



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Solicitation

NUMBER
GSD136435

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
GUY NISBET
304-558-2596

RFQ COPY

TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING 1
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305 304-558-3517

DATE PRINTED
02/13/2014

BID OPENING DATE: 02/20/2014

BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO.02						
ADDENDUM FOR THE ABOVE SOLICITATION, ISSUED TO PUBLISH AND DISTRIBUTE THE ATTACHED INFORMATION TO THE VENDOR COMMUNITY.						
0001	1	LS	910-66	REPLACE THE ROOF OF BUILDING 1		
***** THIS IS THE END OF RFQ GSD136435 ***** TOTAL:						

SIGNATURE		TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	

WHEN RESPONDING TO SOLICITATION, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

SOLICITATION NUMBER: GSD136435
Addendum Number: No. 02

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- Modify bid opening date and time
- Modify specifications of product or service being sought
- Attachment of vendor questions and responses
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Description of Modification to Solicitation:

Addendum issued to publish and distribute the following information.

1. Technical vendor questions and agency responses.
2. Ad to specifications amendment and revised portion from ZMM dated 2/12/2014
3. Revised Bid Form
4. No other changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

ATTACHMENT A

**GSD136435
Capitol Roof Replacement
2nd Set Vendor Submitted Questions
2/11/2014**

1. Does the electrical work have to be performed by a licensed electrician?

A.1 Yes

2. Does the plumbing work have to be performed by a licensed plumber?

A.2 Yes

3. At pre-bid it was stated to remove existing down to a "clean" concrete deck. Many insulation adhesives are approved for attachment to smooth built-up roofs, so will a reasonable amount of residual asphalt/tar remaining on the deck be acceptable as long as it meets manufacturer's requirements for adhesive, or will all have to be scraped, grinded, shot-blasted, etc. to remove all residual asphalt/tar?

A.3. Existing roof system is to be removed down to existing concrete roof deck. All roof system remnants must be removed by methods as selected by Contractor.

4. Deck strength was reported to be 40 psf. What are loading limits for this project?

A.4. Construction loading is to be distributed evenly over roof area not to exceed 60 pounds per square foot.

5. The existing flashing on key demolition note B has soldiered joints. Do all joints have to be soldiered back?

A.5. Yes, including joints found to be broken.

6. It is understood that bidders must provide their WV Contractor's License number with the bid submission (page 20 of solicitation), but subcontractors are only required to be provided within 1 day of the bid opening. Is this correct?

A.6 Yes, correct.

7. Accessing the building will most likely require egress of vehicles through grass areas. What type of utilities (ie. Landscape irrigation, etc) are present that would need protected?

A.7 Owner requires that travel matts (i.e. sheets of plywood) be provided for vehicular traffic in grass-covered areas.

8. There are various references to painting. What painting applications do we apply spec section 9911? What painting applications do we apply spec section 9960? Are there any cleaning and preparation requirements other than those recommended by the manufacturer?
- A.8 All exposed steel skylight screen frames, brackets, and skylight framing members are to be removed, sand-blasted, and painted as per Specification Section 09960 High Performance Coatings. Balance of painting is to be as per Section 09911 – Exterior Painting.
9. Can the 3" of Polyiso insulation be installed in one layer?
- A.9. Install roof insulation in two layers as per specifications.
10. What quality control measures will be put in place to confirm all of this work is completed per spec? Will there be a 3rd party inspector?
- A.10 The Architect and Project Manager will be on site to ensure work is completed per specifications. There will be no third party inspection aside from any regulatory body who may inspect work at any time.
11. Who will be responsible for determining the extent of necessary repairs on the gutter, standing seam roofs, etc.?
- A.11 The Owner's Project Manager and Architect will work with Contractor to identify extent of the necessary repairs.
12. Can a line item be added for "repair of copper standing seam roof"?
- A.12 Unit Price Line Item is being added by Addendum.
13. Can the bid opening date be extended? If the bid date is extended, can we have one more deadline for questions?
- A.13 No, the bid opening and technical questions period will not be extended again.
14. The insulation thicknesses listed on drawings and in the specs do not meet the specified R-value due to the change in the 2014 LTRR values of Polyiso insulation. Please confirm the thickness of the insulation, in inches, we are supposed to use.
- A.14 See answer to question 15.
15. Detail 2 on A4-3 shows "90 mil EPDM membrane on 1.5" recovery board over 3" Polyiso insulation". Is that supposed to be ½" recovery board instead of 1.5"?
- A.15. The reference to 1.5" should read ½ inch.

16. In the specifications, there are sections for high performance coatings as well as a section for painting. Please differentiate where each of these specs is to be followed.

A.16. See response to question No 8

17. There is only one manufacturer of lead coated copper in the country, that only fabricates based on demand. In the event that we are unable to get the lead coated copper, what material will be considered an equal?

A.17. Owner and Architect will have to determine course of action as necessary if specified materials become unavailable.

18. The bid form is broken down into three sections. Is it possible that only one section of the roof replacement will be accepted (i.e. west wing)?

A.18 All roofing will be included in base bid.

19. Who is responsible for antenna recalibration?

A.19 Contractor is responsible for replacement in the same location with rough adjustment. The Owner Agencies will provide final calibration.

20. The existing flashing on key demolition note B has soldered joints. Do all joints have to be soldered back?

A.20 All corner joints of flashing are to be soldered following installation of work under base bid including existing broken joints and patches in roof membrane joints and surfaces. Flashing lap joints are also to be repaired under base bid.

21. Does this project require an affidavit of non-collusion?

A.21 No.



February 12, 2014

ADDENDUM NO. 2

RE: West Virginia State Capitol Building - Roof Replacement
West Virginia State Capitol Complex
Charleston, West Virginia
Architect's Project No. 1320

TO: Prospective Bidders

FROM: ZMM, Inc. Architects and Engineers

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents.

ATTACH THIS ADDENDUM TO THE FRONT COVER OF THE PROJECT MANUAL AND ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED ON THE BID FORM.

PART 1 - CHANGES TO SPECIFICATIONS:

A. REPLACE Section 01270 – Unit Prices dated 09/06/13 with replacement Section 01270 dated 02/12/14 as attached to this Addendum.

B. Section 07531 - EPDM Single-Ply Membrane Roofing – Make the following revisions:

1. ADD Paragraph 1.6.E to read as follows:

a. Mock-ups: Construct mock-up of complete roof assembly in area selected by Architect to show all features of assembled roof system construction. Minimum mock-up area is 10 ft. x 10ft. Mock-up or portions thereof may remain as part of permanent construction if approved by Architect.

2. REVISE Lines 2.2.A.1.a.to read as follows:

Long Term Thermal Resistance (LTTR) value as follows:
1 ½ inches thick: R 8.5
3 inches thick: R17.0

3. REVISE Paragraph 3.3.D to read as follows:

Install insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 3 inches (68 mm) or greater, install two or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.

222 Lee Street, West • Charleston, West Virginia 25302
304.342.0159 office • 304.345.8144 fax
www.zmm.com

C. Section 07552 – SBS Modified Bituminous Membrane Roofing – Make the following revisions:

1. ADD Paragraph 1.6.E to read as follows:
 - a. Mock-ups: Construct mock-up of complete roof assembly in area selected by Architect to show all features of assembled roof system construction. Minimum mock-up area is 10 ft. x 10ft. Mock-up or portions thereof may remain as part of permanent construction if approved by Architect.
2. ADD Line 2.1.A.1.f to read: Soprema, Inc.
3. ADD Mock-up requirements.
4. REVISE Lines 2.5.A.1.a.to read as follows:

Long Term Thermal Resistance (LTTR) value as follows:

1 ½ inches thick: R 8.5
3 inches thick: R17.0

5. REVISE Paragraph 3.3.F to read as follows:

Install insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 3 inches (68 mm) or greater, install two or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.

Retain Paragraph 3.3.F.1.

PART 2 - CHANGES TO DRAWINGS:

- A. Drawing number A2-2
 1. Detail 1/A2-2 add note "re-solder all corner or broken joints in coated copper flashing after installation of new membrane flashing system"
- B. Drawing Number A3-1
 1. Detail 9/A3-1add note "re-solder all corner or broken joints in coated copper flashing after installation of new membrane flashing system"
- C. Drawing Number A3-3
 1. Detail5/A3-3add note "re-solder all corner or broken joints in coated copper flashing after installation of new membrane flashing system"
- D. Drawing Number A3-4
 1. Detail 1/A3-4add note "re-solder all corner or broken joints in coated copper flashing safter installation of new membrane flashing system"
- E. Drawing Number A4-2 – Make the following revisions:
 1. Add note to Details 1/A4-2, 2/A4-2, 3/A4-2, 4/A4-2 and 6/A4-2 "Remove and install rivets on coated copper flashing after installation of membrane flashing system".

F. Drawing Number A4-3

1. Add note to Detail 4/A4-3 "Remove and install rivets on coated copper flashing after installation of membrane flashing system"

END OF ADDENDUM

Attachments: Section 01270 Unit Prices dated 02/12/14 2 pages

SECTION 01270 - UNIT PRICES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.

1.3 DEFINITIONS

- A. Unit price is an amount incorporated in the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

1.4 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, applicable taxes, overhead, and profit.
- B. Measurement and Payment: See individual Specification Sections for work that requires establishment of unit prices. Methods of measurement and payment for unit prices are specified in those Sections.
- C. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- D. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: Soldering repair of lead-coated copper - Base Bid includes 400 linear feet of soldering repair of lead-coated copper flashing and covering.
 - 1. Unit of Measurement: linear foot
 - 2. Quantity Included in Base Bid: 400 linear feet of soldering repair of lead-coated copper flashing and covering.

- B. Unit Price No. 2: Soldering repair of lead sheets - Base Bid includes 200 linear feet of soldering repair of lead sheets.
1. Unit of Measurement: linear foot
 2. Quantity Included in Base Bid: 200 linear feet of soldering repair of lead sheets.
- C. Unit Price No. 3: Replace portion of roof drain lines (previously replaced with PVC piping) with new 6 inch ductile iron pipe - Base Bid includes 36 linear feet of 6 inch ductile iron pipe.
1. Unit of Measurement: linear foot
 2. Quantity Included in Base Bid: 36 linear feet of 6 inch ductile iron pipe.
- D. Unit Price No. 4: Replace No-Hub type fittings with new 6 inch No-Hub type fittings. Base Bid includes 6 replacement No-Hub Fittings.
1. Unit of Measurement: each fitting.
 2. Quantity Included in Base Bid: 6 replacement No-Hub Fittings.
- E. Unit Price No. 5: Replacement of mortar joint with sealant along head of flashing as detailed on Drawings and as specified.
1. Unit of Measurement: Linear Foot
 2. Quantity Included in Base Bid: 200 Linear Feet.
- F. Unit Price No. 6: Repair of Copper Standing Seam Roof.
1. Unit of Measurement: Square Foot
 2. Quantity Included in Base Bid: 100 Square Feet.

END OF SECTION

Dated: _____ (Bidder to insert date bid submitted)

SUBMITTED BY:

_____ (hereinafter called "Bidder")

SUBMITTED TO: State of West Virginia
Department Of Administration
Purchasing Division

The Bidder, being familiar with local conditions affecting the cost of the Work and the Contract Documents, including Instructions to Bidders, Bid Form, General Conditions, Drawings, Specifications, and any Addenda or Clarifications issued, hereby propose to furnish all material, labor, tools, taxes, transportation and expendable equipment necessary for the satisfactory and complete installation of **WEST VIRGINIA STATE CAPITOL BUILDING ROOF REPLACEMENT** in every detail and ready for operation, all in full accordance with, and in conformity to, the Contract Documents, for the stipulated sums as follows:

BASE BID TO INCLUDE THE FOLLOWING:

Provide EPDM membrane roofing as roof replacement and renovation work on the East Main Area, the Dome Area, and the West Main Area of the Main Capitol Building, on the East and West Wing Connector areas, on the East Wing area, and on the West Wing Area, as indicated on the Drawings and as specified.

For the sum of: _____
_____ (\$ _____).

(Show amount in both words and numbers. In the event of a difference between the written amount and the number amount, the written amount shall govern.)

For accounting purposes, please provide a breakdown of the Base Bid, by area, as follows:

East and West Main Area and Dome Area:

\$ _____

East and West Wing Connector Area:

\$ _____

East Wing Area:

\$ _____

West Wing Area:

\$ _____

ALTERNATES:

The stated Base Bid is subject to the following additions or deductions for Alternates which the Owner may select. ('Provide' means 'furnish and install.' Include in bids below all related coordination and modification requirements associated with the Work of each Alternate.) All work is to be as indicated on Drawings and as specified.

Alternates, if accepted, will be accepted in the order as listed. Alternate 2 will not be accepted without having accepted Alternate 1.

Alternate Bid No. 1 – Provide repair work on skylight located over the Supreme Court Room.

ADD or DEDUCT (Select One) the sum of: _____
_____ (\$ _____).

Alternate Bid No. 2 – Provide SBS Modified Bituminous Roofing in lieu of EPDM membrane roofing as roof replacement and renovation work on the East Main Area, the Dome Area, and the West Main Area of the Main Capitol Building, on the East and West Wing Connector areas, on the East Wing area, and on the West Wing Area

ADD or DEDUCT the sum of: _____
_____ (\$ _____).

UNIT PRICES: A unit price is an amount incorporated in the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment or services, or a portion of the Work, added to or deducted from the Contract Sum by a change order approved by the WV Purchasing Division, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased. These Unit Prices include all materials, shipping, installation, tax, and contractor markup. Unit Prices may be stipulated in figures only. All work is to be as indicated on Drawings and as specified.

Unit Price No. 1

Soldering repair of lead-coated copper - **Base Bid includes 400 linear feet** of soldering repair of lead-coated copper flashing and covering. For soldering repair of lead-coated copper flashing and covering, if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per linear foot.

Unit Price No. 2

Soldering repair of lead sheets - **Base Bid includes 200 linear feet** of soldering repair of lead sheets. For soldering repair of lead sheets, if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per linear foot.

Unit Price No. 3

Replace portion of roof drain lines (previously replaced with PVC piping) with new 6 inch ductile iron pipe - **Base Bid includes 36 linear feet** of 6 inch ductile iron pipe. For replacement of roof drain lines, if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per linear foot.

Unit Price No. 4

Replace No-Hub type fittings with new 6 inch No-Hub type fittings. **Base Bid includes replacement of 6** no-hub fittings. For replacement of No-Hub fittings, if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per fitting.

Unit Price No. 5

Replace mortar joint with sealant along head of flashing as detailed on drawings and as specified. **Base Bid includes 200 linear feet** of joint replacement. For replacement of mortar joint with sealant if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per linear foot.

Unit Price No. 6

Repair of Copper Standing seam Roof as detailed on drawings and as specified. **Base Bid includes 100 Square feet of repair to copper standing roof seam.** For repair of copper standing roof seam if the actual quantity differs from the quantity included in the Base Bid,

ADD or DEDUCT the following: \$ _____ per linear foot.

References:

Reference Name: _____

Position: _____

Address: _____

Telephone Number: _____

Project Name: _____

Project Description: _____

References:

Reference Name: _____

Position: _____

Address: _____

Telephone Number: _____

Project Name: _____

Project Description: _____

References:

Reference Name: _____

Position: _____

Address: _____

Telephone Number: _____

Project Name: _____

Project Description: _____

END OF BID FORM

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: GSD136435

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:

(Check the box next to each addendum received)

- | | |
|---|--|
| <input type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> Addendum No. 10 |

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Company

Authorized Signature

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.
 Revised 6/8/2012