

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

**RFP Questions and Responses**

**STATUS DATE: JUNE 25, 2015**

<b>Q#</b>	<b>Questions</b>	<b>WMATA Responses or Clarifications</b>
1	I've reviewed your notice for this project and cannot quite determine if there is any actual track work to be performed. Could you provide some guidance on this issue? We also have a large fleet of hi-rail vehicles and track repair equipment that may be needed by other crafts in performing their work.	There is no laying of track. If you require further clarification provide very specific work items so we can answer as accurately as possible.
2	Do you know who are the Prime bidders on this? Are the plans available?	WMATA does not have the plan holders list. Pre-Proposal Conference and Site Visits attendees list will be publicized on <a href="http://www.wmata.com">www.wmata.com</a> before May 8, 2015.
3	We were unable to download the .dwg, .pc3 and .stb files from Volume 7 for this solicitation. Please advise.	Use Autocad software to download these files.
4	We are experts in refurbishment and design of metro systems. I am in Washington, today and tomorrow. Could I visit you tomorrow, at your convenience to discuss your refurbishment for Red Line at WMata.	Refer to <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a> for the information on Pre-Proposal Conference which represents a networking opportunity.
5	The solicitation lists the Preproposal as May 4 but does not give a time. Is it in the morning to allow time for the afternoon site visit? The solicitation says "Attendees shall bring PPE and an approved safety." Approved safety "what"?	Refer to the Synopsis following the link <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
6	We could provide MBE/DBE trucking services for this project. What should I do in order to let the prime contractors know?	Refer to <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a> for the information on Pre-Proposal Conference which represents a networking opportunity.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

7	I would like to obtain a copy of the bidders list for the above referenced project.	WMATA does not have the plan holders list. Pre-Proposal Conference and Site Visits attendees list will be publicized on <a href="http://www.wmata.com">www.wmata.com</a> before May 8, 2015.
8	Is there an address for the site visit? 2) What day is the 2nd site visit scheduled for and what time?	Refer to the Synopsis here <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
9	We are a DBE firm specialized in tunnel Ventilation and facilities Design.  Is it possible that we could have a conference call today, so I can talk to you, so we can identify our chances and possibility of being a DBE to the awarded firm of this contract.	Refer to <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a> for the information on Pre-Proposal Conference which represents a networking opportunity.
10	It bid like 2 weeks ago and is supposed to start in June I believe?	RFP FQ15093 was publicized on April 16, 2015 and Proposals are due on June 19, 2015. Refer to SECTION 00100, REQUEST FOR PROPOSAL.
11	Does this project have need for A/E design services, or have they been done already?	The Project requires A/E Services for Design-Build part of the Work. Refer to RFP Technical Specifications for design-build part of the Work in Volume 2 and to RFP Drawings for design-build part of the Work in Volume 3
12	Please see below, these files contain errors and the files couldn't be downloaded. Could you please assist me with them?  <div data-bbox="310 998 886 1226" style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Volume 6 Parts 4 - WMATA Manual of Design Criteria-6.pdf  Volume 7 - DWG To PDF (1).pc3  Volume 7 - WMATA Border_22x34-logo MD.dwg  Volume 7 - WMATA Coversheet_22x34.dwg  Volume 7 - WMATA Coversheet_22x34.txt  Volume 7 - WMATA LOGO Coversheet.dwg</p> </div> <div data-bbox="310 1234 1012 1502" style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Volume 7 - Aec Standard (1).stb  Volume 7 - WMATA 2014 CAD Standards.pdf  Volume 7 - WMATA Full Size.ctb  Volume 7 - DC_License_Arch_Stamp.dwg  Volume 7 - DC_License_PE_Stamp.dwg  Volume 7 - MD_License_Arch_Stamp.dwg  Volume 7 - MD_License_PE_Stamp.dwg  Volume 7 - VA_License_Arch_Stamp.dwg  Volume 7 - VA_License_PE_Stamp.dwg  Volume 7 - WMATA LOGO Titlebk.dwg  Volume 7 - WMATA Titleblock_22x34.dwg</p> </div>	Use Autocad software and Adobe Acrobat Reader to download these files.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

13	Could you kindly confirm if the pre-bid conference for the contract FQ15093 – Red Line Rehabilitation between Friendship Heights and Grosvenor is still on for Monday, May 4th? Much appreciate it.	Pre-Proposal Conference is on Monday, May 4, 2015. Refer to the Synopsis here <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
14	Is there a pre-registration form to attend the pre-proposal meeting?	No registration forms required. Individuals that plan to attend the pre-proposal conference and site visit are requested to send an email by COB on April 30, 2015 to <a href="mailto:ggufranova@wmata.com">ggufranova@wmata.com</a> with their name, company name, mailing address, telephone number and email address for each attendee. Refer to the Synopsis here <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
15	Do we need to sign up or do we just show up?	Individuals that plan to attend the pre-proposal conference and site visit are requested to send an email by COB on April 30, 2015 to <a href="mailto:ggufranova@wmata.com">ggufranova@wmata.com</a> with their name, company name, mailing address, telephone number and email address for each attendee. Refer to the Synopsis here <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
16	The RFP does not discuss any LEED requirements. Please confirm none are required.	LEED requirements do not apply to this RFP.
17	The RFP does not discuss the need for a computational fluid dynamics (CFD) analysis. Please confirm if WMATA has already prepared one or if an analysis is not required.	A computational fluid dynamics (CFD) analysis is not required for this RFP.
18	The RFP indicates discusses VECPs, but the language seems to be geared toward a post award condition. Please confirm if VECPs are permitted prior to award and can include parts 1 through 4 of the RFP	Value Engineering Change Proposals (VECP) for this Project cannot be submitted with the Proposal for any parts of the work. The Proposer must adhere to the technical evaluation requirements as set forth in Section 00200 INSTRUCTIONS TO PROPOSERS. VECP can be submitted during the performance of the Contract in accordance with Section 00721 VALUE ENGINEERING INCENTIVE.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

19	Specification 01111, section 1.04.A discusses the responsibilities of the Designer and indicates that the design, "...shall serve as the Architect of Record and the Engineers of Record for the project." Since the designs for Parts 1 through 4 have been prepared by others, it's assumed the Architect and Engineers of Record will only serve in those roles for Parts 5 and 6 or for any designs developed by the Designer. The original Designer for Parts 1 through 4 shall serve as the Architects/Engineers of Record for those parts.	Your assumption is correct.
20	No erosion and sedimentation control plans were provided with the RFP. Please confirm whether erosion and sedimentation control plans are required.	Depending on the Proposer's means and methods, erosion and sedimentation control plans may be necessary. The Proposer must comply with federal, state and local laws and regulations including the permitting jurisdiction. Examples of potential areas where Proposer's means and methods may deem erosion and sedimentation control plans necessary are for loading, offloading, and staging/lay down areas underneath the Grosvenor Aerial Structure and in the vicinity of the "Area near Portal" on MD RT355 SB. Refer to Clause 1.05 EROSION AND SEDIMENT CONTROL of Section 01570 TEMPORARY CONTROLS.
21	Specification 01111 section 1.04.E.1.a indicates that the Design Engineering Manager needs to be a Professional Engineer with a Graduate degree. None of the other key staff positions require a graduate degree. Please confirm if this is accurate or if an undergraduate degree along with the noted experience would be sufficient.	Amendment 1 will revise Clause 1.04.E.1(a) of Section 01111 DESIGN-BUILDER KEY STAFF to: "A registered Professional Engineer licensed to practice engineering in all jurisdictions where the Project will be constructed, shall have a graduate or undergraduate degree in engineering with a minimum of 15 years' experience in design and design management of complex multi-discipline projects in the transit industry".
22	Specification 01111 section 1.04.E.1.a indicates that the Design Engineering Manager needs to be a Professional Engineer. On similar projects where a multidisciplinary approach is required for the construction of building/station components, an Architect often leads the design team. Please confirm this position needs to be a professional engineer and cannot be a licensed Architect.	The Design Engineering Manager needs to be a Professional Engineer as stated in Clause 1.04.E.1(a) of Section 01111 DESIGN-BUILDER KEY STAFF. A Licensed Architect is not an acceptable substitution for this requirement.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

23	Specification 01112 identified stormwater management (for example see section 1.06.D.1.c). None of the design plans show any stormwater management facilities or calculations. Please indicate where this is anticipated as it's not clear from the RFP documents.	The design for Parts 1-4 does not provide for storm water management since the assumption is the Proposer would disturb less than the threshold for requiring storm water management. The Proposer shall comply with federal, state and local laws and regulations including the permitting jurisdiction. Refer to Clauses 1.06.D.1.(c); 1.06.E.1(c); 1.06.F.1(c) of Section 01112 DESIGN AND PROGRAM REQUIREMENTS.
24	Specification 01112 indicates it's only applicable to Parts 5 and 6 of the RFP. 1.06.D.4.c indicates the need for a traffic impact analysis. Parts 5 and 6 do not appear to need a traffic impact analysis. Please confirm an analysis for each location is required.	The proposer shall comply with all the federal, state and local laws and regulations including the permitting jurisdiction. Refer to Clause 1.02 of Section 01112 DESIGN AND PROGRAM REQUIREMENTS.
25	Specification 01112 section 1.06.D.5.j lists the need for public meeting presentation materials. How many public meetings are anticipated for the project?	Public meeting presentation materials will not be required for this RFP. Clause 1.06.D.5.(j) of Section 01112 DESIGN AND PROGRAM REQUIREMENTS will be revised in Amendment 1.
26	Is the Design-Build team expected to participate in any public meetings?	Refer to Section 00893 COMMUNITY OUTREACH
27	Specification 01570 section 1.08 discusses Construction Noise Control. How often does the contractor need to take a measurement to confirm compliance with the indicated noise levels.	Noise level measurement frequency and intervals must be performed in accordance with local jurisdictional ordinances and codes and in accordance with federal, state and local laws and regulations. Refer to Clause 1.08 of Section 01570 TEMPORARY CONTROLS.
28	In the contract specifications, under Section 01110 – Summary of Work for Bethesda Station (p 263 of PDF) the table states for the Mezzanine Structure that the concrete above the mezzanine metal deck is future work not in this contract. Under Section 01112 - Design and Program Requirements (p 291 of PDF) the General Structural statement of work includes the design of the mezzanine composite slab. Under section 6K the slab is also included. Please clarify the extent of the contact in regards to the mezzanine slab.	Table 01110-01: "Summary of Option 1B Construction" of Section 01110 SUMMARY OF WORK will be revised in Amendment 1. The structural slab concrete above the mezzanine metal deck is required to be constructed as part of this RFP. The topping slab and tiles above the structural slab shall be designed under this RFP but will be constructed under a future contract. Refer to Clause 1.07.C(2) of Section 01112 Design and Program Requirements.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

29	Note 4 on sheet T-E-100 states to replace deteriorated cable supports and clean cables from calcification build up. However, this designation is called out where only one activity specifically is mentioned. Should supports be replaced and cables be cleaned everywhere Note 4 is called out?	Note 5 on drawing T-E-100, Note 4 on drawings T-E-101 through T-E-108 and Note 6 on drawing T-E-109 state to replace deteriorated cable supports and clean cables from calcification build up. Specific length of tunnel locations for these notes are marked, however to quantify numbers of cable supports and areas of heavy calcification build up removal, WMATA will issue a revised Section 00434 PRICE PROPOSAL SCHEDULE in the future Amendment. These items will be changed from a lump sum item to unit price items with estimated quantities.
30	Per the schematic diagram for load centers on drawing no. T-E-500, the spacing between load centers is approximately 800'. On drawing no. T-E-105, there is a load center at ~407+87 with the next load center at ~421+93. Please advise whether or not another load center shall be added.	Volume 3 "RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work" include reference drawings (as built) Rockville Route Drawing No. FA11-E-10 & M334-158 (PDF Page #404 of 723) of this tunnel area and show an existing Load Center at Sta 415+96. This Load Center is not shown on Drawing T-E-105 at Sta 415+96 which is an error/omission in the RFP Drawings for construction part of the Work. This existing Load Center at Sta 415+96 is to be replaced as part of this Work and is to be included in Proposer's quantifications for replacement. Revised drawing T-E-105 will be issued in the future Amendment.
31	Only 1 of the reference plans on sheet T-E-001 is included in the documents, can you please provide the others	Reference drawings listed on sheet T-E-001 are missing from Volume 3 "RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work". Reference drawings listed on sheet T-E-001 will be provided in Amendment 1.
32	Note 17 on sheet A10-E-001 references sheet MM-A-E26, this cannot be found in the contract documents, please provide this plan sheet.	Drawing MM-A-E26 is missing from Volume 3 "RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work". Drawing Numbers MM-A-E21, E22, E24, E26, E29 will be provided in Amendment 1.
33	Should ETS A111 be located on the next tunnel wall west on sheet T-E-105?	ETS A111 shall be located on the next tunnel wall west on sheet T-E-105. Revised drawing T-E-105 will be issued in the future Amendment.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

34	Please provide the reference plans listed in construction note 27 on sheet T-E-001	Reference plans listed in construction note 27 on sheet T-E-001 are missing from Volume 3 "RFP Drawings for construction part of the Work and RFP Drawings for design-build part of the Work." Reference plans listed in construction note 27 on sheet T-E-001 will be provided in Amendment 1.
35	Please verify whether the recessed ETS's are supposed to be replaced or not from sheet T-E-100 to T-E-113.	All ETS's (ETS Box#83 through Box#156) are to be replaced per plan note 4 on drawing T-E-100, plan note 3 on drawing T-E-101-108, plan note 5 on drawing T-E-109, plan note 2 on drawings T-E-110-111-112, plan note 1 on drawing T-E-113. All ETS boxes are identified with a legend however some drawings do not mark reference note number, refer to details on sheet T-E-501 for the ETS box numbers associated with which specific mounting configuration.
36	Would you please let me know where I can view bid doc's for the Red Line Metrorail system from Friendship Heights to Grosvenor- Strathmore Station project?	The RFP can be found at this link <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>
37	There seems to be something wrong with the link we received on Friday to download the RFIs. I was able to open it on Friday, but not any more, can you please re-send it?	All RFIs will be posted on <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a> Direct link for RFIs as of 5-1-2015 is: <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/RFI%205-1-2015.pdf">http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/RFI%205-1-2015.pdf</a>
38	We are a Post-Tensioning (PT) supplier and installer based in Sterling, VA. Our bonded PT system has been widely utilized in the US on highway, railway and heavy civil applications. We are currently approved with the Florida DOT, which is the leading and most stringent specification for PT systems. Our system would meet section 03380 of these specifications. We are requesting that WMATA list Freyssinet as an alternate pre-approved PT system on this project in addition to the 3 other systems already listed (VSL, SDI, DSI). See pages 14 and 15 of section 03380 of the technical specifications.	Clause 2.02 of Section Section 03380 Post-Tensioned Concrete will be revised accordingly in Amendment 1 to include your company in the list of pre-approved companies to provide post tensioning systems for this Project.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

39	Can you also tell me if the bid date has changed?	WMATA plans to issue an Amendment within 15-20 business days that will revise the dates for Weekend Single Tracking Access and Total Shutdown Access, i.e. clause 1.07.I (1), (2) of Section 01141 ACCESS TO SITE and will revise Proposal due date to about July 24, 2015 in Section 00100 Request for Proposal to Volume 1 Contract Specifications.
40	Can WMATA consider having a two DBE goal formula for this RFP? The design portion should have a separate DBE goal in itself and the construction portion should have a DBE goal also by itself. This is a huge job and it allows for a goal on both portions and give Black, minority and women DBE more opportunities. Can the WMATA DBE office check with the US DOT FTA office about why and how the Miami-Dade County Florida government used a Black goal on the "Earlington Heights Station" back during the Cuban influx the early 80's? That federal grant recipient was allowed to have a Black DBE goal during this period and I believe that WMATA can also apply for such usage of a Black DBE goal on this and other WMATA projects due to white women DBE firms receiving more work that Black DBE firms. The State of Md who receives USDOT funding allows for a MBE goal let's say of 15% then they break that goal out into let's say 10% for African Americans and 5% for Women. If it is legal for Maryland to break out goals into race/gender categories and parts of the WMATA system are in Md., then why can't WMATA use the same principle? Will WMATA risk Management office re-consider using a Wrap Around Insurance program for this contract. It is a big help for subs and makes the primes job easier?	Currently, WMATA sets an overall DBE goal on a contract by contract basis. Design-Build is not an exception. WMATA follows FTA and DOT rules and regulations for setting DBE goals. Please refer to <a href="http://www.wmata.com/pdfs/business/DBE%20Methodology%207.30.2013.pdf">http://www.wmata.com/pdfs/business/DBE%20Methodology%207.30.2013.pdf</a> for clarification. WMATA does not currently have in place a "Controlled Insurance Program" (CIP).
41	Here is the message I get (see below) when I try to download the Volume 7 material from the RFP on the WMATA web site. Can you help with this?	Files were reposted on www.wmata.com. Autocad software must be used to view Volume 7 material.
42	We are a certified DBE contractor, supplier as a regular dealer .I would like a pre bid list if possible for we can reach out to the GC to offer our service to them as a DBE	WMATA does not have the plan holders list. Pre-Proposal Conference and Site Visits attendees list is publicized on www.wmata.com. The list can be downloaded from <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/FQ15093%20PreProposal%20and%20Site%20Visit%20Attendees.pdf">http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/FQ15093%20PreProposal%20and%20Site%20Visit%20Attendees.pdf</a>



**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

43	<p>I am unable to download the following Volume 7 files: Volume 7 - DWG To PDF (1).pc3; Volume 7 - WMATA Border_22x34-logo MD.dwg          Volume 7 - WMATA Coversheet_22x34.dwg          Volume 7 - WMATA LOGO Coversheet.dwg          Volume 7 - Aec Standard (1).stb          Volume 7 - WMATA Full Size.ctb          Volume 7 - DC_License_Arch_Stamp.dwg          Volume 7 - DC_License_PE_Stamp.dwg          Volume 7 - MD_License_Arch_Stamp.dwg          Volume 7 - MD_License_PE_Stamp.dwg          Volume 7 - VA_License_Arch_Stamp.dwg          Volume 7 - VA_License_PE_Stamp.dwg          Volume 7 - WMATA LOGO Titlebk.dwg          Volume 7 - WMATA Titleblock_22x34.dwg</p> <p>When I tried to download these files, I received an error message that stated "Failed – No File". I am able to view these type of files, but it appears that they are not linked to the hyperlink on the WMATA site.</p>	<p>Files were reposted on <a href="http://www.wmata.com">www.wmata.com</a>. Autocad software must be used to view Volume 7 material.</p>
44	<p>My question to you is when is the potential start date for job completion as well as referring to your documents, what's the next course of action needed by to abide by contract produce.</p>	<p>Refer to Section 00103 Project Solicitation Schedule to Volume 1 Contract Specifications.</p> <p>If you intend to submit a Proposal, please refer to the RFP on all the WMATA requirements  <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304">http://www.wmata.com/business/procurement_and_contracting/solicitations/view.cfm?solicitation_id=3304</a>.</p> <p>If you intend to work as a Subcontractor, you will need to contact the potential Proposers. List of Pre-Proposal Conference and Site Visit Attendees can be downloaded from this link  <a href="http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/FQ15093%20PreProposal%20and%20Site%20Visit%20Attendees.pdf">http://www.wmata.com/business/procurement_and_contracting/solicitations/uploads/FQ15093%20PreProposal%20and%20Site%20Visit%20Attendees.pdf</a></p>
45	<p>Could you kindly send us the pdf copy of the volume 7 you just posted? In the field office we do not have the AutoCAD software to access this. Thanks and much appreciate the help.</p>	<p>Autocad Files in Volume 7 are needed for Design work during the performance of the Contract in order to comply with WMATA Computer-Aided Drafting (CAD) Standards Manual. If you intend only to view the files, Autocad Viewer can be used.</p>
46	<p>Please provide as-built information regarding the existing roof and skylight construction for Grosvenor-Strathmore Station Canopy and Mezzanine Roof</p>	<p>Refer to Amendment 1.</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

47	<p>Section 02220, Section 3.01 Demolition states to salvage granite platform edge slabs and deliver to location designated by the Authority. However Section 4415, Section 3.02D indicates we are to reuse as much of the stone as possible. Please clarify WMATA's intent for the Granite.</p>	<p>Clause 3.02.D of Section 04415 GRANITE will be revised in Amendment 2 as follows: <i>"Remove all existing granite edge stone from platform in accordance with Section 04415 and replace all with new granite edge stone per Section 04415 and the Contract Drawings. Salvage all granite edge stone where possible for WMATA future maintenance use and load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges."</i> Clause 3.01.C of Section 02220 DEMOLITION will be revised in Amendment 2 as follows: <i>"Salvage granite platform edge slabs where possible and glass lenses load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges."</i></p>
48	<p>Volume 1, Specification 01110.1.02.I.4.a states "Remove and salvage granite edges if not damaged and return to Authority. Remove and dispose of damaged granite edges. Provide new granite edges for the length of the platform." Drawings Sheets M1272 -144 and 145 show individual damaged granite pieces to be replaced. Is it the intent of the authority for the contractor to furnish only the pieces of granite shaded on said sheets or to furnish all new granite for the complete station?</p>	<p>Clause 1.02.I (4) of Section 01110 SUMMARY OF WORK will be revised in Amendment 2 as follows: <i>Remove granite edge stone from platform in accordance with Section 04415 and replace with new granite edge stone per Section 04415 and the Contract Drawings. Salvage all granite edge stone where possible for WMATA future maintenance use and load, transport and unload salvaged granite edge stone as indicated by the AR to WMATA facility within the vicinity of Metrorail system. Remove and dispose of damaged granite edges."</i> Revised sheet M1272-144 and 145 will be provided with the future Amendment. Volume 1, Clause 1.02.I.4(e) of Section 01110 SUMMARY OF WORK will be deleted in Amendment 2.</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

49	Contract Drawing M1272-114, MOT for Aerial retrofit. The plans state that for piers A5376 and A5403, the barrier will be moved as needed each day to allow for work to be performed on the piers. The work for these piers will require extended lane closures over several days. Is this acceptable?	Drawing A13-C-103 (M1272-114) remains unchanged. Refer to Clause 1.04 of Section 01550 MAINTENANCE OF TRAFFIC, ACCESS, AND PARKING and Drawing A13-C-001 (M1272-110).
50	Specification 03214.1.06.A states "Do not start concrete paver work unless the ambient temperature of the area in which the work occurs is at least 50°F and rising, and is maintained at not less than 50°F without interruption while the work is being done and for at least three days after completion of setting and grouting the concrete paver and granite aprons." Specification 04415.1.07.A.2 states "Erection and pointing of granite when ambient temperature is below 50F and or tending to fall below 50F is prohibited." Many of the allowable weekend closures are anticipated to occur during temperatures which fall below this level. Can WMATA modify this limit to facilitate installation during the designated weekend RSA's?	Clause 1.06.A of Section 03214 REPLACEMENT OF QUARRY TILE WITH CONCRETE PAVER, Clause 1.07.A.(2) of Section 04415 GRANITE remain unchanged.
51	Spec Section 3110, Part 3 Execution, 3.01 I. states that the formwork/falsework shall be tested by preloading with a load equal to 1.25 times the weight of the wet retrofit concrete. Please confirm this is a single load test and not for each individual pier.	Per Clause 3.01.I of Section 03110 CONCRETE FORMWORK "Formwork and falsework for retrofits <b>over adjacent roadways with vertical clearances less than 20' shall be tested...</b> " This Clause remains unchanged.
52	Volume 1, Section 01110, Table 01110-01: Summary of Option 1B Construction. This table indicates, under the Mezzanine Structure, that the Concrete above the mezzanine metal deck is included in future work, to be completed by others. Please confirm that this contract includes no CIP concrete on the mezzanine structure.	Refer to WMATA response to Question No. 28
53	Volume 1, Section 01110,1.02F2. This note indicates a coating application for the Structure Rehabilitation. Please confirm that this coating references the waterproofing coating at the Medical Center Station passageway and no coating inside the tunnel for this part of work is required. (Part 2 includes the crossover waterproofing).	Refer to Drawing A10-S-400 (M1272-030).
54	On drawing no. A10-E-101, the part number for the 4' LED fixture is for a 2' LED fixture. Please verify that the lights in the Medical Center Crossover are 4'.	4' LED fixture is required. Tunnel LED fixture specifications and drawings will be revised in the future Amendment.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

55	On drawing no. T-E-107, should the fixture at 472+95 be an emergency light?	Drawing T-E-107 will be revised in the future Amendment to note the fixture at 472-95 must be an emergency light.
56	Per spec section 01141 Access to Site section 1.07 I 1&2, it states that the single track and total shutdown access is from 1000 feet north of Friendship Heights Crossover to the north end of Grosvenor platform. Are we to assume that all the work performed between the Friendship Heights platform and the crossover will have to be performed during non-revenue hours during the week? Please advise if the shutdowns can include this area.	Yes, all the work performed between the Friendship Heights platform and the crossover will have to be performed during non-revenue hours during the week. Shutdowns cannot include this area.
57	Please clarify what type of cable should be run between the load centers in the tunnel. Sheets T-E-100 thru T-E-109 shows a homerun cable of (2/C#10+1#10G). Details on sheet T-E-500 shows a (480/277V, 3PH, 4W Multiple ALS conductor cable. The existing breakers that feed the load centers are 3P 100A with a trip of 30A. Please advise.	Provide 2/C#10+#10G from load center to adjacent junction box. From Junction box provide 3/C#10+#10G cable to power source. Consecutive load centers connected to the same 3/C cable shall be alternately connected to two of three phases (A-B, B-C, C-A, etc). T-E-100 to T-E-109 and T-E-500 will be revised in a future Amendment.
58	Section D, Schedule Compliance, of the Technical Proposal requires Offerors to "Provide both a risk register and a risk analysis in PDF format." Will these attachments count against the 25-page limit?	A Risk register and risk analysis will not count in the 25 page restriction. Refer to future Amendment 2.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

59	<p>Section E, Safety, of the Technical Proposal requires Offerors to provide:</p> <ul style="list-style-type: none"> <li>- Copy of the organizational Health and Safety Program to be followed by the Contractor and all Subcontractors.</li> <li>- Copy of organizational Temporary Fire Protection Plan to be followed by the prime contractor and all subcontractors.</li> </ul> <p>Does the COUNTY expect a summary narrative of these plans and their relevant features? Or does the COUNTY expect Offerors to provide these plans in full? If a full-text copy is required, does it count against the 30-page limit?</p>	<p>The Proposer shall check with County what their requirements are. The Proposer shall comply with all the federal, state and local laws and regulations and comply with the requirements of the Solicitation. FACTOR 5 SAFETY will be revised in Amendment 2 to add: Copy of the organizational Health and Safety Program to be followed by the Contractor and all Subcontractors and Copy of organizational Temporary Fire Protection Plan to be followed by the prime contractor and all subcontractors will not count in the 30 page restriction.</p>
60	<p>Please clarify if a Graduate Degree is required for the Key Staff position of Design Engineering Manager as indicated on page 2 of Section 01111, or if a Undergraduate Degree will suffice for this project.</p>	<p>Refer to Amendment 1 and WMATA response to Question No. 21.</p>
61	<p>Drawing T-E-001, General Note 23 states to replace existing cable supports on every channel where cables are located in "heavy calcification areas or where cable supports are broken". Plan drawings T-E-100 thru 113 do not indicate the quantity of cables nor do they indicate the size of the cables in these areas. In order to provide accurate pricing, please provide the quantity and size of cables? If that amount of detail cannot be provided, please provide an average quantity and size?</p>	<p>Refer to WMATA response to Question No. 29.</p>
62	<p>Drawing's T-E-100 thru 113 show the IB and OB Load Centers being fed using 2/C #10 w/ 1 #10 ground single phase 3 wire circuit. As built drawings (refer to as built dwg's FA11 - E4 and E6) show existing load centers as being fed using 3/C #10 w/ 1 #10 ground three phase four wire circuit. The 2/C #10 cabling indicates the new Load Centers (see corresponding new RFP drawing T-E-106) as being fed by a single phase 480v circuit in both the IB and OB tunnels, whereas the existing load centers are being fed by a three phase 480v circuit in both IB and OB tunnels. The existing load centers are connected alternately as follows, first load center connected to A &amp; B Phase the next load center to B &amp; C phase and the last load center to A &amp; C phase. Additionally the typical load center detail on new RFP drawing T-E-500 shows the load centers connected to 3 phase 4 wire circuit. Please clarify which circuiting method is to be utilized?</p>	<p>Provide 2/C#10+#10G from load center to adjacent junction box. From Junction box provide 3/C#10+#10G cable to power source. Consecutive load centers connected to the same 3/C cable shall be alternately connected to two of three phases (A-B, B-C, C-A, etc). T-E-100 to T-E-109 and T-E-500 will be revised in a future Amendment.</p>
63	<p>Drawing T-E-105 - Please confirm the need for additional Load Centers at Approximate Station Location 415+96? Bethesda Reference drawing FA11-E-10 (Part of the Volume 3 reference drawings) shows existing Load Centers at this location.</p>	<p>Refer to WMATA response to Question No. 30.</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

64	Drawing T-E-107 - Same as above , Please confirm the need for additional Load Centers at Approximate Station Location 476+35? This is based on Load Centers being located approximately 800' +- apart.	Load Centers are required at Sta. 476+35. Drawing T-E-107 will be revised in the future Amendment to mark the Load Centers requirement at 476+35.
65	Drawing A10-E-101 Sheet No. M1272-049, construction Note 4 states to test all existing to remain and relocated speakers for correct operation and to repair or replace as required. As this is competitive bid and operability and condition of equipment is not known prior to bid, please confirm that bidders shall include only cost for testing of existing to remain and relocated speakers and that costs associated with repair or replacement will be handled through the contract modification procedures?	This is a competitive RFP type of solicitation. Proposer shall not include any price for replacements of speakers. The Design-Builder shall test the existing speakers prior to disturbing. Any repairs to non-functional speakers will be done by WMATA prior to Design-Builder relocating the speakers. The Design-Builder shall be responsible for testing the existing to remain and relocated speakers at the conclusion of the work. Note 4 on Sheet M1272-049 will be revised accordingly in the future Amendment.
66	Drawing S-500 Sheet No. M1272-032 shows the "Type 7" detail on the method of replacement for the vertical unistrut support located in the tunnel . Defect repair table drawings S-601 thru 605 do not indicate where Type 7 repairs are to be made. Are we to assume that areas identified on the tunnel electrical drawings (T-E-100 thru 113) where cable support straps are to be replaced is where the unistrut is be replaced? If not, please provide the quantity and location of the Type 7 repairs?	Refer to WMATA response to Question No. 29. Type 7 Detail on Drawing S-500 provides detail to replace deteriorated cable supports and clean cables from calcification build up. Specific length of tunnel locations for these notes are marked. To quantify numbers of cable supports and areas of heavy calcification build up removal, WMATA will issue a revised Section 00434 PRICE PROPOSAL SCHEDULE in the future Amendment. These items will be changed from a lump sum item to unit price items with estimated quantities.
67	Drawing T-E-001 - Reference Drawings indicated on this drawing and Note 29 have not been provided with the exception of FA11-E-32. Please provide the remaining referenced drawings?	Refer to WMATA response to Question No. 31. Reference Drawings are provided with Amendment 1.
68	Drawing A10-E-001 Note 1, T-E-001 Note 2, and A11-E-001 Note 1 all indicate the contractor shall coordinate work hours with the WMATA AR. Please confirm work hours shall be as specified in specification 01141 Access To Site?	Work hours shall be as specified in Section 01141 ACCESS TO SITE. General Requirements - Division 1 takes precedence over RFP drawings per Section 00802 ORDER OF PRECEDENCE.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

69	<p>The following drawings and notes call for Unit Pricing to be provided. The bid form does not provide line items for unit pricing. Several of the items would be very difficult to provide a single unit price for as the sizes might vary, or the work hours times might vary requiring different material or labor costs. Please confirm unit prices are not required as part of this proposal.</p> <ul style="list-style-type: none"> <li>a. Drawing A10-E-001, Note 15</li> <li>b. Drawing T-E-001, Note 17</li> <li>c. Drawing A11-E-001, Notes 16, 18, 19, and 20</li> </ul>	<p>Unit pricing requirement will be deleted from:</p> <ul style="list-style-type: none"> <li>a. Drawing A10-E-001, Note 15</li> <li>b. Drawing T-E-001, Note 17</li> <li>c. Drawing A11-E-001, Notes 16</li> </ul> <p>in the future Amendment.</p> <p>Additional clarification and revised notes will be provided in the future Amendment for</p> <ul style="list-style-type: none"> <li>c. Drawing A11-E-001, Notes 18, 19, and 20.</li> </ul>
70	<p>The following drawings and notes call for Power Wires to be RHW-2 Low Smoke, Zero Halogen. Please confirm Power Wiring also needs to comply with specification 16120 as compliance with specification 16120 requires custom manufactured wiring with large minimum order quantities and lead times of as much as 24 weeks?</p> <ul style="list-style-type: none"> <li>a. Drawing A10-E-001 Note 16</li> <li>b. Drawing T-E-001 Note 19</li> <li>c. Drawing A-11-E-001 Note 17</li> </ul>	<p>The Design-Builder shall comply with Specification Section 16120 WIRE, CABLE, BUSWAYS and Drawing Notes.</p>
71	<p>Drawing A10-E-001 Note 17 references drawing MM-A-E26 which was not provided. Please provide?</p>	<p>Refer to WMATA response to Question No. 32. Reference Drawings are provided with Amendment 1.</p>
72	<p>Drawing T-E-001 Note 27 references drawings MM-A-E21, E22, E24, E26, and E29 which were not provided. Please provide?</p>	<p>Refer to WMATA response to Question No. 31. Reference Drawings are provided with Amendment 1.</p>
73	<p>Drawing A-10-G-102 Note 1 calls for the existing cables to be relocated to 15' above the existing safety walk. Please provide cable quantities and sizes to be relocated? Additionally, please confirm cables can be spliced for purposes of relocation?</p>	<p>Note 1 on Drawing A-10-G-102 will be revised in the future Amendment and additional drawings will be provided. Splicing of cables will be permitted for certain types of cables, refer to the future Amendment.</p>
74	<p>Drawing A11-E-501 Note 2 calls for existing cables within conduits being replaced to be replaced from end to end without splice. These cables could be a variety of cables with large variances in pricing and without this information it's impossible to provide a price. Please provide cable quantities, sizes and lengths, or as-built drawings which we can use to determine for pricing?</p>	<p>Note 2 on Drawing A11-E-501 will be revised to state in part: "Relocate or replace conduits and cables which are within 24" from the platform edge. Temporary relocation or replacement of other cables and conduits under the platform edge until the platform replacement/rehabilitation work is complete is at the discretion of the Design-Builder provided that the Design-Builder complies with the requirements of the Solicitation .</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

75	Drawing A11-E-001 Key Notes 1 and 2 call for the bidder to test existing wiring and repair or replace as required. As this is competitive bid and operability and condition of wiring is not known prior to bid, please confirm that bidders shall include only cost for testing of existing wiring and that costs associated with repair or replacement will be handled through the contract modification procedures?	This is a competitive RFP type of solicitation. Proposer shall include price to disconnect and connect wiring for Pylons and Dioramas. Proposer shall not include pricing for replacing wiring of home runs for the Pylon and Dioramas. The Design-Builder shall test the functionality of fixtures of Pylons and Dioramas, any repairs to make those functional will be done by WMATA. The Design-Builder shall be responsible for testing the fixtures at the conclusion of the work. The Notes on Drawing A11-E-001 will be revised accordingly in the future Amendment.
76	Please clarify mezzanine parapet railing required in Part 6 - New South Mezzanine at Bethesda Station. Note 4 on drawing A09-A-102 indicates to provide precast concrete mezzanine parapet walls with bronze railing. Please confirm that the design builder is to furnish and install this bronze railing.	The Design-builder is to furnish and install bronze railing. Refer to Clause L. Part 6 - Bethesda Station New South Mezzanine Design-Build (Option 1B) of Section 01110 SUMMARY OF WORK, in part "Construct, test and commission all elements of the new south mezzanine ..."
77	Please clarify Montgomery County requirements related to Part 6- New South Mezzanine at Bethesda Station. Note 26 on drawing A09-A-102 indicates structural loading shall comply with Montgomery County requirements. Please confirm that Montgomery County requirements do not apply to Part 6 design. Please confirm that Montgomery County permits, inspections, and code reviews do not apply to Part 6.	WMATA will issue a future Amendment removing any reference to Montgomery Country requirements on drawing A09-A-102.
78	Please clarify the mechanical, electrical, and communication rough-in requirements related to Part 6- Option 1 B for construction of the New South Mezzanine at Bethesda Station. Please confirm that the scope of work under Option 1B does not include any mechanical, electrical, and communications sleeves, junction boxes, raceways, pipes, or rough-in to be incorporated in the new work for future work not in this Contract.	WMATA will issue a future Amendment clarifying the mechanical, electrical, and communication rough-in requirements.



**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

79	<p>Please clarify the elevator and escalator rough-in requirements related to Part 6-Option 1 B for construction of the New South Mezzanine at Bethesda Station. Please confirm that the scope of work under Option 1B related to the elevators and escalators does not include any electrical, and communications sleeves, junction boxes, raceways or rough-in to be incorporated in the new work.</p>	<p>WMATA will issue a future Amendment clarifying rough-ins required for the elevators and escalators. The Designer - Builder shall design, furnish and install conduit for all systems required to connect the elevators and escalators to the Communication Room, Kiosk and any other spaces as required by WMATA criteria. These requirements are noted as follows;</p> <p>Pertinent mechanical specifications and criteria are Standard Specification Section 14200 Hydraulic Elevators, Standard Specification Section 14300 Heavy-Duty Escalator and WMATA Manual of Design Criteria, Section 14 Mechanical, paragraph 14.11 Escalators and paragraph 14.17 Elevators.</p> <p>Pertinent Communications specifications are Standard Specification Section 16732 COMMUNICATIONS - FIRE ALARM, DETECTION AND NOTIFICATION SYSTEM, Section 16733 KIOSK SYSTEMS, 16866 INTERFACE CRITERIA AND RESPONSIBILITIES and WMATA Manual of Design Criteria, Section 27.27.5.5 KIOSK SYSTEM.</p> <p>Pertinent Electrical specification is Standard Specification Section 16130 RACEWAYS, BOXES AND CABINETS.</p>
80	<p>Section 01111 - Summary of Work includes Table 01110-01: Summary of Option 1B Construction. The second to last row indicates that "Functions and systems on the new mezzanine" are Future Work and not in contract. Please confirm that this includes all lighting, systems, etc that are above the metal panel ceiling below the Mezzanine.</p>	<p>WMATA will issue a future Amendment noting the requirements for the 1B work versus the future. All work required to be installed within the new mezzanine framing between the mezzanine top of the structural slab and the finish ceiling above the platform are part of the 1B work as noted in the response to RFI 78. Systems and functions above the top of the structural slab are future work but all rough-ins need to be incorporated into the 1B construction. In addition, the Amendment will address adding the permanent mezzanine lighting to match the north mezzanine lighting.</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

81	RE: Dwg. M1272-192, 194, and 196 as well as Spec Section 01112 1.07-C.4.k (page 15). Several elements across the referenced drawings are defined as being NIC, not in contract. However the specification section would seem to suggest that they are part of the work to be constructed in this contract, FQ15093. Please advise if any of the shown on the referenced plan sheets is part of this contract.	Clause 1.07.C4 of Section 01112 DESIGN AND PROGRAM REQUIREMENTS covers design requirements for the mezzanine. Refer to the RFP documents in its entirety, the entire new mezzanine is to be designed and only the specified portions are to be built.
82	On the WMATA Red Line Phase 1 FQ8143, photographs were provided by WMATA to help define the scope. For Red Line Phase 2 FQ 15093, please provide photographs for the areas where WMATA has not provided access, for example, under the platform at Bethesda Station, etc.	WMATA will provide photos of the under the platform area in the future Amendment.
83	Reference Volume 1 Contract Specifications: Factor 1 Past Performance states the Proposer shall demonstrate it had completed a least two (2) Design Build projects of similar size and complexity within the last five (5) years. Will WMATA accept current projects that are Substantially Complete or nearing completion to fulfill this requirement?	FACTOR 1 PAST PERFORMANCE will be revised to include current projects that are Substantially Complete to fulfill this requirement. Details of what Substantially Complete means will be provided in Amendment. 2.
84	Reference Volume 1 Contract Specifications: The qualifications for Safety Superintendent require the individual to have both a degree in engineering and be a Certified Safety Professional (CSP). There are many qualified CSP's that do not have an engineering degree, but meet all of the other requirements of the position. Will WMATA consider dropping the requirement for the Safety Superintendent to have both an engineering degree and CSP?	Clause 1.05.D.5(a) of Section 01111 DESIGN-BUILDER KEY STAFF will be revised in Amendment 2 to delete the requirement for an engineering degree.
85	Please confirm that section 14.11.14 of the WMATA Manual of Design, which states the structural supports of the escalators should be designed for a factor of safety of 5, is applicable at the Bethesda South Mezzanine. Specifically, does this apply to the supporting structural steel, and if so, how?	Paragraph 14.11.14 of Section 14.11 ESCALATORS of the WMATA MANUAL OF DESIGN CRITERIA is applicable to the Design work for The Bethesda South Mezzanine. A factor of safety of 5.0 shall be applied to the supporting structures and their connections that directly support escalator loads.
86	Section 03371, Part 3.01B and the MDE Discharge permit require extensive testing for pressure washing discharge water. Does WMATA have any existing test data for similar operations that can be made available to the contractors for this pressure washing activity?	WMATA does not have any existing test data for similar operations that can be made available to the contractors for this pressure washing activity.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

87	Sheet M1272-146, note 14 states "Re-install dispatch office over new pavers." This statement conflicts with drawing M1272-151, note 2 which states "Dispatch office to remain in place during work." Please confirm drawing M1272-151 shall supersede.	Sheet M1272-151, Note 2 shall supersede Sheet M1272-146, Note 14. Sheet M1272-146, Note 14 will be revised in the future Amendment.
88	Sheet M1272-125, detail entitled "Removal of Deteriorated Concrete" calls out piers A5324 and A5366. If unsound concrete is found at other piers, please confirm that additional compensation will be paid for this additional work.	Sheet M1272-125, detail entitled "Removal of Deteriorated Concrete" remains unchanged.
89	Sheet M1272-103, it appears that the CAD line work is missing from the elevation views. Please issue a new drawing.	CAD line work will be added in the future Amendment in Sheet M1272-103.
90	During the weekend RSA's, can the contractor continue work activities during the escort shift change? If not, what times will shift changes occur and how long should the contractor assume operations will be suspended during the exchange?	The Design-Builder can expect to work during the shift change. However, time from Saturday 00:30 to Monday 03:30 equals 51 hours. WMATA took into account 3 hours for miscellaneous disruptions including shift changes and stated that Hours of Work during Weekend Single Tracking Access and Total Shutdown Access makes up 48 hours. Refer to Table 01141-01, HOURS OF WORK.
91	Sheet M1272-020, At station 466+48 indicates North Drive Shaft & Adit. Please clarify/define what is an Adit?	The term will be revised in the future Amendment to "Exit Shaft EA-01".
92	Sheet M1272-105, Dwg 10-FP-102, please advise if the new 4" Dry Standpipe to be installed over this existing tracks is to remain in place?	Notes will be added to Drawing 10-FP-102 (M1272-105) in a future Amendment.
93	Drawing A10-E-101, Construction Key Note #4 refers to the existing speakers in the mezzanine ceiling at the Medical Center Station. The note states "repair or replace in-kind if required." Can the Authority quantify the number of existing speakers that will need to be replaced?	Refer to WMATA response to Question No 65.
94	Drawing T-E-001 lists reference drawings for nine TBS / TPSS substations. Will the Authority provide these drawings to the bidders?	Refer to Amendment 1.
95	Drawing T-E-001, General Note #27 refers to five electrical maintenance maps: MM-A-E21, MM-A-E22, MM-A-E24, MM-A-E26 and MM-A-E29. Will the Authority provide these drawings to the bidders?	Refer to Amendment 1.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

96	Drawing T-E-009, At Pooks Hill Traction Power Substation, there are many ETS cables that need to be installed to the tunnel. Can the Authority confirm the number and size of the usable, existing ETS conduits that traverse from the tunnel, then under Rockville Pike to the TPSS?	Pending WMATA response
97	Drawing T-E-009, Plan Note #2 blue light power supply wiring to be tested and replace wiring if defective. Does the Authority have a maximum amount of wiring that the bidder should anticipate replacing?	Currently all the blue lights are functional, WMATA does not anticipate that replacement wiring will be necessary. However Drawing T-E-009, Plan Note #2 remains unchanged.
98	Drawing T-E-500, Typical Schematic Diagram for Load Centers and Receptacles states the installation of 480Y/277V, 3 Phase, 4W ALS cable (4 Wires) to feed the load centers. Drawing T-E-100 (Typical) shows load centers circuited with 2/C#10+#10G (3 Wires). Please clarify what configuration of cabling is required.	Provide 2/C#10+#10G from load center to adjacent junction box. From Junction box provide 3/C#10+#10G cable to power source. Consecutive load centers connected to the same 3/C cable shall be alternately connected to two of three phases (A-B, B-C, C-A, etc). T-E-100 to T-E-109 and T-E-500 will be revised in a future Amendment.
99	Drawing A11-E-201, Key Note #6, directs the replacement of globes and lamps on the existing light fixtures at Grosvenor- Strathmore Station. There is an entire existing light fixture missing under the mezzanine canopy. Will the Authority provide this fixture?	WMATA will furnish the fixtures under the mezzanine canopy, however, the Design-Builder will be responsible for installation. Key note #6 on Drawing A11-E-201 will be revised in a future Amendment.
100	Specification section 01141 Access to Site, Hours of Work. Can work in the AC switchgear rooms at the ends of the station platforms, TBS/TPSS rooms and communications rooms be performed during revenue and non-revenue hours with prior approval?	With prior approval from COR, work in the AC switchgear rooms at the ends of the station platforms, TBS/TPSS rooms and communications rooms may be performed during revenue and non-revenue hours dependent on the nature of the work.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

101	<p>Please provide clarification how to include the additional pricing on the proposal for the following construction notes:</p> <p>a. 1. Sheet A10-E-001 note 15. "Contractor must include unit price for labor during WMATA non-revenue hours"</p> <p>b. 2. Sheet T-E-500 Detail B. "Provide non-metallic FRE cable clamps as an alternate in base bid" Sheet A11-E-001 note 19. "Unit cost for communication wiring: contractor's bid shall include replacing all wiring under platform overhang. Provide unit cost for each type of cable found under platform overhang. The WMATA AR may direct the contractor to re-route some cables in lieu of replacement. Unit cost will be used to determine amount of deduct from contractor's bid price"</p> <p>c. 3. Sheet A11-E-001 note 20. "Unit cost for branch circuit wiring: provide unit cost for replacing lighting and receptacle branch circuit wiring found defective"</p>	<p>a) Refer to WMATA response to Question No. 69.</p> <p>b) For b, Sheet T-E-500 Detail B "Provide non-metallic FRE cable clamps as an alternate in base bid" is to be under a future amendment. Sheet A11-E-001 note 19 will be revised in a future Amendment to state:  19. TO ACCOMMODATE PLATFORM STRUCTURAL REPAIR WORK, TEMPORARILY RELOCATE EXISTING UNDER PLATFORM CABLING, CONDUIT AND WIRING LOCATED WITHIN 24 INCHES OF PLATFORM EDGE AND ANY OTHER CONDUIT AND WIRING THAT MAY INTERFERE WITH STRUCTURAL WORK TO TRACK BED BELOW PLATFORM OVERHANG. PROTECT RELOCATED WIRING DURING STRUCTURAL REPAIR WORK. REINSTALL RELOCATED CABLING, CONDUIT AND WIRING BACK TO ITS ORIGINAL LOCATION UPON CONCLUSION OF STRUCTURAL WORK. MAINTAIN CONTINUITY OF SERVICE FOR ALL CABLING AND WIRING TO ALL CONNECTED DEVICES AND SYSTEMS AT ALL TIMES.</p> <p>c.) 3. Sheet A11-E-001 note 20 will be deleted under a future Amendment.</p>
102	<p>Per note 2 on sheet A11-E-501, if the conduit needs to be replaced, please clarify if that work is limited to one (1) stick of conduit.</p>	<p>Refer to WMATA response to Question No. 74.</p>
103	<p>Is it WMATA's intent to use the unit pricing noted on sheet A11-E-001 note 19 to perform the wiring replacement work included in construction note 2 sheet A11-E-501?</p>	<p>Refer to WMATA response to Question No. 74.</p>
104	<p>Can the drawing files be released in an AutoCad format?</p>	<p>WMATA will issue CAD files to the Design-Builder after Contract award.</p>
105	<p>Will WMATA issue additional pictures of the Crossover work location (Part 2)? Pictures of existing utilities and both South and North tunnel walls would be much appreciated.</p>	<p>Pictures of crossover work location (Part 2) and Pictures of existing utilities and both South and North tunnel walls will be provided as part of a future Amendment.</p>

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

106	Reference sheet No M1272-011. The Power washing notes indicate to Powerwash tunnel from Station 306+00 to 509+98. The sections given starting on sheet M1272-023 start power washing at station 309+24. Please clarify the correct starting station for this work.	The crossover ends at 308+74 on the north side and adding the 500 feet buffer for the train movement at the crossover, the power washing shall begin at chain marker 309+28 on the low or inbound side. Both M1272-011 and M1272-023 will be revised in a future Amendment
107	Reference sheet No M1272-011. We are directed to clean all signage and station markers in the tunnel. Does WMATA have an asbuilt of the signage in the tunnel or can we include a given quantity of signage/mile of tunnel? Please clarify.	Tunnel and ROW Signage as builds drawing will be provided in a future Amendment.
108	Reference sheet No. M1272-033. The notes for the Type 6 repair state to see specification 03720 for measurement and payment. This specification excludes reference to Type 6 repairs. Please provide updated specification for repair?	Sheet No. M1272-033 notes for the Type 6 repair are incorrect and will be revised in a future Amendment.
109	Reference Section 03371, Part 1.01. Can WMATA please provide referenced SSPC-SP 12 Surface Prep Specification? It is our understanding that this method has been withdrawn and replaced with NACE WJ-1,2,3 and 4.	Replace SSPC SP-12 with SSPC-SP 13/NACE No. 6, Surface Preparation of Concrete. Section 03371 Part 1.01 will be revised in a future Amendment.
110	Reference Section 03720, Part 3.05. Can WMATA please provide referenced SSPC-SP 6 Commercial Blast Cleaning Specification ?	SSPC and NACE standards are available from the organization. An excerpt from the SSPC website is "A commercial blast cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dust, dirt, mill scale, rust, coating, oxides, corrosion products, and other foreign matter, except for staining as noted". SSPC-SP 6 NACE No. 3 Commercial Blast Cleaning can be downloaded at <a href="http://www.sspc.org/sspc-sp-6-nace-no-3-commercial-blast-cleaning.html/">http://www.sspc.org/sspc-sp-6-nace-no-3-commercial-blast-cleaning.html/</a> .
111	Drawing T-E-001, Note 24 indicates new tunnel lighting fixtures are to be installed and operational prior to removal of the existing tunnel lighting fixtures. Note 27 indicates to use existing electrical sleeves for connecting electrical rooms to tunnel. Please confirm there is sufficient spare capacity in the existing electrical sleeves to install the new feeder cabling prior to removal of the existing feeder cabling	The existing lighting circuits and the new lighting circuits do not need to be functioning in parallel; however the cutover to the new lighting circuit must be completed within one work shift. In some cases it may be necessary to remove the existing lighting circuit cables in order to make sufficient room within the sleeves for the replacement cables. Additionally refer to Drawing T-E-001, Note 25.

**FQ15093 REHABILITATION OF RED LINE METRO RAIL SYSTEM FROM FRIENDSHIP HEIGHTS CROSSOVER TO GROSVENOR-STRATHMORE STATION**

112	<p>Specification 01110 Summary of Work, section 1.02-F.3.c states to test the existing ETS control wiring and relay panels located between the tunnel portal and Grosvenor station and replace as required. Drawings T-E-109, Note 2 states to test existing Blue Light power wiring and replace wiring found defective. Drawing 2 T-E-110 through T-E-112, Note 1 states to test existing Blue Light power wiring and replace wiring found defective and Note 2 states to test existing control wiring and communications wiring and replace wiring found defective. As this is a competitive bid and bidders have no way of knowing what wiring will be found defective, please confirm bidders shall include costs for testing only and that replacement of devices and wiring found defective will be paid for through the contract modification procedures</p>	<p>This is a competitive RFP type of solicitation. Remove and replace all existing emergency trip stations (ETS's) and blue lights in or adjacent to the Roadway, and remove and replace the relay panels in the TBS and TPSS. Blue light power supply, ALS control wiring, and 25 pair communications cable is existing to remain except as follows. Test existing wiring and replace wiring found defective. Existing ETS boxes, blue lights, and communications are currently functional and WMATA does not anticipate the need to replace any of the Blue light power supply, ALS control wiring, or 25 pair communications cable. Should cables be tested defective, AR will provide direction. Drawings T-E-109 to T-E-112, Note 2, will be revised in a future Amendment.</p>
113	<p>The Bethesda Station Contract drawings (FA11) were provided as part of the reference documents and allow the bidder to determine cable routing through and around the tunnel vent shafts at the Bethesda Station. These areas can necessitate extensive additional cable and routing methods. Please provide the Medical Center (FA12) and Friendship Heights (FA10) contract drawings so we are able to determine this same information for their associated tunnel vent shafts, fan shafts, pumping stations, etc.</p>	<p>Applicable FA11 and FA12 as build drawings will be provided as part of a future Amendment.</p>
114	<p>Specification 01110 Summary of Work, section 1.02-I.1.j notes to provide replacement globe light fixtures for missing or defective lights and to test existing light fixtures and repair or replace as required. As this is a competitive bid and bidders have no way of knowing what wiring will be found defective, please confirm bidders shall include costs for testing only and that replacement of devices and wiring found defective will be paid for through the contract modification procedures. Additionally if quantities are provided for fixtures to be replaced and included, please provide fixture type and catalogue information for pricing purposes. The RFP documents currently only include the part number for the globe.</p>	<p>All globes and luminaires shall be replaced under this work. WMATA will provide missing fixtures to the Design-Builder to install. Any defective wiring will be addressed by WMATA. Testing is required by the Design-Builder. Specification 01110 Summary of Work, section 1.02-I.1.j will be revised in a future Amendment.</p>
115	<p>Sections 01110 and 01112, and the RFP drawings for Part 5, indicate to concrete fill and abandon in place existing roof drains and install new downspouts. Please provide mezzanine and platform elevations for existing / as-built conditions.</p>	<p>Refer to RFI # 46</p>