



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

Solicitation

NUMBER
WSH14046

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
ROBERTA WAGNER 304-558-0067

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

HEALTH AND HUMAN RESOURCES
 WILLIAM R. SHARPE JR. HOSPITAL

 936 SHARPE HOSPITAL ROAD
 WESTON, WV
 26452 304-269-1210

DATE PRINTED
10/11/2013

BID OPENING DATE: 10/22/2013 BID OPENING TIME 1:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
ADDENDUM IS ISSUED:						
1. TO PROVIDE A COPY OF THE PRE-BID MEETING SIGN-IN SHEET FOR THE ABOVE SOLICITATION.						
2. TO PROVIDE RESPONSES TO VENDORS' QUESTIONS REGARDING THE ABOVE SOLICITATION. QUESTION AND ANSWER PAGES ARE ATTACHED.						
3. TO PROVIDE ADDENDUM ACKNOWLEDGEMENT. THIS DOCUMENT SHOULD BE SIGNED AND RETURNED WITH YOUR BID. FAILURE TO SIGN AND RETURN MAY RESULT IN THE DISQUALIFICATION OF YOUR BID.						
***** END OF ADDENDUM NO.2 *****						

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: WSH14046
Addendum Number: 2

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:

1. To provide copy of the pre-bid meeting sign-in sheet.
2. To provide copy of vendor questions and responses.
3. To provide Addendum Acknowledgement form.

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

SIGN IN SHEET

**Request for Proposal
No. WSH14046**

PLEASE PRINT

*** PLEASE BE SURE TO PRINT LEGIBLY -IF POSSIBLE, LEAVE A BUSINESS CARD**

FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>GEIGER BROTHERS, INC.</u>	<u>317 RALPH STREET</u>	PHONE <u>740-286-0800</u>
Rep: <u>DAVID R Mc CARTY</u>	<u>P.O. Box 469</u>	TOLL FREE
Email Address: <u>dmccarty@geigerbrothers.com</u>	<u>JACKSON, OH 45640</u>	FAX <u>740-286-0900</u>
Company: <u>MON VALLEY Elec.</u>	<u>P.O. 338</u>	PHONE <u>304-366-2340</u>
Rep: <u>JAMES BANE</u>	<u>KINGMONT WV 26578</u>	TOLL FREE
Email Address: <u>MVE.JAMES@FRONTIER.COM</u>		FAX <u>304-366-2342</u>
Company: <u>Kand M Electric LLC</u>	<u>1051 Ridgmont Drive</u>	PHONE <u>304 965 3126</u>
Rep: <u>Andy Kinder</u>	<u>Elkview WV 25071</u>	TOLL FREE
Email Address: <u>kandmelectricllc@aol.com</u>		FAX <u>304 965 3127</u>
Company: <u>Landau Building Co.</u>	<u>2855 Hinaman Rd</u>	PHONE <u>724-935-8800</u>
Rep: <u>Chet Beres</u>	<u>Wexford, PA 15090</u>	TOLL FREE
Email Address: <u>CBeres@Landau-Bldg.com</u>		FAX <u>724-935-6510</u>
Company: <u>Wayne Crouse inc.</u>	<u>3370 STAFFORD street</u>	PHONE <u>412 771 5176</u>
Rep: <u>JEFF Wilburn</u>	<u>P. TT PA. 15204</u>	TOLL FREE
Email Address: <u>Pha@WayneCrouse.com</u>		FAX <u>412 771 2357</u>

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FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>BBL Carlton</u>	<u>600 Kanawha Blvd E</u>	PHONE <u>304-345-1300</u>
Rep: <u>Steve Thompson</u>	<u>Charleston WV 25301</u>	TOLL FREE
Email Address: <u>sthompson@bblcarlton.com</u>	<u>Suite 200</u>	FAX <u>304-345-1366</u>
Company: <u>Eric Smith Dougherty</u>	<u>600 50th Street</u>	PHONE <u>304-925-6664</u>
Rep: <u>Eric Smith</u>	<u>Charleston WV 25304</u>	TOLL FREE
Email Address: <u>eric.smith@doughertyco.com</u>		FAX <u>304-925-4280</u>
Company: <u>Blackhawk</u>	<u>3500 Mgt Int Park</u>	PHONE <u>304-292-4011</u>
Rep: <u>Joe Whaley</u>	<u>Mgt WV 26501</u>	TOLL FREE
Email Address: <u>joew@blackhawkinterior.com</u>		FAX
Company: <u>Dixon Electrical Systems</u>	<u>3352 Norwood Rd</u>	PHONE
Rep: <u>Matt Simms</u>	<u>Martinsburg, WV 25705</u>	TOLL FREE
Email Address: <u>matt@dixonelectrical.com</u>		FAX
Company: <u>RC GENERAL CONTRACTORS</u>	<u>318 LEE ST</u>	PHONE <u>304-346-7307x108</u>
Rep: <u>SHANDY BROOK</u>	<u>CHARLESTON WV 25362</u>	TOLL FREE
Email Address: <u>SBROOK@RCGENERAL.COM</u>		FAX <u>304-346-7310</u>

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TELEPHONE & FAX
NUMBERS

FIRM & REPRESENTATIVE NAME

MAILING ADDRESS

Company: <u>TRACE CREEK CONSTRUCTION</u>	P.O. Box 539 (127 MARKET STREET)	PHONE <u>606-796-3867</u>
Rep: <u>DAVE WEST</u>	<u>VANCEBURG, KY 41179</u>	TOLL FREE
Email Address: <u>dwest@tracecreek.net</u>		FAX <u>606-796-3948</u>
Company: <u>CIMCO INC</u>	<u>PO BOX 480</u>	PHONE <u>304-562-0121</u>
Rep: <u>MITCHELL SMITH</u>	<u>CULLOMEN WV 25510</u>	TOLL FREE
Email Address: <u>msmith@cimcowv.com</u>		FAX <u>304-562-0320</u>
Company: <u>CHARLIE NEIGHBOR GALL CONST.</u>	<u>1216 7TH AVE</u>	PHONE <u>304-525-5181</u>
Rep: <u>CHARLIE NEIGHBOR GALL LT</u>	<u>HUNTINGTON WV 25701</u>	TOLL FREE <u>304-521-3444</u>
Email Address: <u>charlie3cneighborgall.com</u>		FAX <u>304-525-7795</u>
Company: <u>WAYNE CROUSE INC</u>	<u>3370 STAFFORD ST</u>	PHONE <u>412-971-5196</u>
Rep: <u>EDWIN L WALTERS</u>	<u>PITTSBURGH, PA.</u>	TOLL FREE
Email Address: <u>EWALTERS@WAYNECROUSE.COM</u>		FAX <u>412-971-2357</u>
Company: <u>Tri-County Electric</u>	<u>240 Scott Ave</u>	PHONE <u>304-294-3090</u>
Rep: <u>Tiffany Rogers</u>	<u>Suite 1</u>	TOLL FREE
Email Address: <u>tiffany@pennline.com</u>	<u>Morgantown, WV 26508</u>	FAX <u>304-296-7937</u>

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FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>DSO mech</u>	<u>PO Box 8482</u>	PHONE <u>304 744 8479</u>
Rep: <u>Scott Darnold</u>	<u>So Chas WV 25303</u>	TOLL FREE
Email Address: <u>SDarnold@DSOMECH.COM</u>		FAX <u>304-744-8491</u>
Company: Robert <u>DSO mech</u>	<u>1 Public Rd</u>	PHONE <u>304 364 5555</u>
Rep: <u>Rob Flint</u>	<u>Massachusetts WV 26241</u>	TOLL FREE
Email Address: <u>Rob@flintconstructionca.com</u>		FAX <u>304 364 5556</u>
Company: <u>WG TOMKO</u>	<u>2559 ROUTE 88 FINLEYVILLE</u>	PHONE <u>724-348-2000</u>
Rep: <u>MATT BARRETT</u>	<u>PA 15332</u>	TOLL FREE
Email Address: <u>MBARRETT@WGTOMKO.COM</u>		FAX <u>724-348-7001</u>
Company: <u>WG Tomko</u>	<u>2559 RT. 88 FINLEYVILLE</u>	PHONE <u>724-348-2000</u>
Rep: <u>BRIAN MCLAUGHLIN</u>	<u>PA 15332</u>	TOLL FREE
Email Address: <u>BMCLAUGHLIN@WGTOMKO.COM</u>		FAX <u>724-348-7001</u>
Company: <u>MOMENT ENGINEERS</u>	<u>179 SUMMERS ST</u>	PHONE <u>304-414-4000</u>
Rep: <u>DOUGLAS RICHARDSON</u>	<u>SUITE 603</u> <u>CHAR. WV 25301</u>	TOLL FREE
Email Address: <u>DRR@MOMENTENGINEERS.COM</u>		FAX

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FIRM & REPRESENTATIVE NAME	MAILING ADDRESS	TELEPHONE & FAX NUMBERS
Company: <u>Hayslett Construction Co. Inc.</u>	<u>P.O. Box 447</u>	PHONE <u>304-757-9348</u>
Rep: <u>Roger Hayslett</u>	<u>Harrison, WV</u>	TOLL FREE
Email Address: <u>whayslett@aol.com</u>	<u>25526</u>	FAX <u>304-757-9561</u>
Company: <u>CITY ELEC CO.</u>	<u>PO 6550</u>	PHONE <u>304-345-6150</u>
Rep: <u>AMAU MYRES</u>	<u>CHARLESTON, WV 25362</u>	TOLL FREE
Email Address: <u>AMYRES@CITYELECTRICWV.COM</u>		FAX <u>304 345-6151</u>
Company: <u>Tri-County Electric</u>	<u>240 Scott ave</u>	PHONE <u>724-984-6380</u>
Rep: <u>Jacob Lafferre</u>	<u>Morgantown WV 26508</u>	TOLL FREE
Email Address: <u>JLafferre@Pekulme.com</u>		FAX
Company: <u>Kelly Generator & Equipment</u>	<u>295 B Delwood Rd</u>	PHONE <u>301 440 5102</u>
Rep: <u>Gary Fink</u>	<u>Butler, PA 16001</u>	TOLL FREE <u>800 677 3815</u>
Email Address: <u>gfink@KGE.COM</u>		FAX <u>410 257 5280</u>
Company: _____	_____	PHONE _____
Rep: _____	_____	TOLL FREE _____
Email Address: _____	_____	FAX _____

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No. WSH14046**

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FIRM & REPRESENTATIVE NAME

MAILING ADDRESS

TELEPHONE & FAX

NUMBERS

Company: <u>DOUGHERTY</u>	<u>P.O. BOX 1828</u>	PHONE <u>304-925-6664</u>
Rep: <u>BRIAN SMITH</u>	<u>CHAS. WV 25327</u>	TOLL FREE
Email Address: <u>briansmith@doughertyco.com</u>		FAX <u>304-925-4280</u>
Company: <u>Air Systems</u>	<u>PO. Box 399</u>	PHONE
Rep: <u>Nelson Smith</u>	<u>HARRISBURG, WV</u>	TOLL FREE <u>3045620383</u>
Email Address: _____	<u>25526</u>	FAX
Company: _____	_____	PHONE
Rep: _____	_____	TOLL FREE
Email Address: _____	_____	FAX
Company: _____	_____	PHONE
Rep: _____	_____	TOLL FREE
Email Address: _____	_____	FAX
Company: _____	_____	PHONE
Rep: _____	_____	TOLL FREE
Email Address: _____	_____	FAX

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MAILING ADDRESS

TELEPHONE & FAX
NUMBERS

Company: <u>Dougherty Co. Inc</u>	<u>P.O. Box 1828</u>	PHONE <u>304 925-6664</u>
Rep: <u>Lee Gill</u>	<u>Charleston, WV 25327</u>	TOLL FREE
Email Address: <u>leegill@doughertyco.com</u>		FAX <u>304-925-4280</u>
Company: <u>RC GENERAL CONTRACTORS</u>	<u>318 W. ST.</u>	PHONE <u>304-346-7307</u>
Rep: <u>TOM SIMMS</u>	<u>CHARLESTON, WV 25302</u>	TOLL FREE
Email Address: <u>tsimms@rcgeneral.com</u>		FAX <u>304-346-7300</u>
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	

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FIRM & REPRESENTATIVE NAME

MAILING ADDRESS

TELEPHONE & FAX
NUMBERS

Company: <u>Burdette Electric Inc</u>	<u>1844 Sissonville Dr</u>	PHONE <u>304-984-0123</u>
Rep: <u>P.R. Burdette</u>	<u>Chas. WV 25320</u>	TOLL FREE
Email Address: <u>pburdette@burdette-electric.com</u>		FAX <u>304-984-0124</u>
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	

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FIRM & REPRESENTATIVE NAME

MAILING ADDRESS

TELEPHONE & FAX
NUMBERS

Company: <u>BBL CARLTON, LLC</u>	<u>600 KALIKWIND BLVD., EAST</u>	PHONE <u>304-345-1300</u>
Rep: <u>TODD COREY</u>	<u>SUITE 200</u>	TOLL FREE
Email Address: <u>tcorey@bblcarlton.com</u>	<u>CHARLESTON, WV 25301</u>	FAX <u>304-345-1304</u>
Company: <u>DSO MECHANICAL</u>	<u>PO BOX 8182</u>	PHONE <u>440.735.5333</u>
Rep: <u>JEFF KLIE</u>	<u>50 CHARLESTON 25303</u>	TOLL FREE
Email Address: <u>jklie@smithandoby.com</u>		FAX <u>440.735.5334</u>
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	
Company: _____	_____	PHONE TOLL FREE
Rep: _____	_____	FAX
Email Address: _____	_____	

WILLIAM R. SHARPE, JR. HOSPITAL

WESTON, WEST VIRGINIA

HVAC Renovations

WVDHHR Project #WSH14046

ZDS Project #WSH114H

September 30, 2013

ADDENDUM #2



ZDS

Design/Consulting Services

MECHANICAL • ELECTRICAL • IAQ • ENERGY • COMMISSIONING

91 Smiley Drive, St. Albans WV 25177 (P) 304-755-0075 (F) 304-755-0076
Web Site: www.zdsdesign.com E-Mail: Contact@zdsdesign.com

DIVISION 0 CONDITIONS OF THE CONTRACT

General Conditions of the Contract for Construction (AIA Document A201 – 2007)

State of West Virginia Supplementary Conditions to AIA Document A201-2007

Certificate of Property Insurance (Example Only Acord Form 24)

Certificate of Liability Insurance (Example Only Acord Form 25)

DIVISION 1 GENERAL REQUIREMENTS

011000	Project Summary
011400	Work Restrictions
012200	Unit Prices
012600	Contract Modification Procedures
012900	Payment Procedures
013100	Project Management and Coordination
013200	Construction Progress Documentation
013233	Photographic Documentation
013300	Submittal Procedures
014000	Quality Requirements
014200	References
015000	Temporary Facilities and Controls
015800	Construction Signage
016000	Product Requirements
017300	Execution
017700	Closeout Procedures
017823	Operation and Maintenance Data
017839	Project Record Documents
017900	Demonstration and Training
019113	General Commissioning Requirements

DIVISION 2 EXISTING CONDITIONS

024119	Selective Demolition
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DIVISION 3 CONCRETE

033000	Cast-in-Place Concrete
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DIVISION 4 MASONRY

042000	Unit Masonry
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DIVISION 5 METALS

051200	Structural Steel Framing
053100	Steel Decking
054000	Cold-Formed Metal Framing
057300	Aluminum Metal Railings

DIVISION 6 WOOD, PLASTICS AND COMPOSITES

061053	Miscellaneous Rough Carpentry
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DIVISION 7 THERMAL AND MOISTURE PROTECTION

070151	Preparation for Re-Roofing
071326	Self-Adhering Sheet Waterproofing
074113	<u>Standing-Seam Metal Roof and Wall Panels</u>
075323	EPDM Roofing
076200	Sheet Metal Flashing and Trim
078100	Applied Fireproofing
078413	Penetration Firestopping
079200	Joint Sealants

DIVISION 8 OPENINGS

081113	Hollow Metal Doors and Frames
083113	Access Doors and Frames
083613	<u>Sectional Doors</u>
087100	Door Hardware
089119	Fixed Louvers

DIVISION 9 FINISHES

092216	Non-Structural Metal Framing
092400	Portland Cement Plastering
092900	Gypsum Board
095113	Acoustic Panel Ceiling
099123	Interior Painting

ADDENDUM #2 – SEPTEMBER 30, 2013

DIVISION 20 MECHANICAL, ELECTRICAL AND PLUMBING GENERAL REQUIREMENTS

200000A	General MEP/FP Requirements
200001	Sleeves and Sleeve Seals for MEP/FP Piping, Raceways and Cabling
200002	Meters and Gages for HVAC and Plumbing Piping
200003	Escutcheons for Piping
200004	Hangers and Supports for HVAC and Plumbing Piping and Equipment
200005	Identification for HVAC and Plumbing Piping and Equipment
200006	Piping Insulation
200007	Vibration Controls for MEP/FP Piping and Equipment
200008	Expansion Fittings and Loops for Piping

DIVISION 21 FIRE SUPPRESSION

211313	Wet Pipe Sprinkler System
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DIVISION 22 PLUMBING

220523	General-Duty Valves for Plumbing Piping
221116	Domestic Water Piping
221119	Domestic Water Piping Specialties
221124	Domestic-Water Packaged Booster Pumps
221316	Sanitary Waste and Vent Piping
221319	Sanitary Waste Piping Specialties
221413	Facility Storm Drainage Piping
221423	Storm Drainage Piping Specialties
223500	Domestic-Water Heat Exchangers
229950	Plumbing Systems Commissioning

DIVISION 23 HEATING, VENTILATING AND AIR CONDITIONING

230130	HVAC Air Distribution System Cleaning
230513	Common Motor Requirements for HVAC Equipment
230523	General-Duty Valves for HVAC Piping
230533	Heat Tracing for HVAC Piping
230593	Testing, Adjusting and Balancing
230713	Duct Insulation
230716	HVAC Equipment Insulation
230900	Instrumentation and Control for HVAC
230993	Sequence of Operations for HVAC Controls
231113	Facility Fuel-Oil Piping
231123	Facility Natural-Gas Piping
232113	Hydronic Piping
232116	Hydronic Piping Specialties

ADDENDUM #2 – SEPTEMBER 30, 2013

232123	Hydronic Pumps
232124	Variable Water Volume Package Equipment
232500	HVAC Water Treatment
233113	Metal Ducts
233116	Nonmetal Ducts
233300	Air Duct Accessories
233423	HVAC Power Ventilators
233600	Air Terminal Units
233713	Diffusers, Registers and Grilles
233723	HVAC Gravity Ventilators
233813	Commercial-Kitchen Hoods
235100	Breechings, Chimneys and Stacks
235233	Water-Tube Boilers
236415	Refrigerant Detection and Alarm
236416	Centrifugal Water Chillers
236426	Rotary-Screw Water Chillers
236500	Cooling Towers
237313	Indoor Air Handlers (AHU-202H & MAU-112H)
237410	Custom Indoor and Outdoor Air-Handling Units
237433	Pool Dehumidification Unit (AHU-5 And CU-5)
238236	Finned-Tube Radiation Heaters
238240	Propeller Unit Heaters
238241	Wall and Ceiling Unit Heaters
239950	Mechanical Systems Commissioning

DIVISION 26 ELECTRICAL

260519	Low-Voltage Electrical Power Conductors and Cables
260526	Grounding and Bonding for Electrical Systems
260529	Hangers and Supports for Electrical Systems
260533	Raceways and Boxes for Electrical Systems
260553	Identification for Electrical Systems
260573	Overcurrent Protective Device Coordination Study
260924	Occupancy Sensors
262200	Low-Voltage Transformers
262301	Generator Quick Connect Switchboards (Exterior)
262413	Emergency Switchboards (Interior)
262416	Panelboards
262726	Wiring Devices
262813	Fuses
262816	Enclosed Switches

ADDENDUM #2 – SEPTEMBER 30, 2013

262923	Variable-Frequency Motor Controllers
263213	Engine Generators
263600	Transfer Switches
264113	Lightning Protection System
265100	Interior Lighting
265600	Exterior Lighting
269950	Electrical Systems Commissioning

DIVISION 32 EXTERIOR IMPROVEMENTS

321216	Asphalt Paving
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END OF TABLE OF CONTENTS

WSH14046 Addendum #2

September 30, 2013

RFQ: Questions, Responses and Modifications

1. **Question:** Request that the Trane Company be added to the following specification sections as an approved manufacturer for this project: a. 230900 Instrumentation and Controls, b. 233600 Air Terminal Units, c. 236500 Cooling Tower and d. 237410 Custom Indoor and Outdoor Air Handling Units.

1. **Response:** This request was not accompanied by supporting documentation as required for product substitution requests indicated in specification Section 016000 – Product Requirements, Section 2.2 – Product Substitutions, Paragraph B; therefore, Trane is not approved.

At the conclusion of the question period, only products and named manufacturers that are specified are to be provided, unless approved through an Addendum. Specification Section 016000, Section 2.2 – Product Substitutions, Paragraph B, states the following:

2.2 PRODUCT SUBSTITUTIONS

B. Conditions: Manufacturers desiring to bid other than “Basis of Design” or named manufacturers/systems must submit a request, in writing, to the Engineer no later than the last day for questions. Manufacturers must also submit with their request to bid, the following data for the Engineer’s review:

1. System performance data
2. Documentation of proposed equipment.
3. Current list of similar installations with contact name and phone number.
4. Itemized list of any exceptions taken to the base bid specification.
 - a. Provide a letter from an officer of the manufacturer stating that the exceptions listed are the only deviations from the specifications.
5. Contractor shall note specific additional requirements in individual specification sections for product substitutions, which may also include additional review fees paid to the Engineer for review of proposed substitutions.

Specification Section 016000, Section 2.3 – Proposed Equals, states the following:

2.3 PROPOSED EQUALS

A. If the Bidder proposes to use an article, device, material, equipment, form of construction, fixture or other item other than those Standards named, the Bidder shall certify that the item is equal in quality, and all aspects of performance and appearance, to the Standards specified.

- B. In addition, the Bidder shall submit information to the Engineer no later than the last day for questions. Submitted information shall include:
 - 1. The name and a complete description of the proposed Equal, including Drawings, performance and test data, and other information necessary for a complete evaluation;
 - 2. A statement setting forth any changes, which the proposed Equal, will require in the Project.
 - C. If the Engineer approves the proposed Equal as a Standard, the Engineer shall issue written approval to State Purchasing for Addendum purposes to be issued to all Bidders.
 - D. No consideration shall be given to any proposed Equal unless submitted and approved by the Engineer through an Addendum issued by State Purchasing prior to the bid opening.
2. **Question:** Drawing S2.06, "Partial First Floor Plan – Area A", shows a 12" air-cooled chiller concrete pad, "Section A" (through this slab) also calls for this slab to be 12" in depth, but this sections dimensions calls for this slab to be 1'-6" in depth. Which is correct 12" or 1'-6" in depth?
2. **Response:** The horizontal section of the slab is to be 12" in thickness and the vertical leg around the perimeter is to be 1'-6" in width.
3. **Question:** Due to the many number of phases and the long duration of time involving in each phase, would the owner consider releasing 50% of the retainage on a phase as it is completed and occupied by the owner?
3. **Response:** Refer to specification Section 012900 – Payment Procedures, Section 1.5 – Applications for Payment, Paragraph F for requirements related to the reduction of retainage.
4. **Question:** We have to have the work in the Central Plant and the piping on the roof that serves the 50 bed addition completed by March 31st, 2014. We need a set award date so we can determine how many working days that we will have to complete this work. The bid date is now 10-22-13. If they award the contract in a week it leaves the contractor 153 calendar days to meet the deadline. If the owner takes more than a week it will greatly affect our schedule. As you can see we need a firm date of award so we can establish our schedule.
4. **Response:** A specific award date cannot be set; however, it is the intent of State Purchasing to award the contract as quickly as possible. See answer to Question 5.
5. **Question:** Is there any possibility that the Phase I completion dates will be revised to dates that are attainable? Based on the present information, we feel strongly that the dates should be September 2014 and October 2014 respectively.
5. **Response:** The dates requested will not be possible; however, the following changes in dates will be made:

- a. Modification to the Solicitation, page 0026 - RFQ, Article 6. PERFORMANCE, REVISE as follows:

“6. PERFORMANCE: Vendor and Agency shall agree upon a schedule for performance of Contract Services and Contract Services Deliverables, unless such a schedule is already included herein by Agency. Vendor shall deliver the contract items within nine hundred twelve (912) calendar days of receipt of the notice to proceed with a substantial completion date within eight hundred sixty-seven (867) calendar days of the receipt of the notice to proceed. This work shall be further defined in this order as: All HVAC mechanical, electrical, plumbing systems and related work requirements up to the 50 Bed Addition must be completed by ~~March 31, 2014~~ May 1, 2014; All work that provides fully functional and permanent chilled water, heating hot water, domestic hot water, emergency power and other systems within the Central Utility Plant for the entire facility shall be completed no later than May 1, 2014; All work coordinated and performed within the main kitchen of the facility in conjunction with the Contractor performing the work under the 50 Bed Addition, shall be completed no later than ~~March 31, 2014~~ May 1, 2014, in accordance with the specifications and requirements of this project as defined within.

- b. Modification to the Solicitation, page 0027 - RFQ, Paragraph 10.2.4.2, REVISE as follows:

10.2.4.2. Failure to complete work required to provide all services to the 50-Bed Addition including the work in the existing kitchen area by ~~March 31, 2014~~ May 1, 2014: \$3,000/day.

- c. Modification to Pricing Pages, page 1, REVISE as follows:

The Bidder agrees that all work required, whether temporary or permanent connections, to provide chilled water, heating hot water, domestic hot water, emergency power and other systems up to the new 50-Bed Addition as well as maintain heating and cooling to the occupied portions of the existing facility must be completed no later than ~~March 31, 2014~~ May 1, 2014. This includes the piping and conduit systems across the roof and coordination of all tie-in's with the Contractor for the 50-Bed Addition Project. The Bidder further agrees that all work necessary to be coordinated and performed within the main kitchen of the facility in conjunction with the Contractor performing the work under the 50-Bed Addition shall be complete no later than ~~March 31, 2014~~ May 1, 2014.

- d. Modification to Drawing: Sheet A1.05 – Construction Phasing and ICRA Procedures; revise PHASE 1 – PHASE NOTE to read as follows:

PHASE NOTE: ALL WORK REQUIRED, WHETHER TEMPORARY OR PERMANENT CONNECTIONS, TO PROVIDE CHILLED WATER, HEATING HOT WATER, DOMESTIC HOT WATER SERVICE, DOMESTIC COLD WATER CONNECTION, EMERGENCY POWER AND OTHER SYSTEMS FOR THE 50-BED ADDITION, AS WELL AS MAINTAIN HEATING AND COOLING TO THE OCCUPIED PORTIONS OF THE EXISTING FACILITY MUST BE COMPLETED NO LATER THAN ~~MARCH 31, 2014~~ MAY 1, 2014, AND SHALL BE PROPERLY STAFFED AND SCHEDULED BY THE CONTRACTOR TO MEET THIS COMPLETION DATE. THIS

CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR'S PERFORMING THE WORK ON THE 50-BED ADDITION TO ENSURE A SEAMLESS INTEGRATION OF WORK. THE BIDDER AGREES THAT ALL WORK REQUIRED THAT PROVIDES FULLY FUNCTIONAL AND PERMANENT CHILLED WATER, HEATING HOT WATER, DOMESTIC HOT WATER, EMERGENCY POWER AND OTHER SYSTEMS WITHIN THE CENTRAL UTILITY PLANT FOR THE ENTIRE FACILITY SHALL BE COMPLETE NO LATER THAN MAY 1, 2014.

- e. Modification to Drawing: Sheet A1.05 – Construction Phasing and ICRA Procedures; revise PHASE 2 – PHASE NOTE to read as follows:

PHASE NOTE: WORK ASSOCIATED WITH PHASE 2 SHALL BEGIN AT APPROXIMATELY THE SAME TIME AS PHASE 1 WORK. THE WORK IN THE KITCHEN AND LOADING DOCK AREAS MUST BE SCHEDULED AND COORDINATED WITH WORK TO **BE** PERFORMED AT THE SAME TIME BY THE CONTRACTOR(S) WORKING UNDER THE 50-BED ADDITION CONTRACT. WORK IN THE KITCHEN MUST BE COMPLETE BY ~~MARCH 31, 2014~~ **MAY 1, 2014.**”

6. **Question:** How many days will the owner require between phases? We will need to know how many days it will be after we complete a phase before we can start working on the next phase. If it takes more than 7 days for the owner to take over the area of a completed phase and vacate the area for the next phase we will have to demobilize and then remobilize our work force. This will add a considerable amount of cost to the bid. Has the owner taken in account the number of “change over” days that it will require in its 912 completion days?
6. **Response:** This will be on a phase-by-phase basis; however, it is the Owner's intent to complete their move within 2 weeks of the completion of each phase. This duration is included in the completion days indicated.
7. **Question:** Will the material purchased for project be exempt from sales tax?
7. **Response:** **NO EXEMPTIONS.** Sales tax on materials is required.
8. **Question:** We would request "KE Fibertec" to be added to specification 233116.
8. **Response:** KE Fibertec is **ADDED** as an acceptable manufacturer, to Specification Section 233116 – Nonmetal Ducts, Section 2.1 – Textile Air Dispersion Products, Paragraph A.2. Products by KE Fibertec are subject to meeting the requirements of the specification. In addition, the contractor shall include one stainless steel balancing damper for each of the four (4) connection points of the textile duct in the pool area for proper air balancing.
9. **Question:** Note #15 on ME1.01 instructs us to install new roof drains and connect to existing piping. However, there was not an opportunity to review these locations during the pre-bid walk-thru to determine the scope of work involved. Can an allowance or a Not to Exceed ____' per location be established?
9. **Response:** Contractor may assume the nearest existing rain water piping is located in the vicinity of the nearest existing roof drain. Contractor shall provide adequate piping

to complete the installation of the new roof drain(s) and necessary piping based on that assumption. Neither an allowance nor a Not-to-Exceed amount will be accepted.

10. **Question:** No refrigerant piping is shown between AHU-5 and CU-5? Is the unit a dual circuit? What size is the refrigerant piping?

10. **Response:** Contractor shall size and install refrigerant piping between AHU-5 and CU-5 in accordance with AHU (Pool Dehumidification) manufacturer's recommendations. Coordinate with AHU manufacturer for additional requirements prior to bidding.

11. **Question:** The Supplemental Instructions calls for the contractor to provide Builder's Risk and Boiler & Machinery Insurance for the project. It is our understanding Boiler & Machinery policies are only available for purchase by the property owner. Please clarify.

11. **Response:** Builder's Risk and Boiler & Machinery Insurance is required to be provided by the Contractor for this project. The Boiler & Machinery Insurance is required until Substantial Completion of the Final Phase of the project.

12. **Question:** 011000 – Project Summary states that regardless of what any individual Specification Section may indicate, any specified testing shall be engaged and paid for by the contractor. Please clarify as to whether or not this includes the Commissioning agent.

12. **Response:** A Commissioning Authority/Agent will be hired directly by the Owner. Contractor shall be responsible for all work related to commissioning outlined in the commissioning specifications.

13. **Question:** There appears to be some conflicting information related to when the warranties commence and expire. 017700 – Closeout Procedures (1.6) appears to indicate warranties can start as different areas or phases are turned over to the owner. However, it was stated at Pre-Bid, ALL items regardless of when installed, started, operated, etc., are to be warranted for a period of two (2) years from the Date of Substantial Completion of the FINAL PHASE of the project. Please clarify.

13. **Response:** Warranties for all work will commence at the time of completion of each phase of work and will be covered through a period of two (2) years after the substantial completion of the Final Phase of work on this project. This means that work in the early phases will be warranted and maintained by the Contractor for four (4) years or longer.

14. **Question:** 087100 – 1.3 Mentions a Door Hardware Allowance but we do not see where this is listed in bid forms or Allowances section of the Specifications. Please clarify.

14. **Response:** ~~DELETE~~ Article 1.3 from Specification Section 087100 – Door Hardware. There is no door hardware allowance on this project.

15. **Question:** 200000A – 1.9.E Calls for existing underground chilled water, heating water, etc., to be videotaped prior to start of work. What is the approximate length of piping involved?

15. **Response:** Contractor shall assume the piping is routed between the existing main building and the Central Utility Plant with a slight bend between the two (2) to arrive as

an approximate total length. The contractor will be responsible for verifying the actual length of piping needing videotaped and include in their bid.

16. **Question:** There are several specification sections that call for the mechanical contractor to hire licensed West Virginia Professional Engineers (P.E.) to design hangers, expansion loops, structural steel, etc. Are these licensed P.E.'s required to be independent of the contractor?

16. **Response:** No.

17. **Question:** 231113 – 3.7.G Calls for the 15,000 gallon fuel oil tank to be filled with a Winter Mix of Fuel Oil. Are we correct in assuming this is done at the contractor's expense?

17. **Response:** Yes, including filling the day tanks of the new emergency generators.

18. **Question:** 232113 – 3.6.C Calls for a valved bypass around each control valve. However, many details on the drawings do not indicate this bypass. Please clarify as to where (or if) the bypass is required.

18. **Response:** ~~DELETE~~ Article 3.6C from Specification Section 232113 - Hydronic Piping.

19. **Question:** 200002 - 2.6.B – Calls for contractor to Furnish one (1) Test–Plug Kit containing 2 thermometers, one (1) pressure gauge and carry case. However, this was also specified to be provided by the contractor performing the mechanical work in the 50-Bed Addition currently under construction. Is another kit desired?

19. **Response:** Yes.

20. **Question:** 232500 – There appears to be some duplication of products (Extra Materials) and services specified to be provided as a part of this project and those specified to be provided by the contractor performing the mechanical work in the 50-Bed Addition currently under construction. Are these duplications desired? If not, please clarify.

20. **Response:** Provide all work/materials as indicated on drawings and specifications for this project.

21. **Question:** Are vibration isolators required for the cooling towers? Please clarify any other vibration isolators required for the project and provide specifications for such.

21. **Response:** Contractor shall provide manufacturer engineered vibration isolation on all equipment with rotating parts that do not have internal vibration isolation. This includes, but is not limited to, Cooling Towers, Chillers, Pumps, etc. Include the manufacturer engineered vibration isolation as part of the submittals.

22. **Question:** Please provide a detail as to how the rooftop pipe supports are to be temporarily flashed-in to the existing roofing system until such time as the new roof is installed later in the project.

22. **Response:** Contractor is responsible for determining temporary flashing requirements to keep the building weather-tight. The Contractor may use the permanent pipe flashing details shown on the drawings as a guide for installation of temporary flashing.

23. **Question:** Please refer to the Request for Quotation; Specifications, page 0025, paragraph 6 – Performance.
- a. **Question:** It appears that only an overall project duration is provided with milestone completion dates tied to Liquidated Damages. With a possible bid evaluation and award time of 60 days by the State of West Virginia, it creates a situation of an unknown duration for the first two project milestones. We understand time is of the essences, but it is not possible to determine if the work can be completed or properly bid if a start date is not provided. Please provide a contract start date or a duration for each phase.
- 23a. **Response:** A specific award date cannot be set; however, it is the intent of State Purchasing to award the contract as quickly as possible. It will be the contractor's responsibility to establish completion dates for each phase to meet the stipulated project milestone dates.
- b. **Question:** Please provide additional information regarding what is to be completed by the March 31, 2014 deadline vs. the May 1, 2014 deadline.
- 23b. **Response:** The March 31, 2014 date has been revised; see the response to question 5 above. Refer to the descriptions of work provided in the RFQ, Pricing Pages, specifications and drawings.
- c. **Question:** At this time (4 weeks prior to bidding) it does not appear the first two project milestone dates are possible, please consider adjusting these completion dates.
- 23c. **Response:** The March 31, 2014 date has been revised; see the response to question 5 above.
24. **Question:** Refer to specification 087100, 1.3, A – “Furnish door hardware as part of Door Hardware Allowance.”; is this an allowance? If so, please provide an allowance specification and schedule.
24. **Response:** ~~DELETE~~ Article 1.3 from Specification Section 087100 – Door Hardware. There is no door hardware allowance on this project.
25. **Question:** Refer to plan sheet A2.02, detail 7H – “See Alternates / Roof Patio Detail”; is this an alternate? If so, please provide an alternate specification and schedule.
25. **Response:** Modification to Drawing: Sheet A2.02 – Roof and Ceiling Details – Detail 7H; ~~DELETE~~ the words “SEE ALTERNATES – “ from the title of this detail. There are no Alternates for this project. All work is part of the base bid.
26. **Question:** Refer to plan sheet A2.03, wall section, and plan sheet S2.08, foundation plan; on sheet A2.03 it refers to “new concrete foundation” but on sheet S2.08 it refers to “existing foundation”. Please clarify.
26. **Response:** A portion of the foundation already exists. There is a new section of foundation being added under this project. Refer to Foundation Plan – Main Building on Sheet S2.08 – Piping Enclosures Foundation & Framing Plans.

27. **Question:** Refer to specification section 07 62 00 and the standing seam roof and wall panels in the documents; please provide additional specification information (approved manufacturers, panel widths, seam requirements, colors, gauge, etc...). If it is the intent to match existing, please provide the existing manufacturer and product information.
27. **Response:** [ADD enclosed Specification section 074113 – Standing-Seam Metal Panels to the Bid Documents.](#)
28. **Question:** Please provide a specification for the overhead door.
28. **Response:** [ADD enclosed Specification section 083613 – Sectional Doors to the Bid Documents.](#)
29. Modification to Specification **Section 200000A – General MEP/FP Requirements**
- a. Section 1.13 – Materials and Equipment: **ADD** Paragraph B as follows: **“B. Contractors shall provide domestic steel products for this project in compliance with West Virginia State Code § 5A-3-56 and as indicated in the State Purchasing Solicitation, General Terms and Conditions, Article 52.”**
- b. Section 1.48 – 24 Month Comprehensive Maintenance, Paragraph F.1.: **ADD** - **“h. Sample and verify fuel oil mixture for winter mix. Provide additives as necessary.”**
- c. Section 1.48 – 24 Month Comprehensive Maintenance, Paragraph G.3.a.: **ADD** - **“11) Fuel Oil Systems.”**
30. Modification to Specification **Section 200006 – Piping Insulation**
- a. Section 2.1 – Insulation Materials - **ADD** the following at new Paragraph G:
- “G. Flexible Elastomeric Insulation – Outdoor Use: Closed-cell, sponge-or expanded-rubber materials. Comply with ASTM C 534, Type II for sheet materials. Insulation shall be factory jacketed with a 12 mil laminated membrane.**
1. **Products:** available products that may be incorporated into the Work include, but are not limited to, the following:
- a. **Armacell LLC; ArmaTuff - White.**
- b. **K-Flex USA.”**
- b. Section 3.10 – Piping Insulation Schedule, General – **REVISE** the following:
- i. **DELETE** Paragraph F.1.c. and **REPLACE** with the following:
- “c. For piping exposed to Outdoor Conditions: Provide flexible elastomeric insulation with factory applied laminated membrane jacket, minimum thickness of 1-1/2 inches.”**
- ii. **DELETE** Paragraph F.2.c. and **REPLACE** with the following:

“c. For piping exposed to Outdoor Conditions: Provide flexible elastomeric insulation with factory applied laminated membrane jacket, minimum thickness of 2 inches.”

iii. **DELETE** Paragraph G.1.a. and G.1.b. and **REPLACE** with the following:

“a. Outdoor Conditions: Provide flexible elastomeric insulation with factory applied laminated membrane jacket, minimum thickness of 2 inches.”

iv. **DELETE** Paragraph H.1.c. and **REPLACE** with the following:

“c. For piping exposed to Outdoor Conditions: Provide flexible elastomeric insulation with factory applied laminated membrane jacket, minimum thickness of 2 inches.”

v. **DELETE** Paragraph H.2.c. and **REPLACE** with the following:

“c. For piping exposed to Outdoor Conditions: Provide flexible elastomeric insulation with factory applied laminated membrane jacket, minimum thickness of 2-1/2 inches.”

31. Modification to Specification **Section 235233 – Water-Tube Boilers**

a. Section 2.1 – Flexible Water-Tube Boilers, Paragraph F.4.d.: **REVISE** the value for the VOC to be **0.05 pounds/hour**.

32. Modification to Specification **Section 263213 – Engine Generators**

a. Section 2.3 – Controls and Operating Sequence:

i. Paragraph E.1. – 8.: **CHANGE** All references to “Fuel Tank”, “Sub-base Tank”, or “Sub-base Fuel Tank” to read **“Sub-base Day Fuel Tank”**.

ii. Paragraph G.1.c.: **CHANGE** “2 hours” to **“a minimum of 4 hours at rated power factor.”**

b. Section 3.5 - Field Quality Control, Paragraph B.2.: **DELETE** entire paragraph and **REPLACE** with the following:

“Unity power factor shall be permitted for on-site testing provided that rated load test at the rated power factor, for no less than 4 hours, has been performed by the generator manufacturer per NFPA 110 prior to shipment to project site. Factory reactive load testing shall have duration of no less than 4 hours.”

33. Modification to Specification **Section 263600 – Transfer Switches**

a. Section 2.1 - Manufactured Units, Paragraph A.1.: **ADD** to list of manufacturers **“d. Generac”**.

34. Modification to Drawing: **Sheet C1.03 – Site and Layout Plan, Temporary Boiler Area**

- a. **ADD** General Note #1: “Contractor shall install temporary cover over walkway at the start of Phase 2 kitchen work.”
 - b. **ADD** General Note #2: “Contractor shall perform concrete sidewalk and pad work adjacent to Area “A” (Central Utility Plant) as part of the emergency power system work under Phase 1. Concrete sidewalk and asphalt paving shall be performed at the completion of Phase 1 work, once the temporary boiler has been removed from the site.”
35. Modification to Drawings: **Sheet M0.01 – Mechanical Symbols Legend, Abbreviations & General Notes and Sheet E0.01 - Electrical Symbols Legend, Abbreviations & General Notes**
- a. **ADD Note #14 to Sheet M0.01 and Note #10 to Sheet E0.01 under Demolition & Renovation General Notes:** “The Contractor will be permitted to provide supports for ductwork, piping, equipment, conduit, etc. by “shooting” anchors into roof and second floor areas that consist of metal decking with concrete above. Anchoring through metal decking that does not have concrete above will not be permitted and the Contractor will be required to support systems and equipment from the existing structure. The Contractor must submit product information for proposed anchors and the maximum load at the anchor locations.”
 - b. **ADD Note #15 to Sheet M0.01 to and Note #11 to Sheet E0.01 under Demolition & Renovation General Notes:** “The Contractor will be permitted to cut existing hangers and supports in lieu of completely removing them from the building structure where fireproofing may be damaged in the removal process. If during cutting, fireproofing is damaged or compromised, the contractor shall be required to patch and repair the fireproofing to provide a coating to achieve the required thickness to meet the original fireproofing requirements or as directed by the Authority Having Jurisdiction (AHJ). All hangers and supports that are cut shall be done in a safe and workmanlike manner and shall not present a safety issue for any future operations personnel in performing routine maintenance on systems or equipment. All existing hangers shall be completely removed in areas that will not disrupt fireproofing. Re-application of fireproofing around new hangers, supports and attachments to the structures shall be provided in accordance with the specifications.”
 - c. **ADD Note #16 to Sheet M0.01 and Note #12 to E0.01 under Demolition & Renovation General Notes:** “The Contractor is to assume all grading, seeding, paving and sidewalk construction around the facility is complete and finished when they begin work. The Contractor shall assume the responsibility for repair of any damage to the existing site work as a result of their construction activities, such as staging and delivery of materials, crane lifts, dumpster sites, etc.”
36. Modification to Drawing: **Sheet M1.01 – Area “A” Partial 1st floor Mechanical Plan**
- a. **REFER to attached Sketch SK-1:** Indicates existing underground tank and **ADDS** Plan Note 34 regarding field location of the fuel storage tank and soil compaction testing.

- b. **ADD General Note #6:** “The Contractor shall provide Fuel Oil Return (FOR) from boiler to main FOR line as indicated on Typical Boiler Fuel Oil Piping Detail. Size shall be equal to Fuel Oil Supply (FOS) to each boiler.”
37. Modification to Drawing: **Sheet M4.03 – Mechanical Details**
- a. Typical Generator Fuel Oil Piping Detail: **DELETE** balancing valve indicated on discharge of overflow recovery pump.
38. Modification to Drawing: **Sheet ES1.01 – Lighting Site Plan**
- a. **REFER to attached Sketch SK-2:** **ADD** two (2) additional Type “U” fixtures to existing poles as shown.
39. Modification to Drawing: **Sheet E4.04 – Electrical Details/Schematics**
- a. Emergency Switchgear – Note #2, Unit #5. **ADD** provide an “Electronic” type in lieu of the “Thermal Mag” type 600A breaker.
 - b. Emergency Switchgear – **ADD Note #8:** “ATS-1 and ATS-1A shall have permissive and load shed contacts (inhibit to transfer). ATS-1 shall hold until two (2) generator units are operating and closed to the emergency bus; and ATS-1A shall hold until all three (3) generators are closed to the bus. The permissive feature shall be controlled by the PM-SC Controller.”
40. Modification to Drawing: **Sheet E5.11 – Lighting Fixture Schedule**
- a. **ADD Note #11** to Schedule: “Contractor shall confirm existing circuit voltage, regardless of indicated voltage on the schedules, and provide the lighting fixtures at the existing voltage for lighting fixture types “U” and “AA” that are noted to be reconnected to existing circuits.”
41. Modification to Drawing: **Sheet M4.02 – Mechanical Details**
- a. Two-Way and Three-Way Hot Water Coil Piping Detail: **CHANGE** title of this detail to “Two-Way and Three-Way Chilled and Hot Water Coil Piping Detail”. This piping detail applies to the AHU, VAV and fin-tube radiator coil connections, with the exception of AHU-3B.
42. Modification to Specification – **Division 0 – DHHR Contractor’s Qualification Statement**
- a. **DELETE** the DHHR Contractor’s Qualification Statement document found in Volume 1 of the bid specifications dated June 14, 2013, and **REPLACE** with the attached DHHR Contractor’s Qualification Statement document.

Revised Pricing Pages

Corresponds to RFQ Item: 5

EXHIBIT A

PRICING PAGES

OWNER: West Virginia Department of Health & Human Resources
Charleston, West Virginia

PROJECT: HVAC Renovations for:

William R. Sharpe, Jr. Hospital - Weston, West Virginia

The undersigned, hereinafter called the Bidder, being familiar with and understanding the Bidding Documents and also having examined the site and being familiar with all local conditions affecting the Project, hereby proposes to furnish all labor, material, equipment, supplies and transportation, and to perform all Work in accordance with the Bidding Documents for the sum of:

BASE BID: _____

\$ _____

(Bid amount should be shown in both words and numbers. In the event of a difference between the written amount and the number amount, the written amount shall prevail.)

Note: Base Bid shall include Cost to provide twenty-four (24) months (from Substantial Completion Date) of Comprehensive Maintenance as detailed in Section 200000A-1.48. The Cost associated with this Comprehensive Maintenance is the sum of:

COMPREHENSIVE MAINTENANCE:

\$ _____

(Bid amount should be shown in both words and numbers. In the event of a difference between the written amount and the number amount, the written amount shall prevail. This sum shall be divided into 24 equal monthly amounts of \$_____ and invoiced directly to the WVDHHR project manager each month.)

All work to complete the Renovations as defined on the construction documents must attain Substantial Completion within eight-hundred sixty-seven (867) calendar days and Final Completion within an additional forty-five (45) calendar days for a combined total of nine-hundred twelve (912) calendar days from the Owner's written Notice to Proceed.

The Bidder agrees that all work required, whether temporary or permanent connections, to provide chilled water, heating hot water, domestic hot water, emergency power and other systems up to the new 50-Bed Addition as well as maintain heating and cooling to the occupied portions of the existing facility must be completed no later than ~~March 31, 2014~~ May 1, 2014. This includes the piping and conduit systems across the roof and coordination of all tie-in's with the Contractor for the 50-Bed Addition Project. The Bidder further agrees that all work necessary to be coordinated and performed within the

ADDENDUM #2 – SEPTEMBER 30, 2013

main kitchen of the facility in conjunction with the Contractor performing the work under the 50-Bed Addition shall be complete no later than ~~March 31, 2014~~ May 1, 2014.

The Bidder agrees that all work required that provides fully functional and permanent chilled water, heating hot water, domestic hot water, emergency power and other systems within the Central Utility Plant for the entire facility shall be complete no later than May 1, 2014.

UNIT PRICES: All Bidders must complete the following unit pricing which can be added or deducted from the contract amount. Refer to Division 1, Section 012200 – “Unit Prices” for detailed requirements regarding unit prices.

Item #1:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “A” Amount = \$ _____

Item #2:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “A1” Amount = \$ _____

Item #3:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “C” Amount = \$ _____

Item #4:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “C1” Amount = \$ _____

Item #5:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “F” Amount = \$ _____

Item #6:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “F1” Amount = \$ _____

Item #7:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “G” Amount = \$ _____

Item #8:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “M” Amount = \$ _____

Item #9:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “X1” Amount = \$ _____

Item #10:

FURNISH AND INSTALL ONE (1) LIGHTING FIXTURE TYPE “X2” Amount = \$ _____

ADDENDUM #2 – SEPTEMBER 30, 2013

Item #11:

FURNISH AND INSTALL ONE (1) OCCUPANCY SENSOR:

DESCRIPTION: ONE LIGHTING OCCUPANCY SENSOR INCLUDING CONDUIT, 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL ACCORDING TO SPECIFICATION SECTION 260924 "OCCUPANCY SENSORS."

Amount = \$ _____

Item #12:

FURNISH AND INSTALL ONE (1) OCCUPANCY SENSOR POWER PACK:

DESCRIPTION: ONE OCCUPANCY SENSOR SYSTEM POWER PACK/SUPPLY INCLUDING ELECTRICAL POWER PROVISIONS, CONDUIT, 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL ACCORDING TO SPECIFICATION SECTION 260924 "OCCUPANCY SENSORS."

Amount = \$ _____

Item #13:

FURNISH AND INSTALL ONE (1) OCCUPANCY SENSOR SWITCH PACK:

DESCRIPTION: ONE OCCUPANCY SENSOR SWITCH PACK INCLUDING CONDUIT, 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL ACCORDING TO SPECIFICATION SECTION 260924 "OCCUPANCY SENSORS."

Amount = \$ _____

ITEM #14:

FURNISH AND INSTALL ONE (1) FIRE ALARM MANUAL PULL STATION:

DESCRIPTION: ONE PULL STATION INCLUDING CONDUIT, BOX AND 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL AND COMPATIBLE WITH EXISTING DEVICES.

Amount = \$ _____

Item #15:

FURNISH AND INSTALL ONE (1) FIRE ALARM SMOKE DETECTOR:

DESCRIPTION: ONE SMOKE DETECTOR INCLUDING CONDUIT, BOX AND 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL AND COMPATIBLE WITH EXISTING DEVICES.

Amount = \$ _____

ADDENDUM #2 – SEPTEMBER 30, 2013

Item #16:

FURNISH AND INSTALL ONE (1) FIRE ALARM SPEAKER:

DESCRIPTION: ONE SPEAKER INCLUDING CONDUIT, BOX AND 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL AND COMPATIBLE WITH EXISTING DEVICES.

Amount = \$ _____

Item #17:

FURNISH AND INSTALL ONE (1) FIRE ALARM STROBE:

DESCRIPTION: ONE STROBE INCLUDING CONDUIT, BOX AND 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL AND COMPATIBLE WITH EXISTING DEVICES.

Amount = \$ _____

Item #18:

FURNISH AND INSTALL ONE (1) FIRE ALARM SPEAKER/STROBE:

DESCRIPTION: ONE SPEAKER/STROBE INCLUDING CONDUIT, BOX AND 100 FEET OF WIRING, COMPLETELY INSTALLED, TERMINATED AND FULLY OPERATIONAL AND COMPATIBLE WITH EXISTING DEVICES.

Amount = \$ _____

Item #19:

PENETRATION FIRESTOPPING – TOP OF FIRE-RATED WALLS:

DESCRIPTION: APPLY ADDITIONAL FIRE-SEALANT AT TOP OF FIRE-RATED PARTITIONS AS DIRECTED BY THE ENGINEER, ACCORDING TO SECTION 078413 “PENETRATION FIRESTOPPING.”

UNIT OF MEASUREMENT: LINEAR FOOT OF SEALANT

Amount = \$ _____

Item #20:

PENETRATION FIRESTOPPING – PENETRATIONS IN FIRE-RATED WALLS:

DESCRIPTION: APPLY ADDITIONAL FIRE-SEALANT AT EACH PENETRATION IN FIRE-RATED PARTITIONS AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 078413 “PENETRATION FIRESTOPPING.”

UNIT OF MEASUREMENT: EACH

Amount = \$ _____

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Item #21:

JOINT SEALANT – EXISTING SMOKE PARTITIONS:

DESCRIPTION: APPLY ADDITIONAL SEALANT TO EXISTING SMOKE PARTITIONS AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 079200 “JOINT SEALANTS.”

UNIT OF MEASUREMENT: LINEAR FOOT OF SEALANT

Amount = \$ _____

Item #22:

ACOUSTICAL PANEL CEILINGS – TYPE ACT-1:

DESCRIPTION: INSTALL ADDITIONAL CEILING TYPE ACT-1 AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 095113 “ACOUSTICAL PANEL CEILING.”

UNIT OF MEASUREMENT: 100 SQUARE FEET

Amount = \$ _____

Item #23:

ACOUSTICAL PANEL CEILINGS – TYPE ACT-2:

DESCRIPTION: INSTALL ADDITIONAL CEILING SYSTEM TYPE ACT-2 AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 095113 “ACOUSTICAL PANEL CEILING.”

UNIT OF MEASUREMENT: 100 SQUARE FEET

Amount = \$ _____

Item #24:

PAINTING FOR GYPSUM BOARD SUBSTRATE:

DESCRIPTION: PROVIDE ADDITIONAL PRIMING AND PAINTING OF GYPSUM BOARD SUBSTRATE AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 095113 “INTERIOR PAINTING.”

UNIT OF MEASUREMENT: 100 SQUARE FEET.

Amount = \$ _____

Item #25:

PAINTING FOR CMU SUBSTRATE:

DESCRIPTION: PROVIDE ADDITIONAL PRIMING AND PAINTING FOR CMU SUBSTRATE AS DIRECTED BY ENGINEER, ACCORDING TO SECTION 095113 “INTERIOR PAINTING.”

UNIT OF MEASUREMENT: 100 SQUARE FEET

Amount = \$ _____

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Item #26:

PATCHING OF EXISTING GYPSUM BOARD:

DESCRIPTION: PROVIDE ADDITIONAL PATCHING OF GYPSUM BOARD OVER EXISTING FRAMING WITH ONE LAYER OF 5/8" TYPE X GYPSUM BOARD, SCREWS, TAPE, MUD, WITH TYPE 2 FINISH, PATCH TO BE SMOKE TIGHT. PATCHING, ACCORDING TO SECTION 092900 "GYPSUM BOARD."

**UNIT OF MEASUREMENT: 2'-0" X 2'-0" (4 SQUARE FEET)
PER PATCH**

Amount = \$ _____

RESPECTFULLY SUBMITTED:

SIGNATURE: _____ DATE: _____

NAME: _____

FIRM NAME: _____

FIRM ADDRESS: _____

TELEPHONE: _____

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CONTRACT TIME:

Substantial Completion **within eight-hundred sixty-seven (867) calendar days from Notice to Proceed.**

Final Construction Completion and Owner Acceptance **within nine-hundred twelve (912) calendar days from Notice to Proceed.**

Contractor's License Number: _____

LIQUIDATED DAMAGES: Refer to the RFQ for Liquidated Damages on this project.

AUTHORITY AND RESPONSIBILITY OF THE ENGINEER:

The Engineer shall decide any and all questions that may arise as to the quality and acceptability of materials furnished, work performed, rate of progress of work, interpretation of drawings and specifications and all questions as to the acceptable fulfillment of the contract on the part of the contractor.

SUCCESSORS AND ASSIGNS:

This Agreement and all of the covenants hereof shall inure to the benefit of and be binding upon the Owner and the Contractor respectively and his partners, successors, assigns and legal representatives. Neither the Owner nor the Contractor shall have the right to assign, transfer or sublet his interests or obligations hereunder without consent of the other party.

BIDDER'S CERTIFICATION

The Bidder hereby acknowledges that the following representations in this Proposal are material and not mere recitals:

1. Bidder has read and understands the Contract Documents and agrees to comply with all requirements of the Contract Documents, regardless of whether the Bidder has actual knowledge of the requirements and regardless of any statement or omission made by the Bidder, which might indicate a contrary intention.
2. The Bidder represents that the Proposal is based upon the Standards specified by the Contract Documents.
3. Bidder has visited the site, has become familiar with local conditions and has correlated personal observations about the requirements of the Contract Documents. The Bidder has no outstanding questions regarding the interpretation of the Contract Documents.
4. The Bidder shall make a good faith effort to ensure that all the Bidder employees, while working on Owner's property, shall not purchase, transfer, use or possess tobacco products, illegal drugs, alcohol, abuse prescription drugs in any way.

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5. Bidder agrees to furnish any information requested by the Owner/Engineer to evaluate the responsibility of the Bidder.
6. The Bidder and each person signing on behalf of the Bidder certifies, and in the case of a joint Proposal, each party thereto certifies as to such party's organization, under penalty of perjury, that to the best of the undersigned's knowledge and belief:
 - 6.1 The Proposal has been prepared independently without collusion, consultation, communication or agreement, for the purpose of restricting competition as to any matter relating to such Proposal.
 - 6.2 Unless otherwise required by law, the costs, which have been quoted in the Proposal, have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the Proposal deadline, directly or indirectly, to any other Bidder that would have any interest in the Proposal costs.
 - 6.3 No attempt has been made or will be made by the Bidder to induce any other individual, partnership or corporation to submit or not to submit a Proposal for the purpose of restricting competition.

The bidder must furnish a copy of their Contractor's Licenses or their Contractor's License Number with their bid. Failure to provide will result in the disqualification of the bid.

END OF SECTION 001120

Specification Section 074113 – Standing Seam Metal Panels

Corresponds to RFQ Item: 27

SECTION 074113 - STANDING-SEAM METAL PANELS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.
- B. Section 200000A - General MEP/FP Requirements applies to and forms a part of these specifications. Articles of this section shall govern unless superseded by specific stipulations of other Divisions of the Specifications.
- C. Drawings and General Notes apply to and form a part of the Specifications.

1.2 SUMMARY

- A. Section includes standing-seam metal panels.

1.3 PREINSTALLATION MEETINGS

- A. Pre-installation Conference: Conduct conference at Project site.
 - 1. Review and finalize construction schedule and verify availability of materials, installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 - 2. Review methods and procedures related to metal panel installation, including manufacturer's written instructions.
 - 3. Examine support conditions for compliance with requirements, including alignment between and attachment to structural members.
 - 4. Review structural loading limitations of purlins during and after roofing.
 - 5. Review flashings, special details, drainage, penetrations, and condition of other construction that affect metal panels.
 - 6. Review governing regulations and requirements.
 - 7. Review temporary protection requirements for metal panel systems during and after installation.
 - 8. Review procedures for repair of metal panels damaged after installation.
 - 9. Document proceedings, including corrective measures and actions required, and furnish copy of record to each participant.

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1.4 SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of panel and accessory.
- B. Shop Drawings:
 - 1. Include fabrication and installation layouts of metal panels; details of edge conditions, joints, panel profiles, corners, anchorages, attachment system, trim, flashings, closures, and accessories; and special details.
 - 2. Accessories: Include details of the flashing, trim, and anchorage systems, at a scale of not less than 1-1/2 inches per 12 inches (1:10).
- C. Samples for Initial Selection: For each type of metal panel indicated with factory-applied color finishes:
 - 1. Include similar Samples of trim and accessories involving color selection.
- D. Qualification Data: For Installer.
- E. Product Test Reports: For each product, for tests performed by a qualified testing agency.
- F. Field quality-control reports.
- G. Sample Warranties: For special warranties.
- H. Maintenance Data: For metal panels to include in maintenance manuals.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver components, metal panels, and other manufactured items so as not to be damaged or deformed. Package metal panels for protection during transportation and handling.
- B. Unload, store, and erect metal panels in a manner to prevent bending, warping, twisting, and surface damage.
- C. Stack metal panels horizontally on platforms or pallets, covered with suitable weathertight and ventilated covering. Store metal panels to ensure dryness, with

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positive slope for drainage of water. Do not store metal panels in contact with other materials that might cause staining, denting, or other surface damage.

- D. Retain strippable protective covering on metal panels during installation.

1.7 FIELD CONDITIONS

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit assembly of metal panels to be performed according to manufacturers' written instructions and warranty requirements.
- B. Prior to fabrication of panels, take field measurements of structure or substrates to receive panel system. Allow for trimming panel units where final dimensions cannot be established prior to fabrication.

1.8 WARRANTY

- A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of metal panel systems that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including rupturing, cracking, or puncturing.
 - b. Deterioration of metals and other materials beyond normal weathering.
 - 2. Warranty Period: Two years from date of Substantial Completion of the Final Phase of the project.
- B. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal panels that show evidence of deterioration of factory-applied finishes within specified warranty period.
 - 1. Exposed Panel Finish: Deterioration includes, but is not limited to, the following:
 - a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
 - b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
 - c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.
 - 2. Finish Warranty Period: 20 years from date of Substantial Completion of the Final Phase of the project.

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PART 2 - PRODUCTS

2.1 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: 20 lbs. per sq. ft. inward; 15 lbs per sq. ft. outward.
 - 2. Roof Loading: 50 lbs. per sq. ft. inward; 15 lbs per sq. ft. outward.
 - 3. Deflection Limits: For wind loads, no greater than 1/180 of the span.
- B. Water Penetration: No water penetration, uncontrolled leakage at 4 lbs. per sq. ft. pressure with spray test for metal panels.
- C. Wind-Uplift Resistance: Provide metal panel assemblies that comply with UL 580 for wind-uplift-resistance class indicated.
 - 1. Uplift Rating: UL 30.
- D. Hail Resistance: SH.
- E. 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.
 - 1. Temperature Change (Range): 120 deg F, ambient; 180 deg F, material surfaces.

2.2 STANDING-SEAM METAL PANELS

- A. General: Provide factory-formed metal panels designed to be installed by lapping and interconnecting raised side edges of adjacent panels with joint type indicated and mechanically attaching panels to supports using concealed clips in side laps. Include clips, cleats, pressure plates, and accessories required for weathertight installation.
 - 1. Aluminum Panel Systems: Unless more stringent requirements are indicated, comply with ASTM E 1637.
- B. Vertical-Rib, Snap-Joint, Standing-Seam Metal Panels: Formed with vertical ribs at panel edges and a flat pan between ribs; designed for sequential installation by mechanically attaching panels to supports using concealed clips located under one side of panels, engaging opposite edge of adjacent panels, and snapping panels together.

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1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. AEP Span; a BlueScope Steel company.
 - b. Architectural Metal Systems; a Nucor company.
 - c. CENTRIA Architectural Systems.
 - d. Fabral.
 - e. MBCI; a division of NCI Building Systems, L.P.
 - f. Petersen Aluminum Corporation.
 - g. Ryerson, Inc.
2. Aluminum Sheet: Coil-coated sheet, ASTM B 209, alloy as standard with manufacturer, with temper as required to suit forming operations and structural performance required.
 - a. Thickness: 0.040 inch.
 - b. Surface: Smooth, flat finish.
 - c. Exterior Finish: Three-coat fluoropolymer.
 - d. Color: Match existing metal panels.
3. Clips: One-piece fixed to accommodate thermal movement.
 - a. Material: 0.062-inch-thick, stainless-steel sheet.
4. Panel Coverage: 14 inches, match existing width; field verify.
5. Panel Height: 2 inches.

2.3 MISCELLANEOUS MATERIALS

- A. Miscellaneous Metal Subframing and Furring: ASTM C 645; cold-formed, metallic-coated steel sheet, ASTM A 653/A 653M, G90 (Z275 hot-dip galvanized) coating designation or ASTM A 792/A 792M, Class AZ50 (Class AZM150) coating designation unless otherwise indicated. Provide manufacturer's standard sections as required for support and alignment of metal panel system.
- B. Panel Accessories: Provide components required for a complete, weathertight panel system including trim, copings, fasciae, mullions, sills, corner units, clips, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of metal panels unless otherwise indicated.
 1. Closures: Provide closures at eaves and ridges, fabricated of same metal as metal panels.
 2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from material recommended by manufacturer.
 3. Closure Strips: Closed-cell, expanded, cellular, rubber or crosslinked, polyolefin-foam or closed-cell laminated polyethylene; minimum 1-inch-thick, flexible closure strips; cut or premolded to match metal panel profile. Provide closure strips where indicated or necessary to ensure weathertight construction.

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- C. Flashing and Trim: Provide flashing and trim formed from same material as metal panels as required to seal against weather and to provide finished appearance. Locations include, but are not limited to, eaves, rakes, corners, bases, framed openings, ridges, fasciae, and fillers. Finish flashing and trim with same finish system as adjacent metal panels.
- D. Gutters (Where Indicated): Formed from same material as panels, complete with end pieces, outlet tubes, and other special pieces as required. Fabricate in minimum 96-inch- long sections, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Furnish gutter supports spaced a maximum of 36 inches o.c., fabricated from same metal as gutters. Provide wire ball strainers of compatible metal at outlets. Finish gutters to match metal panels.
- E. Downspouts (Where Indicated): Formed from same material as panels. Fabricate in 10-foot-long sections, complete with formed elbows and offsets, of size and metal thickness according to SMACNA's "Architectural Sheet Metal Manual." Finish downspouts to match gutters.
- F. Panel Fasteners: Self-tapping screws designed to withstand design loads.
- G. Panel Sealants: Provide sealant type recommended by manufacturer that are compatible with panel materials, are nonstaining, and do not damage panel finish.
 - 1. Sealant Tape: Pressure-sensitive, 100 percent solids, gray polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
 - 2. Joint Sealant: ASTM C 920; elastomeric polyurethane or silicone sealant; of type, grade, class, and use classifications required to seal joints in metal panels and remain weathertight; and as recommended in writing by metal panel manufacturer.

2.4 FABRICATION

- A. General: Fabricate and finish metal panels and accessories at the factory, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
- B. On-Site Fabrication: Subject to compliance with requirements of this Section, metal panels may be fabricated on-site using UL-certified, portable roll-forming equipment if panels are of same profile and warranted by manufacturer to be equal to factory-formed panels. Fabricate according to equipment manufacturer's written instructions and to comply with details shown.
- C. Provide panel profile, including major ribs and intermediate stiffening ribs, if any, for full length of panel.

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- D. Sheet Metal Flashing and Trim: Fabricate flashing and trim to comply with manufacturer's recommendations and recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to design, dimensions, metal, and other characteristics of item indicated.
1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
 2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
 3. Seams for Other Than Aluminum: Fabricate nonmoving seams in accessories with flat-lock seams. Tin edges to be seamed, form seams, and solder.
 4. Sealed Joints: Form nonexpansion, but movable, joints in metal to accommodate sealant and to comply with SMACNA standards.
 5. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
 6. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended in writing by metal panel manufacturer.
 - a. Size: As recommended by SMACNA's "Architectural Sheet Metal Manual" or metal panel manufacturer for application, but not less than thickness of metal being secured.

2.5 FINISHES

- A. Protect mechanical and painted finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- B. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in same piece are unacceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- C. Aluminum Panels and Accessories:
1. Three-Coat Fluoropolymer: AAMA 620. Fluoropolymer finish containing not less than 70 percent PVDF resin by weight in both color coat and clear topcoat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.

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PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, metal panel supports, and other conditions affecting performance of the Work.
 - 1. Examine primary and secondary framing to verify that rafters, purlins, angles, channels, and other structural panel support members and anchorages have been installed within alignment tolerances required by metal panel manufacturer.
- B. Examine roughing-in for components and systems penetrating metal panels to verify actual locations of penetrations relative to seam locations of metal panels before installation.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Miscellaneous Supports: Install subframing, furring, and other miscellaneous panel support members and anchorages according to ASTM C 754 and metal panel manufacturer's written recommendations.

3.3 METAL PANEL INSTALLATION

- A. General: Install metal panels according to manufacturer's written instructions in orientation, sizes, and locations indicated. Install panels perpendicular to supports unless otherwise indicated. Anchor metal panels and other components of the Work securely in place, with provisions for thermal and structural movement.
 - 1. Shim or otherwise plumb substrates receiving metal panels.
 - 2. Flash and seal metal panels at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until air- or water-resistive barriers and flashings that will be concealed by metal panels are installed.
 - 3. Install screw fasteners in predrilled holes.
 - 4. Locate and space fastenings in uniform vertical and horizontal alignment.
 - 5. Install flashing and trim as metal panel work proceeds.
 - 6. Locate panel splices over, but not attached to, structural supports. Stagger panel splices and end laps to avoid a four-panel lap splice condition.
 - 7. Align bottoms of metal panels and fasten with blind rivets, bolts, or self-tapping screws. Fasten flashings and trim around openings and similar elements with self-tapping screws.
 - 8. Provide weathertight escutcheons for pipe- and conduit-penetrating panels.
- B. Fasteners:

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1. Aluminum Panels: Use aluminum or stainless-steel fasteners for surfaces exposed to the exterior; use aluminum or galvanized-steel fasteners for surfaces exposed to the interior.
- C. Anchor Clips: Anchor metal panels and other components of the Work securely in place, using manufacturer's approved fasteners according to manufacturers' written instructions.
- D. Metal Protection: Where dissimilar metals contact each other or corrosive substrates, protect against galvanic action as recommended in writing by metal panel manufacturer.
- E. Standing-Seam Metal Panel Installation: Fasten metal panels to supports with concealed clips at each standing-seam joint at location, spacing, and with fasteners recommended in writing by manufacturer.
 1. Install clips to supports with self-tapping fasteners.
 2. Install pressure plates at locations indicated in manufacturer's written installation instructions.
 3. Seamed Joint: Crimp standing seams with manufacturer-approved, motorized seamer tool so clip, metal panel, and factory-applied sealant are completely engaged.
 4. Watertight Installation:
 - a. Apply a continuous ribbon of sealant or tape to seal joints of metal panels, using sealant or tape as recommend in writing by manufacturer as needed to make panels watertight.
 - b. Provide sealant or tape between panels and protruding equipment, vents, and accessories.
 - c. At panel splices, nest panels with minimum 6-inch end lap, sealed with sealant and fastened together by interlocking clamping plates.
- F. Accessory Installation: Install accessories with positive anchorage to building and weathertight mounting, and provide for thermal expansion. Coordinate installation with flashings and other components.
 1. Install components required for a complete metal panel system including trim, copings, corners, seam covers, flashings, sealants, gaskets, fillers, closure strips, and similar items. Provide types indicated by metal panel manufacturers; or, if not indicated, types recommended by metal panel manufacturer.
- G. Flashing and Trim: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints, and seams that will be permanently watertight and weather resistant.
 1. Install exposed flashing and trim that is without buckling and tool marks, and that is true to line and levels indicated, with exposed edges folded back to form hems.

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Install sheet metal flashing and trim to fit substrates and achieve waterproof and weather-resistant performance.

2. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim. Space movement joints at a maximum of 10 feet with no joints allowed within 24 inches of corner or intersection. Where lapped expansion provisions cannot be used or would not be sufficiently weather resistant and waterproof, form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with mastic sealant (concealed within joints).

- H. Gutters: Join sections with riveted and soldered or lapped and sealed joints. Attach gutters to eave with gutter hangers spaced not more than 36 inches o.c. using manufacturer's standard fasteners. Provide end closures and seal watertight with sealant. Provide for thermal expansion.

- I. Downspouts: Join sections with telescoping joints. Provide fasteners designed to hold downspouts securely 1 inch away from walls; locate fasteners at top and bottom and at approximately 60 inches o.c. in between.
 1. Provide elbows at base of downspouts to direct water away from building.
 2. Connect downspouts to underground drainage system indicated.

- J. Pipe Flashing: Form flashing around pipe penetration and metal panels. Fasten and seal to metal panels as recommended by manufacturer.

3.4 ERECTION TOLERANCES

- A. Installation Tolerances: Shim and align metal panel units within installed tolerance of 1/4 inch in 20 feet on slope and location lines as indicated and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

3.5 FIELD QUALITY CONTROL

- A. Remove and replace applications of metal panels where tests and inspections indicate that they do not comply with specified requirements.

- B. Additional tests and inspections, at Contractor's expense, are performed to determine compliance of replaced or additional work with specified requirements.

- C. Prepare test and inspection reports.

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3.6 CLEANING AND PROTECTION

- 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.
- B. Replace metal panels that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.

END OF SECTION 074113

Specification Section 083613 – Sectional Doors

Corresponds to RFQ Item: 28

SECTION 083613 - SECTIONAL DOORS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 Specification Sections, apply to this Section.
- B. Section 200000A - General MEP/FP Requirements applies to and forms a part of these specifications. Articles of this section shall govern unless superseded by specific stipulations of other Divisions of the Specifications.
- C. Drawings and General Notes apply to and form a part of the Specifications.

1.2 SUMMARY

- A. Section includes manually operated sectional doors.
- B. Related Requirements:
 - 1. Division 5 Sections "Structural Steel Framing" and "Cold-Formed Metal Framing" for miscellaneous steel supports.

1.3 SUBMITTALS

- A. Product Data: For each type and size of sectional door and accessory.
 - 1. Include construction details, material descriptions, dimensions of individual components, profile door sections, and finishes.
 - 2. Include rated capacities, operating characteristics, electrical characteristics, and furnished accessories.
- B. Shop Drawings: For each installation and for special components not dimensioned or detailed in manufacturer's product data.
 - 1. Include plans, elevations, sections, and mounting details.
 - 2. Include details of equipment assemblies. Indicate dimensions, required clearances, method of field assembly, components, and location and size of each field connection.
 - 3. Include points of attachment and their corresponding static and dynamic loads imposed on structure.

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- C. Samples for Initial Selection: For units with factory-applied finishes.
 - 1. Include Samples of accessories involving color selection.
- D. Qualification Data: For Installer.
- E. Sample Warranties: For special warranties.
- F. Maintenance Data: For sectional doors to include in maintenance manuals.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by manufacturer for both installation and maintenance of units required for this Project.

1.5 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace components of sectional doors that fail in materials or workmanship within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Structural failures including, but not limited to, excessive deflection.
 - b. Failure of components or operators before reaching required number of operation cycles.
 - c. Faulty operation of hardware.
 - d. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use; rust through.
 - e. Delamination of exterior or interior facing materials.
 - 2. Warranty Period: Two years from date of Substantial Completion.
- B. Special Finish Warranty: Manufacturer agrees to repair or replace components that show evidence of deterioration of factory-applied finishes within specified warranty period.
 - 1. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

- A. Source Limitations: Obtain sectional doors from single source from single manufacturer.

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1. Obtain operators and controls from sectional door manufacturer.

2.2 PERFORMANCE REQUIREMENTS

- A. General Performance: Sectional doors shall comply with performance requirements specified without failure due to defective manufacture, fabrication, installation, or other defects in construction.
- B. Structural Performance, Exterior Doors: Capable of withstanding the design wind loads.
 1. Design Wind Load: Uniform pressure (velocity pressure) of 20 lbf/sq. ft. (960 Pa), acting inward and outward.
 2. Testing: According to ASTM E 330.
 3. Deflection Limits: Design sectional doors to withstand design wind loads without evidencing permanent deformation or disengagement of door components.
 - a. Deflection of door sections in horizontal position (open) shall not exceed 1/120 of the door width.
 - b. Deflection of horizontal track assembly shall not exceed 1/240 of the door height.

2.3 DOOR ASSEMBLY

- A. Aluminum Sectional Door: Sectional door formed with hinged sections and fabricated according to DASMA 102 unless otherwise indicated.
 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - a. Clopay Building Products.
 - b. Overhead Door Corporation.
 - c. Raynor.
 - d. Rite-Hite Corporation.
 - e. Wayne-Dalton Corp.
 - f. Windsor Door.
- B. Operation Cycles: Door components and operators capable of operating for not less than 25,000. One operation cycle is complete when a door is opened from the closed position to the fully open position and returned to the closed position.
- C. Air Infiltration: Maximum rate of 0.08 cfm/sq. ft. (0.406 L/s per sq. m) at 15 and 25 mph (24.1 and 40.2 km/h) when tested according to DASMA 105.
- D. R-Value: 7.35; U-value of 0.136.

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- E. Steel Sections: Zinc-coated (galvanized) steel sheet with [G60 (Z180)] [G90 (Z275)] zinc coating.
 - 1. Section Thickness: 1-3/4 inches (44 mm).
 - 2. Exterior-Face, Steel Sheet Thickness: 0.040-inch- (1.02-mm-) nominal coated thickness.
 - a. Surface: Flat.
 - b. Surface: Manufacturer's standard, grooved.
 - 3. Insulation: Foamed in place.
 - 4. Interior Facing Material: Zinc-coated (galvanized) steel sheet with a nominal coated thickness of manufacturer's recommended dimension to comply with performance requirements.
- F. Track Configuration: Vertical-lift track- match existing installation.
- G. Weatherseals: Fitted to bottom and top and around entire perimeter of door.
- H. Roller-Tire Material: Case-hardened steel.
- I. Locking Devices: Equip door with slide bolt for padlock and chain lock keeper.
 - 1. Locking Device Assembly: Cremone type, both jamb sides, locking bars, operable from inside with thumbturn.
- J. Counterbalance Type: Torsion spring.
- K. Manual Door Operator: Chain-hoist operator.
- L. Door Finish:
 - 1. Baked-Enamel or Powder-Coat Finish: Color and gloss matching Architect's sample] [Color and gloss as selected by Architect from manufacturer's full range.
 - 2. Factory Prime Finish: Manufacturer's standard color.
 - 3. Finish of Interior Facing Material: Match finish of exterior section face.

2.4 STEEL DOOR SECTIONS

- A. Exterior Section Faces and Frames: Zinc-coated (galvanized), cold-rolled, commercial steel (CS) sheet, complying with ASTM A 653/A 653M, with indicated zinc coating and thickness.
 - 1. Fabricate section faces from single sheets to provide sections not more than 24 inches (610 mm) high and of indicated thickness. Roll horizontal meeting edges to a continuous, interlocking, keyed, rabbeted, shiplap, or tongue-in-groove weather-resistant seal, with a reinforcing flange return.
 - 2. For insulated doors, provide sections with continuous thermal-break construction, separating the exterior and interior faces of door.

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- B. Section Ends and Intermediate Stiles: Enclose open ends of sections with channel end stiles formed from galvanized-steel sheet not less than 0.064-inch- (1.63-mm-) nominal coated thickness and welded to door section. Provide intermediate stiles formed from not less than 0.064-inch- (1.63-mm-) thick galvanized-steel sheet, cut to door section profile, and welded in place. Space stiles not more than 48 inches (1219 mm) apart.
- C. Reinforce bottom section with a continuous channel or angle conforming to bottom-section profile.
- D. Reinforce sections with continuous horizontal and diagonal reinforcement, as required to stiffen door and for wind loading. Provide galvanized-steel bars, struts, trusses, or strip steel, formed to depth and bolted or welded in place.
- E. Provide reinforcement for hardware attachment.
- F. Foamed-in-Place Thermal Insulation: Insulate interior of steel sections with door manufacturer's standard CFC-free polyurethane insulation, foamed in place to completely fill interior of section and pressure bonded to face sheets to prevent delamination under wind load, and with maximum flame-spread and smoke-developed indexes of 75 and 450, respectively, according to ASTM E 84. Enclose insulation completely within steel sections and the interior facing material, with no exposed insulation.
- G. Interior Facing Material: Zinc-coated (galvanized), cold-rolled, commercial steel (CS) sheet, complying with ASTM A 653/A 653M, with indicated thickness.
- H. Fabricate sections so finished door assembly is rigid and aligned, with tight hairline joints and free of warp, twist, and deformation.

2.5 TRACKS, SUPPORTS, AND ACCESSORIES

- A. Tracks: Manufacturer's standard, galvanized-steel track system of configuration indicated, sized for door size and weight, designed for lift type indicated and clearances indicated on Drawings, Provide complete system including brackets, bracing, and reinforcement to ensure rigid support of ball-bearing roller guides for required door type, size, weight, and loading.
 - 1. Galvanized Steel: ASTM A 653/A 653M, minimum G60 (Z180) zinc coating.
 - 2. Slope tracks at an angle from vertical or design tracks to ensure tight closure at jambs when door unit is closed.
 - 3. Track Reinforcement and Supports: Galvanized-steel members to support track without sag, sway, and vibration during opening and closing of doors. Slot vertical sections of track spaced 2 inches (51 mm) apart for door-drop safety device.
 - a. For Vertical Track: Continuous reinforcing angle attached to track and attached to wall with jamb brackets.

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- B. Weatherseals: Replaceable, adjustable, continuous, compressible weather-stripping gaskets of flexible vinyl, rubber, or neoprene fitted to bottom and top of sectional door unless otherwise indicated.

2.6 HARDWARE

- A. General: Heavy-duty, corrosion-resistant hardware, with hot-dip galvanized, stainless-steel, or other corrosion-resistant fasteners, to suit door type.
- B. Hinges: Heavy-duty, galvanized-steel hinges of not less than 0.079-inch- (2.01-mm-) nominal coated thickness at each end stile and at each intermediate stile, according to manufacturer's written recommendations for door size. Attach hinges to door sections through stiles and rails with bolts and lock nuts or lock washers and nuts. Use rivets or self-tapping fasteners where access to nuts is impossible. Provide double-end hinges where required, for doors more than 16 feet (4.88 m) wide unless otherwise recommended by door manufacturer.
- C. Rollers: Heavy-duty rollers with steel ball-bearings in case-hardened steel races, mounted with varying projections to suit slope of track. Extend roller shaft through both hinges where double hinges are required. Provide 3-inch- (76-mm-) diameter roller tires for 3-inch- (76-mm-) wide track and 2-inch- (51-mm-) diameter roller tires for 2-inch- (51-mm-) wide track.
- D. Push/Pull Handles: Equip each push-up operated or emergency-operated door with galvanized-steel lifting handles on each side of door, finished to match door.

2.7 LOCKING DEVICES

- A. Locking Device Assembly: Fabricate with cylinder lock, spring-loaded deadbolt, operating handle, cam plate, and adjustable locking bars to engage through slots in tracks.
- B. Chain Lock Keeper: Suitable for padlock.

2.8 COUNTERBALANCE MECHANISM

- A. Torsion Spring: Counterbalance mechanism consisting of adjustable-tension torsion springs fabricated from steel-spring wire complying with ASTM A 229/A 229M, mounted on torsion shaft made of steel tube or solid steel. Provide springs designed for number of operation cycles indicated.
- B. Cable Drums and Shaft for Doors: Cast-aluminum or gray-iron casting cable drums mounted on torsion shaft and grooved to receive door-lifting cables as door is raised. Mount counterbalance mechanism with manufacturer's standard ball-bearing brackets at each end of torsion shaft. Provide one additional midpoint bracket for shafts up to 16 feet (4.88 m) long and two additional brackets at one-third points to support shafts

ADDENDUM #2 – SEPTEMBER 30, 2013

more than 16 feet (4.88 m) long unless closer spacing is recommended by door manufacturer.

- C. Cables: Galvanized-steel, multistrand, lifting cables with cable safety factor of at least 5 to 1.
- D. Bracket: Provide anchor support bracket as required to connect stationary end of spring to the wall and to level the shaft and prevent sag.
- E. Bumper: Provide spring bumper at each horizontal track to cushion door at end of opening operation.

2.9 MANUAL DOOR OPERATORS

- A. General: Equip door with manual door operator by door manufacturer.
- B. Chain-Hoist Operator: Consisting of endless steel hand chain, chain-pocket wheel and guard, and gear-reduction unit with a maximum 25-lbf (111-N) force for door operation. Provide alloy-steel hand chain with chain holder secured to operator guide.

2.10 GENERAL FINISH REQUIREMENTS

- A. Comply with NAAMM/NOMMA's "Metal Finishes Manual for Architectural and Metal Products (AMP 500-06)" for recommendations for applying and designating finishes.
- 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.

2.11 STEEL AND GALVANIZED-STEEL FINISHES

- A. Factory Prime Finish: Manufacturer's standard primer, compatible with field-applied finish. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.
- B. Baked-Enamel or Powder-Coat Finish: Manufacturer's standard baked-on finish consisting of prime coat and thermosetting topcoat. Comply with coating manufacturer's written instructions for cleaning, pretreatment, application, and minimum dry film thickness.

ADDENDUM #2 – SEPTEMBER 30, 2013

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for substrate construction and other conditions affecting performance of the Work.
- B. Examine locations of electrical connections.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install sectional doors and operating equipment complete with necessary hardware, anchors, inserts, hangers, and equipment supports; according to manufacturer's written instructions and as specified.
- B. Tracks:
 - 1. Fasten vertical track assembly to opening jambs and framing, spaced not more than 24 inches (610 mm) apart.
 - 2. Hang horizontal track assembly from structural overhead framing with angles or channel hangers attached to framing by welding or bolting, or both. Provide sway bracing, diagonal bracing, and reinforcement as required for rigid installation of track and door-operating equipment.
- C. Accessibility: Install sectional doors, switches, and controls along accessible routes in compliance with regulatory requirements for accessibility.

3.3 STARTUP SERVICES

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Complete installation and startup checks according to manufacturer's written instructions.
 - 2. Test and adjust controls and safety devices. Replace damaged and malfunctioning controls and equipment.

3.4 ADJUSTING

- A. Adjust hardware and moving parts to function smoothly so that doors operate easily, free of warp, twist, or distortion.
- B. Lubricate bearings and sliding parts as recommended by manufacturer.

ADDENDUM #2 – SEPTEMBER 30, 2013

- C. Adjust doors and seals to provide weather-resistant fit around entire perimeter.
- D. Touch-up Painting: Immediately after welding galvanized materials, clean welds and abraded galvanized surfaces and repair galvanizing to comply with ASTM A 780/A 780M.

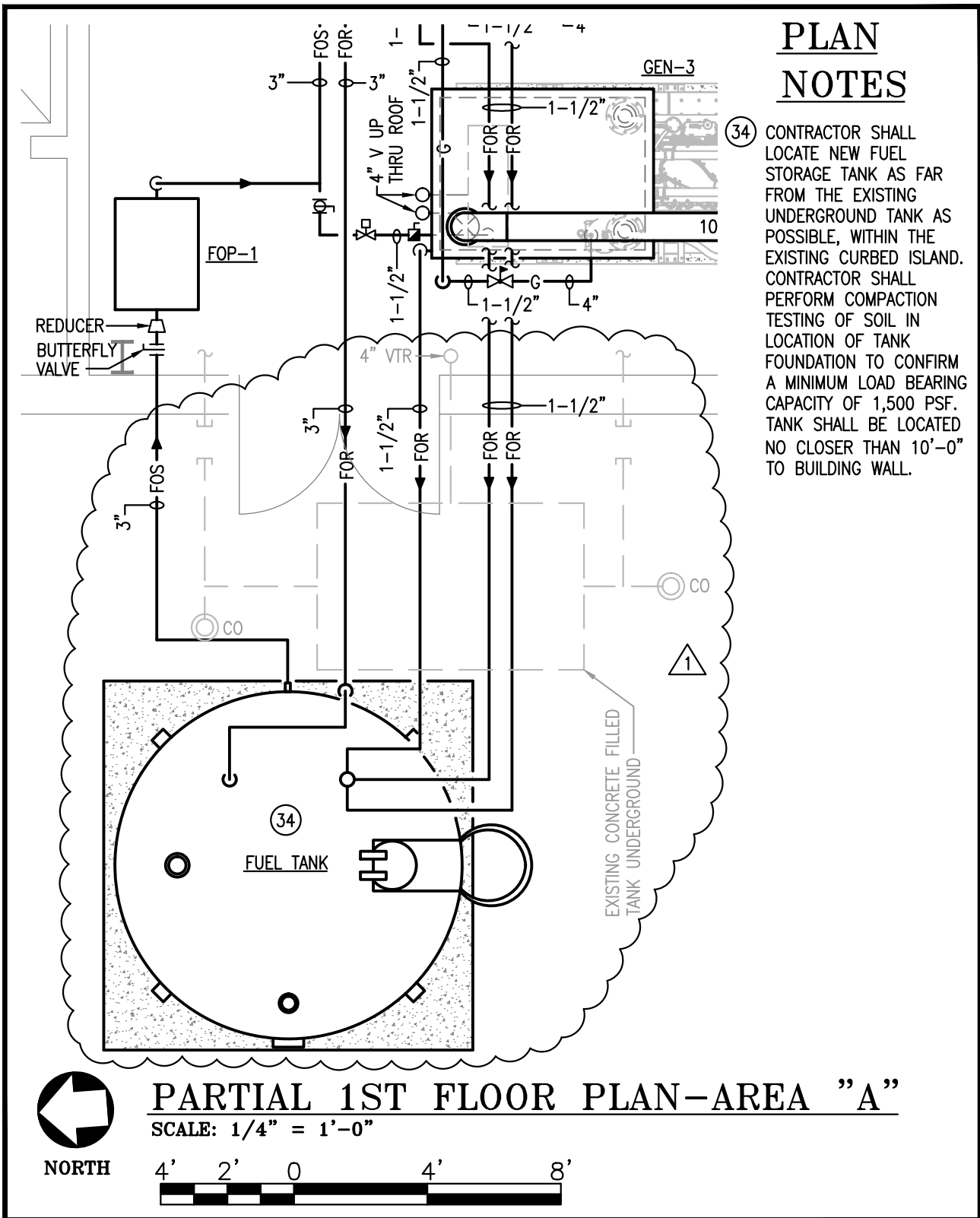
3.5 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain sectional doors.

END OF SECTION 083613

Sketch SK-1

Corresponds to RFQ Item: 36



PLAN NOTES

- 34 CONTRACTOR SHALL LOCATE NEW FUEL STORAGE TANK AS FAR FROM THE EXISTING UNDERGROUND TANK AS POSSIBLE, WITHIN THE EXISTING CURBED ISLAND. CONTRACTOR SHALL PERFORM COMPACTION TESTING OF SOIL IN LOCATION OF TANK FOUNDATION TO CONFIRM A MINIMUM LOAD BEARING CAPACITY OF 1,500 PSF. TANK SHALL BE LOCATED NO CLOSER THAN 10'-0" TO BUILDING WALL.



PARTIAL 1ST FLOOR PLAN-AREA "A"

SCALE: 1/4" = 1'-0"

NORTH



ZDS
 DESIGN/CONSULTING SERVICES
 91 SMILEY DRIVE
 ST. ALBANS, WV 25177
 PHONE: (304) 755-0075
 FAX: (304) 755-0078

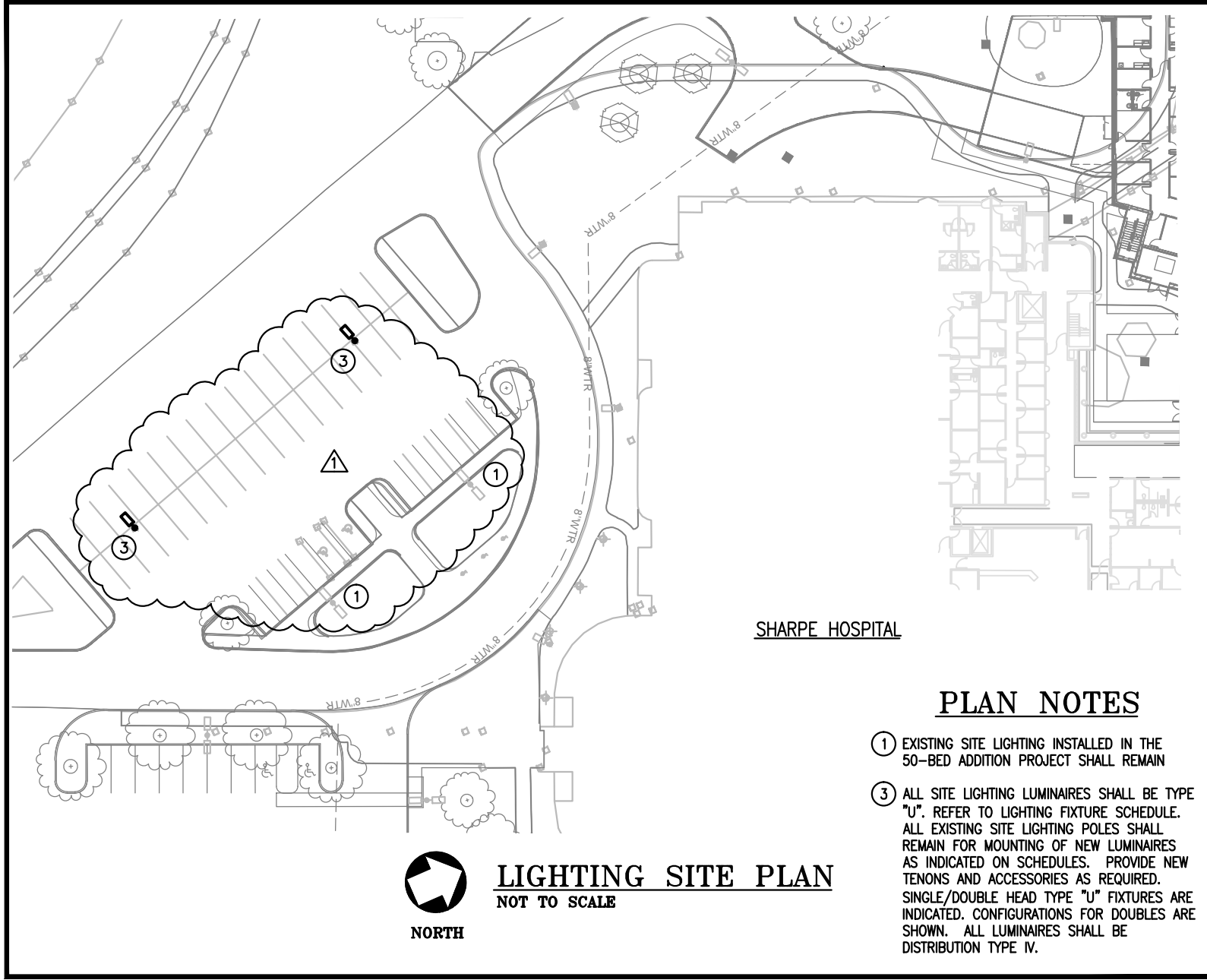
William R. Sharpe, Jr.
 Hospital
 ADDENDUM #2
 RFQ RESPONSE 36
 REFERENCE DRAWING M1.01
 REVISION #1

PROJECT #
 WSH114H
 DATE:
 06-14-13
 REVISION DATE:
 09-26-13

DRAWING #
 SK-1

Sketch SK-2

Corresponds to RFQ Item: 38



SHARPE HOSPITAL

PLAN NOTES

- ① EXISTING SITE LIGHTING INSTALLED IN THE 50-BED ADDITION PROJECT SHALL REMAIN
- ③ ALL SITE LIGHTING LUMINAIRES SHALL BE TYPE "U". REFER TO LIGHTING FIXTURE SCHEDULE. ALL EXISTING SITE LIGHTING POLES SHALL REMAIN FOR MOUNTING OF NEW LUMINAIRES AS INDICATED ON SCHEDULES. PROVIDE NEW TENONS AND ACCESSORIES AS REQUIRED. SINGLE/DOUBLE HEAD TYPE "U" FIXTURES ARE INDICATED. CONFIGURATIONS FOR DOUBLES ARE SHOWN. ALL LUMINAIRES SHALL BE DISTRIBUTION TYPE IV.

DRAWING #	SK-2
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PROJECT #	WSH114H
DATE:	06-14-13
REVISION DATE:	09-26-13

William R. Sharpe, Jr. Hospital ADDENDUM #2 RFQ RESPONSE 38 REFERENCE DRAWING ES1.01 REVISION #1
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ZDS DESIGN/CONSULTING SERVICES 91 SMILEY DRIVE ST. ALBANS, WV 26177 PHONE: (304) 765-0076 FAX: (304) 755-0076
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DHHR Contractor's Qualification Statement

Corresponds to RFQ Item: 42



CONTRACTOR'S QUALIFICATION STATEMENT

RFQ: WSH14046

CONTRACTOR'S QUALIFICATION STATEMENT

West Virginia Department of Health and Human Resources

The undersigned certified under oath that the information provided herein is true and sufficiently complete so as not to be misleading. This document should be submitted by the successful bidder within three (3) days after the bid award and must be submitted prior to the Notice to Proceed for this Contract.

**SUBMITTED TO: West Virginia Department of Health and Human Resources
One Davis Square
Suite 100, Room 116
Charleston, WV 25301**

SUBMITTED BY: Firm Name: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

Principal Office Location: _____

QUALIFICATION STATEMENT SUBMITTED FOR

(INSERT PROJECT NAME):



CONTRACTOR'S QUALIFICATION STATEMENT

TYPE OF WORK:

Site Preparation	_____	General Construction	_____
Roofing	_____	Plumbing	_____
HVAC	_____	Sprinkler	_____
Electrical	_____	Other	_____

(File separate form for each Classification of Work)

ORGANIZATION:

Please provide the following information concerning your organization:

TYPE OF ENTITY: Corporation_____ Individual_____

 Partnership_____ Other_____

NAME OF PRINCIPAL, OWNERS OR PARTNERS:

Name	Position	Years of Service with Organization
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Number of years this organization has been in business? _____

Have members of this organization operated under former names/businesses? If "yes," list name, type of entity and names of principal, owners or partners. Yes ___ No ___



CONTRACTOR'S QUALIFICATION STATEMENT

Provide a brief description of the general type of construction the firm performs.

Please indicate the work you intend to subcontract or perform for this project.

	Perform	Subcontract		Perform	Subcontract
Earthwork	_____	_____	Plumbing	_____	_____
Concrete	_____	_____	HVAC	_____	_____
Masonry	_____	_____	Electrical	_____	_____
Structural	_____	_____	Other_____	_____	_____
Roofing	_____	_____	Other_____	_____	_____
Sprinkler	_____	_____			

Please provide information regarding your company's participation in a drug program that meets the objectives, applicable laws and regulations for a drug free workplace including the use of tobacco and alcohol on school properties.

Please provide information regarding the experience and skill of the bidder's work force and that of the bidder's designated subcontractors. Attach additional information, if required. (Marked as Attachment __.)



CONTRACTOR'S QUALIFICATION STATEMENT

(i.e., health insurance and pension benefits)

Immigration Reform and Control Act (IRCA) Yes _____ No _____

INSURANCE AND BONDS:

Please list name of current insurance carrier and number of projects insured by carrier:

Insurance Carrier	Number of Projects
_____	_____

(Marked as Attachment __, if required)

Please list name of bonding company(s)/agent(s) utilized for projects constructed during the last five years:

Bonding Company	Bonding Company/Agent
_____	_____
_____	_____
_____	_____

CLAIMS AND SUITS: (Attach detailed explanation for all Yes answers)

Has your organization ever failed to complete any Construction work it has been awarded?

Yes _____ No _____ (If the answer is yes, please describe in full)

Within the last five years, has any officer or principal of your organization ever been an officer or principal of another organization when it failed to complete a construction contract?

Yes _____ No _____ ? (If the answer is yes, please describe in full)

Revised 9/11

Has there been in the last ten (10) years, or is there now pending or threatened, any litigation, arbitration, investigation, or governmental or regulatory proceeding involving claims in excess of



CONTRACTOR'S QUALIFICATION STATEMENT

\$100,000 or requesting a declaratory judgment or injunctive relief with respect to the construction or operation of any building which your firm, its principals, predecessors or affiliates constructed?

Yes ___ No ___ Is there any potential claim, demand, litigation, arbitration, investigation, governmental proceeding or regulatory proceeding involving your firm, or its principals, predecessors or affiliates?

Yes ___ No ___ If the answer to either of the preceding questions is "yes," please describe in full in an attachment.

In addition to the litigation, arbitration, investigation or governmental or regulatory proceeding referred to in the preceding paragraphs, is there any litigation, arbitration, investigation or governmental or regulatory proceeding now pending or threatened to which your firm is or may be a party, or are you aware of any potential claim or demand, which might otherwise affect the capacity of your firm to perform with respect to your involvement with the West Virginia Department of Health and Human Resources, whether or not it concerns other work which you have undertaken?

Yes ___ No ___ If so, please describe in full.

Is your company currently in default on any departments to the state or political subdivisions that in aggregate exceeds \$1,000? See WV Code 5A-3-10a.

At any time during the past five (5) years has your firm, or any of its owners or officers, been debarred or otherwise deemed ineligible to bid on or be awarded a public works contract or perform work as a subcontractor on a public works contract, under the laws of the federal government, state, county or municipal authority? Yes ___ No ___

At any time during the last five (5) years has your firm, or any of its owners or officers, been convicted of a crime relating to the awarding of a contract for a public works construction project, or the bidding or performance of a public works project?

Is there any person owing ten (10) percent or more of this company, or officer of the company, that is currently, or at the time of the bid, on the Worker's Compensation Employer Violator System? If yes, provide name of individual. Yes ___ No ___

BANKRUPTCY:

Has your firm, its principals, predecessors, or affiliates been the subject of any proceeding under the federal bankruptcy laws or any other proceeding under state or federal law in which a court or government agency has assumed jurisdiction over any of the assets or business of your firm, its principals, predecessors or affiliates? Yes ___ No ___



CONTRACTOR'S QUALIFICATION STATEMENT

If so, please identify the proceedings, the court or governmental body and the date such jurisdiction was assumed in an attachment. _____

FINANCIAL CONDITION:

*Financial Statements are required for every contractor and subcontractor working on a DHHR funded project. This confidential statement is kept on file in the DHHR office and is valid for one calendar year. Once expired, a new statement will be required as a condition of future bid awards. The Contractor Qualification Statement is considered incomplete unless this financial information is provided.

Please attach your organization's last two (2) years financial statements including your latest balance sheet and income statement showing the following:

Current Assets (e.g., cash, joint venture accounts, accounts receivable, accrued income, deposits, materials inventory and prepaid expenses);

Net Fixed Assets;

Other Assets;

Current Liabilities (e.g., accounts payable, notes payable, accrued expenses, provision for income taxes, advances, accrued salaries and accrued payroll taxes);

Other Liabilities (e.g., capital, capital stock, authorized and outstanding shares par values, earned surplus and retained earnings).

Name and address of firms attached financial statement and date thereof.



CONTRACTOR'S QUALIFICATION STATEMENT

CHANGE ORDER HISTORY:

Describe each instance within the last five (5) years where change orders applied for during construction amounted in the aggregate to more than five percent (5%) of the (Revised 6/09) contract price for any building which your firm constructed, or in which actual construction costs exceeded the contract price by more than five percent (5%). (Exclude owner requested change orders).

Marked as Attachment __, if required)

Change Order/Construction

Project	Cost Overrun Amounts
_____	_____
_____	_____
_____	_____

REFERENCES:

Please list below trade references:

Please list below bank references:

Please list below completed project owner references:



CONTRACTOR'S QUALIFICATION STATEMENT

SIGNATURE AND NOTARY:

Dated at _____ this ____ day of _____, 20__.

Name of Organization: _____

By: _____

Title: _____

State of _____, County of _____

Subscribed and sworn before me this ____ day of _____, 20__.

Notary Public: _____

My Commission Expires: _____

Notary Seal



DHHR – Contractors Qualification Statement

ARTICLE 6 – POST BID INFORMATION WSH13095

6.1 Contractor Qualification Statement.

6.1.1 A completed Contractor Qualification Statement will be required of any Contractor and/or subcontractor to be submitted to the Department of Health and Human Resources for review. This confidential information will be used by the DHHR for evaluation of the low bid contractors on the project. The contractor qualification statement will only be required once annually and updated documents will be required from low bid contractors once the current contractor qualification statement has expired. This document should be submitted by the successful bidder within three (3) days after the bid award and must be submitted prior to the Notice to Proceed for this Contract.

6.1.2 The confidential reviewed financial statement section of this document should be submitted by the successful bidder and sub-contractors within three (3) days after the bid award and must be submitted prior to the Notice to Proceed for this Contract. The latest available financial information must be used. Minimum requirements for financial statements are:

- a. Accountants compilation report;
- b. Balance sheet;
- c. Income statement;
- d. Statement of changes in retained earnings;
- e. Statement of cash flows; and
- f. Notes to the financial statement.

6.1.3 In addition to the financial statement, the successful bidder should submit a completed Affidavit of Debt Paid to the owner (DHHR) within three (3) days after the bid award and must be submitted prior to the Notice to Proceed for this Contract.

6.1.4 Construction contractors or subcontractors or equipment/material suppliers whose demonstrated pattern of poor and/or non-compliant work performance has been documented by the DHHR, project administrators and/or designers, or whose infractions of the State Prevailing Wage Rate codes has been documented by multiple citations from the West Virginia Department of Labor or whose contract has been terminated for just cause as described in the latest DHHR approved AIA Contract Document General Conditions, will be placed on probation and prohibited from bidding any additional projects funded by the DHHR for a minimum period of one year beginning at the time of probationary status. Such contractor may be removed from probationary status pending review of their continued work history performance by the DHHR at the conclusion of their probationary period.

CONTRACTOR'S QUALIFICATION STATEMENT

6.1.5 In order to provide opportunity for any contracting, subcontracting or equipment/material firm cited for poor or non-compliant work to appreciably improve the quality of their performance prior to being placed on probation, the DHHR staff will utilize the following procedure:

- a. The cited firm shall be noticed in writing of the DHHR's concern, with appropriate documentation to illustrate the poor or non-compliant work, and advise the firm as to the possibility of being placed on probation.

- b. Upon continued poor/non-compliant work performance, the firm cited shall appear before the Chief Operations Officer of the DHHR to present his reasons for failure to respond positively with improved performance after the initial notice.

- c. Continued failure to improve poor or non-compliant performance will result in the probation. The contractor will be invited to appear at the DHHR meeting to discuss the citations and justify his uninterrupted participation.

- d. Probationary status of a firm may be revoked or continued by the DHHR's Construction Committee upon review and deliberation of any DHHR staff recommendation at the conclusion of the probationary period.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: WSH14046

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.