



**Maryland
Transportation
Authority**

Martin O'Malley
Governor

Anthony Brown
Lt. Governor

Beverley Swaim-Staley
Acting Chairman

Peter J. Basso
Rev. Dr. William C. Calhoun, Sr.
Mary Beyer Halsey
Louise P. Hoblitzell
Richard C. Mike Lewin
Isaac H. Marks, Sr., Esq.
Michael J. Whitson
Walter E. Woodford, Jr., P.E.

Ronald L. Freeland
Executive Secretary

Geoffrey V. Kolberg, P.E.
Chief Engineer

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300 Authority Drive
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July 29, 2009

TO ALL PURCHASERS OF CONTRACT DOCUMENTS:

RE: Contract No. FT 748-000-002R
Roof Replacement East and West Vent Buildings
Fort McHenry Tunnel, Baltimore City

ADDENDUM NO. 1

To Whom It May Concern:

It is important that you acknowledge receipt of this Addendum No. 1 on the referenced contract regardless if you will be bidding or not bidding.

Very truly yours,

Linda McGill
Chief Procurement Officer

Enclosures

Contract No. **FT 748-000-002R**

This will acknowledge receipt of the attached Addendum No. 1.

NAME OF COMPANY

SIGNATURE

DATE

THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE SHALL BE RETURNED TO THIS OFFICE VIA **FAX AT 410-537-7801**, ATTENTION: MAGGIE JOHNSON PRIOR TO THE BID OPENING DATE.

IN ADDITION, THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



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RE: Contract No. FT 748-000-002R
Roof Replacement East and West Vent Buildings
Fort McHenry Tunnel, Baltimore City

ADDENDUM NO. 1

To Whom It May Concern:

The following changes have been made to the Contract **Invitation for Bid** Booklet:

1. **Delete** pages 087, 091, 091A, 104 and 105 and **add** the same numbered pages dated July 29, 2009, Addendum #1.
2. Attached are the minutes and MBE handouts and Purchasers List from the Pre-bid Meeting held on July 14, 2009.
3. The Bid Due Date for the above referenced contract remains the same August 6, 2009 at noon.

Very truly yours,

Linda McGill
Chief Procurement Officer

THE SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.

1.9 SEQUENCING AND SCHEDULING

- A. Sequence installation of modified bituminous sheet roofing with related units of work specified in other sections to ensure that roof assemblies including roof accessories, flashing, trim and joint sealers are protected against damage from effects of weather, corrosion and adjacent construction activity.
- B. All work must be fully completed on each day. Phased construction will not be accepted.

1.10 WARRANTY

- A. Upon completion of installation, and acceptance by the Owner and Manufacturer, the manufacturer will supply to the Owner the appropriate 25 year warranty. This comprehensive warranty shall cover all metal components and entire roof system installed for the length of the entire warranty period.
- B. Contractor will submit a minimum of a (5) five-year warranty to the membrane manufacturer with a copy directly to Owner.
- C. Membrane manufacturer will provide an annual inspection for the life of the warranty at no additional cost to the owner.
- D. The White Kynar coating system shall be covered within the warranty of the entire roof system for twenty-five (25) year period. The owner shall receive one (1) warranty covering all components of the entire roof system including the white kynar energy star coating system.

PART 2 - PRODUCTS

2.1 GENERAL

- A. When a particular trade name or performance standard is specified it shall be indicative of a minimum standard required.
- B. Provide products as manufactured to the minimum standards of the Maryland Transportation Authority or approved equal.
- C. Any item or materials submitted as an alternate to the Maryland Transportation Authority minimum standard specified must comply in all respects as to the quality and performance of the minimum standard specified. All materials submitted must be notarized by a third party testing facility and submitted in triplicate. The roof system manufacture must provide the owner all the required additional services at "no additional charge"(ie.. annual inspections, roof surveys, site inspections, progress report etc...) The Owner / Engineer shall be the sole judge as to whether or not an item submitted as an equal is truly equal. Should the contractor choose to submit on the equal basis, he shall assume all risk involved, monetary or otherwise should the Owner find it unacceptable.

Addendum # 1 July 29, 2009

4. Primary manufacturer must make annual follow up inspections on the finished roofing areas annually. Provide to the owner/any maintenance recommendations.
5. Primary manufacturer must inspect the job on a daily basis and submit weekly / bi-weekly reports to the owner/architect to insure proper installation procedures are being followed in accordance with the written specification.
6. Primary manufacture must provide a 25 year warranty including the system materials and workmanship as per the written specifications.
7. In order to be considered as an approved equal for this project all of the above verified testing information must be submitted by the responsive bidder in triplicate not later than ten(10) days prior to the bid date. In addition all verified testing of materials must be submitted, notarized and tested by an accredited third party testing facility. All manufacture technical data sheets will not be accepted.

2.5 SURFACINGS

- A. The White Pyramic Coating shall have these physical characteristics and meet or exceed the minimums of the CRRC, Energy Star and Title 24 Standards
 1. Elongation: 250% minimum
 2. Reflectivity: 90%
 3. Emittance : 85
 4. Color: White
 5. Water based, contains Kynar Aquatee resin
 6. Weathering: No deterioration over 1000 hours per ASTM G 26 test Requirements
 7. SRI for LEED: 113
 8. Tensile: 250 psi minimum
- B. Into a flood coat of cold adhesive applied at the rate of four to five (4-5) gallons per square, one of the following ASTM D-1863 roofing aggregates will be applied.
 1. White Texas #7 Gravel

2.6 RELATED MATERIALS

- A. Roof Insulation: Reference Section 07220 - Roof and Deck Insulation for requirements.

Addendum #1 July 29, 2009

- B. Roof Insulation Fasteners: Reference Section 07220 - Roof and Deck Insulation for requirements.
- C. Base Sheet: shall meet the requirements of ASTM D-4601 Type II and be recommended, approved and furnished by the membrane manufacturer.
- D. Nails and Fasteners: Non-ferrous metal or galvanized steel, except that hard copper nails shall be used with copper; aluminum or stainless steel nails shall be used with

aluminum; and stainless steel nails shall be used with stainless steel. Fasteners shall be self-clinching type of penetrating type as recommended by the manufacturer of the deck material. Nails and fasteners shall be flush-driven through flat metal discs of not less than 1-inch diameter. Metal discs may be omitted when one-piece composite nails or fasteners with heads not less than 1-inch diameter are used.

- E. Metal Discs: Flat discs or caps of zinc-coated sheet metal not lighter than 28 gauge and not less than 1-inch in diameter. Discs shall be formed to prevent dishing. Bell or cup shaped caps are not acceptable.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrate surfaces to receive modified bitumen sheet roofing system and associated work and conditions under which roofing will be installed. Do not proceed with roofing until unsatisfactory conditions have been corrected in a manner acceptable to Roof System Manufacturer.

3.2 GENERAL INSTALLATION REQUIREMENTS

- A. Protect other work from spillage of roofing materials and prevent materials from entering or clogging drains and conductors. Replace or restore other work damaged by installation of the bituminous roofing system work.

Addendum #1 July 29, 2009

091A

CLASSIFICATION	BASIC	FRINGE
	HOURLY RATE	BENEFIT PAYMENTS
ROOFER:	\$23.45	\$5.25
WATERPROOFER	\$23.45	\$5.25
SHEETMETAL WORKER	\$26.50	\$12.79
TRUCK DRIVER:		
DUMP TRUCK	\$16.23	\$5.57 +a+b
TRAILER	\$16.23	\$5.57 +a+b
POWER EQUIPMENT OPERATORS:		
ASPHALT ROLLER	\$23.10	\$10.40 +a
BACKHOE	\$18.93	\$7.07 +a
BOBCAT	\$22.20	\$10.40 +a
BULLDOZER	\$23.10	\$10.40 +a
CONCRETE PUMP	\$22.20	\$10.40 +a
CRANE	\$24.10	\$10.40 +a
EXCAVATOR	\$23.10	\$10.40 +a
FORKLIFT	\$22.20	\$10.40 +a
LOADER	\$23.10	\$10.40 +a
PAVER	\$22.20	\$10.40 +a
ROLLER	\$22.20	\$10.40 +a
SWEEPER	\$23.10	\$10.40 +a

WELDER, RIGGER, CAULKER - Receive rate prescribed for craft performing operation to which welding, rigging, or caulking is incidental.

***COMMUNICATION INSTALLER TECHNICIAN** | \$21.03 | \$13.20 +c+d |

*The above listed classification will be utilized for the installation, maintenance, and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, V-SAT, bypass, CATV, WAN (Wide Area Networks), LAN (Local Area Networks), and ISDN (Integrated Systems Digital Network).

Fire alarm work and security alarm work shall be installed by an Electrician. All HVAC control work will be installed by an Electrician or a Steamfitter/Pipefitter.

a. PAID HOLIDAYS: New Years Day, Memorial Day, July 4th, Labor Day, Thanksgiving day, & Christmas Day.

b. PAID VACATIONS: Employees with 1 year service-1 week paid vacation;
2 years service-2 weeks paid vacation
10 years service-3 weeks paid vacation

Baltimore: Roof Replacement East and West Vent Buildings
Project No: FT 748-000-002R

c. PAID VACATIONS: Employees with 1 year service-1 week paid vacation;
2 years service-2 weeks paid vacation
10 years service-3 weeks paid vacation

d. PAID HOLIDAYS: New Years Day, Memorial Day, July 4th, Labor Day, Veteran's Day, Thanksgiving Day, & Christmas Day.

Addendum #1 July 29, 2009

Pre-Bid Meeting

MINUTES

CONTRACT NO. FT 748-000-002R

ROOF REPLACEMENT EAST AND WEST VENT BUILDINGS

FT. McHENRY TUNNEL

July 14, 2008

The following were in attendance:

Alisha Wright	MdTA	John Shappell	Pottinger & Raintree
Meshelle Howard	MdTA	Jim Candles	Cole Roofing
Lee Carrigan	MdTA - Construction	Peter Ji	Autumn Contracting
William Kirk	MdTA - Facilities	Corey McKenzie	MdTA Police
Jeff Robson	MdTA- Maintenance	Tivonne Harris	Dynamic Corp.
George Kaumondis	Phoenix Contracting	Brian Kauffman	SGK Contracting
Chuck Sadowski	National Roofing Co., Inc	Dan Thomas	Citiroof

Alisha Wright opened the meeting by reviewing the Project, Location, and Scope of Work for this contract and proceeded with the following announcements.

1. The bid due date is **Thursday, August 6, 2009 by 12 Noon**. Bids packages must be placed in the bid box located on the first floor of the Engineering Building at the Francis Scott Key Bridge, 300 Authority Drive, Baltimore, MD 21222 and must consist of one completed bid book and all required documents. Late bids will not be accepted.
2. The Authority does not encourage overnight delivery service. However, if you choose to send your package overnight, the bid should be delivered at least a in advance to the **Maryland Transportation Authority, Office of Procurement & Statutory Program Compliance, 300 Authority Drive 1st Floor , Baltimore, MD 21222**. It will be the responsibility of the Contractor to make sure that his/her bid package is placed in the bid box. The outside of the mailed package must clearly identify the Contract Number and mention that it is a bid package.
3. The minutes from this meeting will be included in Addendum #1 and distributed to all purchasers of the bid documents. The anticipated date for Addendum #1 is **Thursday, July 30 2009**.
4. Please make sure you fill out the Schedule of Prices accurately and completely. Not doing so may render your bid as non-responsive.

5. I strongly recommend that you review page i, **The Notice to Bidders** and pages iii-v, important **Information Regarding MBE Utilization and Bidding Requirements** of this Invitation for Bids prior to submitting your bid on this project.
6. Following this meeting all questions should be in writing and addressed to the Project Manager , Mr. John Jewell and sent via fax to 410 537- 7803. The Authority will accept written questions until **4PM on Thursday, July 23, 2009**. These questions should be sent to:

Maryland Transportation Authority
Engineering Division
300 Authority Drive
Baltimore, MD 21222
Attn: John Jewell

Responses to questions received by MdTA will be distributed to all purchasers of bid documents and be considered the official record of this meeting.

7. There is an MBE goal of **18% overall with no sub-goals**. Meshelle Howard will speak on the goals. If you require assistance with the MBE directory please contact Ms. Meshelle Howard at 410 537-7832.

Meshelle Howard provided a brief description of the Minority Business Enterprise (MBE) participation program:

As of October 1, 2004, the MBE Utilization and Fair Solicitation Affidavit must be submitted with the bid/offer. If the bidder/offeror fails to submit the forms with the bid/offer as required, the procurement officer shall deem the bid/offer non-responsive or shall determine that the bid/offer is not reasonably susceptible of being selected for award.

An overall MBE subcontract participation goal of 18 percent of the total contract dollar amount has been established for this procurement. This amount includes sub-goals of 0 percent of the total contract dollar amount to be allocated to women-owned businesses, 0 percent of the total contract dollar amount to be allocated to African American-owned businesses, and 0 percent of the total contract dollar amount to be allocated to others. (See enclosures)

A complete Attachment A (Certified MBE Utilization and Fair Solicitation Affidavit) and Attachment B (MBE Participation Schedule) must be submitted with each bid.

A bidder may count toward its MBE goal expenditures for materials and supplies obtained from certified business suppliers, provided that the certified businesses assume the actual and contractual responsibility for the provision of the materials and supplies. The bidder may count its entire expenditure to a certified business supplier that manufactures or produces goods from raw material or that substantially

alters goods before resale. The bidder may count 60 percent of the expenditures to certified suppliers who are not manufactures toward its MBE goals. The MBE credited supplies may not exceed 60 percent of the credit given toward meeting the contract goal.

Attached are handouts pertaining to the MBE program that were distributed in the meeting:

- Title 21 State Procurement Regulations – Subtitle 06 Contract Formation and Award.
- MDOT Policy Statement – Prompt Payment of Subcontractors.
- MdTA Minority Business Enterprise Program Highlights.
- MDOT Policy Statement – Good Faith Effort –April 22, 2004.
- Good Faith Efforts / Waiver Checklist.
- Additional Information for MBE Subcontractors.
- MBE Compliance Contractor Notification.
- Potential MBE Utilization Analysis

Third Tier MBE/DBE Subcontracting will be approved by MdTA only when MdTA is satisfied that there is no way except by Third Tier contracting that an MBE/DBE goal can be achieved. The Contractor's written request must be submitted prior to contract award and contain specifics as to why a Third Tier contracting agreement is being requested.

It is recommended that all bidders review the pages of the Invitation for Bids entitled "Important Information Regarding MBE Utilization and Bidding Requirements" and "Notice to Bidders/Offerers", which are located in the front of the book, prior to submitting their bid.

Questions and other Issues Discussed

1. **Contractor's access** to the building came up during the meeting. The Contractors are not to enter the interior of the building to access the work being performed on the roof . This is addressed on page 062 paragraph E of the Bid Booklet.
2. The rods that are part of the **Lightning Protection System** are 12 to 18 inches in height and very sharp. Being that they pose a potential hazard during any construction it is advised that the entire system be removed and reinstalled once the construction is completed. This issue is addressed on page 056 paragraph 18 of the Bid Booklet.
3. During the site visit to the East Vent Building the access door to the roof was on the ground. This will be corrected under a maintenance contract and not effect the execution of this contract. We will contact maintenance personnel regarding the resolution of this condition.

4. The existing access road will need to be blocked at some point in order to get the necessary cranes into position to access the roof for this project. This will be achieved thru scheduling and coordination with MdTA maintenance staff and inspectors.

5. John Shappell- Pottinger and Raintree

Q. What is the composition of the existing roofs at the East and West vent Buildings ?

A. The existing roof at the Vent Buildings is a built up roof.

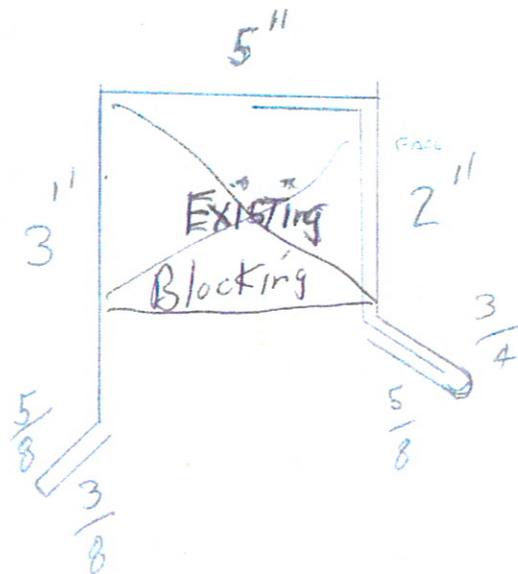
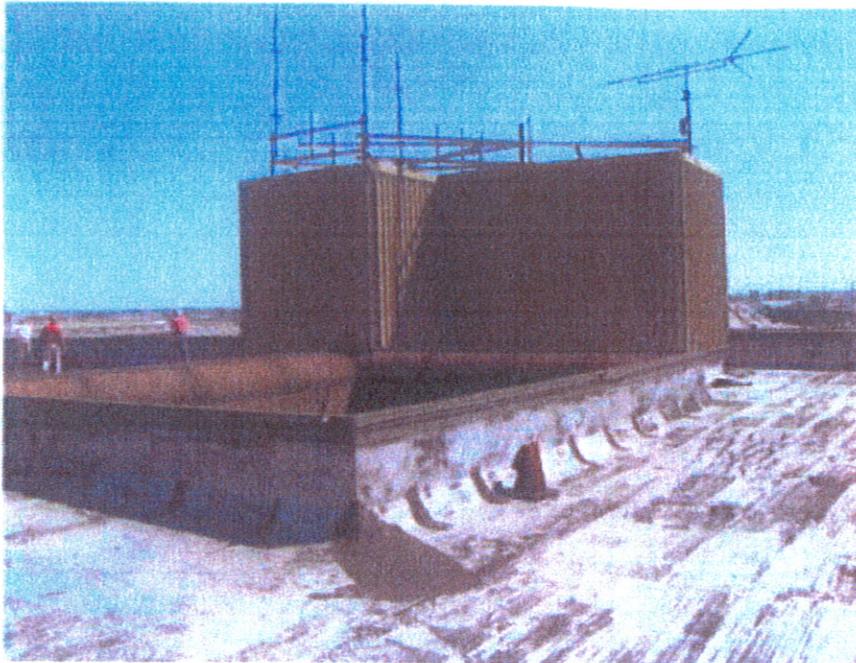
Q. Are we to add wood blocking and keep existing profile at Bull nose? Or are we to make Bullnose square as shown on Detail 3/ A501. (See attached sketch #1)

A. The Contractor is to maintain the existing bullnose profile along the coping. The addition of wood blocking would help achieve that. It is not the intention of these drawings to make the existing bullnose square.

As there were no further questions, the meeting was adjourned.


Approved

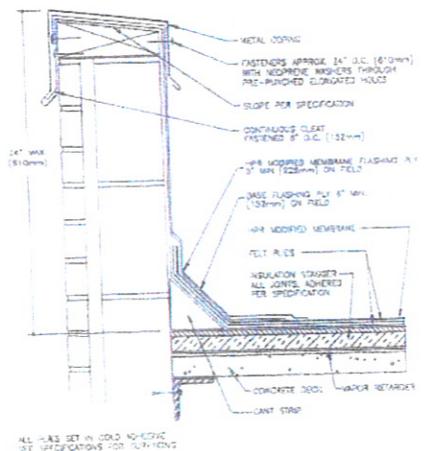
SKETCH # 1



Question for EAST Vent BLDG DETAIL

ARE we to Add wood
 Blocking & Keep Existing
 Profile at Bullnose OR ARE
 we to make Bullnose Square AS TO DETAIL

$\frac{3}{A501}$
 $\frac{3}{A501}$



LIST OF PURCHASERS OF INVITATION FOR BIDS

Contract No.: FT 748-000-002R

Price: \$25.00

Bid Opening Date: August 6, 2009

Class: D

Ruff Roofers, Inc. 1420 Knecht Ave. Baltimore, MD 21227 P: (410) 242-2400 F: (410) 247-7171	Alliance Roofing & Sheet Metal, Inc. 4215 Eastern Avenue Baltimore, MD 21224 P: (410) 483-7470 F: (410) 483-7471	Cole Roofing Co., Inc. 3915 Coolidge Ave. Baltimore, MD 21229 P: (410) 242-0600 F: (410) 242-8007
R. D. Bean, Inc. 5105-13 Powder Mill Rd. Beltsville, MD 20705 P: (301) 937-0260 F: (301) 937-0958	Decker Contracting, Inc. 847 W. Pulaski Hwy. P. O. Box 785 Elkton, MD 21922 P: (410) 392-4700 F: (410) 392-4885	Simpson of Maryland, Inc. 7476 Candlewood Rd. Hanover, MD 21076 P: (410) 525-0152 F: (410) 525-0154
National Roofing Co., Inc. 3901 Conduit Ave. Baltimore, MD 21211 P: (410) 235-5827 F: (410) 235-1463	Autumn Contracting, Inc. 5228 Eisenhower Ave. Alexandria, VA 22304 P: (703) 595-4100 F: (703) 496-3998	Potteiger – Raintree, Inc. 342 Commerce Drive Glen Rock, PA 17327 P: (717) 235-0507 F: (717) 227-9360
Kalkreuth Roofing & Sheet Metal, Inc. 9001 Baltimore Rd. Frederick, MD 21701 P: (301) 418-6100 F: (301) 418-6350	Vatica Contracting, Inc. 4350 Kenilworth Ave. Hyattsville, MD 20781 P: (301) 927-8530 F: (301) 927-8760	Phoenix Contracting Services 6540 Holabird Avenue Baltimore, MD 21224 P: (410) 631-0105 F: (410)
Gordon Contractors, Inc. 9010 Edgeworth Drive Capital Hts., MD 20743 P: (301) 350-6600 F: (301) 350-3371	Phoenix Contracting Services 6540 Holabird Avenue Baltimore, MD 21224 P: (410) 631-0105 F: (410) 631-0107	Boblits Enterprises 6925 Olive Damsel Ct. Hughesville, MD 20637 P: (301) 274-5555 F: (301) 274-5110
Rich Roofing, LLC 2502 Harford Road Baltimore, MD 21218 P: (410) 243-5445 F: (410) 243-0455		