection with, or in any way arising out of the use, occupancy and performance of the work and/or any acts in connection with activities to be performed under this contract, unless the loss or damage is due to the sole negligence of the Authority. Nothing in the preceding sentence shall be deemed to relieve Contractor from ultimate liability for any obligation of Contractor under this Contract.

b. Contractor shall indemnify, defend and hold harmless the Authority its directors, officers, employees and agents against any and all claims, liabilities, losses, demands, damages, penalties,

costs, charges, remedial costs, environmental claims, fees or other expenses including attorneys fees, related to, arising from or attributable to any effluent or other hazardous waste, residue, contaminated soil or other similar material discharged from, removed from, or introduced on, about or under the job site, unless the loss or damage is due to the sole negligence of the Authority.

c. If any action or proceeding relating to the indemnification required is brought against the Authority, then upon written notice from the Authority to the Contractor, the Contractor shall, at the Contractor's expense, resist or defend such action or proceeding by counsel approved by the Authority in writing, such approval not to be unreasonably withheld, but no approval of counsel shall be required where the cause of action is resisted or defended by counsel of any insurance carrier obligated to resist or defend the same. The Authority reserves the right to use its own counsel under this indemnity at Contractor's sole cost and expense.

d. Contractor understands and agrees that it is Contractor's responsibility to provide indemnification to the Authority pursuant to this Section. The provision of insurance, while anticipated to provide a funding source for this indemnification, is in addition to any indemnification requirements and the failure of Contractor's insurance to fully fund any indemnification shall not relieve the Contractor of any obligation assumed under this indemnification.

14. GENERAL INSURANCE REQUIREMENTS

Indemnification

1. Contractor shall indemnify, defend and hold harmless the Authority, its directors, officers, employees and agents, from all liabilities, obligations, damages, penalties, claims, costs, charges and expenses (including reasonable attorney's fees), of whatsoever kind and nature for injury, including personal injury or death of any person or persons, and for loss or damage to any property, including the property of the Contractor and the Authority, occurring in connection with, or in any way arising out of the use, occupancy and performance of the work and/or any acts in connection with activities to be performed under this contract, unless the loss or damage is due to the sole negligence of the Authority. Nothing in the preceding sentence shall be deemed to relieve Contractor from ultimate liability for any obligation of Contractor under this Contract.
2. If any action or proceeding relating to the indemnification required is brought against the Authority, then upon written notice from the Authority to the Contractor, the Contractor shall, at the Contractor's expense, resist or defend such action or proceeding by counsel approved by the Authority in writing, such approval not to be unreasonably withheld, but no approval of counsel shall be required where the cause of action is resisted or defended by counsel of any insurance carrier obligated to resist or defend the same. The Authority reserves the right to use its own counsel under this indemnity at Contractor's sole cost and expense.

3. Contractor understands and agrees that it is Contractor's responsibility to provide indemnification to the Authority pursuant to this Section. The provision of insurance, while anticipated to provide a funding source for this indemnification, is in addition to any indemnification requirements and the failure of Contractor's insurance to fully fund any indemnification shall not relieve the Contractor of any obligation assumed under this indemnification.

Minimum Insurance Requirements

Article 1. General Insurance Requirements

Contractor shall procure, at its sole cost and expense the insurance outlined in this Section as follows:

- 1) Contractor is required to maintain the insurance coverage(s) outlined in this Section for a period of time commencing the sooner of the execution of this contract, or the start of Work, without interruption. The coverages shall be maintained in force and effect for 3 years after final completion and acceptance of the Work, with the exception of Professional Liability. Professional Liability insurance requirements are outlined in Article 6.
- 2) The insurance coverage and limits of insurance outlined in this Section are minimum coverage and limits. Contractor is encouraged, at its sole cost and expense, to purchase any additional insurance coverages and or limits of insurance that Contractor deems prudent and necessary to manage risk in the completion of this contract.
- 3) Upon written request from WMATA, contractor shall provide copies of any and all policy(s), including all endorsement(s), within 5 business days of such request.
- 4) Insurance Policies must be written on admitted paper, (unless otherwise indicated herein) with an insurance company acceptable to WMATA.
- 5) Unless otherwise noted, "Claims Made" insurance policies are not acceptable.
- 6) Any insurance policy utilizing a Self-Insured Retention (SIR) requires approval from WMATA.
- 7) Contractor is required to incorporate these minimum Insurance Requirements into contract requirements of all Sub-Contractors of every tier.

Article 2. Workers' Compensation and Employer's Liability

Required Minimum Limits of Coverage:

Workers' Compensation	Statutory	
Employers' Liability	\$1,000,000	Each Accident

	\$1,000,000	Disease Policy Limit
	\$1,000,000	Disease Each Employee

Required Minimum Coverage(s):

- 1) Workers' Compensation Statutory Coverage must be provided on an "All States" basis.
- 2) Contractor and Sub-Contractors of any tier performing work within 500 feet of navigable water must have their Workers' Compensation Policy endorsed to provide coverage for both Jones Act Liability and Longshore and Harbor Workers' Compensation Act Liability.

Article 3. Commercial General Liability

Required Minimum Limits of Coverage:

\$5,000,000	Each Occurrence Limit
\$5,000,000	General Aggregate Limit
\$5,000,000	Products and Completed Operations Limit

Required Minimum Coverage(s):

- 1) Commercial General Liability (CGL) coverage form shall be ISO Occurrence Form CG0001 (12/04) or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
- 2) Required minimum limits of coverage may be achieved through a combination of the aforementioned CGL coverage form and umbrella excess liability coverage form(s), provided that the umbrella excess liability coverage form(s) provide the same or broader coverage than the prescribed CGL coverage form.
- 3) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Article 9 of this Section. Commercial General Liability and Umbrella Excess Liability forms must provide defense coverage for additional insureds.
- 4) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the "Waiver of Subrogation" Article 10 of this Section.
- 5) The definition of "Insured Contract" shall be modified to provide coverage for contractual liability for contracts for construction or demolition operations that are within 50 feet of a railroad, and sidetrack agreements.

- 6) Defense Costs (Allocated Loss Adjustment Expense) must be included and in excess of the policy limits for all primary and Umbrella Excess Policies.
- 7) Policy shall be endorsed with ISO endorsement CG 25 03 03 97; “Designated Construction Project(s) General Aggregate Limit”, and designate “Any and all construction projects” as the designated Construction project.
- 8) 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.
- 9) 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.

Article 4. Business Auto Liability

Required Minimum Limits of Coverage:

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

Required Minimum Coverage(s):

- 1) 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.
- 2) Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the “Additional Insured” Article 9 of this Section.
- 3) Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the “Waiver of Subrogation” Article 10 of this Section.
- 4) Business Auto Liability minimum Combined Single Limit requirements may be obtained through the combination of a Primary Business Auto Liability policy and an Umbrella Excess Liability policy provided that the Umbrella Excess Liability policy complies with items 1 through 3 above.

Article 5. Professional Liability Insurance

Professional Liability insurance shall be procured and maintained to cover losses attributable to the acts, errors or omissions of the Contractor in the provision of design services, including, but not limited to stamping, sealing, or certifying blueprints or other construction-related documents. Contractor is required to maintain Professional Liability Insurance as follows:

- 1) Minimum Policy Limits of \$3,000,000 each claim.
- 2) Actual coverage or tail coverage must be purchased and maintained for a period of time equal to the statute of repose.
- 3) Coverage can be written on an “Occurrence” or “Claims Made” Basis.
- 4) Coverage can be written on ‘Non-Admitted” paper.

Article 6. Additional Insured(s)

Contractor and Sub-Contractors 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 Contractor and Sub-Contractors of every tier, with the exceptions of Workers’ Compensation and Professional Liability.

- 1) Coverage provided to any Additional Insured shall be primary and non-contributory to any other insurance available to the Additional Insured.
- 2) Coverage provided to any Additional Insured shall be for claims arising out of both ongoing operations and products and completed operations hazard.
- 3) 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 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.
- 4) Coverage available to the additional insureds is not limited to the minimum limits of coverage outlined in this document.

Article 7. Waiver of Subrogation

Contractor and Sub-Contractors of every tier are required to have all insurance policies purchased by Contractor and Sub-Contractors of every tier, endorsed to waive the insurance company’s rights of recovery against WMATA, its independent contractors and the WMATA Board of Directors.

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

Article 8. Certificate of Insurance (COI)

Contractor 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.

The cert holder box should read:

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

Additionally;

- 1) Satisfactory COI delineating all required insurance coverage requirements under this Section shall be delivered before the execution of this Contract by WMATA.
- 2) COI shall state the RFP# and the name of your WMATA Procurement contact.
- 3) Failure to provide satisfactory evidence of all required insurance may result in Contractor and/or subcontractors of every tier being denied access to work locations, including, but not limited to WMATA properties.
- 4) COI reflect total limits of insurance purchased by Contractor for the types of insurance required under this Contract.
- 5) 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.
- 6) WMATA's receipt of copies of any COI, policy endorsements or policies does not relieve Contractor of the obligation to remain in compliance with the requirements of this Section at all times. Contractor's failure to so comply, and to continuously comply with these insurance requirements shall constitute a material breach of this Contract.
- 7) The ACORD COI shall specifically delineate the following:
 - a. Who is an Additional Insured under the policies delineated in this Section.
 - b. That each additional insured(s) as required under this Section is an additional insured on a primary and non-contributory basis.
 - c. That each additional insured(s) is an additional insured for ongoing operations of the Contractor in addition to the products and completed operations coverage.
 - d. That coverage providing a waiver of subrogation to each Additional Insured is compliant with the Waiver of Subrogation article of this Section.
 - e. That the issuing insurance company will mail written notice of cancellation of any of the required insurance policies to WMATA within 30 days of Cancellation. Use of "will endeavor to" as respects this requirement is not acceptable and must be deleted. Such notice shall be sent to:

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

15. BOND REQUIREMENTS

a. Within 10 calendar days after the prescribed forms are presented for signature to the proposer to whom award is made, a written Contract and Attachments on the forms provided shall be executed and delivered to the Contracting Officer or other delegated Authority Representative, together with a performance bond and payment bond if applicable if the Contract price is \$100,000 or more, each with good and sufficient surety or sureties acceptable to the Authority. Corporations executing the bonds as sureties must be among those appearing on the Treasury Department's list of approved sureties and must be acting within the limitations set forth therein. The penal sums of such bonds shall be as follows:

1) Performance Bond:

1. The penal sum of the performance bond shall equal 100 percent of the Contract price.

2) Payment Bond:

1. When the Contract price is \$1,000,000 or less, the penal sum of the payment bond shall be 50 percent of the Contract price.

2. When the Contract price is in excess of \$1,000,000 but not more than \$5,000,000, the penal sum shall be 40 percent of the Contract price.

3. When the Contract price is more than \$5,000,000, the penal sum shall be \$2,500,000.

b. Failure to furnish: In the event the required bonds are not furnished as specified, the Contracting Officer or other delegated Authority Representative may not issue the Notice To Proceed and no payment will be made to the Contractor until the required bonds are furnished.

16. LAWS AND REGULATIONS

a. Each Offeror shall be responsible to fully inform themselves of the requirements for and to comply with any applicable State of Maryland, Commonwealth of Virginia, District of Columbia, Federal and jurisdictional laws and regulations governing the service to be provided under the contract. Further, each contractor shall be responsible to obtain, at its own cost and expense, any and all licenses/permits required to transact business in any political jurisdictions to be serviced.

17. PRIME CONTRACTOR DBE RESPONSIBILITIES

a. The prime contractor will be responsible for submitting a monthly report of the status of its DBE subcontractors as outlined in Appendix B.

b. Reports shall be submitted monthly to the Authority Representative, who in turn, will forward a copy to the Office of Procurement and Materials, DBE Branch, Jackson Graham Building, 600 Fifth Street NW, Washington DC 20001.

18. FEDERAL/LOCAL/STATE SALES TAX

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

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

b. It has been the practice of the District of Columbia to apply the Authority’s tax exempt status to certain purchases of materials required under Authority construction contracts and acquired by Contractor for physical incorporation into the project work. This has not been the practice in either Maryland or Virginia. The Authority does not represent or warrant that the District of Columbia practice applies to this project or, if it does, that it will continue in effect during the term of this project. It is the responsibility of the Contractor to determine its liability for any and all taxes applicable to this project. Assessment or payment of taxes by the Contractor, including taxes resulting from changes in existing laws or the application thereof or of new or additional taxes, shall not constitute the basis for an increase in the Contract price, except as otherwise allowed under Section 00779, FEDERAL, STATE AND LOCAL TAX.

c. By submission of its proposal, the proposer certifies that none of the taxes as to which the Authority is exempt are included in its proposal price(s) or the final Contract Price. In the event that the Authority learns that any taxes to which the Authority is exempt are included in the final Contract Price, the Authority shall be entitled to a reduction in the Contract Price reflecting such amount and a refund of monies paid related to such taxes, plus applicable interest.

19. CONTRACTING OFFICER’S TECHNICAL REPRESENTATIVE (COTR)

a. The work will be conducted under the general direction of the Contracting Officer. Authority will be delegated to the Contracting Officer's Technical Representative (COTR) to take the following actions;

b. Act as the principal point of contact with the contractor. Submit a copy of each item of incoming correspondence and a copy of any enclosures shall also be submitted to the Contract Administrator;

c. Approve in writing the contractor’s progress schedule and submittals when required;

d. Inspect the work for compliance with the contract;

e. Review and approve invoices and payment estimates. Forward invoices and receipts to accounting. Bring to the attention of the Contracting Officer any significant discrepancies in, or disputes concerning, contractor invoices of payments. In those cases requiring release of final retained percentages of payment, the COTR will make his recommendations in writing to the Contracting Officer;

f. Coordinate correspondence with the Contract Administrator if its importance significantly impacts the contractual terms and obligations;

g. Evaluate the contractor’s technical letters and proposals for the Contracting Officer;

h. Advise the Contracting Officer of potential problems that may affect contract performance;

i. Advise the Contracting Officer whenever the COTR has reason to believe that the contractual not-to-exceed amount will be exceeded;

- j. Prepare the Authority estimate for Proposed Contract Modifications. Participate in negotiations of modifications;
- k. Approve, in writing, the contractor's progress schedule when required.
- l. Receive from the contractor, monthly, if applicable, DBE status reports and forward them to the Office of Procurement and Materials, DBE Branch;
- m. Receive from the contractor the Certified Payroll Reports and prepare a log sheet indicating the following: (1) name of the contractor and subcontractor; (2) the contract number; (3) the certified payroll number (number for the payroll for the project starting with the number 1); (4) the time frame of the payroll period (i.e. 1/21/11-2/3/11); (5) the Statement of Compliance date (first page of the report); and (6) the date the report was received by WMATA;
- n. Maintain a comprehensive file record of documents and correspondence concerning contract activities and actions;
- o. Provide the Contract Administrator with a written notification after all supplies/services have been received with a statement that the COTR is not aware of any open issues that would preclude closeout of the contract and that the contract is ready for closeout. Return the file, containing all records, correspondence, etc., to the Contract Administrator;
- p. Execute Standard Form 1420, which contains a detailed performance evaluation of the contractor. Note that if, there is one or more categories in which the contractor is deemed unsatisfactory, these evaluations must be provided to the contractor for comment; and
- q. Provide the Contract Administrator with a written request (and requisition) to exercise option(s) (if any) a minimum of 90 days prior to the time established in the contract for exercise of the option.
- r. There are certain actions which are reserved for only the Contracting Officer. They are:
- s. Approval of contract modification proposals and/or other unilateral actions.
- t. Issuance of written orders to stop and/or resume work under Article 10, "Stop Work Orders", of the General Provisions.
- u. Negotiation with the Contractor for adjustment of contract price and/or time.
- v. The COTR is not authorized to render final decision under the DISPUTES article of the General Provisions.
- w. The COTR is not authorized to issue Termination Notices pursuant to the terms of this contract.
- x. The presence or absence of the COTR or his inspectors shall not relieve the Contractor from any requirements of the contract.

20. ORGANIZATIONAL CONFLICT OF INTEREST

- 1. An organizational conflict of interest may result when factors create an actual or potential conflict of interest on an instant contract, or when the nature of the work to be performed on the instant contract creates an actual or potential conflict of interest on a future acquisition. In the latter case, some restrictions on future activities of the contractor may be required.

(a) Purpose. The purpose of this provision is to ensure that the contractor and its subcontractors:

(1) Are not biased because of their financial, contractual, organizational, or other interests which relate to the work under this contract, and

(2) Do not obtain any unfair competitive advantage over other parties by virtue of their performance of this contract.

(b) Scope. The restrictions described herein shall apply to performance or participation by the contractor, its parents, affiliates, divisions and subsidiaries, and successors in interest (hereinafter collectively referred to as "contractor") in the activities covered by this clause as a prime contractor, subcontractor, co-sponsor, joint venturer, consultant, or in any similar capacity. For the purpose of this clause, affiliation occurs when a business concern is controlled by or has the power to control another or when a third party has the power to control both.

(c) Warrant and Disclosure. The warrant and disclosure requirements of this paragraph apply with full force to both the contractor and all subcontractors. The contractor warrants that, to the best of the contractor's knowledge and belief, there are no relevant facts or circumstances which would give rise to an organizational conflict of interest, and that the contractor has disclosed all relevant information regarding any actual or potential conflict. The contractor agrees it shall make an immediate and full disclosure, in writing, to the Contracting Officer of any potential or actual organizational conflict of interest or the existence of any facts that may cause a reasonably prudent person to question the contractor's impartiality because of the appearance or existence of bias or an unfair competitive advantage. Such disclosure shall include a description of the actions the contractor has taken or proposes to take in order to avoid, neutralize, or mitigate any resulting conflict of interest.

(d) Remedies. The Contracting Officer may terminate this contract for convenience, in whole or in part, if the Contracting Officer deems such termination necessary to avoid, neutralize or mitigate an actual or apparent organizational conflict of interest. If the contractor fails to disclose facts pertaining to the existence of a potential or actual organizational conflict of interest or misrepresents relevant information to the Contracting Officer, the Authority may terminate the contract for default, suspend or debar the contractor from Authority contracting, or pursue such other remedies as may be permitted by law or this contract.

(e) Subcontracts. The contractor shall include a clause substantially similar to this clause, including paragraphs (f) and (g), in any subcontract or consultant agreement at any tier expected to exceed the simplified acquisition threshold. The terms "contract," "contractor," and "Contracting Officer" shall be appropriately modified to preserve the Authority's rights.

(f) Prime Contractor Responsibilities. The contractor shall obtain from its subcontractors or consultants the disclosure, and shall determine in writing whether the interests disclosed present an actual, or significant potential for, an organizational conflict of interest. The contractor shall identify and avoid, neutralize, or mitigate any subcontractor organizational conflict prior to award of the contract to the satisfaction of the Contracting Officer. If the subcontractor's organizational conflict cannot be avoided, neutralized, or mitigated, the contractor must obtain the written approval of the Contracting Officer prior to entering into the subcontract. If the contractor becomes aware of a subcontractor's potential or actual organizational conflict of interest after contract award, the contractor agrees that the Contractor may be required to eliminate the subcontractor from its team, at the contractor's own risk.

(g) Waiver. The parties recognize that this clause has potential effects which will survive the performance of this contract and that it is impossible to foresee each circumstance to which it might be applied in the future. Accordingly, the contractor may at any time seek a waiver from the Head of the Contracting Activity by submitting such waiver request to the Contracting Officer, including a full written description of the requested waiver and the reasons in support thereof.

Unless specifically exempted from the conditions of this provision by the Contracting Officer, any Authority contractor, subcontractor, subsidiary, or other entity which is legally related and which develops or drafts specifications, requirements, statements of work, request for proposals, will be excluded from competing for the directly ensuing procurement.

21. RIGHTS IN TECHNICAL DATA - UNLIMITED

a. [This article, when used, supersedes General Provision Article No. 37, "Rights in Technical Data"].

b. The Authority or any third party designated by the Authority to assist it in the administration of this contract or the inspection or verification of the product produced under this contract, shall have the right to use, duplicate or disclose technical data, which includes computer software, in whole or in part, in any manner and for any purpose whatsoever, and to have or permit others to do so:

1. Any manuals, instructional materials prepared for installation, operation, maintenance or training purposes;

2. Technical data pertaining to end items, components or processes which were prepared for the purpose of identifying sources, size, configuration, mating and attachment characteristics, functional characteristics and performance requirements ("form, fit and function" data; e.g., specification control drawings, catalog sheets, outline drawing; except for the computer software it means data identifying source, functional characteristics, and performance requirements but specifically excludes the source code, algorithm, process, formulae, and flow charts of the software);

3. Other technical data which has been, or is normally furnished without restriction by the Contractor or subcontractor;

4. Other specifically described technical data which the parties have agreed will be furnished without restriction;

5. All computer software regardless of whether it is technical data as defined in this Article 28, including the source code, algorithm, process, formulae, and flow charts, which is developed or materially modified by the Contractor for the Authority or for which the Authority is required by federal law or regulation to provide a royalty-free, irrevocable and nonexclusive license to the federal government.

c. The Authority shall have the right to use, duplicate, or disclose technical data other than that defined in paragraph a. in whole or in part, with the express limitation that such technical data shall not, without the written permission of the party furnishing such technical data, be

1. Released or disclosed in whole or in part outside the Authority,

2. Used in whole or in part by the Authority for manufacture, or

3. Used by a party other than the Authority except for: (i) emergency repair or overhaul, (ii) where the item or process concerned is not otherwise reasonably available to the Authority to enable timely performance of the work, or (iii) administration of this contract or the inspection or verification of the product produced under this contract where the third party has a written contract with the Authority to perform these efforts. In all cases described in this subsection, the release or disclosure outside of the Authority shall be subject to a written prohibition against further use, release or disclosure by the party receiving the technical data.

d. Technical data provided in accordance with the provisions of paragraph b. shall be identified by a legend which suitably recites the aforesaid limitation. Nothing herein shall impair the right of the Authority to use similar or identical data acquired from other sources.

e. Where any item is purchased as a separate line item in the contract, that purchase includes all integral parts of that item, including any computer software, source codes, algorithms, processes, formulae, and flow charts. As such, the Authority has full rights to use, duplicate or disclose any or all parts of the item, including computer software, in whole or in part, in any manner and for any purpose whatsoever, and to have or permit others to do so. Should disclosure of the computer software be required only under this paragraph, then the Contracting Officer may waive the provisions of this paragraph if he certifies in writing that the item is commercially available from multiple sources and the product from any of those sources will be fully compatible with existing Authority property.

f. The term technical data as used in this article means technical writing, computer software, sound recordings, pictorial reproductions, drawings, or other graphic representations and works of a technical nature, whether or not copyrighted, which are specified to be delivered pursuant to this Contract. The term does not include financial reports, cost analyses, and other information incidental to Contract administration. Computer software as used in this article means computer programs, computer data bases, and documentation thereof.

g. Material covered by copyright:

1) The Contractor agrees to and does hereby grant to the Authority, and to its officers, agents and employees acting within the scope of their official duties, a royalty-free, nonexclusive and irrevocable license throughout the world for Authority purposes to publish, translate, reproduce, deliver, perform, dispose of, and to authorize others so to do, all (i) technical data and (ii) computer software covered by Article 28.a.(5) now or hereafter covered by copyright.

h. No such copyrighted matter shall be included in (i) technical data or (ii) computer software covered by Article 28.a.(5) furnished hereunder without the written permission of the copyright owner for the Authority to use such copyrighted matter in the manner above described.

i. The Contractor shall report to the Authority (or higher-tier contractor) promptly and in reasonable written detail each notice or claim of copyright infringement received by the Contractor with respect to any (i) technical data or (ii) computer software covered by Article 28.a.(5) provided to the Authority.

j. Relation to patents: Nothing contained in this article shall imply a license to the Authority under any patent, or be construed as affecting the scope of any license or other right otherwise granted to the Authority under any patent.

k. Any dispute under this article shall be subject to the Disputes article of this contract.

- i. Notwithstanding any other payment provision in this contract, the Contracting Officer may retain from payment up to 10 percent of the contract price until final delivery and acceptance of the technical data defined in this article and as required to be furnished by the contract specification.

22. FORCE MAJEURE CLAUSE

- a. The Contractor's right to proceed shall not be so terminated nor the Contractor charged with resulting damage under the following circumstances:

- a. If the delay in performing this work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God, acts of the public enemy, acts of the Authority in its contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, unusually severe weather, or delays of subcontractors or suppliers at any tier arising from causes other than normal weather beyond the control and without the fault or negligence of both the Contractor and such subcontractors or suppliers.

- b. The rights and remedies of the Authority provided in this Section are in addition to any other rights and remedies provided by law or under this Contract.

23. GARNISHMENT OF PAYMENTS

- a. Payment under this contract shall be subject to any garnishment and attachment orders issued pursuant to the laws of Maryland, Virginia, and the District of Columbia, and to levies under the laws of the United States.

24. GOVERNING LAW

- a. This contract shall be deemed to be an agreement under and shall be governed by the law of the District of Columbia, exclusive of its conflict of law principles, and the common law of the U.S. Federal contracts including precedents of the Federal Boards of Contract Appeals.

25. LIVING WAGE

- a. This contract is subject to the Authority's Living Wage Policy and implementing regulations. The Living Wage provision is required in all contracts for services (including construction) awarded in an amount that exceeds \$100,000 in a 12-month period.

- b. The Authority Living Wage Rate is \$13.48 per hour, and may be reduced by the contractor's per-employee cost for health insurance.

- c. The Contractor shall:

- d. Pay, at a minimum, the Authority Living Wage Rate, effective during the time the work is performed, to all employees who perform work under this contract, except as otherwise provided in paragraph (d) below;

- e. Include the Living Wage clause in all subcontractors that exceed \$15,000 in a 12-month period awarded under this contract;

- f. Maintain payroll records, in accordance with the retention and examination of records requirements in the General Provisions, and shall include a similar provision in affected subcontracts that requires the subcontractor to maintain its payroll records for the same length of time; and

- g. Submit records with each monthly invoice supporting payment of the Living Wage Rate.
- h. The Contractor shall not split or subdivide a contract, pay an employee through a third party, or treat an employee as a subcontractor or independent contractor to avoid compliance with the Living Wage provisions.
- i. Exemptions to the Living Wage provisions include:
- j. Contracts and agreements with higher negotiated wage rates,
- k. Contracts that are subject to higher wage rates required by federal law or collective bargaining agreements (e.g., Davis Bacon);
- l. Contracts or agreements for regulated utilities;
- m. Emergency services to prevent or respond to a disaster or imminent threat to public health and safety; and
- n. Contractors who employ fewer than ten (10) employees.
- o. The Authority may adjust the Living Wage rate effective in January of each year. The adjustment will reflect the average Living Wage Rate among Metro's Compact Jurisdictions with Living Wage provisions. If after contract award the Living Wage Rate increases, the Contractor is entitled to an equitable adjustment to the rate in the amount of the increase for employees who are affected by the escalated wage.
- p. Failure to comply with the Authority's Living Wage provisions shall result in the Authority's right to exercise available contract remedies, including contract termination or debarment from future contracts.

26. METRIC SYSTEM

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

27. SEISMIC SAFETY

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

b. The Seismic Safety requirements apply only to contracts for the construction of new buildings or additions to existing buildings.

28. RECYCLED PRODUCTS

a. The contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

29. NOTIFICATION OF FEDERAL PARTICIPATION

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

30. WHISTLEBLOWER PROTECTION

a. The Contractor and its subcontractors shall encourage their employees and independent contractors to report information—without fear of actual or threatened discrimination, retaliation or reprisal—that they in good faith reasonably believe is evidence of gross mismanagement; gross misuse or waste of public resources or funds; fraud; violation of law; abuse of authority in connection with the conduct of Metro operations or contracts; or a substantial and specific danger to health, security or safety. The Contractor and its subcontractors shall notify their employees that they may make reports under this paragraph to:

b. WMATA's Office of Inspector General (OIG), in person, in writing, through the OIG Hotline (888-234-2374) or email wmata-oig-hotline@verizon.net or by any other reasonable means;

c. WMATA's Metro Transit Policy Department (MTPD), in person, by telephone (202-962-2121) or by any other reasonable means, or to the OIG, if the information constitutes a potential violation of criminal law;

d. WMATA's Chief Safety Officer, in person, in writing, through the SAFE Hotline (202-249-7233) or email safety@wmata.com, or by any other reasonable means; or

e. Any other official, office or agency within WMATA or outside WMATA that the employee or independent contractor reasonably believes has the authority to act on the matter.

f. The Contractor, its employees, independent contractors and subcontractors shall cooperate with any inquiry or review by an authorized official of WMATA, or by the federal government or any other governmental entity with jurisdiction over WMATA, regarding a matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, and with any enforcement or judicial proceeding arising from such inquiry or review.

g. The Contractor and its subcontractors shall not interfere with or deny the right of any employee or independent contractor of either the Contractor or any of its subcontractors to make a report under paragraph (a). The Contractor and its subcontractors shall not recommend, take or threaten to take any action having a negative or adverse impact on any employee or independent contractor of either the Contractor or any of its subcontractors because he or she:

h. made or is perceived to have made a report under paragraph (a);

i. sought a remedy under applicable law after making a report under paragraph (a);

j. participated in or cooperated with an inquiry or review by an authorized official of Metro, or by the federal government or any other governmental entity with jurisdiction over Metro, regarding a

matter that would constitute a report under paragraph (a) or a violation of this or any whistleblower provision of this Contract, or with an enforcement or judicial proceeding arising from such inquiry or review;

k. refused to obey an order that would violate law; or

l. refused to work or authorize work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there was no reasonable alternative to refusal, there was not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, notified the Contactor or subcontractor of the condition and of the intent not to perform or authorize work.

m. The Contractor shall include, or shall cause to be included, the substance of this section, including this paragraph (d), in its subcontracts at all tiers.

n. The Contractor and its subcontractors shall comply with the National Transit Systems Security Act (NTSSA), which prohibits discharging, demoting, suspending, reprimanding or in any other way discriminating against an employee as a reprisal for the employee lawfully and in good faith—

- 1) reporting a hazardous safety or security condition;
- 2) refusing to work when a hazardous safety or security condition presents an imminent danger of death or serious injury, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of the intent to not perform work;
- 3) refusing to authorize the use of any safety or security related equipment, track or structures, if the individual is responsible for their inspection or repair and reasonably believes they are in a hazardous safety or security condition, there is no reasonable alternative to refusal, there is not sufficient time to eliminate the danger in absence of refusal and the individual, where possible, has notified the Contractor or subcontractor of the condition and of the intent not to authorize use of hazardous equipment or infrastructure unless corrected;
- 4) providing information for or directly assisting in an investigation of conduct that the individual reasonably believes to be in violation of federal law regarding safety, security or fraud, waste or abuse of funds intended for safety or security;
- 5) refusing to violate or assist in violation of federal public transportation safety or security law;
- 6) cooperating with a safety or security investigation by the U.S. Secretary of Transportation, U.S. Secretary of Homeland Security or the National Transportation Safety Board;
- 7) furnishing information to law enforcement agencies relating to an accident or incident resulting in damage to property, injury or death; or
- 8) filing a complaint under the NTSSA or testifying regarding such complaint.

- o. The contractor shall notify the Authority of any instance, related to this Contract, of a report under paragraph (a)(1) or refusal under paragraphs (a)(2), (3) or (5).
- p. The enforcement, filing and investigation of complaints, and remedies under this section shall be governed by the NTSSA, applicable federal regulations and federal law.
- q. This section shall be interpreted in accordance with the NTSSA. If any provision is found to be in conflict with the NTSSA, the NTSSA shall govern.
- r. The Contractor shall include, or shall cause to be included, the substance of this section, including this paragraph (e), in its subcontracts at all tiers.

31. DRUG AND ALCOHOL TESTING

- a. Contractors who perform safety-sensitive functions shall be subject to compliance with a drug and alcohol testing program according to Federal guidelines published in FTA regulations (49 CFR Part 655).

32. DAVIS-BACON AND COPELAND ANTI-KICKBACK ACTS

- a. This contract is subject to the Davis-Bacon and Related Acts. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract. The Davis-Bacon Act requires contractors and subcontractors under construction contracts and subcontracts greater than \$2,000 to submit the required certified payrolls weekly.

33. PUBLIC COMMUNICATION

- a. Contractor shall not issue communications to the media, place advertisements, nor publicize through any means the services or goods they are providing WMATA under this agreement without prior consent from the project manager following consultation with the Assistant General Manager, Customer Service, Communications & Marketing (AGM, CSCM) or her designee. Contractor shall not publish, in print or online, any communications products such as newsletters, press releases, blogs or other communications to WMATA employees without prior consent from the project manager, subsequent to approval by the AGM, CSCM. Approval of any such requests shall be at the sole discretion of WMATA and coordinated by the project manager, who will confer with CSCM and other WMATA departments as appropriate to facilitate reviews. This provision is not intended to curtail routine communications exercised in the course of business with project staff which may be required to execute deliverables under this agreement. This provision is also not intended to prohibit the contractor from making reference to prior awards in its subsequent offers.

34. DESIGN WITHIN FUNDING LIMITATIONS

- a. The Contractor may be required to accomplish the design services required under task orders so as to permit the award of a contract, using standard procedures for the construction of the facilities designed at a price that does not exceed the estimated construction contract price as set forth in issued task orders. When bids or proposals for the construction contract are received that exceed the estimated price, the contractor shall perform such redesign and other services as are necessary to permit contract award within the funding limitation. These additional services shall be performed at no increase in the price of this contract. However, the

Contractor shall not be required to perform such additional services at no cost to the Authority if the unfavorable bids or proposals are the result of conditions beyond its reasonable control.

b. The Contractor will promptly advise the Contracting Officer if it finds that the project being designed will exceed or is likely to exceed the funding limitations and it is unable to design a usable facility within these limitations. Upon receipt of such information, the Contracting Officer will review the Contractor's revised estimate of construction cost. The Authority may, if it determines that the estimated construction contract price set forth in this contract is so low that award of a construction contract not in excess of such estimate is improbable, authorize a change in scope or materials as required to reduce the estimated construction cost to an amount within the estimated construction contract price set forth in issued task orders, or the Authority may adjust such estimated construction contract price. When bids or proposals are not solicited or are unreasonably delayed, the Authority may prepare an estimate of constructing the design submitted and such estimate shall be used in lieu of bids or proposals to determine compliance with the funding limitation.

35. RESPONSIBILITY OF THE ARCHITECT-ENGINEER CONTRACTOR

a. The Contractor shall be responsible for the professional quality, technical accuracy, and the coordination of all designs, drawings, specifications, and other services furnished by the Contractor under this contract. The Contractor shall, without additional compensation, correct or revise any errors or deficiencies in its designs, drawings, specifications, and other services.

b. Neither the Authority's review, approval or acceptance of, nor payment for, the services required under this contract shall be construed to operate as a waiver of any rights under this contract or of any cause of action arising out of the performance of this contract, and the Contractor shall be and remain liable to the Authority in accordance with applicable law for all damages to the Authority caused by the Contractor's negligent performance of any of the services furnished under this contract.

c. The rights and remedies of the Authority provided for under this contract are in addition to any other rights and remedies provided by law.

d. If the Contractor is comprised of more than one legal entity, each such entity shall be jointly and severally liable hereunder.

36. NON-PERSONAL SERVICE STATEMENT

a. Contractor employees performing services under this contract will be controlled, directed and supervised at all times by management personnel of the Contractor. Contractor management will ensure that employees properly comply with the performance work standards outlined in the performance work statement. Contractor employees will perform their duties independent of, and without supervision of, any Authority official or personnel. The tasks, duties, and responsibilities set forth in the contract may not be interpreted or implemented in any manner that results in any Contractor employee creating or modifying policy, obligating appropriated funds, overseeing the work of Authority employees, or providing direct personal services to any Authority employee. The Authority will control access to the facility and will perform the inspection and acceptance of the completed work, pursuant to the terms and conditions of this contract.

37. NON-DISCLOSURE

a. The Contractor agrees to enter into a written agreement with any firm whose proprietary data is used in connection with the performance of the contract, to protect all proprietary information from unauthorized disclosure or use for as long as it remains proprietary, to furnish the Contracting officer with executed copies of all such agreement(s), and to refrain from using any proprietary information in supplying to the Authority goods or services, or for any purpose other than that for which it was intended, pursuant to this contract.

b. The Contractor agrees that any information furnished by the Authority to the Contractor not generally available to other Contractors shall be used only for performance under this contract, and all copies of such information shall be returned to the Authority upon completion of the effort. Any information furnished by the Authority containing trade secrets or commercial or financial data of other Contractors shall be treated as proprietary data. Additionally, the Contractor shall not disclose outside the Authority any information generated in the performance of this contract.

PART III – STATEMENT OF WORK

- 1** GENERAL:
- 1.1** Purpose:
 - 1.1.1** The Washington Metropolitan Area Transit Authority (known hereinafter as the Authority) desires that certain professional general engineering consultant-facilities (GEC-FAC) services be secured to provide design and review services to support the on-going facilities maintenance program, capital improvement program, conduct special complex engineering/architectural studies, provide engineering and architectural support for recovery from emergency conditions, provide design and construction management support for new capital rail construction and for bus system facilities projects, for joint development projects, for adjacent construction related projects, for project and technology development projects, and for additional projects and services as required.
 - 1.1.2** As described in the following, the GEC-FAC shall assist the Authority by providing certain professional engineering, architectural and surveying services associated with new construction and the renovation, repair and maintenance of Authority facilities located in the District of Columbia, Maryland and Virginia.
 - 1.1.3** This effort pertains to both Metrorail and Metrobus facilities. All new Metrorail or Metrobus facilities must be designed to meet or exceed the requirements for Leadership In Energy and Environmental Design (LEED) Silver Certification rating.
- 1.2** Background:
 - 1.2.1** Architecture:
 - 1.2.1.1** Harry Weese's original architecture with its distinctive, elegant, spacious, underground stations has established a standard for architectural design excellence. Above ground stations, while not as dramatic, are designed with just as much attention given to aesthetics, durability, functionality, and quality. This tradition of architectural design has made the system one of the most beautiful and its stations considered by many to be "exemplary works of Modern Design".
 - 1.2.1.2** All new station designs shall follow Harry Weese's original architecture with its distinctive, elegant, spacious, underground stations has established a standard for architectural design excellence and build upon this standard for design excellence. All new station designs, whether underground or above ground, shall follow and reinforce this design vision and live up to the view that public architecture in the Nation's Capital shall be dignified and grand.
 - 1.2.1.3** While not necessarily duplicating past designs, this tradition of architectural design has made the system one of the most beautiful and its stations considered by many to be "exemplary works of Modern Design". And as such new station designs

- shall build upon the tradition of superior architectural design and continue to reinforce a unique Metro image that unifies the system as a whole. New station designs shall have the common range of materials and follow the design principles established by Harry Weese and as outlined in WMATA's Design Criteria.
- 1.2.1.4** In addition to station design, WMATA has a history of and an expectation for architectural design excellence for all its facilities both public and non-public. Other public WMATA structures can include parking structures, pedestrian bridges, customer service facilities, etc. Non-public facilities can include but are not limited to industrial facilities such as rail yard and bus maintenance shop buildings, administrative yard buildings, ancillary rail building, traction power substations, office buildings, etc.
- 1.2.1.5** Architectural consultants providing architectural design services for WMATA facilities shall provide an experienced architectural design staff with proven aesthetic design experience and talent to develop functionally economical as well as aesthetically attractive buildings. Consideration shall be given to creative uses of materials, massing, scale, form, texture, and detailing. Buildings shall be visually attractive, innovative, as well as functional and durable. The overall architecture should impart a sense of pride within the local community, and provide a stimulating and attractive environment for the people who will see, work in, and use the buildings on a daily basis.
- 1.2.2** Civil:
- 1.2.2.1** The Washington Metropolitan Area Transit Authority (WMATA) began the first phase of Red Line revenue operation in 1976, which consisted of 5 stations and about 4.6 miles of revenue track. The system has steadily increased in size to its present condition, which currently consists of- 91 stations and about - 117 miles of revenue track. WMATA has an equally large number of facilities that support Metrorail operations to include parking garages, parking lots, kiss and ride lots, bus bays, access roads, side walks, underground utilities, storm water management facilities, railcar storage yards and shop facilities, salt domes, traction power facilities, tiebreaker facilities and others. WMATA also operates and maintains an extensive bus fleet, underground storage tanks and bus garage facilities throughout the region. Parts of the present Metrorail system are over 30 years old and are showing signs of age. Many of the Metrobus facilities were acquired from the previous local bus providers and are much older than 30 years.
- 1.2.2.2** Typically, civil design will focus on restoration of existing facilities adopting new technology and Standards where appropriate. Many improvements in building codes and environmental requirements have occurred since the majority of the system was designed which will present unique challenges for civil designers when retrofitting existing systems to comply with new codes.

1.2.3 Electrical:

WMATA utilizes an N+1 distribution configuration throughout the system with the exception for a few locations. WMATA is comprised of 91 active Passenger Stations, 12 Parking Garages, 33 Parking Lots, 26 Bus Loops, 9 Bus Garages, and 6 System Maintenance and Inspection Yards.

1.2.3.1 Passenger Stations

1.2.3.1.1 WMATA's Passenger Stations incoming utility service is either 13.8kV or 34.5kV and is configured in a main-tie-tie-main or a main-tie-main arrangement. In some locations the two mains are located in same electrical vault and in other cases they are located in the separate vaults at each end of the station. Each unit substation switchgear lineup is comprised of medium voltage metal-clad switchgear, a dry-type cast coil transformer, and a low voltage 480V switchboard. These unit substations provide electric power to all equipment and devices in the station and in some cases to adjacent facilities such as drainage pumping station, vent shafts, traction power auxiliary equipment, and parking garages.

1.2.3.2 System Maintenance and Inspection Yards (S&I)

1.2.3.2.1 WMATA's S&I Yards electrical distribution system is normally similar to the Passenger Station's system with the exception of a few Yards where the traction power equipment is located in the same electrical vault room. The main distribution switchboard shall be 277/480 volt with a current capacity based on facility load calculations and future expansion considerations. The switchboard shall be metal enclosed dead front safety type free standing with a sufficient number of circuit breakers to meet facility design needs and adequate spare capacity to meet future growth. The switchboard fabrication and features shall include hinged front panels, hard drawn copper bus material with silver-plated contact surfaces and uniform capacity over entire length and front panel meters to display phase to phase and phase to neutral voltage and current. The circuit breakers in the switchboard shall be current limiting molded case NEMA AB 1 with 75,000 amp interrupting capacity or as necessary to meet available fault current. The switchboard shall be located in a dedicated electrical equipment room along with the main electrical distribution panelboards and transformers. This room shall be appropriately sized to accommodate equipment clearance requirements as defined by National Electric Code (NEC) latest revision, International Building Code (IBC), local and State codes, and as described below. Panelboard enclosures shall be NEMA PB 1 Type 1.

1.2.3.2.2 The motor control centers shall be located in the mechanical equipment room. It is preferred that there be two separate motor control centers, one for equipment on normal power and another for equipment on emergency power. Appropriate space shall be provided in the mechanical equipment room to accommodate equipment clearance requirements as defined by National Electric Code (NEC) latest revision and as described below. Motor control center and disconnect switch enclosures shall

be NEMA Type 1 or as otherwise specified to meet environmental conditions. The bus material in this equipment shall be hard drawn copper of 98% conductivity. Main distribution panels and any panelboards rated greater than 200 amps shall be located with 2'-0" clear space on both sides and any other panelboards shall have 18" clear space on both sides for ease of maintenance. Any panels mounted adjacent to each other shall have 2'-0" clear space between them and shall have 3'-0" clear space in front of panels for access, or as otherwise defined by the National Electric Code (NEC) latest revision. Any panelboards and control panels in maintenance or service areas shall be centrally located in the area covered and shall be flush mounted and/or protected by bollards or guard rails. For all panelboards, installation of conduits shall be top or bottom entry at rear of entering surface such that all available rear surface space is used prior to installing conduits on surface toward front of panelboard.

- 1.2.3.2.3 Panelboards and their installation shall comply with NFPA 30A. Space shall be provided for conduit runs at ceiling including space consideration for future conduits. All conduit and cable shall be installed as per the latest revision of the National Electric Code (NEC) and NFPA 30A with routing done overhead and drops from ceiling space and not run within slabs on grade. Conduit for power distribution shall be minimum ¾ inch size. Exterior underground conduit shall be rigid galvanized steel encased in concrete under paved areas and rigid nonmetallic concrete encased in other areas. Interior conduit shall be rigid galvanized steel. All power wiring rated 600 volts and below shall be type THHN/THWN in raceway with a minimum No.12 AWG size. All general purpose duplex receptacles are to be rated for 20 amps, 125 volts.

1.2.3.3 Grounding

- 1.2.3.3.1 WMATA grounding system is very robust and at times it is more stringent than NEC requirements. Each unit substation is grounded to a ground bus bar inside the electrical vault. This ground bus bar is connected to a ground grid that is buried beneath the earth. All metallic structures and surfaces within the station are bonded and grounded for personnel safety. For cathodic protection purposes, structures rebar are isolated from the main grounding system.

1.2.3.4 Uninterruptible Power Supply (UPS)

- 1.2.3.4.1 An UPS system is installed at Each Passenger Station that is rated between 50kVA - 100kVA, and is capable of providing 3 hours of run time at full load to all critical loads within the station. The batteries are 2V cell, lead acid type that is housed in a separate room adjacent to the electrical vault and is monitored for excess hydrogen buildup.

1.2.3.5 Cables and Conduits

1.2.3.5.1 All power cables within the Passenger Stations are of the low smoke, zero halogen type with now exceptions. All exposed conduits in the Passenger Stations and Bus Garages shall be rigid galvanized steel (RGS) except where liquid tight flexible conduits would be more suitable. PVC and FRE conduits are always encased in concrete and are normally used for the incoming service cables.

1.2.3.5.2 For Bus Garages and office type buildings, low smoke, zero halogen type power cables are not required. RGS is not required for office type buildings.

1.2.4 Mechanical:

1.2.4.1 CENI-PWRS-MECH is the department at WMATA responsible for the design, build, operation, and maintenance of mechanical related systems (excluding rolling stock). Mechanical related systems at WMATA include the Fire Suppression systems; the Tunnel Ventilation systems; the Tunnel Drain Pumping Stations (DPS); the Train, Bus, and Non-revenue Lift systems; the Overhead and Jib Crane systems; the Plumbing systems; the Heating, Ventilation, and Air Conditioning systems (HVAC) for stations and ancillary facilities; the Building Automation Systems (BAS) for stations and facilities; as well as various other mechanical systems.

1.2.4.2 Fire Suppression Systems

1.2.4.2.1 Fire Suppression systems include wet and dry standpipes; wet, dry, pre-action, early suppression fast response, deluge sprinkler systems, and clean agent systems for WMATA facilities throughout the Authority. Additionally, integration of fire and smoke dampers into HVAC systems is common. Fire rated isolation of industrial and commercial facilities, and for Traction Power Substations (TPSS). Some of these systems include fire pumps. Within the rail transit system, understanding and compliance with NFPA 130, Fixed Guideway Transit and Passenger Rail Systems, is required.

1.2.4.3 Drain Pumping Stations (DPS)

1.2.4.3.1 Within the rail tunnels, surface and groundwater enter the system through seepage, Vent and Fan Shafts, and through portals. This water then collects at low points within the tunnel system. DPS systems are located at or near these low points to remove the water from the tunnels. Typically, the DPS pumps discharge either directly to open ground, or into local storm water drainage systems. WMATA DPS systems include all related piping, controls, metering, and remote monitoring equipment.

1.2.4.4 Lift Systems

1.2.4.4.1 At the various WMATA maintenance facilities, lifts are used to raise trains, buses, and other vehicles to an elevation at which they can have service performed on

them. The lifts are comprised of; controls, hydraulic systems, mechanical systems, vehicle supports, truck turntables and elevators, and body hoists.

1.2.4.5 Crane Systems

1.2.4.5.1 Overhead and Jib cranes are an integral part of rail and bus facilities. They are used for lifting large parts and assemblies.

1.2.4.6 Plumbing systems

1.2.4.6.1 This includes all standard plumbing within WMATA facilities, stations, and buildings. Subsystems include, but are not limited to, potable water supply, domestic hot water supply, DWV (drain, waste, and vent), septic and sewer piping systems, storm water drainage. This includes; diesel, gasoline and natural gas distribution systems. Also included are all standard plumbing fixtures for locker and restrooms. Rail and Bus maintenance facilities include industrial wastewater pretreatment systems to remove oil and heavy metals from the waste stream.

1.2.4.7 Chiller Plants and Cooling Towers

1.2.4.7.1 WMATA uses chiller plants to generate chilled water, which is then circulated to provide air conditioning. Cooling is required for underground stations, offices, and training and maintenance facilities. The authority has air cooled and water cooled chillers. Chiller plants and cooling towers include all associated controls, pumps, piping, metering, remote monitoring, and water treatment equipment.

1.2.4.8 Station Ventilation and Air Conditioning

1.2.4.8.1 Each underground station has air handling units and air conditioning units in mechanical rooms associated with the station. Chilled air is blown through ducts under the platforms and supplied to the station through the pylons, supply ducts in the side walls, and in the walls under escalators. Air returns through grilles under the station benches, into the under-platform ducts, back to the air handling units. Brake dust in the underground stations creates an accelerated filter loading rate. Air handling units provide air circulation for underground maintenance and control rooms.

1.2.4.9 Under-Platform Exhaust, Dome Exhaust, and Tunnel Fans

1.2.4.9.1 Tunnel Ventilation systems include tunnel vent fans, vent shafts, dome fans, Under-Platform Exhaust (UPE) fans, and damper systems within all rail tunnels. Tunnel fans provide for exhausting of smoke and heat during a fire, and removal of diesel exhaust during maintenance activities. Vent shafts provide relief of the piston action created by moving trains and for emergency egress of passengers. In extreme cold, the vent shafts and fan shafts dampers will close to reduce freezing conditions for

water drainage and service piping. Dampers are also integrated into the supplying or exhausting of air for station ventilation during an emergency. The UPE fans remove heat generated by train propulsion equipment while the train is at the platform and removes smoke in an emergency. Dome fans remove heat and smoke from the upper portion the station dome.

1.2.4.10 Heating, Ventilating, and Air Conditioning (HVAC) systems for buildings

1.2.4.10.1 The Mechanical department has responsibility for the HVAC systems in all WMATA buildings, from the very large systems for office and maintenance facilities, down to the simplest exhaust fans. Industrial maintenance spaces require winter heat and year-round ventilation, both to provide fresh air for technicians, and to remove pollutants from industrial activities. Unoccupied spaces, such as Tie Breaker Stations (TBS) and Traction Power Substations (TPSS) also require some level of winter heating to prevent freezing or condensation on contained equipment, and ventilation to prevent equipment overheating. Additionally, battery rooms have specific minimum ventilation requirements to prevent hydrogen gas buildup.

1.2.4.11 Building Automation Systems (BAS)

1.2.4.11.1 Building Automation Systems at WMATA describes the control systems for HVAC and other utilities and mechanical systems within a building. Typically, each building has its own BAS, although in some locations, buildings may be grouped into a single BAS. The control and monitoring functions include, but are not limited to: Air handling units, mechanical equipment monitoring and control at Tunnel Fans, Tie Breaker Stations (TBS), Traction Power Substations, Drainage Pumping Stations, Sewage Ejectors, Chiller Plants, Bus Wash, and Train wash systems.

1.2.4.12 Programmable Logic Control Systems (PLC)

1.2.4.12.1 Programmable Logic Control Systems at WMATA describes the control systems for many complex mechanical systems and processes. These systems typically include Train and Bus wash systems, Drainage Pumping Stations (DPS), Tunnel ventilation control systems, and Bus and Rail vehicle lifting systems. The control and monitoring of such equipment typically consists of a centralized controller and a localize Human Machine Interface (HMI) for system operation and remote monitoring.

1.2.4.12.2 The WMATA Network is Ethernet based. BACnet and Modbus protocols are used over TCP or RTU depending on location and need. The goal is to have all of this equipment data available on-line, with appropriate security measures in place for protection.

1.2.4.12.3 Building BAS is typically open-source Tritium-Niagara based. Recent installations have used Johnson Controls "Facility Explorer" version of this baseline equipment.

1.2.4.12.4 System PLC controls are typically open-source Koyo component based. Recent installations have used the Automation Direct version of these components for baseline equipment.

1.2.4.12.5 Within stations and facilities, WMATA designed or built control panels that feature Human-Machine Interface (HMI) devices to integrate data from the system, and communicate with the central network.

1.2.5 Structural:

WMATA's structural assets consist of mainly above/below grade stations, tunnels, bridges, service buildings at rail yards, Bus garages, parking garages, aerial structures and wayside buildings (traction power/tie- breaker rooms).

1.2.5.1 ASSET TYPE: STATIONS - there are 91 stations in the WMATA system of which 47 stations are underground. Underground stations are mainly cast-place concrete construction while above grade stations consist of cast in place concrete, pre-stressed concrete and post-tensioned concrete structures.

1.2.5.2 TYPICAL PROBLEMS: 44 Above Grade Stations: deteriorated platform slabs, especially along platform edges; broken and delaminated tiles and granites; cracked and leaking platform canopies. **47 Underground Stations:** Leaks, cracked and spalled concrete.

1.2.5.3 ASSET TYPE: TUNNELS - WMATA system is 117 miles of which approximately 51.5 miles are underground. Tunnel structures consist of cast in place concrete, bolted steel liners, pre-cast segmental liners, and shotcrete rock liners.

1.2.5.4 TYPICAL PROBLEMS: Cracked and spalled concrete tunnels; corroded rebars, steel elements, stray current and tunnel leaks.

1.2.5.5 ASSET TYPE: AERIAL STRUCTURES There are 15 Aerial structures in the WMATA system. The Aerial structures consist of approximately 1300 1400 spans and in total are 12 miles. Aerial structure consist of steel plate girders with concrete decks, steel box girders with concrete decks, post tensioned cast-in-place concrete box girders, precast concrete segmental girders, and precast AASHTO box girders.

1.2.5.6 TYPICAL PROBLEMS: Cracked and spalled concrete decks and pier caps, cracked concrete girders and piers; cracked steel pier caps, deteriorated and broken anchor bolts.

1.2.5.7 ASSET TYPE: YARDS/ANCILLARY/OTHER There are approximately 210 Rail service yards, bus garages, fan and vent shafts, traction power substations all underground facilities are cast-in-place concrete construction, while the above grade

ones are mainly CMU walls with steel beam and joist roofs. Some of the shafts have steel stairs as emergency exits for the rail system.

- 1.2.5.8** TYPICAL PROBLEMS: Corroded hatch doors, frames and stairs; shaft roof, walls and conduits leaking, clogged drains.
- 1.2.5.9** ASSET TYPE: There are 97 traction power substations. Underground traction power substations are all cast-in-place concrete construction, while the above grade ones are mainly CMU walls with steel beam and joist roofs.
- 1.2.5.10** TYPICAL PROBLEMS: Underground Traction Power Substations have cracked concrete walls; ground water leaking through walls, especially along power cable conduits. Above Grade Traction Power Substations have cracked CMU/brick walls and roof leaks. Appropriate designs will be developed and implemented to resolve these issues.
- 1.2.5.11** ASSET TYPE: There are 8 rail service yards in the WMATA system. These yards contain service and inspection facilities, field base facilities and other structures related to maintenance activities.
- 1.2.5.12** TYPICAL PROBLEMS: Leaking at basement walls, especially through power cable conduits; deteriorated floor slabs; corroded roof structures including steel beams, joists and metal decks at car wash areas.
- 1.2.5.13** ASSET TYPE: There are 11 Bus Garages in the WMATA system. Majority of these garages were rolled over from DC Transit System, Inc., and are older than 50 years. With the exception of two garages that were built by WMATA.
- 1.2.5.14** TYPICAL PROBLEMS: Cracked CMU/brick walls; deteriorated concrete floor slabs and beams, roof repairs/replacement.
- 1.2.5.15** ASSET TYPE: PARKING GARAGES - There are 22 of parking garages in the WMATA system. Majority of the garages consist of pre-cast concrete construction with few cast-in-place post-tensioned structures.
- 1.2.5.16** TYPICAL PROBLEMS: Cracked and spalled concrete slabs, beams and columns; corroded rebars and connections; failing joints; floor leaking and clogged drains, faulty expansion joints.
- 1.2.6** Geomatics:
- 1.2.6.1** WMATA has developed its own system of approximately 7000 survey control points that cover all of its facilities in and around the entire Washington DC Metropolitan Area. Details concerning this system can be found in WMATA's Design Criteria.

1.2.6.2 WMATA's Office of the Chief Engineer Infrastructure is responsible for selecting the appropriate base control for use in establishing all future WMATA control points to be used for design, construction and maintenance purposes.

1.3 Description:

The work effort is composed of providing professional and technical consulting services with qualified engineers. The services to be provided will include expertise in the full range of transit orientated architectural, engineering and surveying disciplines. Consistent with Section 5.2.2, final designs, reports, specifications, calculations, recommendations, studies, estimates, schedules and surveying must be approved by an architect, engineers or surveyor licensed / registered in the jurisdiction where the work is to be performed. The GEC-FAC shall evaluate existing problem areas and develop a variety of solutions that describe the beneficial and any adverse effects that may result. All proposed solutions shall describe considerations for safety, technical superiority, life cycle properties, and integration with existing system and be environmentally friendly.

1.4 Confidential Information:

The GEC-FAC shall not divulge any confidential information which is acquired in the course of performing the work under this contract. In this respect, the estimate of the cost of construction, based upon the approved designs, drawings and specifications thereof, shall constitute the Authority's estimate and, no information pertaining to such estimate or estimating shall be disclosed by the GEC-FAC, associates or employees, except to the extent permitted by the Contracting Officer.

1.5 Relationship with Railroads. Private and Public Utilities and Agencies:

The GEC-FAC shall thoroughly coordinate with railroads, public and private utility companies, adjacent property owners and public agencies, as required. Initial contact with the affected utility companies, owners and agencies shall be the responsibility of the GEC-FAC.

2 INFORMATION FURNISHED BY THE AUTHORITY:

2.1 General Documents:

The Authority shall furnish the GEC-FAC with documents as guidelines for work to be performed under this contract. These documents present information relative to the work to be performed by the GEC-FAC. It is the responsibility of the GEC-FAC, however, to gather all data necessary for the performance of this contract and to develop complete and final documentation.

3 KEY PERSONNEL

3.1 Program Manager

3.1.1 Minimum Qualifications

- 3.1.1.1** Undergraduate Degree in Engineering or Architecture
- 3.1.1.2** Professional Licensure; Professional Engineer, Registered Architect, or certification; and PMP, or equivalent
- 3.1.1.3** Minimum of 10 years of experience in managing the design of complex multi-discipline projects of a similar type and financial magnitude in the rapid transit industry.
- 3.2** Quality Assurance Manager
 - 3.2.1** Minimum Qualifications
 - 3.2.1.1** Bachelor's Degree in Civil Engineering, Construction Management, Architecture, or equivalent related work experience.
 - 3.2.1.2** Trained as a Lead Auditor in a Registrar Accreditation Board of the American Society for Quality (RABASQ) approved course on the requirements of ISO 9001
 - 3.2.1.3** Minimum of 10 years of related experience including a minimum of 5 years of management positions in a production, manufacturing, or construction environment performing QA/QC auditing. Transit industry experience is preferred.
- 3.3** Chief Cost Estimator
 - 3.3.1** Minimum Qualifications
 - 3.3.1.1** Bachelor's Degree in Civil Engineering, Construction Management, Architecture, or equivalent related work experience.
 - 3.3.1.2** Professional Certification; American Association of Cost Engineers, or equivalent
 - 3.3.1.3** Minimum of 15 or more years estimating or project experience on heavy civil projects
 - 3.3.1.4** Minimum of 10 or more years estimating experience in the construction industry
 - 3.3.1.5** Demonstrated experience estimating projects of more than \$10,000,000
- 4** SCOPE OF SERVICES:
 - 4.1** General:

4.1.1 The GEC-FAC shall provide the professional and technical staff required to perform the tasks, at the times requested by the Authority, in the work locations designated in the succeeding paragraphs.

4.1.2 The GEC-FAC shall provide one senior professional engineer/architect/surveyor and backup to be the point of contact and to work closely with the WMATA point of contact, approved by the Authority and not subject to change without the Authority's approval, to be assigned full time. The individual will supplement the Authority's technical staff. The individual will serve as liaison between the consultancy and the Authority for larger all tasks requiring related matters, including assessing need for additional resources.

4.2 Technical Direction:

4.2.1 The work will be conducted under the general direction of the Contracting Officer. Specific individuals will be designated as COTR with authority as listed in the Special Provisions and as set forth in appointment letter(s), a copy of which will be provided to the GEC-FAC.

4.2.2 During the prosecution of the work, the GEC-FAC shall maintain close liaison with the COTR, who will coordinate the work with the user Department and other offices. The GEC-FAC shall direct all requests, from user, offices and departments of the Authority, to the COTR for appropriate action. Program Management functions will also be the responsibility of the COTR.

4.3 Tasks to Be Performed:

4.3.1 The GEC-FAC shall provide professional technical services to a wide variety of new design and construction related tasks and maintenance, repair and renovation tasks requiring the full range of A/E Services including, but not limited to, the following:

4.3.1.1 Architectural, Structural, Civil, Mechanical, Geomatics and Specialty Projects

4.3.1.1.1 Special Engineering and Architectural Studies

4.3.1.1.2 Landscape Architecture

4.3.1.1.3 Coatings, Thermal and Moisture Protection Design

4.3.1.1.4 Structural Analysis and Design

4.3.1.1.5 Geotechnical

4.3.1.1.6 Civil Analysis and Design

4.3.1.1.7 Grading and Foundation Design

- 4.3.1.1.8 Pavement Design and Restoration
- 4.3.1.1.9 Materials Assessment (Testing and Submittal Review)
- 4.3.1.1.10 Storm Water Management
- 4.3.1.1.11 Control Surveys
- 4.3.1.1.12 Global Positioning System Surveys
- 4.3.1.1.13 Boundary Surveys
- 4.3.1.1.14 Preparation of Easements
- 4.3.1.1.15 Photogrammetry and Aerial Mapping
- 4.3.1.1.16 Ortho-photography
- 4.3.1.1.17 High Definition Scanning and Modeling Services
- 4.3.1.1.18 Existing Condition Surveys
- 4.3.1.1.19 Construction Surveys
- 4.3.1.1.20 Movement Detection Surveys
- 4.3.1.1.21 Rail As-Built and Train Clearance Surveys
- 4.3.1.1.22 Conventional Topographic Surveys
- 4.3.1.1.23 Large and Small Format Document Scanning Services
- 4.3.1.1.24 Right-of-Way Engineering and Surveys
- 4.3.1.1.25 Utilities
- 4.3.1.1.26 Environmental and Planning
- 4.3.1.1.27 Mechanical
- 4.3.1.1.28 Safety and Security
- 4.3.1.1.29 Program and Project Management
- 4.3.1.1.30 System Integration

- 4.3.1.1.31 Noise and Vibration Investigations
- 4.3.1.1.32 Alignment and Plan/Profile Studies
- 4.3.1.1.33 Final Design and Contract Document Review
- 4.3.1.1.34 Planning, EIS, and MIS studies
- 4.3.1.1.35 Project and Program Management Support
- 4.3.1.1.36 Engineering Support
- 4.3.1.1.37 Elevator & Escalator Support
- 4.3.1.1.38 Corrosion Control
- 4.3.1.1.39 Electrical
- 4.3.1.1.40 Safety and Security
- 4.3.1.1.41 System Integration
- 4.3.1.1.42 Final Design and Contract Document Review
- 4.3.1.1.43 Support for Planning Projects
- 4.3.1.1.44 Update Engineering Standards

4.3.2 The tasks will be differentiated essentially by urgency. Generally, the tasks can be classified into two categories:

4.3.2.1 Category I -Normal tasks are tasks which comprise the majority of the work effort. They are planned and prosecuted in accordance with established policy.

4.3.2.2 Category II - Emergency tasks requiring immediate response and quick reaction which require initiation of critical work effort based on oral guidance from the assigned COTR or the respective alternate COTR to be confirmed in writing as time permits. Category II tasks should rarely occur.

4.3.3 Additional Work Efforts: Because of the nature of the work, it may be necessary in unique situations for the GEC-FAC to obtain additional consultant support from specialty firms from time to time.

4.3.4 The consultant shall comply with equipment and personnel requirements as defined in WMATA's Manual of Technical Specifications and Requirements for System wide Surveying and Mapping Services (latest version).

4.4 Other Tasks:

4.4.1 The GEC-FAC shall participate in other tasks as required such as those listed below:

4.4.1.1 Provide follow-on professional services as required by the Authority during warranty and construction phase.

5 Quality Control Program:

5.1.1 The GEC-FAC shall develop and be responsible for executing a Quality Control (QC) Program for all Professional Services fully compliant with FTA guidelines.

5.1.1.1 This program shall require internal reviews and checks by supervisors, and independent QC compliance checks by well qualified technical staff to confirm that acceptable quality is provided. The GEC-FAC shall be responsible for signing and sealing each drawing to attest the accuracy and completeness of its contents, and to show evidence of compliance with applicable jurisdictional codes. A Quality Assurance/Quality Control (QA/QC) plan shall be submitted to the Authority for approval.

6 ADDITIONAL REQUIREMENTS:

6.1 General Requirements:

For all categories of professional services, the following items are required:

6.1.1 All services shall be in accordance with the engineering instructions furnished by the Authority.

6.1.2 Professional services shall consider employee and customer safety, life cycle costs, availability of resources, new technologies that maintain or enhance the existing system's configuration and that implementation will be accomplished in an operating system with minimal down time.

6.1.3 The use of critical and strategic materials not otherwise restricted shall be limited to the minimum amounts required consistent with materials policies. Full consideration shall be given to the use of substitute materials.

6.1.4 Specified materials and methods shall comply with the most stringent environmental criteria as defined by Federal Regulations, State of Maryland, Commonwealth of Virginia, and District of Columbia.

6.1.5 All engineering manuals, specifications and other data furnished by the Authority, as designated by the Contracting Officer, shall be returned to the Authority at the completion of the contract.

- 6.1.6** After submission of the contract plans and specifications and the quantity surveys and cost estimates, the GEC-FAC shall make any corrections thereto as may be necessary.
- 6.1.7** All final estimates of cost shall be transmitted to the CO, in envelopes marked "FOR CO EYES ONLY".
- 6.1.8** All correspondence shall be referenced to the appropriate project number. Matters relating to the contract, change proposals, billings, etc., shall be addressed and sent, in duplicate to the Contracting Officer, and the COTR Correspondence between the GEC-FAC and third parties; one copy each to the Contracting Officer and the COTR.
- 6.2** Specific Requirements:
- 6.2.1** For specific categories of GEC-FAC work the following items may be required and will be identified when the task order is approved:
- 6.2.1.1** Representation:
- During the term of this agreement, the GEC-FAC shall attend, or be represented at, meetings and conferences with officials of the Authority, governmental agencies or others interested in the work as may be directed by the Contracting Officer. All such meetings and conferences shall be made a matter of record. The GEC-FAC is responsible for preparing a memorandum stating the time and place of the meeting, the names and identification of those present, and a brief description of the matters discussed and the agreements reached. Memoranda shall be prepared immediately and mailed no more than ten days after the meeting, with two copies being sent to the COTR.
- 6.2.2** Certification:
- The GEC-FAC shall furnish the Authority with a statement signed by the Professional Engineer, Architect or Surveyor whose signature appears on the contract completed drawings, certifying that the drawing and specifications conform to WMATA design criteria and standards and the jurisdictional regulations and ordinances. The person signing must be licensed / registered in the jurisdiction where the work is to be performed.
- 6.2.3** Contract drawings and Specifications:
- 6.2.3.1** Drawing types, format and sequence are described in WMATA's design criteria and WMATA's cad manual.
- 6.2.4** Project Cost:
- 6.2.4.1** Project Cost Control:

6.2.4.1.1 The GEC-FAC shall share the responsibility as required for design cost control with the Authority. Prior to the time of the project intermediate review submittal (70% completion of design), the GEC-FAC shall use the Authority's construction budget cost and schedule as guides in the preparation of the design.

6.2.4.1.2 Task Orders may include the following language:

“Design Within Funding Limitations

(a) The Contractor is required to accomplish the design services required under task orders so as to permit the award of a contract, using standard procedures for the construction of the facilities designed at a price that does not exceed the estimated construction contract price as set forth in issued task orders. When bids or proposals for the construction contract are received that exceed the estimated price, the contractor shall perform such redesign and other services as are necessary to permit contract award within the funding limitation. These additional services shall be performed at no increase in the price of this contract. However, the Contractor shall not be required to perform such additional services at no cost to the Authority if the unfavorable bids or proposals are the result of conditions beyond its reasonable control.

(b) The Contractor will promptly advise the Contracting Officer if it finds that the project being designed will exceed or is likely to exceed the funding limitations and it is unable to design a usable facility within these limitations. Upon receipt of such information, the Contracting Officer will review the Contractor's revised estimate of construction cost. The Authority may, if it determines that the estimated construction contract price set forth in this contract is so low that award of a construction contract not in excess of such estimate is improbable, authorize a change in scope or materials as required to reduce the estimated construction cost to an amount within the estimated construction contract price set forth in issued task orders, or the Authority may adjust such estimated construction contract price. When bids or proposals are not solicited or are unreasonably delayed, the Authority may prepare an estimate of constructing the design submitted and such estimate shall be used in lieu of bids or proposals to determine compliance with the funding limitation.

(c) The estimated construction contract price for the project described in this contract is \$_____.”

6.2.4.2 Quantity Survey:

Quantity surveys shall present separate quantities for each line item itemized for individual buildings, facilities and components thereof, as directed by the Contracting Officer. The quantity surveys shall be itemized in units of work, materials and equipment, together with the amounts of the same, in accordance with a breakdown approved by the Contracting Officer. Quantity surveys shall be in sufficient detail to permit proper review and shall not include lump sum items which cannot be readily analyzed. The quantity survey for each building shall also contain a list of the square

foot areas by floors and cubages for the buildings, computed in accordance with procedures.

6.2.4.3 Cost Estimates:

6.2.4.3.1 The Engineering consultant will be tasked with providing estimates based upon the designs that are developed by the GEC. Accordingly, for most projects, WMATA anticipates incorporating estimators into project teams in the design process. Estimators should become intimately familiar with the project and are should be able to provide estimates in a timely manner to inform design decisions and enable timely issuance of contract documents. We anticipate sufficient work so that estimators will work as extensions of staff.

6.2.4.3.2 Any estimate provided by the consultant will comply with the following expectations:

6.2.4.3.2.1 The estimates must be prepared by professional estimators not affiliated with the design team

6.2.4.3.2.2 The estimates must clearly state the basis of the estimate (drawings the estimate is based upon)

6.2.4.3.2.3 The level of risk class the estimate is based upon (ASTM E2516 – 11 Standard Classification for Cost Estimate) should be clearly stated

6.2.4.3.2.4 The estimated costs are consistent with actual construction costs expected in the Washington, DC metropolitan area.

6.2.4.3.2.5 Labor is based on current prevailing wages in effect at the time of the estimate

6.2.4.3.2.6 Costs are presented in a logical manner consistent in presentation using a standard format, such as, but not limited to:

6.2.4.3.2.6.1 CSI Masterformat

6.2.4.3.2.6.2 Uniformat

6.2.4.3.2.6.3 Work item estimate

6.2.4.3.2.6.4 Defined work breakdown structure

6.2.4.3.2.7 General conditions costs should be itemized and estimated (Not merely using an arbitrary percentage) including categories for:

6.2.4.3.2.7.1 Project Management & Coordination

6.2.4.3.2.7.2 Construction Progress Documentation

6.2.4.3.2.7.3 Quality Control

6.2.4.3.2.7.4 Temporary Facilities and Controls

6.2.4.3.2.7.5 Execution and Closeout Requirements

6.2.4.3.2.7.6 Safety

6.2.4.3.2.8 All cost estimates shall include:

6.2.4.3.2.8.1 Prominently displayed descriptive title, e.g.:

6.2.4.3.2.8.1.1 "Independent Estimate - Contract No. "

6.2.4.3.2.8.1.2 "30% Preliminary Engineering Submittal Estimate for the Largo Extension"

6.2.4.3.2.8.1.3 "Conceptual Estimate for (Project Title)"

6.2.4.3.2.8.2 Name and/or number that clearly ties the estimate to a specific project, contract, change order, task order, or order for services

6.2.4.3.2.8.3 Who produced the estimate and contact information

6.2.4.3.2.8.4 The date the estimate was produced

6.2.4.3.2.8.5 Scope of the estimate (provide a short description at beginning of the estimate, or reference, or attach document(s) which describe the full scope of work).

6.2.4.3.2.8.5.1 Clearly state scope revisions in the case of a revised estimate.

6.2.4.3.2.8.6 The estimates must state the assumptions that were used in producing the estimate.

6.2.4.3.2.9 The estimates must include the assumed schedule period of construction performance

6.2.4.3.2.10 The scope and amount of any contingencies.

6.2.4.3.2.10.1 Notes as needed to explain:

6.2.4.3.2.10.1.1 The year dollars the estimate was completed in (e.g. FY05 dollars).

6.2.4.3.2.10.1.2 Escalation rate(s) that may have been applied.

6.2.4.3.2.10.1.3 Include expected dates of award, completion, and midpoint.

6.2.4.3.3 The quantity surveys shall be priced with unit costs for labor, materials and equipment, presented separately, currently prevailing in the vicinity of the project and reflecting anticipated labor conditions due to the other work in progress or contemplated in the near future. Pricing of quantity surveys shall include the pricing of square foot areas and cubage. The total amounts for each line item or other directed project components and for the project as a whole shall be computed.

6.2.4.4 Target Cost:

6.2.4.4.1 The GEC-FAC shall report to the Authority with regard to the approved Target Cost at (a) 70% completion of each project design or (b) at any time that the GEC-FAC considers that the approved Cost Target may be exceeded.

6.2.4.4.2 In the event that changes to the basic design concept of the project are recommended by the GEC-FAC, these recommendations are to be accompanied by an analysis of their effect on the approved Target Cost.

6.2.4.4.3 In the event that changes to the basic design concept are initiated by the Authority, the GEC-FAC shall promptly assess the effects of these changes on the approved Target Cost and report to the Authority.

6.2.4.4.4 All other factors which significantly influence the estimated cost of the project, and which become apparent as design progresses, are to be fully documented and the Authority is to be kept well informed.

6.2.4.4.5 If, upon completion of the design, the GEC-FAC's final estimate exceeds the current Target Cost and it is shown that the procedures described above have not been followed, the GEC-FAC shall redesign at no additional cost to the Authority the project or elements thereof, as directed by the Contracting Officer, to reduce the estimated project cost to the Target Cost level.

6.2.4.5 Design Schedule:

The design schedule will be prepared by the Authority and issued with the task order. When determining the design schedule the Authority may request input from the consultant as to recourse availability but in general the schedule will be driven by Authority priorities.

6.2.4.6 Utilities and Agencies:

6.2.4.7 Approvals:

The GEC-FAC is responsible for coordination, treatment and design of all utilities or properties owned or controlled by utilities, agencies, or private concerns within the project limits.

6.2.4.8 Review Submittal:

Project Design Review Submittals, unless otherwise required, shall be made for each separate project design contract, at approximately the conceptual, 70%, and 100% completion of design. The submittal is to include documentation verifying resolution of all comments related to the preceding review.

6.2.4.9 Reports, Calculations, Drawings and Specifications:

Copies of reports, calculations and drawing and specification sets both paper and electronic shall be described in the task order. Electronic documents will be formatted as described in individual task orders. However, as a minimum, electronic documents shall be in native format, portable document format (PDF) and rich text format (RTF).

6.2.4.10 Review Procedures:

In general, the Authority will complete the review in approximately 21 working days, after which review comments in writing and on marked-up documents will be furnished to the GEC-FAC. The GEC-FAC will meet with the Authority to discuss the review comments. Within ten (10) days after the review conference, the GEC-FAC shall deliver minutes of the conference, responding to all comments.

6.2.4.11 Review Scope:

Specifically, the review submittal shall include, but shall not be limited to, the following items:

6.2.4.11.1 Contract drawings in sufficient detail to define the design of all major elements, substantially complete and checked. Schedules of equipment and complete flow diagrams are to be included.

6.2.4.11.2 Design computations, substantially complete, indexed and checked.

6.2.4.11.3 Project specific specifications in draft form, but otherwise complete.

6.2.4.11.4 Statement of actions required of the Authority or by others which must be received to complete the design.

6.2.4.11.5 Comprehensive statement individually enumerating specific actions which are required by others to complement the design to enable construction to proceed on schedule, with particular attention to those items of construction indicated in the contract documents to be performed by others.

6.2.4.11.6 A complete and well-organized construction schedule shall be submitted showing the consultant's analysis of a probable or technically feasible construction schedule. The schedule shall be prepared to a level of detail consistent with the level of design. A narrative shall accompany the schedule explaining principal assumptions, criteria and production rates upon which the schedule is based.

6.2.4.11.7 Engineering estimates of cost of construction on the unit price schedule forms.

6.2.4.11.8 The Authority's review shall be confined to assuring that all assigned tasks were addressed. This review shall not relieve the GEC-FAC of its responsibility for complete and accurate design services.

6.2.4.12 Final Delivery of Contract Documents

6.2.4.12.1 After the review comments have been incorporated, or otherwise resolved, the GEC-FAC shall complete and submit the original contract drawings to the Authority. The original full-size contracts drawings shall be checked, bear the professional registration seal, and be signed and ready for reproduction. The original specifications, with the cover, shall be checked, bear the professional registration seals of the various disciplines responsible and ready for reproduction.

6.2.4.12.2 The Authority owns all designs, computations, evaluations, investigation reports, and other professional documents and support data produced under this contract.

6.2.4.12.3 The following additional items shall be included among the final contract documents to be submitted to the Authority:

6.2.4.12.3.1 Engineer's final estimate of construction costs together with a copy of computations and back-up sheets in a sealed envelope marked "FOR CO EYES ONLY" and submitted to the CO.

6.2.4.12.3.2 One original copy of all checked design computations, sealed by a Professional Engineer licensed in the local jurisdiction, indexed and bound.

6.2.4.12.3.3 Construction planning schedule and related documents.

6.2.4.12.3.4 Comprehensive statement individually enumerating specific actions which are required by others to complement the design to enable construction to proceed on schedule. Particular attention is to be given to those items of construction indicated in the contract documents to be performed by others.

6.2.4.12.4 Continuation of Professional Services:

As stipulated in the Provisions of the Architect-Engineer contract, the GEC-FAC shall provide follow-up engineering services as may be requested by the Authority during

the construction phase of the work for which task orders may have been issued for construction services such as shop drawing review, inspection, etc.. Such services are required to correct errors or omissions in the contract documents, to make changes in the design as directed by revisions to the criteria or standards, to adopt the design to be consistent with modifications in the construction procedure, or for other reasons. Services required to make corrections because of errors or omissions on the original contract documents shall be provided at no extra cost to the Authority; services required for revisions or modifications may be considered to be governed by the provisions of the "Changes" article in the General Provisions of the Architect-Engineer Contract specifications.

7 REPORTING PROCEDURES:

7.1 Reports:

7.1.1 The GEC-FAC shall provide periodic reports to the Authority. The following reports are required:

7.1.1.1 Task Order Status Report

7.1.1.1.1 The GEC-FAC shall submit Status Reports on all task orders to the Authority monthly. The report shall be updated and contain current information. The report shall contain the following information:

7.1.1.1.1.1 A chronological listing of task orders.

7.1.1.1.1.2 The date the task order was received.

7.1.1.1.1.3 The task order number.

7.1.1.1.1.4 The engineer (s) assigned the task.

7.1.1.1.1.5 The scheduled due date.

7.1.1.1.1.6 Any revised due date.

7.1.1.1.1.7 The task order completion date.

7.1.1.1.1.8 The current status/ next action of the task.

7.1.1.1.1.9 The amount the task was issued proposed and settled upon for each task.

End of Statement of Work

LIST OF ATTACHMENTS

ATTACHMENT	
A	UNIT PRICE SCHEDULE / BILLING RATE TABLE
B	CERTIFICATE OF CURRENT COST/PRICE DATA
C	REPRESENTATIONS AND CERTIFICATIONS
D	PRE-AWARD EVALUATION DATA FORM

APPENDIX B

ATTACHMENT A

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

March 2012

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

~ APPENDIX B

DISADVANTAGED BUSINESS ENTERPRISE (DBE)

1. DISADVANTAGED BUSINESS ENTERPRISE (DBE) REQUIREMENT:

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

2. POLICY:

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

3. CONTRACT GOAL:

- A. If the proposer is not a DBE, the proposer agrees that all DBE goals established for individual task orders shall be met by subcontractors or by joint ventures with DBEs. **The goal established for each individual task order will be a percentage of the final task order price, including amendment and modification, unless a good faith waiver is requested and approved.** The amount of DBE participation will be determined by the dollar value of the work performed and/or supplies furnished by DBE firms as compared to the total value of all work performed and/or supplies furnished under the individual task order. The Contractor shall have met this goal if the Contractor's DBE participation meets or exceeds this goal.
- B. In cases where work is added to the task order by modification such that additional DBE participation is necessary to meet this goal, the Contractor shall increase the participation of one or more firms listed on the "Schedule of DBE Participation" or submit additional DBE certified firms to meet the goal. In cases where work is deleted from the task order, the goal shall be applicable to the new Contract amount. The Contractor shall be permitted to meet the goal by revising its DBE participation, provided, however, that the revision shall not result in DBE participation that is less than the original goal.

4. DEFINITIONS:

- A. **Appendix B.** The Notice of Requirements for Disadvantaged Business Enterprise, which when attached to a solicitation, implements the DBE requirements of the Authority's DBE Program Plan in the award and administration of federally funded Authority contracts.
- B. **Certified DBE.** means a for-profit small business concern (a) that is at least 51 percent owned by one or more individuals who are both socially and economically disadvantaged or, in the case of a corporation, in which 51 percent of the stock is owned by one or more such individuals; (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individuals who own it; and (c) whose eligibility is evidenced by a current WMATA Certification letter, a D.C. Department of Transportation Certification letter, or a certification letter issued by the Metropolitan Washington Unified Certification Program (MWUCP).
- C. **Contractor.** One who participates, through a contract or subcontract (at any tier), in a US DOT assisted highway, transit or airport program.
- D. **DC DOT.** The District of Columbia Department of Transportation.
- F. **Good Faith Efforts.** Efforts to achieve a DBE goal or other requirements of the Authority's DBE Program Plan which by their scope, intensity, and appropriateness to the objective, can reasonably be expected to fulfill the goal program requirement.
- G. **Joint Venture.** An association of a DBE firm and one or more other firms to carry out a single, for-profit business enterprise, for which the parties combine their property, capital, efforts, skills and knowledge, and in which the DBE is responsible for a distinct, clearly defined portion of the work of the contract and shares in the capital contribution, control, management, risks, and profits of the joint venture commensurate with its ownership interest.
- H. **Metropolitan Washington Unified Certification Program (MWUCP).** A unified certification program mandated by 49 CFR §26.81 between two federal transit recipients (WMATA and the D.C. Department of Transportation). The agreement became effective January 2005.
- I. **Pre-certification.** A requirement under 49 CFR §26.81(c) that all certifications by the MWUCP be made final before the due date for offers on a contract on which a firm seeks to participate as a DBE.
- J. **Race-conscious.** A measure or program that is focused specifically on assisting only DBEs, including women-owned DBEs.
- K. **Race-neutral.** A measure or program that is, or can be, used to assist all small businesses. For the purposes of the DBE program, race-neutral includes gender-neutrality.
- L. **Small Business Concern.** With respect to firms seeking to participate as DBE's in US DOT assisted contracts, a small business concern as defined pursuant to Section 3 of the Small Business Act and Small Business Administration implementing regulations (13 CFR Part 121)

that also does not exceed the cap on average annual gross receipts specified in 49 CFR Part 26.65(b).

- M. **Socially and Economically Disadvantaged Individual.** Any individual who is a citizen (or other lawfully admitted permanent resident) of the United States and who the Authority finds to be a socially and economically disadvantaged individual on a case-by-case basis, and any individual in the following groups, members of which are rebuttably presumed to be socially and economically disadvantaged.
- (1) Black Americans, which includes persons having origins in any of the Black racial groups of Africa;
 - (2) Hispanic Americans, which includes persons of Mexican, Puerto Rican, Cuban, Dominican, Central or South American, or other Spanish or Portuguese culture or origin, regardless of race;
 - (3) Native Americans, which includes persons who are American Indians, Eskimos, Aleuts, or Native Hawaiians;
 - (4) Asian-Pacific Americans, which includes persons whose origins are from Japan, China, Taiwan, Korea, Burma (Myanmar), Vietnam, Laos, Cambodia (Kampuchea), Thailand, Malaysia, Indonesia, the Philippines, Brunei, Samoa, Guam, the U.S. Trust Territories of the Pacific Islands (Republic of Palau), the Commonwealth of the North Marianas Islands, Macao, Fiji, Tonga, Kiribati, Juvalu, Nauru, Federated States of Micronesia, or Hong Kong;
 - (5) Subcontinent Asian Americans, which includes persons whose origins are from India, Pakistan, Bangladesh, Bhutan, the Maldives Islands, Nepal or Sri Lanka;
 - (6) Women; and
 - (7) Any additional groups whose members are designated as socially and economically disadvantaged by the SBA, at such time as the SBA designation becomes effective.
- N. **US DOT Assisted Contract.** Any contract between the Authority and a contractor (at any tier) funded in whole or in part with US DOT financial assistance, including letters of credit or loan guarantees.
- O. **Unified Certification Program (UCP).** The program mandated by 49 CFR Part 26.81(a), which requires all U. S. DOT recipients of federal financial assistance to participate in a statewide certification program by March 2002.

- P. **WMATA.** Washington Metropolitan Area Transit Authority, the transit system (rail and bus) serving the metropolitan Washington area, including parts of Virginia and Maryland.

5. HOW DBE PARTICIPATION IS COUNTED TOWARDS THE TASK ORDER GOAL:

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

- A. When a DBE participates in a task order, only the value of the work actually performed by the DBE is counted towards the DBE goal.
- (1) This amount includes the entire amount of that portion of a construction task order that is performed by the DBE's own forces. This amount includes the cost of supplies and materials obtained by the DBE for the work of the task order, including supplies purchased or equipment leased by the DBE (except supplies and equipment the DBE subcontractor purchases or leases from the prime contractor or its affiliate).
 - (2) This amount includes the entire amount of fees or commissions charged by a DBE firm for providing a bona fide service, such as professional, technical, consultant, or managerial services, or for providing bonds or insurance specifically required for the performance of the task order, towards the DBE goal, provided the fee is reasonable and not excessive as compared with fees customarily allowed for similar services.
 - (3) When a DBE subcontracts part of its work under the task order to another firm, the value of the subcontract work may be counted towards the DBE goal only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count towards the DBE goal.
- B. When a DBE performs as a participant in a joint venture, the portion of the total dollar value of the task order equal to the distinct, clearly defined portion of the work of the task order that a DBE performs with its own forces towards the DBE goal may be counted.
- C. Expenditures to a DBE contractor towards the DBE goal may be counted only if the DBE is performing a commercially useful function on that task order.
- (1) A DBE performs a commercially useful function when it is responsible for execution of the work of the task order and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the DBE must also be responsible, with respect to materials and supplies used on the task order, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself. To determine whether a DBE is performing a commercially useful function, the Authority will consider the amount of work subcontracted,

industry practices, whether the amount the firm is to be paid under the task order is commensurate with the work it is actually performing and the DBE credit claimed for its performance of the work, and other relevant factors.

- (2) A DBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, task order, or project through which funds are passed in order to obtain the appearance of DBE participation.
- (3) If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its task order with its own work force, or if the DBE subcontracts a greater portion of the work of a task order than would be expected on the basis of normal industry practice for the type of work, the Authority will presume that the DBE is not performing a commercially useful function.

D. The following factors will be used by the Authority in determining whether a DBE trucking company is performing a commercial useful function:

- (1) The DBE must be responsible for the management and supervision of the entire trucking operation for which it is responsible for on a particular task order, and there cannot be a contrived arrangement for the purpose of meeting the DBE goal.
- (2) The DBE must itself own and operate at least one fully licensed, insured and operational truck used on the task order.
 - (3) The DBE receives credit for the total value of the transportation services it provides on the task order using trucks it owns, insures, and operates using drivers, it employs.
- (3) The DBE may lease trucks from another DBE firm, including an owner-operator who is certified as a DBE. The DBE who leases trucks from another DBE receives credit for the total value of the transportation services the lessee DBE provides on the task order.
- (5) The DBE may also lease trucks from a non-DBE firm, including an owner-operator. The DBE who leases trucks from a non-DBE is entitled to credit only for the fee or commission it receives as a result of the lease arrangement. The DBE does not receive credit for the total value of the transportation services provided by the lessee, since these services are not provided by a DBE.
- (6) The lease must indicate that the DBE has exclusive use of and control over the truck. This does not preclude the leased truck from working for

others during the terms of the lease with the consent of the DBE, so long as the lease gives the DBE absolute priority for use of the leased truck. Leased trucks must display the name and identification number of the DBE.

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

- (1) If the materials or supplies are obtained from a DBE manufacturer, 100 percent of the cost of the materials or supplies will be counted towards the DBE goal. A manufacturer is a firm that operates or maintains a factory or establishment that produces, on the premises, the materials, supplies, articles, or equipment required under the task order and of the general character described by the task order.
- (2) If the materials or supplies are purchased from a DBE regular dealer, 60 percent of the cost of the materials or supplies will be counted towards the DBE goal. A regular dealer is a firm that owns, operates or maintains a store, warehouse, or other establishment in which the materials, supplies, articles or equipment of the general character described and required under the task order are bought, kept in stock, and regularly sold or leased to the public in the usual course of business. To be a regular dealer, the firm must be an established, regular business that engages, as its principal business and under its own name, in the purchase and sale or lease of the products in question. A person may be a regular dealer in such bulk items as petroleum products, steel, cement, gravel, stone or asphalt without owning, operating, or maintaining a place of business as provided in this paragraph if this person both owns and operates distribution equipment for the products. Any supplementing of regular dealers' own distribution equipment shall be by long-term lease agreement and not on an ad hoc or contract-by-contract basis. Packagers, brokers, manufacturers' representatives, or other persons who arrange or expedite transactions are not regular dealers within the meaning of this paragraph.
- (3) With respect to materials or supplies purchased from a DBE which is neither a manufacturer nor a regular dealer, the entire amount of fees or commissions charged for assistance in the procurement of the materials and supplies, or fees or transportation charges for the delivery of materials and supplies required on a job site, may be counted towards the DBE goal, provided the fees are reasonable and are not excessive as compared with fees customarily allowed for similar services. The cost of the materials and supplies themselves may not be counted towards the DBE goal.

F. All DBE firms must be pre-certified. Participation by a firm that is not currently certified as a

DBE by the Authority at the time of the due date for offers on a task order, does not count towards the DBE goal. All DBE firms must be in compliance with 49 CFR, Part 26.

- G. The dollar value of work performed under the task order by a firm who has been decertified as a DBE by the MWUCP does not count towards the DBE goal.
- H. The participation of a DBE subcontractor does not count towards the Contractor's DBE goal until the amount being counted towards the goal has been paid to the DBE.

6. PROPOSAL REQUIREMENTS (WITH THE PROPOSAL):

The proposer shall submit the following with its proposal. Any proposer who fails to complete and return this information with its proposal shall be deemed to be not responsive and may be ineligible for task order award. Proposers that fail to meet the DBE goal above and fail to demonstrate "good faith efforts" to justify waiver of the DBE goal (see paragraph 6.C. below) shall be deemed to be not responsible and will be ineligible for Task order award.

- A. Completed "Schedule of DBE Participation" (Attachment B-1) sufficient to meet the above goal. If the proposer is a DBE firm and intends to satisfy the appropriate DBE requirement with its own firm, it must indicate in the Schedule the area of work and percentage it will perform to satisfy the goal. All proposers must attach current WMATA, DC DOT or MWUCP certification letters for each DBE listed on the Schedule.
- B. Executed "Letters of Intent to Perform as a Subcontractor/Joint Venture" (Attachment B-2). If the proposer is not a DBE or intends to satisfy the requirements through other DBE firms, then it must attach these letters from each certified DBE listed on the Schedule.
- C. Justification for grant of relief (Appendix B waiver of DBE goal). If in the submittal of its proposal, the proposer fails to meet the DBE goal above, the proposer has the burden of furnishing sufficient documentation with its proposal of its "good faith efforts" to justify a grant of relief (waiver) from the goal or portion of the goal. Such justification shall be in the form of a detailed report. The following is a list of actions which shall be considered as part of the proposer's good faith efforts to obtain DBE participation. This list is neither a mandatory checklist nor is it intended to be exclusive or exhaustive. Other factors or types of efforts may be relevant in appropriate cases:
 - (1) Soliciting through all reasonable and available means (e.g. attendance at pre-proposal meetings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the task order. The proposer must solicit this interest within sufficient time to allow the DBEs to respond to the solicitation. The proposer must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.
 - (2) Selecting portions of the work to be performed by DBEs in order to

increase the likelihood that the DBE goal will be achieved. This includes, where appropriate, breaking out task order work items into economically feasible units to facilitate DBE participation, even when the prime contractor might otherwise prefer to perform these work items with its own forces.

- (3) Providing interested DBEs with adequate information about the plans, specifications, and requirements of the task order in a timely manner to assist them in responding to a solicitation.
- (4)
 - (a) Negotiating in good faith with interested DBEs. It is the proposer's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work. "DBE Unavailability Certifications" (Attachment B-3) shall be completed as appropriate.
 - (b) A proposer using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's price and capabilities as well as the task order goal into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in itself sufficient reason for a proposer's failure to meet the task order DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime contractor to perform the work of a task order with its own organization does not relieve the proposer of the responsibility to make good faith efforts. Prime contractors are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.
- (5) Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations (for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of proposals in the contractor's efforts to meet the project goal.
- (6) Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

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

7. PROPOSAL REQUIREMENTS (APPARENT SUCCESSFUL PROPOSER):

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

- A. A copy of a current WMATA, D.C. DOT or MWUCP certification letter(s) shall be attached to the DBE Schedule of Participation to evidence DBE pre-certification.
- B. DBE Manufacturer's Affidavit, if applicable, must be submitted in order to receive 100 percent of the allowable credit for expenditures to DBE manufacturers/suppliers (Attachment B-4). By submission of this Affidavit, the proposer certifies this it is satisfied that the manufacturer meets the requirements of 49 CFR Part 26.
- C. Schedule B Information for Determining Joint Venture Eligibility, if applicable (Attachment B-5, pgs. 1, 2, 3, 4). Submittal shall be signed by all parties, dated and notarized.
- D. Copy of Joint Venture Agreement, if applicable. Submittal shall be signed by all parties, dated and notarized.
- E. Certification letter of the DBE regular dealer/supplier, if applicable. If the proposer wants to receive the maximum allowable credit of its expenditures for material(s) or supplies required under the Task order, from DBE regular dealers/suppliers, the DBE must submit a signed and notarized statement on their letterhead, that they are a regular dealer of the material(s) or supplies. By submission of this statement, the proposer certifies that it is satisfied that the subcontractor is a regular dealer/supplier that meets the requirements of 49 CFR Part 26.
- F. For Design-Build contracts, if a DBE goal is specified in Section 00872, DBE GOAL REQUIREMENTS, the proposer shall submit with its initial Price Proposal a list of DBE-certified firms that it intends to enter into subcontract agreements with for this Contract. If no goal is specified in Section 00872 of the solicitation and the proposer still intends to utilize DBEs in the performance of this Contract, the proposer shall submit with its initial Price Proposal a list of those DBE-certified firms. The documentation requirements of Section 00453 of the

solicitation shall be completed and submitted at the time set forth for the submittal of Best and Final Offer (BAFO) to the Authority for any Contract in which a DBE goal is applicable or for any Contract in which there was no goal established, but the proposer identified DBE-certified firms that it intends to enter into subcontract agreements with in its initial Price Proposal. Any proposer who fails to complete and return the following information, if applicable, with their BAFO Price Proposal may be deemed to be not responsible and may be ineligible for contract award. Proposers that fail to meet the DBE goal, if any, specified in Section 00872 and fail to demonstrate a good faith effort and to justify waiver of the DBE goal may be deemed to be not responsible and may be ineligible for contract award.

8. CONTRACT ADMINISTRATION REQUIREMENTS:

The following requirements apply after contract award:

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

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

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

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

- C. The Contractor shall have a continuing obligation to maintain a schedule for participation by DBE contractor(s) to meet its goal set forth above in this Appendix. The Contractor shall not have work performed nor the materials or supplies furnished by any individual or firm other than those named in the

“Schedule of DBE Participation.” If at any time, the Contractor believes or has reason to believe that it needs to obtain a substitute for a DBE contractor named in the “Schedule of DBE Participation”, the Contractor shall, within ten (10) days, notify the contracting officer and the DBE office of that fact in writing. Situations which may warrant substitution for a DBE firm include, but are not limited to the following:

- (1) Evidence of change in ownership or circumstances regarding the firm’s status as a DBE.
- (2) Death or physical disability, if the named subcontractor or DBE partner of the joint venture is an individual.
- (3) Dissolution, if a corporation or partnership.
- (4) Bankruptcy of the subcontractor, subject to applicable bankruptcy law, and only instances where the bankruptcy affects the Contractor’s ability to perform.
- (5) Inability to furnish a reasonable performance or payment bond, if required.
- (6) Inability to obtain, or loss of, a license necessary for the performance of the particular category of work.
- (7) Failure or inability to comply with a requirement of law applicable to contractors and subcontractors on a construction, alteration or repair project.
- (8) Failure or refusal to execute the subcontract in accordance with the terms of an offer submitted to the Contractor prior to the Contractor’s submission of its proposal, but only where the contracting officer or other delegated authority’s representative can ascertain with reasonable certainty the terms of such offer. In the absence of any other factors, such a failure or refusal will be considered an unusual situation only if the proposer obtained, prior to proposing, an enforcement commitment from the subcontractor involved.
- (9) Failure to comply with the terms and conditions of this Contract or those of its subcontract or joint venture agreement.

Within 30 days thereafter, the Contractor shall, if necessary to achieve the Appendix B goal, make every reasonable effort to subcontract the same or other work equivalent in value to other certified DBE firms. The Contractor must have the prior written approval of the contracting officer and the DBE office before substitution for a DBE subcontractor, regardless of the reason for substitution. Failure to obtain Authority

approval could result in the Authority declaring the Contractor ineligible to receive further Authority contracts for three years from the date of the finding.

- D. The contractor shall forward copies of all subcontracts to the DBE office at the time of their execution.
- E. If the contracting officer or other delegated authority's representative determines that the Contractor has failed to comply with this Appendix B, he/she will notify the Contractor of such non-compliance and the action to be taken. The Contractor shall, after receipt of such notice, take corrective action. If the Contractor fails or refuses to comply promptly, the contracting officer or other delegated authority's representative may issue a "stop work order" stopping all or part of the work until satisfactory corrective action has been taken. No part of the time lost due to any such stop work order shall be made the subject of claim for extension of time or for excess costs or damages by the Contractor. When the Authority proceeds with such formal actions, it has the burden of proving that the Contractor has not met the requirements of this Appendix, but the Contractor's failure to meet its Appendix B goal shall shift to it the requirement to come forward with evidence to show that it has met the good faith requirements of this Appendix. Where the Contractor, after exhausting all its administrative and legal remedies and procedures is found to have failed to exert a "good faith effort" to involve DBE's in the work as herein provided, the Authority may declare the Contractor ineligible to receive further Authority contracts for three years from the date of the finding.
- F. The Contractor agrees to cooperate in any studies or surveys as may be conducted by the Authority which are necessary to determine the extent of the Contractor's compliance with this Appendix.
- G. The Contractor shall keep records and documents for two years following performance of this Contract to indicate compliance with this Appendix. These records and documents, or copies thereof, shall be made available at reasonable times and places for inspection by any authorized representative of the Authority and will be submitted upon request together with any other compliance information which such representative may require.
- H. If the Authority, the FTA or the US DOT has reason to believe that any person or firm has willfully and knowingly provided incorrect information or made false statements regarding the DBE Program, the matter shall be referred to the WMATA's DBE office.
- I. Failure by the Contractor to carry out the requirements of this Appendix is a material breach of this Contract, which may result in the termination of this Contract under the Default provision of this Contract or such other remedy as the Authority deems appropriate.

SUMMARY OF SUBMITTALS

With the Task order Proposal

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

Task order Proposal Requirements (Apparent Successful Proposer)

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

After Contract Award

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

SUBMIT WITH PROPOSAL
SCHEDULE OF DBE PARTICIPATION

Contract No. _____

Name of Proposer

Project Name _____

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

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

_____ **Signature of Contractor Representative**

_____ **Title**

M 23.26a (Rev 02/12) _____ **Date**

Contract Number: _____

Project Name: _____

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

TO: _____
(Name of Proposer)

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

_____ an individual _____ a corporation
_____ a partnership _____ a joint venture

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

at the following price: \$ _____

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

Name of DBE Subcontractor/Joint Venture

Phone Number

Address

WMATA Vendor ID #/DBE Cert. #

Signature & Title

Date

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

To: _____
(Name of DBE)

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

**WORK
ITEMS**

PROJECTED DBE
COMMENCEMENT
DATE

PROJECTED DBE
COMPLETION
DATE _____

(Date)

(Name of Prime Contractor &
Acceptance Signature)

SUBMIT WITH PROPOSAL

DBE UNAVAILABILITY CERTIFICATION

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

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

DBE Contractor

*Work Items
Sought*

*Form of Proposal Sought (i.e., Unit Price, Materials and Labor
Only, Etc.)*

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

Signature: _____

Date: _____

_____ was offered an opportunity to propose on the above
(Name of DBE Contractor)
identified work on _____ by _____.
(Date) *(Source)*

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

(Signature of DBE Contractor)

(Title)



23.25 (Rev 10/99)

DBE Certification Instructions

Important Notice

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

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

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

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

Instructions

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

General (All firms must submit documents under General)

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

Corporations

- Articles of Incorporation
- By-Laws
- Stock Ownership Options
- Copy of Stock Certifications of Each Holder
- Copy of Voting Rights
- Record of First Organizational Meeting

Partnerships

- Partnership Agreement

Proprietorships

- IRS Employer ID Number
- WMATA Vendor ID#

Limited Liability Companies

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

Change of Status Review

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

Affidavit Enclosure

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

DBE MANUFACTURER'S AFFIDAVIT

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

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

Equipment

Type	Function	Model	Age	Make
------	----------	-------	-----	------

Number of employees involved in the manufacturing process: _____

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

Signature of Affiant Printed Name

Date: _____ State: _____ County: _____

On this _____ day of _____, 19 _____,

before me appeared _____
(Name)

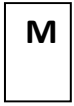
to me personally known, who, being duly sworn, did execute the foregoing Affidavit, and did state that he or she was properly authorized by _____
(Name of Firm)

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

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

Commission Expires: _____

23.29 (10/99)



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

Contact Person: _____ *Telephone:* _____

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

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

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

Contact Person: _____ *Telephone:* _____

Status of firm: DBE. Non-Minority.

Does firm have current WMATA, DC DOT or MWUCP DBE certification? Yes No

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

Contact Person: _____ *Telephone:* _____

Status of firm: DBE. Non-Minority.

Does firm have current WMATA, DC DOT or MWUCP DBE certification? Yes No

.....
Describe the nature of the Joint Venture business:

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

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

.....

Information For Determining Joint Venture Eligibility

Page 2

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

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

TOTALS:

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

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

Name: _____ Race: _____

Title: _____ Sex: Male Female

Company affiliation: _____

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

Name: _____ Race: _____

Title: _____ Sex: Male Female

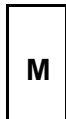
Company affiliation: _____

3. Supervision of field operations:

Name: _____ Race: _____

Title: _____ Sex: Male Female

Company affiliation: _____



23.06c (Rev 10/99)

Information For Determining Joint Venture Eligibility

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

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

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

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

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

.....
...

23.29 (10/99)



Information For Determining Joint Venture Eligibility

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

On this _____ day of _____, 19____,

before me appeared _____
(Name)

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

(Name of Firm)
to execute the Affidavit and did so as his or her free act and deed.

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

Commission Expires: _____

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

On this _____ day of _____, 19____,

before me appeared _____
(Name)

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

(Name of Firm)
to execute the Affidavit and did so as his or her free act and deed.

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

Commission Expires: _____

Washington Metropolitan Area Transit Authority

DISADVANTAGED BUSINESS ENTERPRISE (DBE)
MONTHLY PROMPT PAYMENT REPORT

PRIME – CONTRACTOR’S REPORT

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

Contract No.: _____ Reporting Period: _____

Name of Prime Contractor: _____ DBE – Yes or No

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

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

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

By: _____ Title: _____ Date: _____

Washington Metropolitan Area Transit Authority

DISADVANTAGED BUSINESS ENTERPRISE (DBE)
MONTHLY PROMPT PAYMENT REPORT

SUBCONTRACTOR'S REPORT

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

Contract No.: _____ Reporting Period: _____

Name of Subcontractor: _____ DBE – Yes or No

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

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

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

By: _____ Title: _____ Date: _____

THIS PAGE NOT USED