



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

# Solicitation

NUMBER
DEFK13014

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
TARA LYLE 304-558-2544

RFQ COPY  
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIV ENGINEERING & FACILITIES  
 ARMORY BOARD SECTION  
 1707 COONSKIN DRIVE  
 CHARLESTON, WV  
 25311-1099 304-341-6368

DATE PRINTED
05/02/2013

BID OPENING DATE: 05/15/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 3						
SEE ATTACHED PAGES.						
END OF ADDENDUM NO. 3						
0001	1	JB		968-20		
CONSTRUCTION OF LOGAN READINESS CENTER						
***** THIS IS THE END OF RFQ DEFK13014 ***** 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: DEFK13014**  
**Addendum Number: 3**

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The purpose of this addendum is to modify the solicitation identified as DEFK13014 ("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 provide revised specifications, drawings and to answer vendor questions. Documents and drawings are included on CD, which is also included with the hard copy mailing. Duplicate documents and drawings are posted online in the West Virginia Purchasing Bulletin with corresponding solicitation. Revised Bid Form – Sections I, II and III are attached under Attachment P.

**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.



May 2, 2013

**ADDENDUM NO. 3**

RE: Logan-Mingo Readiness Center  
West Virginia Army National Guard  
Logan and Mingo Counties, West Virginia  
Architect's Project No. 0612

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. Section 00100 - Instructions To Bidders – Make the following modifications”
1. Article 14 – ADD the following: “If no subcontractors are to be used to complete the project, it shall be so noted on the List of Proposed Subcontractors and Equipment/Material Suppliers. Failure to submit the List of Proposed Subcontractors and Equipment/Material Suppliers within one business day after the deadline for submitting bids shall result in disqualification of the bid.”
  2. Article 14 – REVISE “within ten (10) business days of the bid opening” to read: “One (1) business day of the bid opening”.
- B. Bid Form replaced in its entirety as noted in Item JJ below. Revisions include the following:
1. Bid Form Section II Bid Item #27 “Gravel Road” – Change Quantity to 862 SY.
  2. Bid Form Section III – Make the following revisions:
    - a. Bid Item #11 – Deep Dynamic Compaction (DDC) Program – Replace description with the following:
      - 1) This work shall consist of improving the strength and compressibility characteristics of subsurface soils by providing deep dynamic compaction for the buildings and structures shown on the plans and as specified in the contract documents. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, engineering support, supervision, and quality control required to complete the work.



- b. Bid Item #29 – REVISE "4,000 psi" to read:"4,500 psi".
- c. Bid Item #39 – REPLACE description with the following:
  - 1) This item of work is a steel-reinforced cast in place concrete retaining wall. Excavation, backfill, and associated subsurface drainage are incidental. This includes performing all work prescribed in a workmanlike and acceptable manner, including labor, tools, equipment, supplies, material, incidentals, and quality control required to complete the work.
- 3. Clarification: Bid Form Section III - Bid Item #6 WVDOT Encroachment Permit: Allowance for this item is \$ 5000.00.
- C. ADD General Environmental Specifications and Conditions identified as Attachment 'A' as attached to this Addendum.
- D. ADD Section 01026 – Unit Prices dated 04/22/13 and identified as Attachment 'B' as attached to this Addendum.
- E. REPLACE Section 01027 – Application For Payment dated 02/01/12 with replacement Section 01027 dated 05/22/12 and identified as Attachment 'C' as attached to this Addendum.
- F. REPLACE Section 01035 – Modification Procedures dated 02/01/12 with replacement Section 01035 dated 06/05/12 and identified as Attachment 'D' as attached to this Addendum.
- G. Section 01100 – Summary – REVISE Paragraph 1.8.J to read as follows:
  - J. Bidders are reminded that NO utilities (incl. natural gas, electric, water, telephone, and sewer) will be available for their use/connection on-site, and that it will be the Contractor's responsibility to provide all temporary utilities as well as all costs associated with same.
- H. Section 01200 – Project Meetings – Paragraph Nos 1.4.D and 1.5.D: Change the word "Contractor" to read: "A/E" (Architect/Engineer).
- I. Section 01352 – Sustainable Design Requirements: Note the following clarifications to the LEED 2009 for New Construction and Major Renovations Project Checklist:
  - 1. Under Energy and Atmosphere, 2 points will not be achieved for Credit 4 – Enhanced Refrigerant Management. Total points under Energy and Atmosphere will be 10.
  - 2. One point will be achieved under Indoor Environmental Quality Credit 5: Indoor Chemical and Pollutant Source Control and one point will be achieved for Credit 7.2 Thermal Comfort – Verification for a total of 12 points under this category.
  - 3. Total project points are 50, as currently shown on the spreadsheet.
- J. REPLACE Section 01355 – Construction Analysis – Schedule and Reports dated 02/01/12 with replacement section dated 06/05/12 and identified as Attachment 'E' as attached to this Addendum.
- K. ADD WV Code Chapter 05 Article 22 identified as Attachment 'F' as attached to this Addendum.



- L. REPLACE Section 01810 – General Commissioning Requirements dated 02/01/12 with replacement Section dated 04/22/13 and identified as Attachment 'G' as attached to this Addendum.
- M. REPLACE Section 01500 – Temporary Facilities dated 02/01/12 with replacement Section dated 03/26/13 and identified as Attachment 'H' as attached to this Addendum.
- N. Section 01700 – Project Closeout – ADD Paragraph 1.4.A.1 to read as follows:
1. "The request for Substantial Completion Inspection shall not be submitted until Work related to the completeness of the facility is adequate and available for use by the Owner, including but not limited to the Contractor obtaining a valid Certificate of Occupancy for the facility that has been issued by the West Virginia State Fire Marshall."
- O. Section 01749 – Construction Waste Management and Disposal – REPLACE subparagraph nos. 3.3.B.1.4 and 3.3.B.1.5 with the following:
1. Dain Bender Recycling, 151 Bender Lane, Chapmanville, WV 25508, (304) 369-9482
  2. Vance Recycling, 101 Claim Mega Road, Davin, WV 25617, (304) 583-6904
- P. DELETE the following Sections in their entirety:
1. Section 03354 – Polished Concrete Finishing
  2. Section 05521 – Pipe and Tube Railings
  3. Section 07716 – Roof Expansion Assemblies
  4. Section 09545 – Linear Metal Ceilings
  5. Section 09551 – Resilient Isolated Ceilings
  6. Section 09640 – Wood Flooring
- Q. Section 04810 – Unit Masonry Assemblies – Make the following revisions:
1. DELETE Paragraph 2.1.C in its entirety.
  2. REVISE Subparagraph 2.10.E to read: Wicking Material: Absorbent rope, made from cotton, 1/4 to 3/8 inch in diameter, in length required to produce 2-inch (50-mm) exposure on exterior and 18 inches in cavity. Use only for weeps.
  3. DELETE Article 2.11 and 3.7 in their entirety.
- R. Section 05120 – Structural Steel – Make the following revisions:
1. REPLACE Article 1.6.A with the following: "Fabricator Qualifications: A qualified fabricator that complies with Section 1704.2 of the IBC International Building Code 2009 Edition."
  2. REPLACE Article 1.6.B with the following: "Installer Qualifications: Engage an experienced installer who has completed structural steel work similar in material, design, and extent to that indicated for this Project and with a record of successful in-service performance."
- S. Section 06105 – Miscellaneous Carpentry – DELETE Article Nos. 2.5 and 3.2 in their entirety.



- T. REPLACE Section 08332 – Exterior Coiling Service Doors dated 12/08/11 with replacement Section 08332 identified as Attachment 'L' and dated 05/02/13 as attached to this Addendum.
- U. REPLACE Section 08345 – Vault Doors dated 02/01/12 with Section 08346 – Armory Doors identified as Attachment 'J' and dated 04/22/13 as attached to this Addendum.
- V. REPLACE Section 10651 – Operable Panel Partitions dated 02/28/13 with replacement Section identifies as 'Attachment K' and dated 04/23/13 as attached to this Addendum.
- W. Section 11400 – Food Service Equipment – REPLACE Kitchen Equipment List page Nos. 11400–12 through 11400–22 dated 02/01/12 with corresponding replacement pages dated 04/24/13 as attached to this Addendum and identified as Attachment 'O'.
- X. Section 15081 – Duct Insulation - Clarification: All DOAS unit supply duct shall have 1-1/2" mineral blanket insulation.
- Y. Section 15083 – Pipe Insulation – Make the following revisions:
  - 1. ADD Aeroflex USA to list of flexible elastomeric thermal insulation manufacturers.
  - 2. REVISE Article 3.11 Paragraph G to read: "Service: Refrigerant liquid, suction, and hot gas."
  - 3. REVISE Article 3.12 Paragraph B to read: "Service: Refrigerant liquid, suction, and hot gas."
  - 4. REVISE 3.12.B.3 to read: "Field applied jacket: Aluminum."
- Z. Section 15469 – Domestic Water Treatment - ADD Rainsoft and Ecowater to list of water treatment manufacturers.
- AA. Section 15732 - Packaged Rooftop AC Units 3 to 10 Tons - ADD Paragraph 2.11.D: "The economizer and barometric damper shall be Ruskin CD-60 or equal with leakage less than 3 cfm/s.f. at 1" S.P."
- BB. Section 15733 - Packaged Rooftop AC Units 12.5 to 40 Tons - CLARIFICATION to Article 2.10 and 2.11: "The economizer and relief damper shall be Ruskin CD-60 or equal with leakage less than 3 cfm/s.f. at 1" S.P."
- CC. Section 15735 - DOAS Units with Energy Recovery – Make the following revision and clarification:
  - 1. ADD AAON to list of DOAS manufacturers.
  - 2. CLARIFICATION to Article 2.5: "The economizer and relief damper shall be Ruskin CD-60 or equal with leakage less than 3 cfm/s.f. at 1" S.P."
- DD. Section 15750 - Variable Refrigerant Flow System - ADD Article 2.6 to read as follows:

## 2.6 ROOF MOUNTED EQUIPMENT SUPPORT SYSTEM

- 1. Manufacturer: Basis of design is Bigfoot Frameworks by Airtec Products Corporation (Contact at (508) 675 – 2669) Or equal.



2. The custom framework shall be designed by the Manufacturer based on specific site conditions and equipment to be installed; the modular framework shall NOT be used.
3. The framing system feet shall be glass filled nylon with UV protection and shall be provided with an independent anti-vibration mat under each foot.
4. All metalwork shall be hot dip galvanized for all weather protection. Repositionable clamps shall be provided to lock down onto the feet of the condensing units as they are tightened.

EE. Section 15815 - Metal Ducts - DELETE Paragraph 3.4.C

FF. Section 15820 - Duct Accessories - ADD Article 2.10 Iris Dampers (for VRF outside air):

#### 2.10 IRIS DAMPERS

- a. Fantech IR Series Iris dampers or equal.
- b. Flow measurement accuracy +/- 5%.
- c. Linear response flow control.
- d. Permanent pressure taps.
- e. Air tight construction with integral gaskets for duct connections.
- f. Aperture shall open fully.

GG. Section 15835 - Electric Heaters - ADD Raywall to list of manufacturers.

HH. Section 15900 - Building Automation System – Make the following revisions:

1. ADD to list of manufacturers ASI and Automated Logic.
2. ADD to Paragraph 2.5.J: "Carbon Monoxide sensor shall have local alarm."

II. Section 16950 – Voice and Data Cabling Systems - Add Leviton Network Solutions to the list of approved manufacturers.

JJ. REPLACE Bid Form Section No. I dated 03/20/13 and Section Nos. II, and III dated 2/27/13 with replacement Bid Form section Nos. I, II, and III dated 05/01/13 and identified as Attachment 'P' as attached to this Addendum.

KK. Refer to Wash Rack Canopy Specifications dated 04/26/13 and identified as Attachment 'Q' as attached to this Addendum.

#### PART 2 - CHANGES TO DRAWINGS

- A. Refer to Loading Dock Retaining Wall Detail Drawing Nos. SK-1 and SK-2 dated 4-26-13 as attached to this Addendum.
- B. DRAWINGS M1-2, M1-3, and M1-4 - The Variable Refrigerant Flow System is designed to comply with all the requirements of ASHRAE 15. Certain areas require transfer ducts per ASHRAE 15 and shall not be modified in any way.



1. See Supplemental Drawings listed below and included in this Addendum for this work:
  - a. M1-2R1a
  - b. M1-2R1b
  - c. M1-2R1c
  - d. M1-3R1a
  - e. M1-3R1b
  - f. M1-4R1a
  
- C. Drawing E1-2: Revise circuit 'HA-6' located at upper end of Gallery to circuit 'HA3-6'. Revise panelboard respectively.
  
- D. Drawing E1-5: Make the following revisions:
  1. Change lighting fixture type 'O' to read: "Focal Point Groove 'G' FGR-G-1-C-42TT-S-277-C144-NA".
  2. Revise lighting fixture type 'S' to have a rapid start ballast with a 1.15 ballast factor type GEB10ISH.
  
- E. Drawings E2-2 thru E2-4: Add keyed note #12 to read, "Division 16 to furnish and install phase loss protection to each variable refrigerant outdoor unit. Install monitor within control panel or provide weatherproof enclosure. Coordinate requirements with equipment and division 15 contractor. Provide Kele Motor Saver 355-400 or approved equal." Refer to Spec Section 15750, Article 2.5, Paragraph A.9.
  
- F. Drawings E3-2 thru E3-4: All cable tray shown on plans to be 18" wide.

### PART 3 - CLARIFICATIONS

- A. There are no Logan County or Mingo County requirements for Building Permits.
  
- B. Section 02300 – Earthwork - Clarification: Rock encountered during excavation may be used for riprap if it is durable and is reduced to an appropriate size. Rock not used for riprap shall be reduced to 12" – 18" size and shall be stockpiled onsite for later use by Owner.
  
- C. Refer to Questions and Responses dated 05/02/13 and identified as 'Attachment 'M' as attached to this Addendum.
  
- D. Refer to WVDEP NPDES Permit identified as Attachment 'N' and as attached to this Addendum.
  
- E. Refer to Pre-Bid Conference Meeting Minutes dated April 10, 2013 as attached to this Addendum.
  
- F. Table of Contents – REVISE Listing for Section 15734 – Dedicated Outdoor Units with Energy Recovery to read as Section 15735.





Attachments:	Attachment 'A' - General Environmental Specifications and Conditions.....	17 pages
	Attachment 'B' - Section 01026 – Unit Prices.....	2 pages
	Attachment 'C' - Section 01027 – Application For Payment .....	4 pages
	Attachment 'D' – Section 01035 – Modification Procedures .....	15 pages
	Attachment 'E' – Section 01355 – Construction Analysis .....	12 pages
	Attachment 'F' – WV Code Chapter 05 Article 22 .....	3 pages
	Attachment 'G' – Section 01810 – General Commissioning Requirements.....	4 pages
	Attachment 'H' – Section 01500 – Temporary Facilities .....	11 pages
	Attachment 'J' – Section 08346 – Armory Doors .....	5 pages
	Attachment 'K' – Section 10651 – Operable Panel Partitions .....	4 pages
	Attachment 'L' – Section 08332 – Exterior Coiling Service Doors .....	7 pages
	Attachment 'M' – Questions and Responses .....	2 pages
	Attachment 'N' – WVDEP NPDES Permit .....	126 pages
	Attachment 'O' – Kitchen Equipment List .....	11 pages
	Attachment 'P' – Bid Form Sections Nos. I, II, and III .....	32 pages
	Attachment 'Q' – Wash Rack Canopy Specifications.....	1 page
	Attachment 'R' – Supplemental Drawings	

M1-2R1a  
M1-2R1b  
M1-2R1c  
M1-3R1a  
M1-3R1b  
M1-4R1a

Attachment 'S' –	Loading Dock Retaining Wall Detail Drawing No. SK-1
	Loading Dock Retaining Wall Hand Rail Detail Drawing No. SK-2
Attachment 'T' –	Pre-bid Conference Meeting Minutes

**\*\* Please Note: Attachment I – not included on this Addendum. \*\***

**ADDENDUM ACKNOWLEDGEMENT FORM**  
**SOLICITATION NO.: DEFK13014**

**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 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.