



MARYLAND TRANSIT ADMINISTRATION

MARYLAND DEPARTMENT OF TRANSPORTATION

Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor
Beverly K. Swaim-Staley, Secretary • Ralign T. Wells, Administrator

TO: All Planholders
FROM: Maryland Transit Administration
SUBJECT: **ADDENDUM NO. 4**
Contract No.: T-1282-0140
Central Control Center Security Upgrades
DATE: February 17, 2012

Enclosed and effective this date is Addendum No. 4 to the subject Contract. This change delays the Bid Opening Date to **February 24, 2012**.

A conformed copy of the revised specification sections is attached. A list of the changes made to this contract is attached to this Addendum. Also attached are answers to contractors' questions.

The Bidder shall acknowledge receipt of this Addendum by completing and returning this form with the bid package.

All other terms and conditions remain unchanged.

Sincerely,

Gary R. Lockett, Procurement Officer
Construction/Installation & Professional Services Section
Procurement Division

Acknowledgement of receipt of ADDENDUM # 4 to Solicitation #T-1282-0140

Vendor Name: _____

Authorized Representative's Signature

Date

ADDENDUM NO.: 4
DATE: 02/17/12
CONTRACT NO.: T-1282-0140

The following additions, deletions, and modifications are hereby made a part of the Contract Documents of Central Control Center Security Upgrades, Contract No.: T-1282-0140.

Item No.	Page	Modification
I. CONTRACT SPECIFICATIONS		
1	BF pg. 1	Replace first page only Revised bid due date to February 24, 2012
2	Spec Section 15806	Replace in its entirety Clarified exposed and concealed insulation with duct-wrap

Also attached are the answers to contractors' questions.

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION

BID FORM

FOR

CONTRACT NO.: T-1282-0140

TO: MARYLAND TRANSIT ADMINISTRATION
ATTN: PROCUREMENT DIVISION
6 SAINT PAUL STREET, 7TH FLOOR
BALTIMORE, MD 21202-1614

BID OPENING DATE:

February 24, 2012

BID OPENING TIME:

2:00 PM

BID OF: _____
(Bidder's Name)

PROJECT DESCRIPTION:

This Contract is for reconstruction of lower level one and the second floor of the Maryland Transit Administration's (MTA) Operations Control Center (OCC) Building. This project also includes Mechanical, Electrical and Plumbing (MEP) improvements and the addition of an emergency back-up generator.

1. This bid is hereby submitted to the Maryland Transit Administration (hereinafter sometimes called the "Administration") in response to NOTICE TO CONTRACTORS dated _____.
2. The UNDERSIGNED has thoroughly examined, acknowledges receipt of, and is familiar with the Contract Documents as well as the various instructions, information, and requirements covering the same, all as mentioned herein and in said NOTICE TO CONTRACTORS.
3. In compliance with said NOTICE TO CONTRACTORS the UNDERSIGNED hereby proposes to furnish all labor, equipment, and materials and perform all work described and in strict accordance with the provisions of the Contract Documents for the consideration of the amounts, lump sum and unit prices listed in the attached Unit Price Schedule, and agrees that, upon Notice of Award, within one hundred fifty (150) calendar days after the date of opening of bids, unless mutually extended, he will within ten (10) calendar days after receipt of the prescribed forms, execute the Contract and furnish a performance bond and payment bond (if such bonds are required by the Contract Documents) on forms furnished by the Administration with good and sufficient surety or sureties.
4. The UNDERSIGNED agrees and understands that the time of completion is as specified in the Special Provisions, unless the completion dates are extended as provided for in the Contract Documents.
5. The UNDERSIGNED agrees to pay liquidated damages in the amount specified in the Special Provisions for each and every calendar day after the completion date that the work remains incomplete unless an extension is granted as provided for in the Contract Documents.
6. The UNDERSIGNED hereby certifies that the _____

SECTION 15086

DUCT INSULATION

PART 1 - GENERAL

1.01 SCOPE

- A. Duct insulation.
- B. Duct Liner.

1.02 RELATED REQUIREMENTS

- A. Section 15075 - Mechanical Identification.
- B. Section 15810 - Ducts: Glass fiber ducts.

1.03 REFERENCE STANDARDS

- A. ASTM C 518 - Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus; 2004.
- B. ASTM C 553 - Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications; 2008.
- C. ASTM C 1338 - Standard Test Method for Determining Fungi Resistance of Insulation Materials and Facings; 2008.
- D. ASTM E 84 - Standard Test Method for Surface Burning Characteristics of Building Materials; 2010.
- E. ASTM E 96/E 96M - Standard Test Methods for Water Vapor Transmission of Materials; 2005.
- F. ASTM G 21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi; 1996 (Reapproved 2002).
- G. NFPA 255 - Standard Method of Test of Surface Burning Characteristics of Building Materials; National Fire Protection Association; 2006.
- H. SMACNA (DCS) - HVAC Duct Construction Standards - Metal and Flexible; Sheet Metal and Air Conditioning Contractors' National Association; 2005.
- I. UL 723 - Standard for Test for Surface Burning Characteristics of Building Materials; Underwriters Laboratories Inc.; Current Edition, Including All Revisions.

1.04 PRODUCT INDEX AND SUBMITTAL REQUIREMENT

- A. Products specified within this Section are listed below. Provide submittals for Engineer review for only those Products indicated. Refer to Section 15010 - BASIC MECHANICAL REQUIREMENTS.

PRODUCT INDEX	SUBMITTAL REQUIRED
Flexible Glass Fiber - Duct Wrap	YES

1.05 QUALITY ASSURANCE

- A. Refer to Section 15010 - BASIC MECHANICAL REQUIREMENTS.
- B. Manufacturer Qualifications: Company specializing in manufacturing products of the type specified in this section with not less than three years of experience.
- C. Applicator Qualifications: Company specializing in performing the type of work specified in this section, with minimum 5 years of experience.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Refer to Section 15010 - BASIC MECHANICAL REQUIREMENTS.
- B. Accept materials on site in original factory packaging, labelled with manufacturer's identification, including product density and thickness.
- C. Protect insulation from weather and construction traffic, dirt, water, chemical, and mechanical damage, by storing in original wrapping.

1.07 WARRANTY

- A. Refer to Section 15010 - BASIC MECHANICAL REQUIREMENTS.

1.08 FIELD CONDITIONS

- A. Maintain ambient temperatures and conditions required by manufacturers of adhesives, mastics, and insulation cements.
- B. Maintain temperature during and after installation for minimum period of 24 hours.

PART 2 - PRODUCTS**2.01 REQUIREMENTS FOR ALL PRODUCTS OF THIS SECTION**

- A. Surface Burning Characteristics: Flame spread/Smoke developed index of 25/50, maximum, when tested in accordance with ASTM E 84, NFPA 255, or UL 723.

2.02 FLEXIBLE GLASS FIBER - DUCT WRAP

- A. Insulation: ASTM C 553; flexible, noncombustible blanket.
 - 1. 'K' value: 0.25 at 75 degrees F, when tested in accordance with ASTM C 518.
 - 2. Density: 1.5 lbs/cu ft
 - 3. Maximum Service Temperature: 250 degrees F.
 - 4. Maximum Water Vapor Sorption: 5.0 percent by weight.
- B. Vapor Barrier Jacket:
 - 1. Kraft paper with glass fiber yarn and bonded to aluminized film.
 - 2. Moisture Vapor Permeability: 0.02 perm inch, when tested in accordance with ASTM E 96/E 96M.
 - 3. Secure with pressure sensitive tape.
- C. Vapor Barrier Tape:
 - 1. Kraft paper reinforced with glass fiber yarn and bonded to aluminized film, with pressure sensitive rubber based adhesive.

- D. Manufacturer: Owens Corning Fiberglass Corp All Service Faced Duct Wrap Type 150, or similar by Johns Manville or Certain Teed.

2.03 DUCT LINER

- A. Insulation: Non-corrosive, incombustible glass fiber complying with ASTM C 1071; flexible blanket, rigid board, and preformed round liner board; impregnated surface and edges coated with poly vinyl acetate polymer, acrylic polymer, or black composite.
1. Fungi Resistance: ASTM G 21.
 2. Apparent Thermal Conductivity: Maximum of 0.31 at 75 degrees F.
 3. Service Temperature: Up to 250 degrees F.
 4. Rated Velocity on Coated Air Side for Air Erosion: 5,000 fpm, minimum.
 5. Minimum Noise Reduction Coefficients:
 - a. 1 inch Thickness: 0.45.
- B. Liner Fasteners: Galvanized steel, self-adhesive pad with integral head.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that ducts have been tested before applying insulation materials.
- B. Verify that surfaces are clean, foreign material removed, and dry.

3.02 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Flexible Glass Fiber - Duct Wrap
1. Install duct wrap insulation with facing outside so that tape flap overlaps insulation and facing at other end of piece of duct wrap. Tightly butt ends and edges. Care shall be taken to not excessively compress duct corners. Seams shall be stapled 6 inches on center with outward clinching staples, then sealed with pressure-sensitive tape to match facing.
 2. Where rectangular ducts are 24 inches wide or greater, additionally secure insulation to the bottom of the duct with mechanical fasteners, such as pins and speed clip washers, spaced 18 inches on center.
 3. Seal all tears, punctures, and other penetrations of the duct wrap insulation facing with tape or mastic to provide a vapor-tight system.
- C. Install in accordance with NAIMA National Insulation Standards.
- D. Duct Liner Application:
1. Adhere insulation with adhesive for 90 percent coverage.
 2. Secure insulation with mechanical liner fasteners. Refer to SMACNA HVAC Duct Construction Standards - Metal and Flexible for spacing.
 3. Seal and smooth joints. Seal and coat transverse joints.
 4. Seal liner surface penetrations with adhesive.
 5. Duct dimensions indicated are net inside dimensions required for air flow. Increase duct size to allow for insulation thickness.

3.03 SCHEDULES

A. Ductwork

APPLICATION	INSULATION TYPE	THICKNESS (inch)
Interior Heating / Cooling	Flexible Glass Fiber - Duct Wrap	2
Interior Exhaust	Not Required	0

- B. Insulate exposed supply, return and outside air ductwork, except where supply and return ductwork is located in the room being supplied. Concealed supply, return and outdoor air ducts are to be insulated.

PART 4 - MEASUREMENT AND PAYMENT

4.01 DUCT INSULATION

- A. Duct insulation will not be measured for payment.
- B. Duct insulation will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified.

END OF SECTION



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
1	Drawing E-19	On the specific notes # 3 indicates (new) 600a/3p ATS: #6 indicates 'existing' 400a/3p, #7 indicates 'existing' manual bypass switch, #16 indicates 'new' 400a/3p.....#16 CAN NOT LOCATE ON THE ACTUAL DRAWING....is this indeed a new transfer switch or is #6 being used in lieu of?	2/10/2012	Specific Notes #3 and #6 are correct. Specific Note #16 is no longer applicable to the project, and can be disregarded.
2	Insulation spec 15086-4 Par 3.03 duct insulation schedules call for Interior Heating/Cooling duct, insulated with duct-wrap.	Please clarify insulate supply ductwork only? or supply and return ductwork?	2/10/2012	Supply, return and outdoor air ductwork are to be insulated.
3	Insulation spec 15086-4 Par 3.03 duct insulation schedules call for Interior Heating/Cooling duct, insulated with duct-wrap.	Please clarify exposed and concealed to be insulated with duct-wrap?	2/10/2012	Insulate exposed supply, return and outside air ductwork, except where supply and return ductwork is located in the room being supplied. Concealed supply, return and outdoor air ducts are to be insulated.
4	Appendix C	How do we address wage rates that are not listed such as sheetmetal mechanic?	2/10/2012	As stated in Appendix C, "Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii))."



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
5	Section 09310	The ceramic wall tile selected comes in 6" x 6" and 12" x 12", however the only bullnose available for that product line is 4" x 8". Should I go ahead and use the 4" x 8" bullnose even though it won't match up with the grout lines or is there any way you would like me to proceed?	2/10/2012	Refer to elevation 3/A-14 on sheet A-14. The tile pattern indicated (behind the urinals) shows that for the base tiles (Cove base) are 6 "x 8" and for every third tile the vertical grout lines align/ match up. For the basis of design tiles, the cove base tiles have a rounded top edge which will work fine with Drywall above; however, where it calls for tile above the base, the top edge of the cove base tiles will need to be cut. The other option is to find tiles from another manufacturer similar to the basis of design tiles which offers cove base tiles with rounded and straight top edge option that will work for both the drywall and tile above conditions.
6	drawing A4 note 7	What steps should be taken to refurbish wall panels in the 2nd floor elevator lobby.	2/10/2012	The intent is to refurbish stainless steel wall panels to original condition. As panels are removed, they can be taken off site to have scratches and scuffs removed and any dents repaired to greatest extent possible.
7	drawing A7, rm 102a & 105	What is the detail at the semi-round corners (A-7 ,rm 102a&105) regarding installation of shades and side channels?	2/10/2012	The semi-round corners are to have chorded shades. The shades need not have side channels on the semi round areas. Side channels will be required at all other linear runs of shades in the conference rooms. A short, straight shade will be fabricated at a chamfered corner, between two mullions on either side of the curved window pane. Track guides can be placed on the mullions to either side to work with existing mullion and guide will enable shades to run straight across corner, between mullions.
8	drawing A7, rm 102a & 105	Will a new partition or mullion be constructed to create a straight line for shades to corner ?	2/10/2012	The semi-round corners are to have chorded shades.
9	Drawing A-16, detail 13	Drawing A-16 (detail 13) indicates double shade in fabricated pocket, but specs. list SIDE CHANNELS,which must be attached to mullions or walls for light control ,these items are not reflected in the drawings.	2/10/2012	Side channels are only required for the blackout and regular shades in the conference and briefing rooms. Side tracks can be mounted outside window frames and the side channels will need to track down from pocket to contain edges of shades. Refer to detail of "basis of design manufacturer" in Section 12494 for additional information.
10	Drawing A-7	Detail of folding partition wall ,where attached to window sections is needed (A-7)	2/10/2012	Please see detail 6 on drawing A-17.



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INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
11		Are the LCD monitors shown in plan view on drawings (A-5 & A-7), and in elevation on drawing A-12 to be provided by the contractor? If so please provide specification and identify Bid Item No. to include the costs.	2/14/2012	The LCD monitors are not part of this Contract. They will be procured under a separate contract.
12		Is any insulation required at above the exterior ceiling above the escalator?	2/14/2012	Exterior ceiling does have insulation that will come down when existing ceiling is removed during demolition. Provide new R-32 unfaced fiberglass batt insulation above ground level ceiling being replaced. New insulation shall be continuous across entire ground level ceiling.
13		In regards to the consoles as shown on Drawing A-21, is there a specific reason for the acrylic panels (08840) to be 3/8" thick? Could a more cost-effective 1/8" thick be used	2/14/2012	The panels are there to provide some privacy and to hide desk clutter from immediate view. Acrylic is being used because its translucent nature makes the panels look lighter and an opaque material will make the overall desk get a more heavy looking aesthetic, per the request of MTA operations.
14		In regards to the Woven Metal Fabric list as MF on the Finish Schedule on Drawing A-18, can a basis of design rigid mesh style be selected from the Cambridge Metals (i.e. Bead, Brick, Channel etc) or the basic dimensions of the mesh be provided. The price range for the rigid mesh is quite broad.	2/14/2012	Sheet A18, the schedule lists the Woven Metal Mesh fabric – MF as Cambridge Architectural; Rigid mesh - Channel with stainless steel finish; product number: 29SS.
15		Please confirm that wall tile is required on all 4 walls of bathrooms 203 & 204 per the Finish Schedule on sheet A-19. Not all walls are shown on elevations on sheet A-13.	2/14/2012	As noted on finish schedule on sheet A19, tile C2 & C3 shall be wall finish on all 4 walls of men's and women's rooms. Tile pattern shown on sheet A13 shall continue on walls not shown on elevations.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
16		It was determined that the AISC steel requirement would not be waived for the project during the prebid. I would like to ask the question again, but frame it differently. There are very few AISC certified erectors and fabricators in Maryland. In addition, the scope of the steel work on the project is not very large and consists mostly of minor modifications to the structure. We are having a lot of difficulty gaining interest from AISC certified installers and fabricators. This will drive the cost up for the project significantly as there will be very little competition and most will be from outside the state of Maryland. Can the AISC requirement be reconsidered and waived for this project?	2/14/2012	The AISC requirement cannot be waived.
17		With regards to the OCIP Add Alternate this is typically included and listed as a deduct alternate. Could the bid form be modified in this way? Feedback from subcontractors and our insurance broker is that OCIP programs are typically bid with an alt deduct. This should yield greater savings to the MTA in the event the project utilizes an OCIP program.	2/14/2012	No, the bid form can not be modified in this way.
18		A completed insurance cost worksheet is required with the bid per the bid form. Please clarify that this is required for the GC only and not every subcontractor or trade contractor. This would be impossible to obtain at the time of the bid because most subcontractors are not known until just prior to turning in the bid. There is not enough time to provide the amount of documentation required, fill out the bid form, provide MBE paperwork and hand deliver the bid. Furthermore, could the requirement to provide the worksheet be waived since you are getting an alternate price from each bidder anyway?	2/14/2012	The requirements are for the prime GC only. No, the requirement to provide the worksheet will not be waived.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
19		On page I-3 of 28, the required insurance amounts insurance amounts appear to be set up for a much larger project. For example the Umbrella Excess Liability is shown to be \$50 million per occurrence and aggregate on page I-3 of 28. However, on page I-12 of 28, the contractor is required to be \$5 Million per occurrence and aggregate. The workers compensation coverages also do not match between page I-3 of 28 and I-11 of 28. Please confirm that if the contractor is required to carry the insurance for the project, it will be per the lower amounts listed in section 1.2 on pages I-10 thru I-12 of 28 and not the amounts covered by the OCIP policy.	2/14/2012	As stated in the IFB, "The MTA OCIP will provide General Liability, Workers' Compensation, and Excess Liability coverage for contractors and subcontractors while performing Work on the project site. The Work specified in your Bid Request qualifies for the OCIP, therefore, General Liability, Workers' Compensation, and Excess Liability will be purchased on your behalf, for this Work." It also states that, "However, you must continue to purchase General Liability, Automobile Liability and Workers' Compensation, and Excess Liability for Work performed away from the Project site." The insurance quotes referenced on pages I-10-12 are in reference to the coverage for Work performed away from the Project site. On page I- 2 of 28 in the IFB, the Contractor will have to carry insurance levels for on-site work only if OCIP is discontinued. If the State does not cover this insurance, the Contractor would be expected to pay that cost as stated in the IFB.
20	Raised Access Flooring	Raised Access Flooring - Please verify that Rooms 200, 214 & 216 will not receive raised access flooring	2/14/2012	Rooms 200, 214 and 200 will not receive raised access flooring. Refer to elevations 1-A 12 and 4-A 12 on sheet A-12 for extents.
21	Lockers (Section 10505)	Spec calls for both single and double tier lockers. However, drawings do not differentiate between single and double tier. Please clarify.	2/14/2012	The lockers in the corridor LL 00 will be double tier lockers, while the lockers shown in restrooms LI-02 and LL-03 will be single lockers.
22	Lockers (Section 10505)	Corridor LL-00 – Please clarify if (11) frames shown are metal lockers.	2/14/2012	The (11) shown in Corridor LL-00 are metal lockers.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
23	Lockers (Section 10505)	Clean Room LL -13 – Please clarify is (5) frames shown are lockers.	2/14/2012	The (5) frames shown in Clean Room LL-13 are not lockers, but rather cabinets that will be provided by others.
24	Lockers (Section 10505)	Locksmith Room LL-11 – Please clarify if (9) frames shown are lockers.	2/14/2012	The (9) frames shown in Locksmith Room LL-11 are not lockers, but rather cabinets that will be provided by others.
25	Electrical	Please confirm conduit size, conduit run or if it is encased in concrete. Also please provide the spec on the generator pad.	2/14/2012	Per drawing G-8, sheet 09 of 107, indicates (4) 4 inch conduits from the generator pad to the building. The runs from the pad to the building are constructed under a different contract. The generator pad will be provided in accordance with the requirements of the generator selected by the contractor.
26	Drawing E-18	Is there any design for the grounding of the raised flooring system on drawing E-18?	2/14/2012	A grounding system is required for the raised flooring system. It is 'performance' based; directed in Spec Section 10270, 3.02, F. It indicates to ground the raised flooring system as recommended by the flooring system manufacturer and as required to comply with the performance requirements of the electric resistance of the floor coverings. No more than 10 ohms as measured without the floor coverings. We do note that the raised floor grounding system will need to be connected back to the building's service ground. Ground wire from flooring system to service ground should be no less than 3/0 Cu.
27	Drawing E-19	Drawing E-19 Note #11 indicates the ground from the generator to the 600 amp ATS to be #1 awg cu and detail #2 indicated 1/0 cu Which is correct?	2/14/2012	The ground wire, indicated at both locations should be #1 AWG Cu.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

				Responses to Questions
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
28	Drawing E-17, Design Allowance	Drawing E-17, Design Allowance: Additions and Alterations to 150' of cable tray. Is there any proposed design to indicate layout of cable tray, are there any fittings ("t's", crosses, ell's, etc.) required or will 150' of straight cable tray be required?	2/14/2012	There is no proposed design at this time. It will be determined by MTA at a later time. The design allowance gives the contractor notice that modifications will be necessary in this room, and that he should bid on this amount of cable tray. It should be assumed that some fittings will be necessary.
29		Drawing E-0 details Poke through device equal to Hubbell PT2X2, These do not meet Buy American Requirement, Is this acceptable?	2/14/2012	The device selected reflects the quality, w/ its features, that is indicated to be furnished and installed. The Buy American Requirement is required by MTA.
30	Spec. section 16620 2.1 B.	Spec. section 16620 2.1 B. The generator identified by Model No. does not meet Buy American Requirement, Is this acceptable?	2/14/2012	The generator selected reflects the performance and quality, w/ its features, that is indicated to be furnished and installed. The Buy American Requirement is required by MTA.
31	Bid Form	Regarding Unit Prices 085, 087, 088 and 089, are Conduit and Wire associated with these systems to be included in the unit prices for the system or are they to be included in unit price 083 which details conduit and wire among many other things?	2/14/2012	To be included in unit price 083.



MARYLAND TRANSIT ADMINISTRATION

MARYLAND DEPARTMENT OF TRANSPORTATION

Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor
Beverley K. Swaim-Staley, Secretary • Ralign T. Wells, Administrator

TO: All Planholders

FROM: Maryland Transit Administration

SUBJECT: **ADDENDUM NO. 3**
Contract No.: T-1282-0140
Central Control Center Security Upgrades

DATE: February 9, 2012

Enclosed and effective this date is Addendum No. 3 to the subject Contract. The Bid Opening will be delayed from the date of February 10, 2012 to **February 21, 2012 at 2:00 p.m., 6 St. Paul Street, Baltimore, MD 21202, Conference Room #731.**

This addendum will allow all contractors the opportunity to submit additional questions. The deadline for any additional questions will be **COB on Tuesday, February 14, 2012. THE MTA WILL UNDER NO CIRCUMSTANCES ACCEPT QUESTIONS AFTER THIS DEADLINE.**

The Bidder shall acknowledge receipt of this Addendum by completing and returning this form with the bid package.

All other terms and conditions remain unchanged.

Sincerely,

Gary R. Lockett, Procurement Officer
Professional Services/Construction/Installation Section
Procurement Division

Acknowledgement of receipt of ADDENDUM # 3 to Solicitation #T-1282-0140

Vendor Name: _____

Authorized Representative's Signature

Date

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION

BID FORM

FOR

CONTRACT NO.: T-1282-0140

TO: MARYLAND TRANSIT ADMINISTRATION
ATTN: PROCUREMENT DIVISION
6 SAINT PAUL STREET, 7TH FLOOR
BALTIMORE, MD 21202-1614

BID OPENING DATE:

February 21, 2012

BID OPENING TIME:

2:00 PM

BID OF: _____
(Bidder's Name)

PROJECT DESCRIPTION:

This Contract is for reconstruction of lower level one and the second floor of the Maryland Transit Administration's (MTA) Operations Control Center (OCC) Building. This project also includes Mechanical, Electrical and Plumbing (MEP) improvements and the addition of an emergency back-up generator.

1. This bid is hereby submitted to the Maryland Transit Administration (hereinafter sometimes called the "Administration") in response to NOTICE TO CONTRACTORS dated _____ .
2. The UNDERSIGNED has thoroughly examined, acknowledges receipt of, and is familiar with the Contract Documents as well as the various instructions, information, and requirements covering the same, all as mentioned herein and in said NOTICE TO CONTRACTORS.
3. In compliance with said NOTICE TO CONTRACTORS the UNDERSIGNED hereby proposes to furnish all labor, equipment, and materials and perform all work described and in strict accordance with the provisions of the Contract Documents for the consideration of the amounts, lump sum and unit prices listed in the attached Unit Price Schedule, and agrees that, upon Notice of Award, within one hundred fifty (150) calendar days after the date of opening of bids, unless mutually extended, he will within ten (10) calendar days after receipt of the prescribed forms, execute the Contract and furnish a performance bond and payment bond (if such bonds are required by the Contract Documents) on forms furnished by the Administration with good and sufficient surety or sureties.
4. The UNDERSIGNED agrees and understands that the time of completion is as specified in the Special Provisions, unless the completion dates are extended as provided for in the Contract Documents.
5. The UNDERSIGNED agrees to pay liquidated damages in the amount specified in the Special Provisions for each and every calendar day after the completion date that the work remains incomplete unless an extension is granted as provided for in the Contract Documents.
6. The UNDERSIGNED hereby certifies that the _____



MARYLAND TRANSIT ADMINISTRATION

MARYLAND DEPARTMENT OF TRANSPORTATION

Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor
Beverley K. Swaim-Staley, Secretary • Ralign T. Wells, Administrator

TO: All Planholders
FROM: Maryland Transit Administration
SUBJECT: **ADDENDUM NO. 2**
Contract No.: T-1282-0140
Central Control Center Security Upgrades
DATE: January 30, 2012

Enclosed and effective this date is Addendum No. 2 to the subject Contract. This change does not delay the Bid Opening Date.

A conformed copy of the revised specification sections is attached. A list of the changes made to this contract is attached to this Addendum. Also attached are answers to contractors' questions, if any.

The Bidder shall acknowledge receipt of this Addendum by completing and returning this form with the bid package.

All other terms and conditions remain unchanged.

Sincerely,

A handwritten signature in blue ink that reads "Gary R. Lockett".

Gary R. Lockett, Procurement Officer
Professional Services/Construction/Installation Section
Procurement Division

Acknowledgement of receipt of ADDENDUM # 2 to Solicitation #T-1282-0140

Vendor Name: _____

Authorized Representative's Signature

Date

ADDENDUM NO.: 2
DATE: 01/30/12
CONTRACT NO.: T-1282-0140

The following additions, deletions, and modifications are hereby made a part of the Contract Documents of Central Control Center Security Upgrades, Contract No.: T-1282-0140.

Item No.	Page	Modification
I. CONTRACT SPECIFICATIONS		
1	NTC 1-7	Notice to Contractors – replace in its entirety Changed required use of 50% of bidder's own forces to 35%
II. SPECIAL PROVISIONS		
2	Section 07419	Replace in its entirety Exterior ceiling and details updated
3	Section 10170	Replace in its entirety Drawing reference revised and updated
4	Section 10440	Replace in its entirety Updated to identify signage types and general locations
5	Section 12494	Replace in its entirety Updated to provide information about the blackout and regular shade requirements for the conference and briefing rooms
III. CONTRACT DRAWINGS		
6	A-5	Revised to include additional details pertaining to the stair
7	A-18	The ground floor ceiling information has been added
8	A-19	Revised to show Fire Service and Tele/Data rooms are to remain unfinished
9	A-21	Revised to include three Snake Trays
10	E-3	The location of panels OL2 and OLE4 have been modified.
11	E-9	Revised to remove incorrect reference
12	E-12	Revised to include three Snake Trays
13	E-19	Reference to the design allowance size has been deleted from the plans; the MC cable alternate has been deleted from the plans.

*Also attached are the answers to contractors' questions.

*CD containing the Contract Plans (drawings) will be mailed by the COB today to all contractors who requested the original drawings.

**STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
NOTICE TO CONTRACTORS**

Central Control Center Security Upgrades

CONTRACT NO.: T-1282-0140

DATE: December 13, 2011

1. DESCRIPTION OF WORK

A. This Contract is for reconstruction of lower level one and the second floor of the Maryland Transit Administration's (MTA) Operations Control Center (OCC) Building. This project also includes Mechanical, Electrical and Plumbing (MEP) improvements and the addition of an emergency back-up generator.

B. Estimated value for this work is in the range of \$2,500,000 to \$5,000,000

2. PRE-BID MEETING & SITE VISIT

A Pre-Bid meeting for the purpose of explaining the Project will be held on January 3, 2012 at 10:00 a.m., local time at the Administration Headquarters, 6 St. Paul Street, 7th Floor Conference Rooms 731-732, Baltimore, Maryland 21202-1614.

A Site Visit will be held on January 3, 2012 immediately following the Pre-Bid Meeting.

A second Site Visit will be held on January 11, 2012 at 1PM. If you plan on attending, please contact Mr. Gary Lockett at glockett@mta.maryland.gov.

It is strongly suggested that the person(s) responsible for the preparation of bid documents for bidders attend the Pre-Bid Meeting and the site visit. **INSTRUCTIONS CRITICAL TO THE PREPARATION OF THE CONTRACT DOCUMENTS WILL BE PRESENTED AT THE PRE-BID MEETING.**

3. DEADLINE FOR QUESTIONS

Questions regarding the work should be directed in writing to Mr. Gary R. Lockett at the Administration Offices or via Internet address glockett@mta.maryland.gov. No facsimile messages will be accepted unless accompanied by telephone notification at (410) 767-3360. Our fax number is (410) 333-4810. Questions directed to this office must be received no later than January 20, 2012 at the close of the business day. Questions should be submitted on company letterhead. No interpretations other than written shall be binding on the Administration.

4. **BID DUE DATE & TIME**

Sealed Bids addressed to the Maryland Transit Administration, Contract Administration Department, 6 St. Paul Street, 7th Floor, Baltimore, Maryland 21202-6806, and marked "Bid for Contract No. T-1282-0140 – Central Control Center", will be received at the above address until but not after 2:00 P.M. local time, February 10, 2012. At that time, the Bids will be publicly opened and read aloud at a location at the same address. Hand delivered bids should be deposited in the Bid Box located on the 7th Floor before the 2:00 P.M. deadline.

Any bids received after the date and time specified shall not be considered.

5. **ELECTRONIC VERSION OF BID DOCUMENTS**

The bid documents will be available by electronic means. The Bidder acknowledges and accepts full responsibility to ensure that the Bidder has made no changes to the Administration's bid documents. In the event of a conflict between the versions of the bid documents in the bidder's possession and the version maintained by the Procurement Officer, the version maintained by the Procurement Officer shall govern.

6. **AVAILABILITY OF DOCUMENTS**

Specifications may be downloaded from the MTA web site located at www.mta.maryland.gov. Bidders will be required to register the first time specifications are downloaded and a login number will be assigned. This number should be used every time the bidder downloads the documents for this contract. Bidders must supply accurate information in order to receive notice of all subsequent addenda.

TO OBTAIN THE SPECIFICATIONS: Please visit MTA's website (www.mta.maryland.gov), follow the links for "Business" – "Procurement" – "Bids/Solicitations", and download the Specifications for this procurement.

TO OBTAIN THE DRAWINGS: e-mail Mr. Gary R. Lockett at glockett@mta.maryland.gov requesting the contract drawings and supplying the following information: the contact person, company name, mailing address, phone # and e-mail address. The drawings (CD) will be mailed to you at no cost. You also have the option of picking up the CD containing the drawings at: 6 Saint Paul Street, 7th floor, Baltimore, MD 21202.

7. **ADDENDA**

Bidders are required to acknowledge all addenda with their bid package. Although the MTA endeavors to send out all addenda to this solicitation in a timely manner, it is the responsibility of the contractors to make sure they received all appropriate documents prior to the bid due date.

8. EMARYLAND MARKETPLACE REGULATIONS

Use of “e-Maryland Marketplace”

“e-Maryland Marketplace” is an electronic commerce system administered by the Maryland Department of General Services.

Registration is free and will provide a means for your business to receive e-mail notifications of upcoming contracting opportunities in specified areas of interest and expertise. This means that all such information is immediately available to subscribers to e-Maryland Marketplace. Because of the instant access afforded by e-Maryland Marketplace, it is recommended that all Bidders interested in doing business with Maryland State agencies subscribe to e-Maryland Marketplace. For more eMM registration information, visit the website: <http://ebidmarketplace.com>.

9. BID BOND

Each bid exceeding \$100,000 must be accompanied by a Bid Bond in the amount of five percent (5%) of the Bid Price. Bid, payment, and performance security may be in the form of: (1) a bond executed by a surety company authorized to do business in the State; (2) a bond executed by an individual surety that meets certain criteria; (3) another form of security required by State or federal law; or (4) another form of security satisfactory to the unit awarding the contract. Sections 13-207, 13-216, 17-104 of the State Finance and Procurement Article, Annotated Code of Maryland.

10. PAYMENT AND PERFORMANCE BONDS

Payment and Performance Bonds in the amount of the Contract Price will be required by the awardee. Upon receiving notification of contract award, the Contractor shall deliver the bond to the MTA no later than the time the Contractor executes the contract. Bid, payment, and performance security may be in the form of: (1) a bond executed by a surety company authorized to do business in the State; (2) a bond executed by an individual surety that meets certain criteria; (3) another form of security required by State or federal law; or (4) another form of security satisfactory to the unit awarding the contract. Sections 13-207, 13-216, 17-104 of the State Finance and Procurement Article, Annotated Code of Maryland.

11. ELECTRONIC FUNDS TRANSFER

On every solicitation for a contract expected to exceed \$200,000, the bidder will be required to accept payments by electronic funds transfer (EFT) unless the State Comptroller’s Office grants an exemption.

12. DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

- A. DISADVANTAGED BUSINESS ENTERPRISES ARE ENCOURAGED TO RESPOND TO THIS SOLICITATION NOTICE.**
- B. The Maryland Transit Administration hereby notifies all bidders that, in regard to any Contract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full opportunity to submit Bids in response to this Notice, and will not be subjected to discrimination on the basis of political or religious opinion or affiliation, race color, creed, sex, age or national origin in consideration for an award.
- C. It is the goal of the Administration that Disadvantaged Business Enterprises participate in all Contracts. Each Contract will contain goals for Disadvantaged Business Enterprise participation on a contract-to-contract basis. A subcontracting goal of thirty percent (30%) has been established for this procurement. All bidders must submit with their bid a fully executed copy of the Certified DBE Utilization and Fair Solicitation Affidavit (MDOT DBE FORM A) and DBE Participation Schedule (MDOT DBE FORM B). If the bidder fails to submit these completed forms with the bid as required, the procurement officer shall deem the bid non-responsive or shall determine that the offer is not reasonably susceptible of being selected for award. **ALL DBE FIRMS MUST BE CERTIFIED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION. NO OTHER CERTIFICATIONS WILL BE ACCEPTED.**
- D. A contractor may count toward its DBE goal 60 percent of its expenditures for materials and supplies required under the contract and obtained from a DBE regular dealer, and 100 percent of such expenditures to a DBE manufacturer. The DBE credited supplies may not exceed 60 percent of the entire contract goal.**
- E. New versions of Sections 13-103, 13-104 and 14-303 of the State Finance and Procurement Article of the Maryland Code, relating to increased bid/proposal documentation of DBE commitments, are effective as of October 1, 2004. The Contract under this solicitation will be awarded in accordance with these new requirements. As a result, new bid submission requirements, including certain revised DBE documents, are in effect for this solicitation. These new requirements are set forth elsewhere in this solicitation.
- F. As a result of the revisions to Sections 13-103, 13-104 and 14-303, certain existing portions of the Code of Maryland Regulations (COMAR) relating to post bid/proposal submission of DBE subcontractors are inconsistent with the revised statute. To the extent the provisions of COMAR relating to post bid identification of DBE subcontractors are inconsistent with the requirements of this solicitation, the requirements of this solicitation shall control the award of a Contract. Questions or concerns regarding the DBE requirements of this

solicitation must be raised prior to the opening of bids or receipt of initial proposals

- G. Effective on October 1, 2009, Minority Business Enterprise (MBE) firms may elect to be dually certification as woman-owned businesses and as members of an ethnic or racial category. For purposes of achieving any gender or ethnic/racial MBE participation subgoals in a particular contract, an MBE firm that has dual certification may participate in the contract either as a woman-owned business or as a business owned by a member of a racial or ethnic minority group, **but not both**.

WARNING – PLEASE READ:

- ◆ **A firm must be listed in the MDOT MBE/DBE Directory with the gender category in order to be used to meet the gender subgoal.**
- ◆ **A firm must be listed in the MDOT MBE/DBE Directory with an ethnic/racial category in order to be used to meet the ethnic/racial subgoal.**
- ◆ **A firm must be listed in the MDOT MBE/DBE Directory with both the gender and ethnic/racial categories in order for a contractor to have the option of selecting which of those categories it will use for the firm on a State contract.**
- ◆ **Contractors should designate whether the MBE firm will be used as a woman-owned business or as a business owned by a member of a racial/ethnic group before calculating the percentage of MBE participation goals and subgoals they intend to meet.**

Maryland's MBE/DBE Directory will reflect the dual certification status beginning October 1, 2009. You can access the MBE/DBE Directory at <http://mbe.mdota.state.md.us>. Firms with dual certification will now be listed as follows:

Example:

ABC Corporation, Inc.
123 Corporate Circle
Hanover, MD 21076
Female/African American
00-000

13. AFFIRMATIVE ACTION REQUIREMENTS

Bidders on this Work will be required to comply with MTA Affirmative Action Requirements and all applicable Equal Employment Opportunity Laws and Regulations.

14. FEDERAL FUNDING

Any contract resulting from bids submitted is subject to a Financial Assistance

Contract between the Administration and the U.S. Department of Transportation. Federal funds will be used to finance eighty percent (80%) of the cost of this contract.

15. SUSPENSION AND DEBARMENT CERTIFICATION

All bidders will be required to certify that they are not on the GSA List of Parties Excluded from Procurement and the List of Contractors Suspended or Debarred from Contracting with the State of Maryland. All bidders must also be in good standing with the State Assessment & Taxation Department.

16. CONTRACTOR'S QUESTIONNAIRE

All Bidders shall submit a fully executed copy the Contractor's Questionnaire Pre-Award Evaluation Data Form with the bid package.

17. INSURANCE REQUIREMENTS

The Administration has chosen to provide Workers' Compensation, General Liability, Excess Liability, Builders Risk, Pollution Liability and Railroad Protective coverage on behalf of Contractors and subcontractors working on this project. This approach to project insurance is commonly called a wrap-up or owner controlled insurance program (OCIP). Specific information regarding Liability Insurance Requirements is contained in the Contract Specifications.

Please note that an Insurance Cost Worksheet must be included with each bid package.

18. USE OF BIDDER'S OWN FORCES

The bidder with his own forces shall perform not less than thirty-five percent (35%) of the work at the project site.

19. BUY AMERICA REQUIREMENTS

This contract is subject to Section 165, "Buy America", of the Surface Transportation Assistant Act of 1982, U.S. Public Law 197-424, and regulations and/or guidance implementing this statutory provision issued by the Federal Transit Administration of the U.S. Department of Transportation. The contract is further subject to the Buy American Steel requirements of Chapter 02 of subtitle 11 of the Code of Maryland Regulations, Title 21, State Procurement Regulations.

20. CANCELLATION OR REJECTION OF BIDS

Notice to Contractors may be canceled in accordance with State Procurement Regulations.

The Administration reserves the right to reject any and all bids and/or waive technical defects if, in its judgment, the interests of the Administration so require.

SECTION 07419

METAL SOFFIT PANELS

PART 1 - GENERAL

1.01 SUMMARY:

- A. Section includes metal panels and associated suspension system for soffit system as indicated on the Drawings.

1.02 ACTION SUBMITTALS:

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified.

1.03 CLOSEOUT SUBMITTALS:

- A. Maintenance data.

1.04 MAINTENANCE MATERIAL SUBMITTALS:

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Metal Soffit Panels: Full-size units equal to 2 percent of quantity installed.
 - 2. Suspension-System Components: Quantity of each grid, exposed molding, and trim equal to 2 percent of quantity installed.
- B. Access Tools: Provide manufacturer's standard nonabrasive tools for removing installed panels; provide 12 tools total.

PART 2 - PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Provide metal panel systems capable of withstanding the effects of the following loads, based on testing according to ASTM E 1592:
 - 1. Wind Loads: 90 mph.

2. **Deflection Limits:** For wind loads, no greater than 1/240 of the span.
- B. **Thermal Movements:** Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
- C. **Temperature Change (Range):** 120 deg F, ambient; 180 deg F, material surfaces.

2.02 METAL SOFFIT PANELS:

- A. **Basis-of-Design Product:** Subject to compliance with requirements, provide USG Interiors, Inc.; Celebration snap-up, suspension hiding solid panels.
- B. **Size:** 2 feet by 8 feet.
- C. **Composition:** Aluminum, solid metal panels.
- D. **Finish:** As selected by Architect from manufacturer's anodized metal finishes.

2.03 DIRECT-HUNG, STANDARD-GRID, METAL SUSPENSION SYSTEM FOR METAL SOFFIT PANELS:

- A. **Basis-of-Design Product:** Subject to compliance with requirements, provide USG Interiors, Inc.; Environmental exterior Fineline DXFEV grid components.
- B. **Indirect-Hung, Snap-In System:** Designed to support metal pans that snap into main runners, consisting of main runners connected to carrying channels that are attached by hangers to building structure, and complying with the following requirements:
 1. **Metal Sheet:** Metal as standard with panel system manufacturer, with factory-applied protective finish complying with ASTM C 635/C 635M.
- C. **Carrying Channels:** Same member and metal as indicated for main runners.

- D. **Exterior Bracing Channels and Angles:** Cold-rolled steel, hot-dip galvanized to comply with ASTM A 653, G60 coating designation; size and profile as required to withstand wind load.
- E. **Exposed Metal Edge Moldings and Trim:** Provide exposed members as indicated or as required to comply with seismic requirements of authorities having jurisdiction, to conceal edges of and penetrations through panels, to conceal edges of panels and runners, for fixture trim and adapters, for fasciae at changes in soffit height, and for other conditions; of metal and finish matching soffit panels unless otherwise indicated.
 - 1. **Metal or extruded aluminum of types and profiles indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations, including light fixtures, that fit type of edge detail and suspension system indicated. Provide moldings with exposed flange of the same width as exposed runner.**
 - 2. **Finish of Exposed Materials: Match soffit panels.**

2.04 GENERAL FINISH REQUIREMENTS:

- A. **Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.**
- B. **Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.**

PART 3 - EXECUTION**3.01 INSTALLATION:**

- A. **General: Install metal soffit panels according to manufacturer's written instructions.**
- B. **Install edge moldings and trim of type indicated at perimeter of soffit area and where necessary to conceal edges of metal soffit panels.**

3.02 CLEANING

- A. **Remove temporary protective coverings and strippable films, if any, as metal panels are installed unless otherwise indicated in manufacturer's written installation instructions. On completion of metal panel installation, clean finished surfaces as recommended by metal panel manufacturer. Maintain in a clean condition during construction.**

PART 4 - MEASUREMENT AND PAYMENT

4.01 METAL SOFFIT SYSTEM:

- A. Metal Soffit System will not be measured for payment.
- B. Metal Soffit System will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified.

END OF SECTION

SECTION 10170**TOILET COMPARTMENTS****PART 1 - GENERAL****1.01 SUMMARY:**

- A. Section Includes:
 - 1. Solid-polymer toilet compartments configured as toilet enclosures.

1.02 ACTION SUBMITTALS:

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: For toilet compartments. Include plans, elevations, sections, details, and attachments to other work.
- C. Samples for each exposed product and for each color and texture specified.

1.03 CLOSEOUT SUBMITTALS:

- A. Maintenance data.

1.04 QUALITY ASSURANCE:

- A. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84, or another standard acceptable to authorities having jurisdiction, by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
 - 1. Flame-Spread Index: 75 or less.
 - 2. Smoke-Developed Index: 450 or less.
- B. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA) and Architectural Barriers Act (ABA) Accessibility Guidelines for Buildings and Facilities" and ICC/ANSI A117.1 for toilet compartments designated as accessible.

PART 2 - PRODUCTS**2.01 SOLID-POLYMER UNITS:**

- A. Basis-of-Design Product: Subject to compliance with requirements, provide product indicated on Drawings in Finish Schedule on Sheet A18.0 or comparable product by one of the following:
1. Comtec Industries/Capitol Partitions.
 2. Metpar Corp.
 3. Partition Systems Incorporated of South Carolina.
 4. Santana Products, Inc.
- B. Toilet-Enclosure Style: Overhead braced.
- C. Door, Panel, and Pilaster Construction: Solid, high-density polyethylene (HDPE) panel material, not less than 1 inch thick, seamless, with eased edges, and with homogenous color and pattern throughout thickness of material.
1. Integral Hinges: Configure doors and pilasters to receive integral hinges.
 2. Heat-Sink Strip: Manufacturer's standard continuous, extruded-aluminum strip fastened to exposed bottom edges of solid-polymer components to prevent burning.
 3. Polymer Panel Finish: One color and pattern in each room.
 - a. Color and Pattern: As indicated by manufacturer's designations.
- D. Pilaster Shoes and Sleeves (Caps): Manufacturer's standard design; stainless steel.
- E. Brackets (Fittings):
1. Stirrup Type: Ear or U-brackets, stainless steel.

2.02 ACCESSORIES:

- A. Hardware and Accessories: Manufacturer's standard design, heavy-duty operating hardware and accessories.

1. Material: Stainless steel.
 2. Hinges: Manufacturer's standard paired, self-closing type that can be adjusted to hold doors open at any angle up to 90 degrees.
 3. Latch and Keeper: Manufacturer's standard surface-mounted latch unit designed for emergency access and with combination rubber-faced door strike and keeper. Provide units that comply with regulatory requirements for accessibility at compartments designated as accessible.
 4. Coat Hook: Manufacturer's standard combination hook and rubber-tipped bumper, sized to prevent in-swinging door from hitting compartment-mounted accessories.
 5. Door Bumper: Manufacturer's standard rubber-tipped bumper at out-swinging doors.
 6. Door Pull: Manufacturer's standard unit at out-swinging doors that complies with regulatory requirements for accessibility. Provide units on both sides of doors at compartments designated as accessible.
- B. Overhead Bracing: Manufacturer's standard continuous, extruded-aluminum head rail with antigrip profile and in manufacturer's standard finish.
- C. Anchorages and Fasteners: Manufacturer's standard exposed fasteners of stainless steel or chrome-plated steel or brass, finished to match the items they are securing, with theft-resistant-type heads. Provide sex-type bolts for through-bolt applications. For concealed anchors, use stainless steel, hot-dip galvanized steel, or other rust-resistant, protective-coated steel.

2.03 FABRICATION:

- A. Overhead-Braced Units: Provide manufacturer's standard corrosion-resistant supports, leveling mechanism, and anchors at pilasters to suit floor conditions. Provide shoes at pilasters to conceal supports and leveling mechanism.
- B. Door Size and Swings: Unless otherwise indicated, provide 24-inch-wide, in-swinging doors for standard toilet compartments and 36-inch-wide, out-swinging doors with a minimum 32-inch-wide, clear opening for compartments designated as accessible.

PART 3 - EXECUTION**3.01 INSTALLATION:**

- A. General: Comply with manufacturer's written installation instructions. Install units rigid, straight, level, and plumb. Secure units in position with manufacturer's recommended anchoring devices.
- B. Clearances: Maximum 1/2 inch between pilasters and panels; 1 inch between panels and walls.
- C. Stirrup Brackets: Secure panels to walls and to pilasters with no fewer than three brackets attached at midpoint and near top and bottom of panel. Locate wall brackets so holes for wall anchors occur in masonry or tile joints. Align brackets at pilasters with brackets at walls.

3.02 ADJUSTING:

- A. Hardware Adjustment: Adjust and lubricate hardware according to hardware manufacturer's written instructions for proper operation. Set hinges on in-swinging doors to hold doors open approximately 30 degrees from closed position when unlatched. Set hinges on out-swinging doors to return doors to fully closed position.

PART 4 - MEASUREMENT AND PAYMENT**4.01 TOILET COMPARTMENTS:**

- A. Toilet Compartments will not be measured for payment.
- B. Toilet Compartments will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified.

END OF SECTION

SECTION 10440
PANEL SIGNAGE
PART 1 - GENERAL

1.01 SUMMARY:

- A. Section Includes:
 - 1. Room-identification signs.
 - 2. Symbols of Accessibility.

1.02 ACTION SUBMITTALS:

- A. Product Data: For each type of product.
- B. Shop Drawings: For room identification signs.
 - 1. Include fabrication and installation details and attachments to other work.
 - 2. Show sign mounting heights, and mounting conditions on each type of material.
 - 3. Show message list, timesteps, graphic elements, including raised characters and Braille, and layout for each sign at least half size.
- C. Samples: For each exposed product and for each color and texture specified.
- D. Sign Schedule: Create a sign schedule for all enclosed rooms in areas affected by new construction. Use room number. Designations specified or indicated on Drawings and coordinate room names with Owner. Lower new signs required for egress or symbols of accessibility in areas of new construction.

1.03 INFORMATIONAL SUBMITTALS:

- A. Sample warranty.

1.04 CLOSEOUT SUBMITTALS:

- A. Maintenance data.

1.05 WARRANTY:

- A. Special Warranty: Manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS**2.01 PERFORMANCE REQUIREMENTS:**

- A. Accessibility Standard: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities and ICC A117.1 for signs.

2.02 SIGNS:

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Allen Markings International.
 - 2. APCO Graphics, Inc.
 - 3. ASI Sign Systems, Inc.
 - 4. Best Sign Systems Inc.
 - 5. Mohawk Sign Systems.
 - 6. Poblocki Sign Company, LLC.
 - 7. Seton Identification Products.
 - 8. Supersine Company (The); Division of Stamp-Rite, Inc.
- B. Room-Identification Sign: Sign with smooth, uniform surfaces; with message and characters having uniform faces, sharp corners, and precisely formed lines and profiles; and as follows:
 - 1. Laminated-Sheet Sign: Photopolymer face sheet with raised graphics laminated over subsurface graphics to acrylic backing sheet to produce composite sheet.

- a. Composite-Sheet Thickness: Manufacturer's standard for size of sign.
 - b. Subsurface Graphics: Reverse halftone or dot-screen image.
 - c. Color(s): As selected by Architect from manufacturer's full range.
2. Sign-Panel Perimeter: Finish edges smooth.
 - a. Edge Condition: Square cut.
 - b. Corner Condition in Elevation: Square.
 3. Mounting: Manufacturer's standard method for substrates indicated with.

2.03 PANEL-SIGN MATERIALS:

- A. Acrylic Sheet: ASTM D 4802, Type UVF (UV filtering).

2.04 ACCESSORIES:

- A. Fasteners and Anchors: Manufacturer's standard as required for secure anchorage of signage, noncorrosive and compatible with each material joined, and complying with the following:
 1. Use concealed fasteners and anchors unless indicated to be exposed.
 2. Sign Mounting Fasteners:
 - a. Concealed Studs: Concealed (blind), threaded studs welded or brazed to back of sign material or screwed into back of sign assembly, unless otherwise indicated.
 - b. Projecting Studs: Threaded studs with sleeve spacer, welded or brazed to back of sign material or screwed into back of sign assembly, unless otherwise indicated.
- B. Adhesives: As recommended by sign manufacturer and with a VOC content of 70 g/L or less for adhesives used inside the weatherproofing system and applied on-site when calculated according to 40 CFR 59, Subpart D (EPA Method 24).

- C. Two-Face Tape: Manufacturer's standard high-bond, foam-core tape, 0.045 inch thick, with adhesive on both sides.
- D. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.

2.05 FABRICATION:

- A. General: Provide manufacturer's standard sign assemblies according to requirements indicated.
- B. Surface-Engraved Graphics: Machine engrave characters and other graphic devices into panel surface indicated to produce precisely formed copy, incised to uniform depth.
 - 1. Engraved Opaque Acrylic Sheet: Fill engraved graphics with manufacturer's standard enamel.
 - 2. Face-Engraved Clear Acrylic Sheet: Fill engraved copy with manufacturer's standard enamel. Apply manufacturer's standard opaque background color coating to back face of acrylic sheet.
- C. Subsurface-Applied Graphics: Apply graphics to back face of clear face-sheet material to produce precisely formed image. Image shall be free of rough edges.
- D. Subsurface-Engraved Graphics: Reverse engrave back face of clear face-sheet material. Fill resulting copy with manufacturer's standard enamel. Apply opaque manufacturer's standard background color coating over enamel-filled copy.
- E. Brackets: Fabricate brackets, fittings, and hardware for bracket-mounted signs to suit sign construction and mounting conditions indicated. Modify manufacturer's standard brackets as required.

PART 3 - EXECUTION

3.01 INSTALLATION:

- A. General: Install signs using mounting methods indicated and according to manufacturer's written instructions.
 - 1. Install signs level, plumb, true to line, and at locations and heights indicated, with sign surfaces free of distortion and other defects in appearance.

2. Install signs so they do not protrude or obstruct according to the accessibility standard.
 3. Before installation, verify that sign surfaces are clean and free of materials or debris that would impair installation.
- B. Mounting Methods:
1. Projecting Studs: Using a template, drill holes in substrate aligning with studs on back of sign. Remove loose debris from hole and substrate surface.
 - a. Masonry Substrates: Fill holes with adhesive. Leave recess space in hole for displaced adhesive. Place spacers on studs, place sign in position, and push until spacers are pinched between sign and substrate, embedding the stud ends in holes. Temporarily support sign in position until adhesive fully sets.
 - b. Thin or Hollow Surfaces: Place spacers on studs, place sign in position with spacers pinched between sign and substrate, and install washers and nuts on stud ends projecting through opposite side of surface, and tighten.
 2. Adhesive: Clean bond-breaking materials from substrate surface and remove loose debris. Apply linear beads or spots of adhesive symmetrically to back of sign and of suitable quantity to support weight of sign after cure without slippage. Keep adhesive away from edges to prevent adhesive extrusion as sign is applied and to prevent visibility of cured adhesive at sign edges. Place sign in position, and push to engage adhesive. Temporarily support sign in position until adhesive fully sets.
 3. Two-Face Tape: Clean bond-breaking materials from substrate surface and remove loose debris. Apply tape strips symmetrically to back of sign and of suitable quantity to support weight of sign without slippage. Keep strips away from edges to prevent visibility at sign edges. Place sign in position, and push to engage tape adhesive.
- C. Remove temporary protective coverings and strippable films as signs are installed.

PART 4 - MEASUREMENT AND PAYMENT

4.01 PANEL SIGNAGE:

- A. Signage will not be measured for payment.
- B. Signage will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified.

END OF SECTION

SECTION 12494
ROLLER SHADES
PART 1 - GENERAL

1.01 SUMMARY:

- A. Section includes:
 - 1. Manually operated roller shades with single rollers.
 - 2. Manually operated roller shades with double rollers.

1.02 ACTION SUBMITTALS:

- A. Product Data: For each type of product.
 - 1. Include styles, material descriptions, construction details, dimensions of individual components and profiles, features, finishes, and operating instructions for roller shades.
- B. Shop Drawings: Show fabrication and installation details for roller shades, including shadeband materials, their orientation to rollers, and their seam and batten locations.
- C. Samples: For each exposed product and for each color and texture specified.
- D. Roller-Shade Schedule: Use same designations indicated on Drawings.

1.03 INFORMATIONAL SUBMITTALS:

- A. Product certificates.
- B. Product test reports.

1.04 CLOSEOUT SUBMITTALS:

- A. Maintenance data.

1.05 QUALITY ASSURANCE:

- A. Installer Qualifications: Fabricator of products.

PART 2 - PRODUCTS**2.01 MANUFACTURERS:**

- A. **Basis-of-Design Manufacturer:** Subject to compliance with requirements, provide product by MechoShade Systems, Inc. or comparable product by one of the following:
 - 1. Draper Inc.
 - 2. Hunter Douglas Contract.
- B. **Source Limitations:** Obtain roller shades from single source from single manufacturer.

2.02 MANUALLY OPERATED SHADES WITH SINGLE ROLLERS

- A. **Chain-and-Clutch Operating Mechanisms:** With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.
 - 1. **Bead Chains:** Manufacturer's standard.
 - a. **Loop Length:** Full length of roller shade.
 - b. **Limit Stops:** Provide upper and lower ball stops.
- B. **Rollers:** Corrosion-resistant steel or extruded-aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.
 - 1. **Roller Drive-End Location:** Right side of inside face of shade.
 - 2. **Direction of Shadeband Roll:** Regular, from back of roller.
 - 3. **Shadeband-to-Roller Attachment:** Removable spline fitting integral channel in tube.
- C. **Mounting Hardware:** Brackets or endcaps, corrosion resistant and compatible with roller assembly, operating mechanism, installation accessories, and mounting location and conditions indicated.
- D. **Shadebands:**
 - 1. **Shadeband Material:** Light-filtering fabric.

- a. Type: 10% open basket weave.
 - b. Color: Select from manufacturer's full range of colors in this weave pattern.
2. Shadeband Bottom (Hem) Bar: Steel or extruded aluminum.
 - a. Type: Enclosed in sealed pocket of shadeband material.
 - b. Color and Finish: As selected by Architect from manufacturer's full range.
- E. Installation Accessories:
1. Exposed Headbox: Rectangular, extruded-aluminum enclosure including front fascia, top and back covers, endcaps, and removable bottom closure.
 - a. Height: Manufacturer's standard height required to enclose roller and shadeband when shade is fully open, but not less than 3 inches.
 2. Endcap Covers: To cover exposed endcaps.
 3. Closure Panel and Wall Clip: Removable aluminum panel designed for installation at bottom of site-constructed ceiling recess or pocket and for snap-in attachment to wall clip without fasteners.
 - a. Closure-Panel Width: 2 inches.
 4. Installation Accessories Color and Finish: As selected from manufacturer's full range.

2.03 MANUALLY OPERATED SHADES WITH DOUBLE ROLLERS

- A. Chain-and-Clutch Operating Mechanisms: With continuous-loop bead chain and clutch that stops shade movement when bead chain is released; permanently adjusted and lubricated.
1. Bead Chains: Manufacturer's standard.
 - a. Loop Length: Full length of roller shade.
 - b. Limit Stops: Provide upper and lower ball stops.
- B. Rollers: Corrosion-resistant steel or extruded-aluminum tubes of diameters and wall thicknesses required to accommodate operating mechanisms and weights and widths of shadebands indicated without deflection. Provide with

permanently lubricated drive-end assemblies and idle-end assemblies designed to facilitate removal of shadebands for service.

1. Double-Roller Mounting Configuration: Side by side.
 2. Inside Roller:
 - a. Drive-End Location: Right side of inside face of shade.
 - b. Direction of Shadeband Roll: Regular, from back of roller.
 3. Outside Roller:
 - a. Drive-End Location: Right side of inside face of shade.
 - b. Direction of Shadeband Roll: Regular, from back of roller.
 4. Shadeband-to-Roller Attachment: Removable spline fitting integral channel in tube.
- C. Mounting Hardware: Brackets or endcaps, corrosion resistant and compatible with roller mounting configuration, roller assemblies, operating mechanisms, installation accessories, and installation locations and conditions indicated.
- D. Roller-Coupling Assemblies: Coordinated with operating mechanism and designed to join up to three inline rollers into a multiband shade that is operated by one roller drive-end assembly.
- E. Inside Shadebands:
1. Shadeband Material: Light-filtering fabric.
 - a. Type: 10% open basket weave.
 - b. Color: Select from manufacturer's full range of colors in this weave pattern.
 2. Shadeband Bottom (Hem) Bar: Steel or extruded aluminum.
 - a. Type: Enclosed in sealed pocket of shadeband material.
- F. Outside Shadebands:
1. Shadeband Material: Light-blocking fabric.
 - a. Type: Opaque PVC free, acrylic coated polyester yarns.
 - b. Color: Select from manufacturer's full range of colors in this type.

2. Shadeband Bottom (Hem) Bar: Steel or extruded aluminum.
 - a. Type: Exposed with endcaps and integral light seal where bottom (sill) channels are indicated.
 - b. Color and Finish: As selected by Architect from manufacturer's full range.

G. Installation Accessories:

1. Exposed Headbox: Rectangular, extruded-aluminum enclosure including front fascia, top and back covers, endcaps, and removable bottom closure.
 - a. Height: Manufacturer's standard height required to enclose roller and shadeband when shade is fully open, but not less than 3 inches.
2. Endcap Covers: To cover exposed endcaps.
3. Closure Panel and Wall Clip: Removable aluminum panel designed for installation at bottom of site-constructed ceiling recess or pocket and for snap-in attachment to wall clip without fasteners.
 - a. Closure-Panel Width: 2 inches.
4. Side Channels: With light seals and designed to eliminate light gaps at sides of shades as shades are drawn down. Provide side channels with shadeband guides or other means of aligning shadebands with channels at tops.
5. Bottom (Sill) Channel or Angle: With light seals and designed to eliminate light gaps at bottoms of shades when shades are closed.
6. Installation Accessories Color and Finish: As selected from manufacturer's full range.

2.04 SHADEBAND MATERIALS:

- A. Shadeband Material Flame-Resistance Rating: Comply with NFPA 701. Testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.
- B. Light-Filtering Fabric: Woven fabric, stain and fade resistant.
 1. Source: Roller-shade manufacturer.

2. Type: Coated polyester.
 3. Weave: Mesh.
 4. Color: As selected by Architect from manufacturer's full range.
- C. Light-Blocking Fabric: Opaque fabric, stain and fade resistant.
1. Source: Roller-shade manufacturer.
 2. Type: Acrylic-coated polyester yarns with bonded Acrylic film.
 3. Color: As selected by Architect from manufacturer's full range.

2.05 ROLLER-SHADE FABRICATION:

- A. Product Safety Standard: Fabricate roller shades to comply with WCMA A 100.1, including requirements for flexible, chain-loop devices; lead content of components; and warning labels.
- B. Unit Sizes: Fabricate units in sizes to fill window and other openings as follows, measured at 74 deg F:
1. Between (Inside) Jamb Installation: Width equal to jamb-to-jamb dimension of opening in which shade is installed less 1/4 inch per side or 1/2-inch total, plus or minus 1/8 inch. Length equal to head-to-sill or -floor dimension of opening in which shade is installed less 1/4 inch, plus or minus 1/8 inch.
 2. Outside of Jamb Installation: Width and length as indicated, with terminations between shades of end-to-end installations at centerlines of mullion or other defined vertical separations between openings.
- C. Shadeband Fabrication: Fabricate shadebands without battens or seams to extent possible except as follows:
1. Vertical Shades: Where width-to-length ratio of shadeband is equal to or greater than 1:4, provide battens and seams at uniform spacings along shadeband length to ensure shadeband tracking and alignment through its full range of movement without distortion of the material.

PART 3 - EXECUTION**3.01 ROLLER-SHADE INSTALLATION:**

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, operational clearances, and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.
- C. Install roller shades level, plumb, and aligned with adjacent units, according to manufacturer's written instructions.
 - 1. Opaque Shadebands: Located so shadeband is not closer than 2 inches to interior face of glass. Allow clearances for window operation hardware.
- D. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
- E. Clean roller-shade surfaces after installation, according to manufacturer's written instructions.

PART 4 - MEASUREMENT AND PAYMENT**4.01 ROLLER SHADES:**

- A. Roller Shades will not be measured for payment.
- B. Roller Shades will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified.

END OF SECTION



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date
1	Bid Form 001	Is the total price of mobilization \$257,406.00 an allowance?	1/4/2012
2		Is it correct that Section 15800 Energy Management System is not included on the bid form?	1/4/2012
3		Who is the roofer that holds the warranty on the roof?	1/4/2012
4		What is the roof elevation?	1/4/2012
5		As on other Metro projects, please confirm that all EMS/ATC control conduit be rigid galvanized steel conduit per Section 16100-3.14-A.2?	1/4/2012
6	Page 16620-2; 2.1; General, B.	Page 16620-2; 2.1; General, B.; generator manufacturers are listed; please accept Kohler as a qualified manufacturer. Kohler 400REZXB generator model specifications are attached.	1/5/2012
7	Page 16620-4; 2.8; Housing, A.	Page 16620-4; 2.8; Housing, A.; indicates an 'outdoor weather protective housing to enclose the entire generator set'. Drawing E-19 sheet no. 86 of 107 indicates the generator to include a 'sound attenuated weather enclosure'. Please clarify standard weather housing or sound attenuation. Kohler manufacturers a sound attenuated enclosure meeting 71dBA @ 23 feet in a free field environment.	1/5/2012
8		Most of the mechanical specifications contain the section "Measurement and Payment" which states: A. Mechanical Section " will not be measured for payment." B. Mechanical Section " will be paid for at the lump sum unit price, complete, in place, accepted, which price will be full compensation for all material, equipment, tools, labor, and all work incidental to complete the item as specified." This statement implies that there will not be any progressive billing during the construction and that due to all the mechanical sections working together to form a complete mechanical system that we will not be compensated until the project is 100% complete in place and accepted. Please advise.	1/6/2012
9	Spec. 01522, G-8 drawing 9 of 107	Where should the engineer's office be located? Will it be at an off site metro station with parking?	1/8/2012

Responses to Questions

Response to Question

No. This is lump sum, as indicated on the bid form and it is distributed to the contractor as described in section 01130, 4.01.

Yes. All costs will be considered incidental to the item of work to which they pertain, as stated in section 16900, 4.01. Cardinal; 244 West Airpark Drive, Indian Lake, PA 16926; Phone 814-764-1987.

The building is approximately 66' high (above sidewalk). Confirmed.

MTA will consider other manufacturers proposed by the low bidder.

A sound attenuated weather protective housing is required.

The bid amount is lump sum. The contractor will report progress and be paid according to the progress for that period.

The contractor is expected to find a place for this office or lease some space nearby. The contractor can make arrangements to lease parking nearby.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

			Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
10	Spec. 01522, G-8 drawing 9 of 107	Will we need to provide sewer and water to the office or will spot-a-pots with handwashing be acceptable?	1/8/2012	A rest room with Hot and cold water supply is required per Section 01622, 3.01 D 2, since municipal water and sewer are available (see 101 B). The contractor also has the alternative to lease office space for staff in one of the nearby buildings.
11	Spec. 01522, G-8 drawing 9 of 107	Will we need to provide 6 parking spaces for the office or will parking be at a metro station and ride cards be provided for the Engineers?	1/8/2012	The contractor will need to provide the spaces per Section 016222 3.01 A. There is parking for lease in the area.
12	Drawing E-19, Note 14	In Drawing Notes No.14 it references a Pull Box that is labeled Design Allowance. By NEC Code that is undersized for the conduits running to it. Could you clarify the term Design Allowance?	1/9/2012	Please design the box to meet the code requirements for the conduit sizes, per the note on the plan. Reference to the design allowance size has been deleted from the plans.
13	Drawing E-20, Switchboard OS2	The Switchboard Schedule for OS2 shows adding 4 new breakers to this existing switchboard. Who is the manufacture of this switchboard?	1/9/2012	Federal Pacific.
14	Drawings E-20 through E-27, NOTE	On every drawing of Panel Schedules there is a Note asking to the contractor to field survey 12 various Panels and provide Panel Schedules. Could you provide addition information for each of these Panels? (Number of Breakers being used, Number of conduits entering the panels)	1/9/2012	No. MTA is requesting that these panels be surveyed and a schedule developed (like the schedules shown in the plans) as part of the contractor's scope of work.
15	Drawing E-19, Note 11	Note 11 indicate a Deduct Alternate for the use of MC cables instead of conduit. The Bid Form does not show any alternates. Could you clarify this Deduct Alternate?	1/9/2012	Please use conduit. The MC cable alternate has been deleted from the plans.
16	Drawing G-8, Generator Location	Will the reinforced concrete pad for the generator be provided under another contract? If so, will this pad be sized to match the generator? Will there be concerns that the ductbank stub-ups turn up in the correct location?	1/9/2012	The concrete pad will have to be furnished as part of this contract. The duct bank stub-ups may have to be field adjusted, depending on which generator is selected by the contractor.
17	Drawing G-8, Generator Location	Will the Retaining Wall be in place before the start of this project? If so, how tall is this retaining wall? Will there be access to place the Generator or will a crane be needed?	1/9/2012	The generator shall be delivered through the rear parking lot. The 6' + high wall is part of the parking lot project.
18	Drawing E-17, Cable Tray Notes	Please provide more information pertaining to the alterations needed to the existing cable tray. Please provide a drawing of the existing Cable Tray layout complete with size, locations, and type.	1/9/2012	The particular modifications necessary will be determined during construction. This work is part of the scope of this project.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date Response to Question
19	Drawings E-3 and E-12, Panelboard Locations	Please provide the location of panels OL2 and OLE4. Drawing E-19 shows OL2 to be in shaft 312 on the 1st floor but the shafts are shown on the drawings as East and West. Panel OLE4 is shown on E-19 to be in the Central Equipment Room 301 on the 1st floor. This panel is not shown on drawing E-3 with the other panels.	1/9/2012
20	Drawing E-1	Should the ballast of the light fixtures that are being demo be considered Hazardous material?	1/9/2012
21	Drawing E-15	The existing Liebert Unit appears to be shown with a new fused disconnect switch and a new homerun. Can the existing fused disconnect and circuitry be re-used and switch over to the new GEN Panel?	1/9/2012
22	Drawing E-12 and A-21	Note 7 on drawing E-12 refers to 27ft of Snake tray installed in the Control Desks, but Drawing A-21 elevations 3/A-21 and 4/A21 show two rows of cable tray. Please verify that there will be one or two rows of Snake Tray in each desk.	1/9/2012
23	Drawing E-16 and E-21 Panel Schedule GEN	There are (3) existing Mechanical Equipment shown on the Roof plan that are to be disconnected from their existing Panel and refeed to New Panel GEN (RTU, ACCU-1, ACCU-2). Can the existing Fused Disconnects and some of the existing circuitry be reused for the new feeder or should all new be provided?	1/9/2012
24	Section 05125	Will the MTA waive the Aisc requirement since we are a MDSHA approved vendor?	1/11/2012
25		What is the opening size if the three glass panels in the first floor elevator area facing the rear parking lot are removed to allow for the installation of the Liebert AC units?	1/13/2012
26	Drawing E-8 and E-9	On Drawing E-9 the Stairs and Elevator Lobby are encircled and reference to a Detail 2 on Drawing E-8. Drawing E-8 does not show a Detail 2. Could you clarify Detail 2?	1/16/2012



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date
27	Spec Section 16020	Could you provide a more Specific Scope of Work for the Third Party Testing Agencies? Does every circuit breaker (even down to a 1 pole 20Amp) need to be tested? Should Switchboard OS2 be completely tested or just the new circuit breakers?	1/16/2012
28	Switchboard OS2	Switchboard OS2 is shown having (4) new breaker installed. Switchboard OS2 is Manufactured by Federal Pacific which is no longer manufactured. We can supply used breakers but they will not have a Manufacturer's Warranty or a UL Label. Will there be any special requirements for Switchboard OS2?	1/16/2012
29	Sections 06410 & 06147	Will the MTA waive the AWI Quality Certification program for Cabinetry fabrication and Installation?	1/17/2012
30		I have not found a finish schedule for the ground floor.	1/17/2012
31	Section 07149	What type of texture, color, or finish options should the metal soffit panels be?	1/17/2012
32		What type of ceiling will go in the ground floor lobby?	1/17/2012
33	Section 01500	Can the Quality Control Manager, Qualified First Aid Attendant, and Safety Superintendent all be the same trained person? (Wear 3 hats?)	1/17/2012
34	Section 01450 sub section 1.02C	Will the Engineer require a full time on site CQC Plan manager based on the complexity of this project even though it is expected to be under 5 million?	1/17/2012
35		I have not seen any line items for asbestos or lead paint. Is it anticipated that there will be any abatement on this project?	1/17/2012

Responses to Questions

Response to Question

The testing agency is expected to test the switchboard, including all new circuit breakers.

There are third party replacement breakers available. The warranty and UL label is required.

No.

The ground floor ceiling information will be added to Sheet A-18. The only finishes being changed on Ground Floor are the ceilings. Interior ceiling on the ground floor is standard ceiling ACP 1 identified in finish schedule on A18. Exterior ceiling is metal soffit panels per section 07419.

Anodized metal, solid, no color. Section 07419 will be updated. Specification indicates that Architect to select from full range of finish samples. Selection can be limited to Architect to select from full range of Anodized metal finishes to eliminate a Premium Finish option.

The ground floor ceiling information will be added to Sheet A-18. See response to question 31.

These positions must be filled by three separate individuals.

While this project will be under \$6,000,000, its complexity will warrant the need for a full time on-site CQC Plan Manager.

Per Section 0222, 1.07 D, we do not anticipate any problems with hazardous materials. MTA is going to check the building before work begins and will be responsible for any necessary abatement. The contractor should report anything that is encountered, per Section 0222.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date
36		Due to the limited space on the jobsite, are the requirements for the engineer's office going to be upheld?	1/17/2012
37		In addition to our first question regarding the engineer's trailer, where is it proposed that we locate the trailers that we are to provide per the specs?	1/19/2012
38		Is it the intent to have all of the GCs that are bidding as primes provide 50% of the labor force? This issue was peripherally addressed at the pre-bid meeting and in the stated specs. This would preclude many GCs, including ourselves, due to the heavy mechanical components in the project..	1/19/2012
39	drawing A-19	On drawing A-19, on finish floor plan Fire Service room and Tele/Data room are shown to receive VCT-1, but on finish schedule on same page, Fire Service and Tele/Data rooms are not listed. Are the Fire Service and Tele/Data rooms to receive VCT-1 and VB1 as base or are they not receive any material based on finish schedule?	1/19/2012
40	drawings A-14	On drawings A-14, the elevations shown for rooms LL-02 and LL-03 are unclear, is the wall pattern shown on drawing A-13 detail 15 going to be the same wall pattern that is to be installed in rooms LL-02 and LL-03?	1/19/2012
41		What material is to be installed on the stair landing just outside the entrance to rooms LL-02 and LL-03, and are the stairs at that location to receive resilient stair treads and risers?	1/19/2012
42		What is maximum amount of time for HVAC / plumbing systems to be completely out of service during change over from existing systems to new systems?	1/20/2012
43		Who is responsible for moving & removing stored materials, shelving and clutter in mechanical areas?	1/20/2012
44		Who is responsible for moving MTA furnishings, equipment, computers from office areas required to perform our work?	1/20/2012

Response to Question

Yes. The contractor can find space to lease for a trailer or lease office space.

Either lease parking lot space or office space nearby.

The general contractor is expected to provide 35% of the labor force. This will be revised in the specifications.

Fire service and Tele/Data rooms are to remain unfinished (no VCT-1 and VB1) Drawing A-19 will be revised.

Yes, the wall patterns are the same as shown on A-13 detail 15.

Vinyl stair treads and risers shall be used on the stair landing outside LL-02 and LL-03. Sheet A-6 shall be revised to include additional details pertaining to the stair and sheet A-18 shall include information regarding the tread and riser finish.

This will vary, based on time of day, day of week, and whether there is an event. The outage will have to be coordinated with the resident engineer.

MTA will move the stored materials.

MTA forces will move MTA furnishings, equipment and computers.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date
45		What are the restrictions on elevator usages?	1/20/2012
46		Please provide information of roof and existing roof warranty	1/20/2012
47		The drawings show that existing AHU-1, in the lower level mechanical equipment room, is to remain in place and in service until the new AHU-1 has been installed and placed into service. However, the existing ductwork serving AHU-1, as shown on dwg M-9, appears to occupy the same location required to install the ductwork for the "new" AHU-1 shown on dwg M-16. Please advise.	1/20/2012
48		Is there an ATC contractor that currently services the system? Please provide contact information	1/20/2012
49		Where are the locations of panel numbers OHM1, OLM1, OHM2, and OLM2 for the MTA project. They are shown on the riser drawing but not on any other one.	1/20/2012
50	Spec section 10170	Spec section 10170 toilet compartments indicates that the basis of design manufacturer and model numbers can be found on the finish schedule on drawing A9. Drawing A9 does not include the toilet compartment schedule. Please provide direction to the toilet compartment schedule.	1/20/2012
51	Spec Section 10440	Spec Section 10440 panel signage provides various types of signage but the contract plans and spec does not include a signage schedule.	1/20/2012
52		What is the detail at the semi-round corners (A-7, room 102a&105) regarding installation of shades and side channels?	1/20/2012

Response to Question
This building will be occupied during construction. The length of time out of service shall be coordinated with the resident engineer. The elevator weight and size restrictions should be verified.
Cardinal; 244 West Alpark Drive, Indian Lake, PA 16926; Phone 814-764-1987
Please plan the construction work so as to minimize any outages. Any outages must be coordinated with, and approved by, the resident engineer.
Pritchett Controls has the METRO service contract. Phone no. 301-470-7300. Mr. Ba Kautia is familiar with the controls in this building.
OHM1 and OLM1 are located on E-13, in the lower level mechanical room. OHM2 and OLM2 are located on E-14, in the mechanical equipment room.
The drawing reference is incorrect. It should be A-18 Section 10170 will be updated.
Section 10440 will be updated to identify signage types and general locations. The signage plan and design will be provided by the signage contractor for review and approval by MTA.
The semi-round corners are to have chorded shades.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

			Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date	Response to Question
53		Clarification of what type of shades is required on all other windows other than the note on A-11, conference and briefing rooms.	1/20/2012	Section 12494 will be updated to provide information about the blackout and regular shade requirements for the conference and briefing rooms. Blackout shades are only required, however in the conference and briefing rooms. Note on Phase 1 drawing indicates solar shades only on offices and copy area, while conference and briefing rooms receive solar and blackout shades.
54	Drawing A-16 (detail 13)	Drawing A-16 (detail 13) indicates double shade in fabricated pocket, but specs list SIDE CHANNELS, which must be attached to mullions or walls for light control? These items are not reflected in the drawings.	1/20/2012	Side channels are only required for the blackout and regular shades in the conference and briefing rooms. Side tracks can be mounted outside window frames and the side channels will need to track down from pocket to contain edges of shades.
55		Are building mechanical, electrical, plumbing permits required, if so are permit plans prepared by design engineer?	1/20/2012	Permits are required. The contractor will secure the necessary permits.
56		Will a material lift be allowed on the sidewalk on the north and south sides of the building to hoist materials up to the mechanical room, 1st and 2nd floor windows?	1/20/2012	Yes, but the contractor shall coordinate the times with, and receive approval of the resident engineer. The contractor is also responsible for any damage that might occur.
57		Is there a location to set the engineers office trailer?	1/20/2012	The contractor is expected to find a space for the trailer or lease office space nearby.
58		Are utility connections available for the engineer's office trailer?	1/20/2012	No utility connection arrangements have been made by MTA. The contractor will make these arrangements or lease office space nearby.
59		Are as-built drawings available of the existing sprinkler system? Specs indicate system shown on contract drawings are schematic and intended for use as a guide, however there is no system shown on contract plans.	1/20/2012	As built sprinkler plans are not available.
60	Drawing A-5 note 3 / Spec section 01110-4.1.11	Drawing A-5 note 3 indicates furniture to be included in the contract. Spec section 01110-4.1.11 indicates that the furniture is the responsibility of the administration to purchase, deliver and install. Is the administration or the contractor responsible for the specified furniture? Details will be required if the furniture is the responsible for the contractor.	1/20/2012	MTA is providing and installing the furniture.



PROJECT: T-1282-0140 Central Control Center Security Upgrades

INVITATION FOR BID - QUESTIONS / RESPONSES

		Responses to Questions	
No.	Spec. Page #, Section & Para #	Question	Date
61	Drawing A-20	Drawing A-20 door schedule indicates 1 3/8" thick doors. The standard for commercial doors 1 3/4" thick. Is 1 3/4" thick doors acceptable?	1/20/2012
62		Spec section 08710-2.17 indicates specific doors to be provided with keypad readers, magnetic locks and intercoms. Drawing E-0 electrical notes indicates that the card readers, call buttons, release to exit buttons with all associated wiring and Mag-Lock to be provided by others. Drawing E-0 also indicates that the connection of the Mag-Lock to the fire alarm will be done under systems contract. A. Are the keypad readers, magnetic locks and intercoms to be provided under this contract? B. Are those specified as "others" under this contract? C. Is there difference between "others" and "systems contract"?	1/20/2012
63		Is there a location for the contractor office, toilet facilities, and temporary utilities?	1/20/2012
64		The drawings show 1" sound liner. What density should this liner be?	1/20/2012
65	Drawings M-20	Per Detail 6 on drawings M-20 should the inlet side of the VAV boxes be sound lined?	1/20/2012
66		What pressure rating would you like the duct to be constructed to?	1/20/2012
67		It is not specified how many copies of the bid is required. How many copies are needed to be included as a responsive bidder?	1/20/2012

Responses to Questions

The 1 1/4" doors are acceptable.

A. This contract only provides the conduit runs for these systems. Another contractor will be providing the wiring and hardware. B. Yes. C. "Others" is the systems contract.

The contractor is required to find a space for the trailer or lease office space nearby.

The 1" sound lining referred to on Detail 11 on drawing M-21 shall have the density necessary in order to meet a minimum noise reduction coefficient (NRC) of 0.45 per Section 16086, paragraph 2.03.

Yes.

3" of water gauge minimum.

We only need one original signed bid document; no copies are necessary.



MARYLAND TRANSIT ADMINISTRATION

MARYLAND DEPARTMENT OF TRANSPORTATION

Martin O'Malley, Governor • Anthony G. Brown, Lt. Governor
Beverly K. Swaim-Staley, Secretary • Ralign T. Wells, Administrator

TO: All Planholders
FROM: Maryland Transit Administration
SUBJECT: **ADDENDUM NO. 1**
Contract No.: T-1282-0140
Central Control Center Security Upgrades
DATE: January 5, 2012

Enclosed and effective this date is Addendum No. 1 to the subject Contract. This change does not delay the Bid Opening Date. This change adds an additional site visit, scheduled for **1PM** on **January 11, 2012**.

A conformed copy of the revised specification sections is attached. A list of the changes made to this contract is attached to this Addendum.

The Bidder shall acknowledge receipt of this Addendum by completing and returning this form with the bid package.

All other terms and conditions remain unchanged.

Sincerely,

Gary R. Lockett, Procurement Officer
Professional Services/Construction/Installation Section
Procurement Division

Acknowledgement of receipt of ADDENDUM # 1 to Solicitation #T-1282-0140

Vendor Name: _____

Authorized Representative's Signature

Date

Questions and MTA Responses

January 5, 2012

Addendum #1

Question 1: Would the owner allow a 2nd site visit for the specialty S/C which will be needed on this project, sometime during w/c Jan 9th if possible.

MTA Response: Yes, the date and time for the second site visit are provided in the revised Notice to Contractors in this Addendum #1.

**STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND TRANSIT ADMINISTRATION
NOTICE TO CONTRACTORS**

Central Control Center Security Upgrades

CONTRACT NO.: T-1282-0140

DATE: December 13, 2011

1. DESCRIPTION OF WORK

A. This Contract is for reconstruction of lower level one and the second floor of the Maryland Transit Administration's (MTA) Operations Control Center (OCC) Building. This project also includes Mechanical, Electrical and Plumbing (MEP) improvements and the addition of an emergency back-up generator.

B. Estimated value for this work is in the range of \$2,500,000 to \$5,000,000

2. PRE-BID MEETING & SITE VISIT

A Pre-Bid meeting for the purpose of explaining the Project will be held on January 3, 2012 at 10:00 a.m., local time at the Administration Headquarters, 6 St. Paul Street, 7th Floor Conference Rooms 731-732, Baltimore, Maryland 21202-1614.

A Site Visit will be held on January 3, 2012 immediately following the Pre-Bid Meeting.

A second Site Visit will be held on January 11, 2012 at 1PM. If you plan on attending, please contact Mr. Gary Lockett at glockett@mta.maryland.gov.

It is strongly suggested that the person(s) responsible for the preparation of bid documents for bidders attend the Pre-Bid Meeting and the site visit. **INSTRUCTIONS CRITICAL TO THE PREPARATION OF THE CONTRACT DOCUMENTS WILL BE PRESENTED AT THE PRE-BID MEETING.**

3. DEADLINE FOR QUESTIONS

Questions regarding the work should be directed in writing to Mr. Gary R. Lockett at the Administration Offices or via Internet address glockett@mta.maryland.gov. No facsimile messages will be accepted unless accompanied by telephone notification at (410) 767-3360. Our fax number is (410) 333-4810. Questions directed to this office must be received no later than January 20, 2012 at the close of the business day. Questions should be submitted on company letterhead. No interpretations other than written shall be binding on the Administration.

4. **BID DUE DATE & TIME**

Sealed Bids addressed to the Maryland Transit Administration, Contract Administration Department, 6 St. Paul Street, 7th Floor, Baltimore, Maryland 21202-6806, and marked "Bid for Contract No. T-1282-0140 – Central Control Center", will be received at the above address until but not after 2:00 P.M. local time, February 10, 2012. At that time, the Bids will be publicly opened and read aloud at a location at the same address. Hand delivered bids should be deposited in the Bid Box located on the 7th Floor before the 2:00 P.M. deadline.

Any bids received after the date and time specified shall not be considered.

5. **ELECTRONIC VERSION OF BID DOCUMENTS**

The bid documents will be available by electronic means. The Bidder acknowledges and accepts full responsibility to ensure that the Bidder has made no changes to the Administration's bid documents. In the event of a conflict between the versions of the bid documents in the bidder's possession and the version maintained by the Procurement Officer, the version maintained by the Procurement Officer shall govern.

6. **AVAILABILITY OF DOCUMENTS**

Specifications may be downloaded from the MTA web site located at www.mta.maryland.gov. Bidders will be required to register the first time specifications are downloaded and a login number will be assigned. This number should be used every time the bidder downloads the documents for this contract. Bidders must supply accurate information in order to receive notice of all subsequent addenda.

TO OBTAIN THE SPECIFICATIONS: Please visit MTA's website (www.mta.maryland.gov), follow the links for "Business" – "Procurement" – "Bids/Solicitations", and download the Specifications for this procurement.

TO OBTAIN THE DRAWINGS: e-mail Mr. Gary R. Lockett at glockett@mta.maryland.gov requesting the contract drawings and supplying the following information: the contact person, company name, mailing address, phone # and e-mail address. The drawings (CD) will be mailed to you at no cost. You also have the option of picking up the CD containing the drawings at: 6 Saint Paul Street, 7th floor, Baltimore, MD 21202.

7. **ADDENDA**

Bidders are required to acknowledge all addenda with their bid package. Although the MTA endeavors to send out all addenda to this solicitation in a timely manner, it is the responsibility of the contractors to make sure they received all appropriate documents prior to the bid due date.

8. EMARYLAND MARKETPLACE REGULATIONS

Use of "e-Maryland Marketplace"

"e-Maryland Marketplace" is an electronic commerce system administered by the Maryland Department of General Services.

Registration is free and will provide a means for your business to receive e-mail notifications of upcoming contracting opportunities in specified areas of interest and expertise. This means that all such information is immediately available to subscribers to e-Maryland Marketplace. Because of the instant access afforded by e-Maryland Marketplace, it is recommended that all Bidders interested in doing business with Maryland State agencies subscribe to e-Maryland Marketplace. For more eMM registration information, visit the website: <http://ebidmarketplace.com>.

9. BID BOND

Each bid exceeding \$100,000 must be accompanied by a Bid Bond in the amount of five percent (5%) of the Bid Price. Bid, payment, and performance security may be in the form of: (1) a bond executed by a surety company authorized to do business in the State; (2) a bond executed by an individual surety that meets certain criteria; (3) another form of security required by State or federal law; or (4) another form of security satisfactory to the unit awarding the contract. Sections 13-207, 13-216, 17-104 of the State Finance and Procurement Article, Annotated Code of Maryland.

10. PAYMENT AND PERFORMANCE BONDS

Payment and Performance Bonds in the amount of the Contract Price will be required by the awardee. Upon receiving notification of contract award, the Contractor shall deliver the bond to the MTA no later than the time the Contractor executes the contract. Bid, payment, and performance security may be in the form of: (1) a bond executed by a surety company authorized to do business in the State; (2) a bond executed by an individual surety that meets certain criteria; (3) another form of security required by State or federal law; or (4) another form of security satisfactory to the unit awarding the contract. Sections 13-207, 13-216, 17-104 of the State Finance and Procurement Article, Annotated Code of Maryland.

11. ELECTRONIC FUNDS TRANSFER

On every solicitation for a contract expected to exceed \$200,000, the bidder will be required to accept payments by electronic funds transfer (EFT) unless the State Comptroller's Office grants an exemption.

12. DISADVANTAGED BUSINESS ENTERPRISE PROGRAM

A. DISADVANTAGED BUSINESS ENTERPRISES ARE ENCOURAGED TO RESPOND TO THIS SOLICITATION NOTICE.

B. The Maryland Transit Administration hereby notifies all bidders that, in regard to any Contract entered into pursuant to this advertisement, Disadvantaged Business Enterprises will be afforded full opportunity to submit Bids in response to this Notice, and will not be subjected to discrimination on the basis of political or religious opinion or affiliation, race color, creed, sex, age or national origin in consideration for an award.

C. It is the goal of the Administration that Disadvantaged Business Enterprises participate in all Contracts. Each Contract will contain goals for Disadvantaged Business Enterprise participation on a contract-to-contract basis. A subcontracting goal of thirty percent (30%) has been established for this procurement. All bidders must submit with their bid a fully executed copy of the Certified DBE Utilization and Fair Solicitation Affidavit (MDOT DBE FORM A) and DBE Participation Schedule (MDOT DBE FORM B). If the bidder fails to submit these completed forms with the bid as required, the procurement officer shall deem the bid non-responsive or shall determine that the offer is not reasonably susceptible of being selected for award. **ALL DBE FIRMS MUST BE CERTIFIED BY THE MARYLAND DEPARTMENT OF TRANSPORTATION. NO OTHER CERTIFICATIONS WILL BE ACCEPTED.**

D. A contractor may count toward its DBE goal 60 percent of its expenditures for materials and supplies required under the contract and obtained from a DBE regular dealer, and 100 percent of such expenditures to a DBE manufacturer. The DBE credited supplies may not exceed 60 percent of the entire contract goal.

E. New versions of Sections 13-103, 13-104 and 14-303 of the State Finance and Procurement Article of the Maryland Code, relating to increased bid/proposal documentation of DBE commitments, are effective as of October 1, 2004. The Contract under this solicitation will be awarded in accordance with these new requirements. As a result, new bid submission requirements, including certain revised DBE documents, are in effect for this solicitation. These new requirements are set forth elsewhere in this solicitation.

F. As a result of the revisions to Sections 13-103, 13-104 and 14-303, certain existing portions of the Code of Maryland Regulations (COMAR) relating to post bid/proposal submission of DBE subcontractors are inconsistent with the revised statute. To the extent the provisions of COMAR relating to post bid identification of DBE subcontractors are inconsistent with the requirements of this solicitation, the requirements of this solicitation shall control the award of a Contract. Questions or concerns regarding the DBE requirements of this

solicitation must be raised prior to the opening of bids or receipt of initial proposals

- G. Effective on October 1, 2009, Minority Business Enterprise (MBE) firms may elect to be dually certification as woman-owned businesses and as members of an ethnic or racial category. For purposes of achieving any gender or ethnic/racial MBE participation subgoals in a particular contract, an MBE firm that has dual certification may participate in the contract either as a woman-owned business or as a business owned by a member of a racial or ethnic minority group, **but not both**.

WARNING – PLEASE READ:

- ◆ A firm must be listed in the MDOT MBE/DBE Directory with the gender category in order to be used to meet the gender subgoal.
- ◆ A firm must be listed in the MDOT MBE/DBE Directory with an ethnic/racial category in order to be used to meet the ethnic/racial subgoal.
- ◆ A firm must be listed in the MDOT MBE/DBE Directory with both the gender and ethnic/racial categories in order for a contractor to have the option of selecting which of those categories it will use for the firm on a State contract.
- ◆ Contractors should designate whether the MBE firm will be used as a woman-owned business or as a business owned by a member of a racial/ethnic group before calculating the percentage of MBE participation goals and subgoals they intend to meet.

Maryland's MBE/DBE Directory will reflect the dual certification status beginning October 1, 2009. You can access the MBE/DBE Directory at <http://mbe.mdot.state.md.us>. Firms with dual certification will now be listed as follows:

Example:

ABC Corporation, Inc.
123 Corporate Circle
Hanover, MD 21076
Female/African American
00-000

13. AFFIRMATIVE ACTION REQUIREMENTS

Bidders on this Work will be required to comply with MTA Affirmative Action Requirements and all applicable Equal Employment Opportunity Laws and Regulations.

14. FEDERAL FUNDING

Any contract resulting from bids submitted is subject to a Financial Assistance

Contract between the Administration and the U.S. Department of Transportation. Federal funds will be used to finance eighty percent (80%) of the cost of this contract.

15. SUSPENSION AND DEBARMENT CERTIFICATION

All bidders will be required to certify that they are not on the GSA List of Parties Excluded from Procurement and the List of Contractors Suspended or Debarred from Contracting with the State of Maryland. All bidders must also be in good standing with the State Assessment & Taxation Department.

16. CONTRACTOR'S QUESTIONNAIRE

All Bidders shall submit a fully executed copy the Contractor's Questionnaire Pre-Award Evaluation Data Form with the bid package.

17. INSURANCE REQUIREMENTS

The Administration has chosen to provide Workers' Compensation, General Liability, Excess Liability, Builders Risk, Pollution Liability and Railroad Protective coverage on behalf of Contractors and subcontractors working on this project. This approach to project insurance is commonly called a wrap-up or owner controlled insurance program (OCIP). Specific information regarding Liability Insurance Requirements is contained in the Contract Specifications.

Please note that an Insurance Cost Worksheet must be included with each bid package.

18. USE OF BIDDER'S OWN FORCES

The bidder with his own forces shall perform not less than fifty percent (50%) of the work at the project site.

19. BUY AMERICA REQUIREMENTS

This contract is subject to Section 165, "Buy America", of the Surface Transportation Assistant Act of 1982, U.S. Public Law 197-424, and regulations and/or guidance implementing this statutory provision issued by the Federal Transit Administration of the U.S. Department of Transportation. The contract is further subject to the Buy American Steel requirements of Chapter 02 of subtitle 11 of the Code of Maryland Regulations, Title 21, State Procurement Regulations.

20. CANCELLATION OR REJECTION OF BIDS

Notice to Contractors may be canceled in accordance with State Procurement Regulations.

The Administration reserves the right to reject any and all bids and/or waive technical defects if, in its judgment, the interests of the Administration so require.