

ARLINGTON COUNTY GOVERNMENT
OFFICE OF THE PURCHASING AGENT
ARLINGTON COUNTY, VIRGINIA 22201

INVITATION TO BID NO. 20-DES-ITB-235-9

ADDENDUM NO. FIVE (005)

Arlington County Invitation to Bid No. 20-DES-ITB-235-9 for the Pentagon City 2nd Elevator Construction at the Pentagon City Metrorail Station" is hereby amended by Addendum No. Five (005) as follows:

- Responses to question submitted on or before January 5, 2020 @ 3:00 P.M., Eastern Time,
- Attachment V – Revised Price Schedule.

All of the Terms and Conditions of the solicitation remain unchanged.

Shirley Diamond, Procurement Officer
stdiamond@arlingtonva.us

**RETURN THIS PAGE, FULLY COMPLETED AND SIGNED, WITH YOUR BID SUBMISSION:
BIDDER ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM NO. FIVE (005)**

FIRM NAME: _____

AUTHORIZED
SIGNATURE: _____

DATE: _____

**ARLINGTON COUNTY GOVERNMENT
OFFICE OF THE PURCHASING AGENT**

INVITATION TO BID NO. 20-DES-ITB-235-9

PENTAGON CITY 2ND ELEVATOR CONSTRUCTION AT PENTAGON CITY METRORAIL STATION

Below are responses to the questions submitted for the above referenced Invitation to Bid (ITB) on or before January 5, 2021 on Vendor Registry.

Question No. 1 –Plans are not readable. Please re-issue.

Response No. 1 –See Addendum No. Three (003).

Question No. 2- Please provide link for Addenda Numbers One (001), (002).

Response No. 2 - Addenda Numbers One (001), (002) were re-posted on Vendor Registry December 14, 2020.

Question No. 3 – Please provide copy of Pre-Bid attendance list.

Response No. 3 –The Non-Mandatory Pre-Bid Conference was a virtual Conference on Microsoft Teams. An attendees list was not recorded.

Question No. 4 – Are we to mail the original bond? If so, please provide address.

Response No. 4 – Per the instructions in the solicitation all documents are to be submitted electronically.

Question No. 5 - Please provide the Plan Drawing showing the location of the geotechnical boring performed by DMY.

Response No. 5 – See Attachment No. 2 to this Addendum-Boring Location Plan.

Question No. 6 – The drawings show the shoring line off-set from the proposed structure. Please Confirm the off-set dimension from the shoring line to the proposed structure.

Response No. 6 – The off-set dimension will be determined by the Contractor’s permitted design. Excavation design support and permitting are Contractor responsibilities.

Question No. 7 – The LOD provided is approximately 8’ from the structure. This will be even less if the shoring is not on-line. Can you revise the LOD, make it larger and make it suitable for crane and other equipment, laydown area for materials.

Response No. 7 – No.

Question No. 8 – Is there a detailed description of each of the pay items, per Attachment 5-Price Schedule?

Response No. 8 – Details of the itemized Price Schedule are located in the Plans and Specifications.

Question No. 9 – Attachment O-Arlington Code Noise Control is incorrect. Attachment P has been included twice. Please advise.

Response No. 9 – Refer to the Arlington County Code, Chapter 15. (See Attachment O, attached)

Question No. 10 – Contrary to page 82, you cannot download a copy of the NFPA Codes and Standards at no charge. Please advise.

Response No. 10 – It is the Contractor’s responsibility to have the NFPA Codes and Standards available to ensure compliance with the applicable NRPA code and standards requirements.

Question No. 11 – Page 82 of the ITB-Staffing Qualifications-only the resume for the Foreman is required or does the County require Superintendent and Project Manager resumes as well?

Response No. 11 – Refer to ITB Section 3-Safety and Accident Prevention , page 58.

Question No. 12 – Please confirm if there is a DBE requirement for this contract or if the 23.3% Is the County’s overall goal and not a mandatory requirement for this Contract?

Response No. 12 – The 23.3 Percent DBE goal is the County’s approved overall goal.

Question No. 13 – Please extend the bid due date to allow adequate time to obtain sub-contractor quotes?

Response No. 13 - See Addendum No. Four (004).

Question No. 14 – Does Arlington County have a target budget for this project?

Response No. 14 – Yes.

Question No. 15 – Is a full time Safety Officer and Quality Control Officer required? If so, can individual also be the Site Superintendent?

Response No. 15 – Refer to ITB Section 36-Construction Quality Control Plan, page 102.

Question No. 16 – Please clarify the required hours of work.

Response No. 16 – The Work Hours in Section IV- Special Conditions, Item no. 9, Work Hours and Schedule of Work.

Question No. 17 – Please provide the WMATA approved temporary partition design, anchoring details for pricing purposes.

Response No. 17 – Specification Section 02255-3, 3.02-Temporary Partitions and Closures A, describes requirements for constructing temporary partitions. The Means and Methods for said construction is the Contractor’s responsibility. The Contractor will be required to submit details and drawings for review and approval.

Question No. 18 – Please provide the work hours for the project. Considering the SCADA and power tie-ins to the existing station systems there will be a night component.

Response No. 18- See response to Question No. 16 above.

Question No. 19- Please confirm that WMATA-costs construction administration, such as RFI, submittal review, escorts within and around the existing station, JDAC, etc., is not the responsibility of the Contractor

Response No. 19 – WMATA construction administration costs are not a Contractor responsibility.

Question No. 20 - The bid documents are conflicting with respect to what permits and costs will be required to be provided by the Contractor for this project. Part 4 Special Conditions states that the county shall obtain and pay fees for the building construction permit and occupancy permit and that all other permits shall be obtained and paid for by the Contractor. However, the same section is contradicting when the scope of work states that Contractor shall furnish all labor, materials, equipment and permits for construction of the new elevator for the Pentagon City Metrorail Station.

Additionally, the Arlington County Website referenced in Item 17 includes a fee schedule that is conflicting when it states in several areas that no fees will be assessed for the permit required by the building code for the erection or alteration of a building or structure performed by or for WMATA in connection with the construction, alteration, repair or maintenance of bus or rapid rail system. Lastly, in several of the trade specific specifications there is conflicting language that states county responsibility for obtaining and paying permits (02952 and 01500).

Please consider implementing an allowance for the outstanding permits that Arlington County has not yet obtained and for the WMATA

Permit/adjacent construction fees for this project. Without an allowance, bidders will have different estimates for what these items and bids will not be leveled.

Response No. 20 – Arlington County will provide the Building Permit. The prime Contractor, its sub-contractors shall obtain trade permits, support excavation permit, ROW permit, WMATA permit(s), etc. Costs for these permits will be the Contractor's responsibility.

Question No. 21 - The document in the solicitation titled, "Pentagon City Elevator Construction-Final 12-08-20 pages 146 and 158 have different DBE goals stated. Page 146 states 23.3% and 158 states 10.6%. Please clarify what the stated DBE goal is for this project.

Response No. 21 – The 23.3% DBE goal is the County's overall goal. WMATA certified DBE firms contractors can be included can be utilized for this solicitation/project

Question No. 22 - Exhibit D seems to require the General Contractor to name all the sub-contractors, sub-consultants, and suppliers who submit bids or proposals in its bid response. Please confirm that the intent is to name only those entities that we believe we will enter into a sub-contract with.

Response No. 22 – The bid submission documents should reflect the sub-contractors, sub-consultants, etc., the Contractor intends to enter into sub-contract/sub-consultant agreements

Question No. 23 - Page 59 of the 1TB seems to indicate that the General Contractor is to be considered a co-generator of existing hazardous materials and waste. Please amend this to say the General Contractor is responsible for only those hazardous materials and waste that it brings onsite.

Response No. 23 – Provision 5-Hazardous Waste remains as written.

Question No. 24 - The unit price bid form is perhaps inappropriate for a job of this type and it will create management difficulties for both Arlington County and the Contractor. For example, our initial takeoffs show that there may be two times the bid form excavation quantity. Also, for example, there is work shown on the drawings that does not correspond to any of the proscribed bid items, i.e. Rough Carpentry.

Please consider amending the price schedule to show only breakouts for the major trade work/CSI Master Format packages, not the scope detail.

Response No. 24 – Items not specifically called out in the Price Schedule/Bid Form are “incidental” to the item being bid and should be incorporated into the Bidders price.

Question No. 25 - Utility relocations can be expected to be required as part of this contract. Can an existing Utility Location Plan be issued as part of the documents?

Response No. 25 – See Sheet C-100.

Question No. 26 – A project of this size and complexity would benefit from a requirement for the Contractor to self-perform a large percentage of the Work. Would Arlington County entertain such a requirement?

Response No. 26 – No.

Question No. 27 – There are numerous conflicts between WMATA Division 01 and Arlington County Division 01 Specifications such as the Key Personnel and their required experience. Please confirm that Arlington County Division 01 governs or indicate which is the governing section.

Response No. 27 – The most restrictive requirement will take precedence and govern.

Question No. 28 – Detail 1 on AWP-102 seem to be mis-oriented from its reference on AWP-01 and it is calling for protective concrete on what is assumed to be the exterior (SOE side) of the detail. Is this protective concrete necessary as it is not shown on any of the other adjacent details. Please confirm that the protective concrete for waterproofing is limited to the ground surface and roof and the waterproofing along the walls will be placed against the SOE.

Response No. 28 – Confirmed. Per WMATA Design Development Drawings, the protective concrete for waterproofing apply to the ground surface, roof and waterproofing along the walls can be placed against the SOE.

Question No. 29 – Please confirm the work hour restrictions for the electrical, communications, and fire protection scopes that take place within the active Metro Station.

Response No. 29 – Work hours are listed in the solicitation document, Section IV-Special

Special Conditions, Item No. 9, Work Hours and Schedule of Work.
It is the Contractor's responsibility to coordinate work hours.

Question No. 30 – The East elevator shows several drawings with demolition notes and new construction notes but the detail itself is listed as " NIC." Please clarify the scope at the East Elevator, if any.

Response No. 30 – NIC is the common term used meaning, "Not in Contract".

Question No. 31 – General Note 18 states that the installation of the elevator will be completed by others but the electrical and comm scopes do not differentiate where the contract scope ends and the elevator (by others) begins. Please clarify the scope that is to be included and excluded from this proposal.

Our opinion is that it will be substantially more cost effective and efficient for the County to include the elevator as part of this solicitation, otherwise, the County will be in a situation where they are trying to obtain Final Completion and occupancy for the elevator and fire alarm systems (secondary recall, lobby smoke detector and other fire alarm functionality) under separate contracts with separate entities. It will be difficult to control the process and hold firms accountable for their work under that contractual structure.

Response No. 31 – There is no "Note 18" on the electrical or fire alarm drawings. How the project is will be the decision of the Third-Party Construction Manager Contractor.

Question No. 32 – Will we be allowed to put a trailer adjacent to the site? It does not appear that there is enough space for a trailer within the LOD.

Response No. 32 – The County has not provided space for a trailer with the Work Zone and a trailer is not required for the performance of the Work. The Contractor has the right to pursue a staging area outside the Work Zone. Costs associated with such space and support shall be paid by the Contractor and at no additional cost to the County. The Contractor shall also be solely responsible for all permits required for trailer set up, etc.

Question No. 33 - Sheet C-101 shows the southern wall of the storm drainage structure in the

northern side of the LOO to be included in the demolition area. Please confirm that the scope of this project does not include demolition and re-construction of this wall in the storm structure.

Response No. 33 – See Note on Sheet C-500. The County does not expect the wall of the storm structure to be removed and replaced. If the Contractor fails to adequately protect the structure from damage, the Contractor shall bear all costs associated with repair to the storm structure as well as seek acceptance and sign-off by the County.

Question No. 34 – There are no utilities shown as conflicting within the LOD other than UGE and FO lines that are to be relocated by the County. Please confirm that there are no anticipated utilities requiring relocation by the Contractor in this scope.

Response No. 34 – See response to Question No. 19 above.

Question No. 35 – Please advise on the anticipated dates for notice of award, notice to proceed, and completion of County relocation of fiber lines

Response No. 35 – The Notice of Award, Notice to Proceed cannot be determined at this time. The relocation of the fiber lines is complete.

Question No. 36 – Are all sub-contractors that participate in the construction of this project required to obtain a WMATA badge or does this apply to the sub-contractors that will have work inside the existing WMATA station required to obtain badges (Electrical, FP, etc.)

Response No. 36 – WMATA badges are not required outside the action station and when not on WMATA property. For all Work in the active station area or utility rooms a WMATA badge is required.

Question No.37 – Please confirm the storm and sanitary work will be required to be performed at night to diminish impacts on traffic to the mall. Please clarify the requirements and provide any details necessary for provision of steel plates, etc, for

covering any excavations as the work will not be able to be completed in one night.

Response No. 37 – The County does not expect any open-cut trench excavation. Plates will not be required.

Question No. 38 – Please confirm the pile reactions provided on 5-101 has been vetted by the Structural designer of record and that the definition of 'delegated design' only applies to the required depths of the piles and the size of the helical anchors necessary to achieve these loads. Please confirm that WMATA has reviewed and approved this foundation concept including the pile type and calculations that support these reactions.

Response No. 38 – Delegated design means the Contractor is responsible for the complete design and construction of the Helical Pile foundation. WMATA has accepted the Helical Pile concept. The Contractor is required to provide signed and sealed drawings, calculations for review/approval by WMATA and the Structural Engineer of Record. The Contractor is responsible for obtaining an Arlington County Permit prior to installing the piles. The cost of the Permit shall be paid by the Contractor and copies of the Permit are to be provided to the Project Officer.

Question No. 39 – Sheet F-101 shows the vertical piping for the forced sanitary on the exterior of the east Elevator shaft wall. Due to the limited access between the SOE wall and the CIP wall, this will require some form of flowable backfill to meet the requirements. Please confirm this is acceptable.

Response No. 39 – See response to Question No. 38.

Question No. 40 – Spec section 02952 for Trenchless Crossings is included in the project specifications. Is it intended for the forced sanitary and storm lines to be trenchless? Trenchless crossings require pits on either side and since the project scope requires tie-ins to existing manholes this approach may not be practical.

There are a number of existing utilities in the area of these crossings that cannot be located exactly without test pitting and uncovering the utilities that are marked. Please clarify the intent.

Response No. 40 – There is no specific intent. The Section is included to accommodate Means and Methods which is the Contractor’s responsibility.

Question No. 41 – Detail 2 on VT-102 shows a waterproof elevator jack casing. Please confirm that the installation of the elevator, the drilling of the casing, the installation of the steel casing, and the placing of concrete is part of this project.

Response No. 41 – It is included in the Scope of Work.

Question No. 42 – This document states that the Quality Control manager must be a registered professional engineer. Given the size and complexity of the project, please consider removing this requirement. Also, please clarify the counties desired time commitment from the QCM. Again, considering the size and complexity, we feel that a part time role is more than acceptable with QC staff reporting to the QCM as part of their duties.

Response No. 42 – The requirement remains as set forth in the solicitation document.

Question No. 43 – Note 7 on Sheet A-001 states that the contractor is responsible for painting all exposed steel, decking, piping, conduit, sprinkler piping, and ducts in areas without a ceiling and are scheduled to receive a paint finish per the interior finish notes. No paint schedule is attached in the drawings. Please provide the paint schedule indicating which items will receive a paint finish.

Response No. 43 – The vestibule has a finished ceiling. Note 7 does not apply.

Question No. 44 - Please confirm all signage design is to meet the requirements found in the WMATA Signage Manual Issue 10.2019. Note 2 states prior to manufacture of signs all shop drawings and signage samples are to be submitted to WMATA for review and approval.

The material stated in the drawings for types 1 and 4 are different than the WMATA manual, and the material type for signage in details 2/A-701, 2/A-701A and 3/A-701A are not listed in the drawings but are shown in details 2.13, 2.25, 3.4 and 7.1 of the WMATA Manual.

Response No. 44 – Sign Type 1 should be vinyl applied directly to the door. Sign Type 4 may be made of machined zinc or thermal formed composite resin (No. 30 printing for adhesive applied lettering is acceptable. Sign Type 2 design is acceptable and is to be porcelain enamel. Sign Type 2 color is to be Metro Gray (Pantone 425C). Sign Type 3 is to be porcelain enamel with current layout. **ALL STATIC SIGNAGE should have font style Helvetioa Bold. ALL BRAILLE SIGNAGE should have Helvetioa Regular font style.**

WMATA signage shall meet signage standards in WMATA Signage Manual Issue 5.2018. A 2020 issue of the Signage Manual is available but the above guidance for the type signs noted above remain the same.

Question No. 45 – Clarify whether a) the Metro logo is layered vinyl applied to the frosted glass surface or b) the Metro logo is etched into the frosted glass surface on all sides at the elevator headhouse as shown in details 1/ A-201 - 4/ A-201

Response No. 45 – Metro logo is layered vinyl.

Question No. 46 – Sign types found in details 2/A-701A and 3/A-701A are shown their general locations above the elevator call box in detail 4/A-201 Elevator South Elevation. It does not call out specific elevation requirements. Please confirm elevations of both signs are to follow detail 7/A-701 when installed above the elevator call box.

Response No. 46 – Elevator braille sign typical mounting height is a maximum 60” to the base of the highest raised lettering from the finish floor. When a Contractor is selected an Amendment, if needed, of drawings with elevations will be issued.

Question No. 47 – Material of signage types in details 2/A-701A and 3/A-701A is not listed in the drawings. Please confirm both types are to follow WMATA Signage Manual Issue 10.2019 or provide material type for both.

Response No. 47 – Sign Type 2 and 3 shall be porcelain enamel.

Question No. 48 - Per detail 2.13 in the WMATA Signage Manual Issue 10.2019 the elevator head house canopy at the street level is to incorporate a backlit Metro "M" on the outside end of each canopy beam. On this project these would be found on the east and west elevations per details 1/ A- 201 and 3/A-201 and require additional electrical and protective enclosures compared to the current design. Please confirm if this is required as there are no current details in the drawings.

Response No. 48 – This project is based on the WMATA signage Manual Issue 5-2018.

Question No. 49 – There is a UPS shown on the communications drawing but no UPS is shown in the power drawings. Is UPS to be included as a part of the solicitation?

Response No. 49 – There is no UPS. Any batteries would be a part of the elevator controller.

Question No. 50 - Please provide requirements for monitoring of existing WMATA structures.

Response No. 50 – Reference WMATA ACPM Section 4 for monitoring requirements.

Question No. 51 – The referenced note states that the County will provide and install pavement markings and traffic control signs. Please clarify the Contractors scope for MOT.

Does it include site fencing, Jersey Barriers, etc., or will they be installed by the County as part of the fiber relocation work prior to construction NTP.

Section 01000 states that the Contractor is responsible for obtaining and paying for the VDOT Permit, please confirm that this will be obtained and paid for by the County. Otherwise, please provide an allowance amount that can be used to ensure all bids *are* leveled

Response No. 51 – MOT is Contractor responsibility. Arlington County will not install MOT items noted on the approved MOT Plan. A VDOT permit is not required.

Question No. 52 The mezzanine ceiling detail (A-503, Detail 2) shows the ceiling grid with

perforated aluminum panels on top of a 1" thick polyethylene sheet and a brown bonded glass fiber mat. The reflected ceiling plan (A-103, Detail 3) appears to show the metal panels below the polyethylene sheet and fiber mat.

The aluminum metal pan design products listed appear to conform with the reflected ceiling plan rather than the detail. Please confirm that A-503, Detail 2 is the correct design for the acoustical ceiling grid or provide a new detail if necessary.

Response No. 52 – Detail e/A-103 does not have reflected ceiling plan. Acoustical ceiling is to comply with WMATA Design Development Drawings.

Question No. 53 – Please clarify the anticipated scope as described by "support and protect ex. structure "X" and 42" and 54" storm pipes."

Response No. 53 – This is a Contractor Means and Methods responsibility.

Question No. 54 – Who is responsible for providing the design for relocating the advertisement board and conduit at the existing WMATA wall panel that is to be removed.

Response No. 54 – Arlington County and WMATA will coordinate this Work.

Question No. 55 – The 4'-0" layout of the temporary construction barricade/Dust wall does not provide adequate workspace for the Contractor. Please clarify the maximum workspace available. We currently believe we will need an interior clearance of approximately 11 feet.

Response No. 55 – The existing passageway cannot be blocked. Construct per plan.

Question No. 56 – Will the County/WMATA allow for the existing Pentagon City Tunnel entrance be closed during the existing 42" wall removal and construction period? The formwork/shoring for this work may need to extend the entirety of the width of that tunnel making passenger access impermissible during that time period. If not, please provide clarification on the minimum width of the tunnel entrance that must be maintained for egress.

Response No. 56 – No. The tunnel/passageway cannot be closed. Minimum width is 14' per the demolition drawing. See Attachment No. 3-Mezzanine Floor Plan.

Question No. 57 – Please provide the anticipated WMATA review time for the SOE and helical pile submittal.

Response No. 57 – Thirty (30) business days are allotted for Submittal reviews.

Question No. 58 – For the conduit that is to be run within the existing WMATA station and passageway, please confirm conduit is to be run above the existing ceiling tile and provide anticipated amounts of ceiling tiles removal and replacement. Alternately, please confirm if we can route the conduit below the ceilings

Response No. 58 – Conduit in the station and passageway must be run above the ceiling tile. Ceiling quantities is Contractor determination.

Question No. 59 – Please note that the existing floor tiles and ceiling panels will be disturbed by the demolition and rebuild of the 42" concrete wall behind the temporary partition. Please clarify where we are to include this cost.

Response No. 59 – Incidental to other items.

Question No. 60 - Keynotes call out to relocate existing advertising, extend existing wiring and conduit serving sign to new location and reconnect. Where is the wire coming from and what is the size of the wire?

Response No. 60 – Unknown which panel it is connected to, so the Contractor shall include a bid price to extend standard wire and conduit, ¾" with #12 wires from the existing sign location to the new location which is a few feet.

Question No. 61 – – For the referenced details, which item in the price schedule is the overlapping waterproofing associated with?

Response No. 61 – See revised Attachment V-Price Schedule.

Question No. 62 - For the referenced details, which item in the Price Schedule is the Helical Pile waterproofing associated with?

Response No. 62 – See revised Attachment V-Price Schedule.

Question No. 63 - In the Division 03 price schedule, there is a line item for concrete equipment pads allowance. Can the Owner provide details of the pad(s) being referenced?

Response No. 63 – Based on the Contractor’s approved equipment Submittal and manufacturer Recommendation.

Question No. 64 - For the 3" mud slab shown on the contract drawings, what item in the price schedule should this be included in?

Response No 64 – See revised Attachment V-Price Schedule.

Question No. 65 - There is not a Price Schedule section for reinforcement, furnish/install of reinforcement, which item(s) in the Price Schedule should these be included into?

Response No. 65 – Include in the concrete unit price.

Question No 66 – The 4" protective layer of concrete on the PVC waterproofing layer is not specified in the Price Schedule. Which item on the Price Schedule should this be included in?

Response No. 66 – Incidental to the waterproofing layer unit price.

Question No. 67 – In Division 07, what other items are to be included in the last line item aside from expansion joints and firestopping?

Response No. 67 – Items determined by the Contractor for complete installation.

Question No. 68 - Railroad protective insurance coverage is listed as a required for this Contract in the Attachment S. However, typically Railroad Protective Insurance is carried if the work is

within 50' of the tracks. Please confirm that Railroad protective insurance coverage is required on this project.

Response No. 68 – Railroad Protective Insurance is not required. See Attachment No.1 – Exhibit E Minimum Required Insurance-Minimum Limits of Insurances

Question No. 69 - Note 7 and Sheet A-001 calls for painting of all exposed piping and conduit in areas with no ceiling. Does this include piping and conduit in the elevator machine room that will not be accessible to the public?

Response No. 69 – Yes.

Question No. 70 – Section 2.03 lists both non-drainable blade and drainable blade type louvers as being acceptable but "as indicated". That direction cannot be located. Please advise if a non-drainable or drainable blade louver is required.

In addition, please advise: 1) required louver depth. 2) required louver free area percentage. 3) if an industry standard 0.068" blade extrusion thickness for the louver blades would be acceptable.

Response No. 70 – 4" deep integrated louvers system with drainable fixed blades. Louvers are to match metal panels.

Question No. 71 – Section 2.05 mentions multiple screen types, but the details call for an insect screen. Please confirm an insect screen is required.

Response No. 71 – Confirmed, louver screen is required.

Question No.72 - Section 2.06 mentions Blank Off Panels; however, detail 1/23 of 68 does not show a blank off panel. Please advise if blank off panels are required. If blank off panels are required, please confirm an industry standard black finish is acceptable.

Response No. 72 – Blank off panels are typically used to cover the unused portion behind a louver.

There are not blank off panels in the details.

Question No. 73 - Section 2.08 mentions multiple finish types for the louvers. Please advise which is required.

Response No. 73 - The louvers are to be integral to the metal panel system and match specified finish.

Question No. 74 – Will Construction Specialties model A4097 be acceptable or similar, for example, industrial louvers SP437.

Response No. 74 – Integrated louvers system with drainable fixed blades. Louvers are to match metal panels.

Question No. 75 – Are there any parking meters that will be closed as part of the MOT and traffic configuration plan that will require the Contractor to carry costs to pay associated fees or are these fees the County's responsibility?

Response No. 75 – No. Not County responsibility as well.

Question No. 76 - Will there be any off-site parking requirements for trade labor on this project? If so, please provide the costs associated per space.

Response No. 76 – Staff parking for the project will not be provided by Arlington County. The Contract may wish to contact Pentagon City Mall regarding available spaces and negotiate negotiate directly for parking.

Question No. 77 – Are any FAA permits required due to the proximity of Reagan National Airport? Are there any fees that the Contractor shall carry associated with these permits?

Response No. 77 – No.

Question No. 78 – General Note 18 states that the contractor is to submit the elevator permit to

Steve Francisco in Code Enforcement. It is assumed since the elevator scope is by others that the obtaining and payment for this permit is by the County. Please confirm.

Response No. 78 – The elevator is to be purchase, permitted, installed by the Contractor. The permit is to be submitted to Steve Francisco in the Arlington County Inspection Services Division.

Question No. 79 – Our litter, recycle receptacles, inverted U bike racks are specified on the PENTAGON CITY 2ND ELEVATOR CONSTRUCTION PROJECT, THANK YOU! Please confirm the quantity of each?

Response No. 79 – There are no site furnishings (litter, recycle receptacles, inverted U bike racks) In the plans.

END OF QUESTION REPOSSES

ATTACHMENT NO. 1

EXHIBIT 3-CONSTRUCTION OF NEW ELEVATOR AT PENTAGON CITY METRORAIL STATION

MINIMUM REQUIRED INSURANCE-MINIMUM LIMITS OF INSURANCE

EXHIBIT E
Construction of New Elevator at Pentagon City Metrorail Station

I. MINIMUM REQUIRED INSURANCE: MINIMUM LIMITS OF INSURANCE

INSURANCE TYPE	LIMITS	BASIS
Workers' Compensation	Statutory	
Employers' Liability	\$500,000	Each Accident
	\$500,000	Disease Policy Limit
	\$500,000	Disease Each Employee
Commercial General Liability		
	\$3,000,000	Each Occurrence Limit
	\$6,000,000	General Aggregate Limit
	\$3,000,000	Products-Completed Operations Limit
Business Auto Liability		
	\$1,000,000	Combined Single Limit
Professional Liability		
	\$2,000,000	Each Claim
Pollution Liability		
	\$1,000,000	Each Claim

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

- A. Permittee is required to maintain the prescribed insurance outlined in this Exhibit B during the entire period of performance under this Permit. Permittee will not be allowed to begin the Project work until all required insurance has been approved by WMATA.

- B. The prescribed insurance coverage and limits of insurance are minimum required coverages and limits. Permittee is encouraged, at its sole cost and expense, to purchase any additional insurance coverages and or limits of insurance that Permittee deems prudent and necessary to manage risk in the completion of this Permit.
- C. Upon written request from WMATA, Permittee shall provide copies of any requested insurance policies, including applicable endorsements, within five (5) business days of such request.
- D. Receipt, review or communications regarding certificates of insurance (COI), insurance policies, endorsements, or other materials utilized to document compliance with these Minimum Insurance Requirements does not constitute acceptance by WMATA.
- E. Insurance companies must be acceptable to WMATA and must have an A. M. Best rating of at least A- VII.
- F. Unless otherwise noted, "Claims Made" insurance policies are not acceptable.
- G. Any insurance policy utilizing a Self-Insured Retention (SIR) requires written approval from WMATA.
- H. Permittee must incorporate these Minimum Insurance Requirements into contract requirements of all subcontractors of every tier; however, Permittee, at its sole peril, may amend these Minimum Insurance Requirements for its subcontractors, but doing so does not relieve Permittee from its respective liability to WMATA.
- I. Compliance with these Minimum Insurance Requirements does not relieve Permittee from Permittee's respective liability to WMATA, even if that liability exceeds the Minimum Insurance Requirements.

III. COVERAGE-SPECIFIC REQUIREMENTS

A. Commercial General Liability

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

B. Business Auto Liability

1. Business Auto Liability insurance shall be written on ISO Business Auto Coverage Form CA 00 01 03 06, or its equivalent. Equivalency determination shall be made in WMATA's sole and unreviewable discretion.
2. Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" Section below.
3. Policy shall be endorsed with a Waiver of Subrogation Endorsement(s) in compliance with the "Waiver of Subrogation" section below.
4. Business Auto Liability minimum Combined Single Limit requirements may be obtained through the combination of a primary business auto liability policy and an Umbrella/Excess Liability policy provided that the Umbrella/Excess Liability policy complies with items 2 and 3 above.
5. MCS-90 Endorsement for work involving the transportation or disposal of any hazardous material or waste off of the jobsite. If the MCS-90 Endorsement is required, minimum auto liability limits of \$5,000,000 per occurrence are also required as is form CA 99 48, broadened coverage for pollution liability.
6. Non-Owned Disposal Site (NODS) Endorsement is required providing coverage for Permittee's legal liability arising out of pollution conditions at the designated non-owned disposal site.

C. Professional Liability Insurance

Permittee, any subcontractor of any tier, or any supplier providing design services or the services of a professional engineer, including, but not limited to stamping, sealing, or certifying blueprints or other related documents, are required to maintain Professional Liability Insurance as follows:

- i. Actual coverage or tail coverage must be purchased and maintained at least up to the statute of repose.
- ii. Coverage can be written on an "occurrence" or "claims-made" basis.
- iii. Coverage can be written on "non-admitted" paper.

D. Pollution Liability Insurance

Permittee, any subcontractor of any tier, or any supplier performing work that may in any way involve contact with, exposure to or release of hazardous materials including but not limited to construction, soil testing and demolition, is required to maintain Pollution Liability insurance as follows:

- i. Coverage can be written on an "occurrence" or "claims-made" basis.
- ii. Coverage can be written on "non-admitted" paper.
- iii. Policy shall be endorsed with Additional Insured Endorsement(s) in compliance with the "Additional Insured" section below.

IV. ADDITIONAL INSURED

- A. Permittee and subcontractors of every tier are required to add WMATA and WMATA Board of Directors as additional insured on all required insurance including excess liability policies with the exception of Workers' Compensation and Professional Liability.
- B. Coverage provided to Additional Insured shall be primary and non-contributory to any other insurance available to the Additional Insured, including coverage

afforded to WMATA as an additional insured by subcontractors and from other third parties.

- C. Coverage provided to any Additional Insured shall be for claims arising out of both ongoing operations and products and completed operations hazard.
- D. Coverage available to any Additional Insured under the products and completed operations hazard can only be limited to the applicable statute of repose in the jurisdiction(s) where the Work takes place.
- E. Commercial General Liability and Umbrella/Excess Liability forms must provide defense coverage for additional insureds. The Additional Insured Endorsement shall provide coverage for Ongoing as well as Products and Completed Operations with no limitation on when claims can be made.

V. WAIVER OF SUBROGATION.

- A. Permittee and subcontractors of every tier are required to have all insurance policies except Professional Liability endorsed to waive the respective insurance company's rights of recovery against WMATA and the WMATA Board of Directors.
- B. Waiver shall be provided on an endorsement that is acceptable to WMATA.

VI. CERTIFICATE OF INSURANCE (COI)

- A. Permittee shall provide WMATA an ACORD Certificate of Insurance (COI) and copies of all required endorsements as evidence that the insurance requirements of this Section have been satisfied. Certificates of Insurance shall reference Permit PCN XXX in the "Description of Operations" box and be sent to WMATA. The Certificate Holder box should read:

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

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

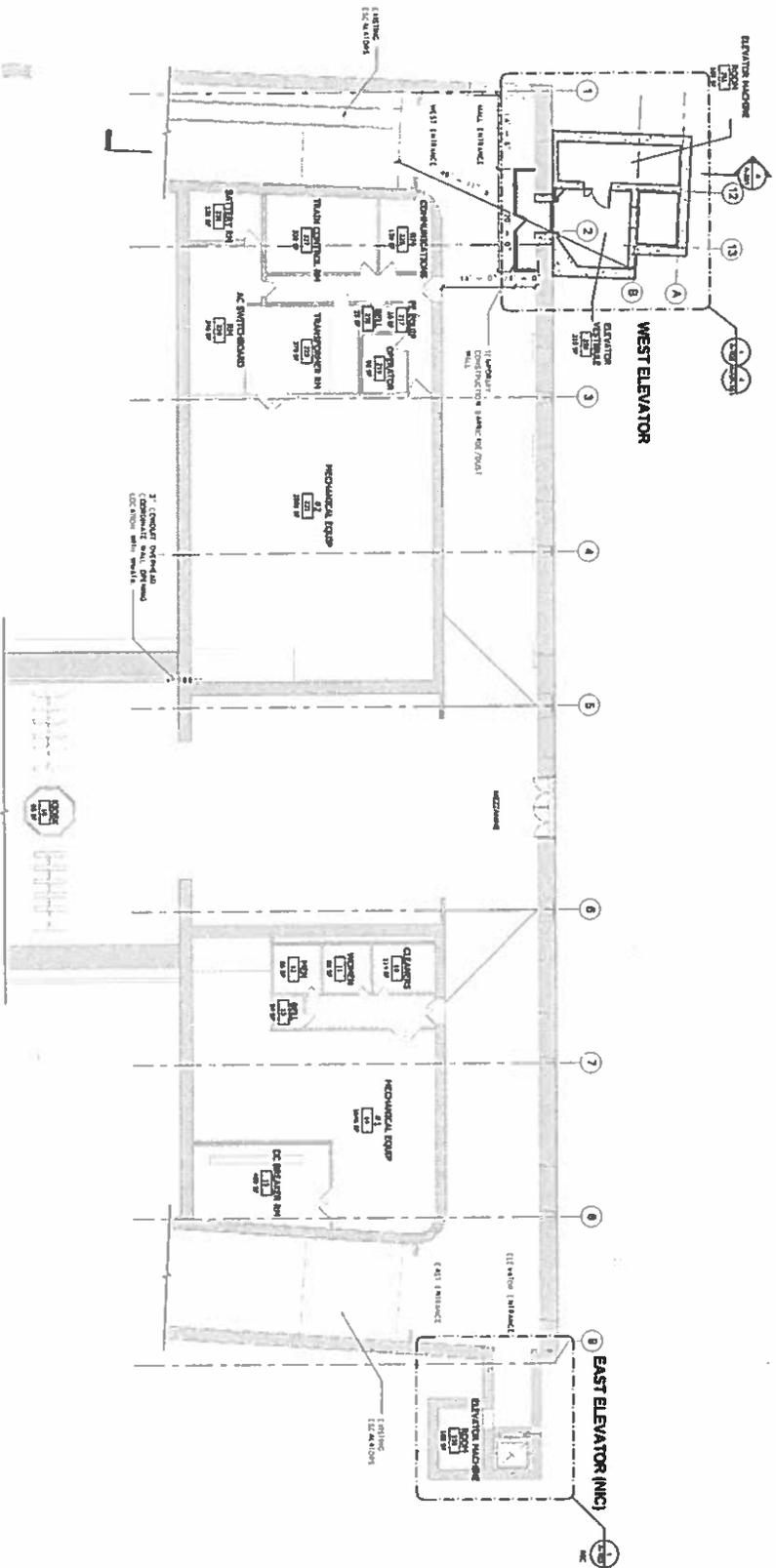
End of Document

ATTACHMENT NO. 2

BORING LOCATION PLAN

ATTACHMENT NO. 3

MEZZANINE FLOOR PLAN



MEZZANINE FLOOR PLAN



DEPARTMENT OF
 ENVIRONMENTAL SERVICES
 2000 Northampton Street, Suite 200
 Arlington, VA 22209
 Phone: 703.246.3100
 Fax: 703.246.3100

Approved: _____ Date: _____
 CONTRACT NUMBER: _____
 ELEVATOR CASE NUMBER: _____
 ELEVATOR MACHINE ROOM NUMBER: _____
 ELEVATOR HOISTWAY NUMBER: _____
 ELEVATOR LANDING NUMBER: _____
 ELEVATOR ENTRANCE NUMBER: _____
 ELEVATOR EXIT NUMBER: _____

Project Name and Location
**Pentagon City Station
 Elevator Project**
 Floor Plan
 South Hayes Street
 A-101

Designed: J2
 Drawn: J2
 Checked: J2
 Main: Kelly Townsend
 Plotted: 2/11/07
 Title: 100% PLANS - FOR CONSTRUCTION
 Scale: 1/8" = 1'-0"