



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

Request for Quotation

RFQ NUMBER
GSD106450

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
KRISTA FERRELL
304-558-2596

RFQ COPY
 TYPE NAME/ADDRESS HERE

DEPARTMENT OF ADMINISTRATION
 GENERAL SERVICES DIVISION
 BUILDING 3 - MOTOR VEHICLES
 1900 KANAWHA BOULEVARD, EAST
 CHARLESTON, WV
 25305 304-558-2317

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
01/07/2011				

BID OPENING DATE: **03/02/2011** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 2						
THIS ADDENDUM IS ISSUED TO:						
1.) PROVIDE ANSWERS TO ALL TECHNICAL QUESTIONS, REQUESTS FOR PRODUCT SUBSTITUTIONS, AND BID CLARIFICATIONS SUBMITTED PRIOR TO THE NOVEMBER 24, 2010 DEADLINE.						
2.) PROVIDE ADDITIONAL AND REVISED SPECIFICATIONS AND DRAWINGS PER THE ATTACHED DOCUMENTS DATED DECEMBER 8, 2010 ISSUED BY PERFIDO, WIESKOPF, WAGSTAFF, & GOETTEL,						
3.) EXTEND THE DEADLINE FOR TECHNICAL QUESTIONS, PRODUCT SUBSTITUTIONS, AND BID CLARIFICATIONS TO FEBRUARY 9, 2011. TECHNICAL QUESTIONS, PRODUCT SUBSTITUTIONS, AND BID CLARIFICATIONS MUST BE SUBMITTED IN ACCORDANCE WITH THE PROVISIONS OF THE ORIGINAL REQUEST FOR QUOTATION (GSD106450). ALL TECHNICAL QUESTIONS, PRODUCT SUBSTITUTIONS, AND BID CLARIFICATIONS RECEIVED WILL BE ANSWERED BY FORMAL ADDENDUM TO BE ISSUED BY THE PURCHASING DIVISION AFTER THE REVISED DEADLINE HAS LAPSED., AND						
4.) EXTEND THE BID OPENING DATE.						
BID OPENING DATE IS EXTENDED TO: 03/02/2011						
BID OPENING TIME REMAINS: 1:30 PM						
***** END ADDENDUM NO. 2 *****						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS.

SIGNATURE	TELEPHONE	DATE
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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)

1. Awards will be made in the best interest of the State of West Virginia.
 2. The State may accept or reject in part, or in whole, any bid.
 3. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
 4. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods this Purchase Order/Contract becomes void and of no effect after June 30.
 5. Payment may only be made after the delivery and acceptance of goods or services.
 6. Interest may be paid for late payment in accordance with the *West Virginia Code*.
 7. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
 8. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
 9. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
 10. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern the purchasing process.
 11. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
 12. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
 13. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, is available online at www.state.wv.us/admin/purchase/vrc/hipaa.htm and is hereby made part of the agreement. Provided that the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
 14. **CONFIDENTIALITY:** The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.
 15. **LICENSING:** Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, and the West Virginia Insurance Commission. The vendor must provide all necessary releases to obtain information to enable the director or spending unit to verify that the vendor is licensed and in good standing with the above entities.
 16. **ANTITRUST:** In submitting a bid to any agency for the State of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the State of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.
- I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, or person or entity submitting a bid for the same material, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division. Complete all sections of the quotation form.
2. Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Unit prices shall prevail in case of discrepancy. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
4. All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130
5. Communication during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited (W.Va. C.S.R. §148-1-6.6).

Addendum #2 Technical Questions and Answers

Two notes of clarification regarding Addendum #2:

1. Vendors should review Section 1.08.A of the Instructions to Bidders in the original project manual: "All references in the Project Manual and Drawings to brand or manufacturer specific items are included only to establish a level of quality level for materials, products or equipment provided to fulfill the Contract, and thus should be considered to be followed by the words, 'or equal'."
2. In the revised Section 012300, "Alternates," the reference to "Ludowici" (as manufacturer of the roof tile) should be considered to be followed by the words "or equal." It is the intent of the Owner to preserve as much of the historical integrity of the building as is possible; thus, the use of Ludowici (the original roof tile manufacturer) as the basis of design. Alternate #1 is presumed to be a deduct alternate to provide **stock** rather than **custom** greek batten covers (as in the Base Bid).

Responses to Questions:

Question # 1: Ductwork in Penthouse observed that is covered with asbestos containing material. The ductwork is not identified on the drawing. Should this ductwork be included in the scope of work and if so, are the quantities included in the list of quantities in the specifications?

Answer #1: The specifications state that the ductwork is listed "Throughout" and has a quantity of 33,540 square feet and that would include the attic area as well.

Question # 2: Article 2.2 Duct Insulation Section A
Specifications call for round low velocity ductwork to be lined. Could we wrap all concealed round duct and use double wall on exposed? if wrap is acceptable please specify materials.

Answer #2: Concealed, round, low velocity ductwork can be wrapped. Exposed, round, low velocity ductwork shall be double-wall with perforated interior wall. All interior, concealed, round supply air ductwork (low and medium velocity) shall be externally wrapped with 1-1/2" thick and 1-1/2 lb. density glass fiber insulation with a vapor barrier manufactured by Knauf or approved equivalent. Vapor barrier shall be taped and sealed as required to prevent condensation. In no case shall insulation be installed on the inside of the round ductwork.

Question # 3: Article 2.1 Low Velocity Ductwork
Can Ductwork be constructed and installed in accordance with the latest SMACNA manual?
Can low velocity concealed round ductwork be provided with snaplock pipe and fittings?

Answer #3: Yes, ductwork should be constructed to latest SMACNA manual. Snaplock pipe and fittings are **not** acceptable for concealed, round, low velocity ductwork.

Question # 4: In accordance with notes on drawings, all horizontal stair pressurization duct is to be in a 2 hour fire rated enclosure. Does this include the riser ducts in shaft? What type of materials are required and who is to install?

Answer #4: 2-hour enclosure to be provided and installed by GC. Enclosure will be shown and detailed on Architectural drawings. Final location to be coordinated with actual duct routing, size, etc.

Question # 5: Article 2.1 Sheet Metal Accessories section E – Fire Dampers
Do we furnish and install only the Fire dampers shown on the HVAC plans?

Answer #5: Yes. Revised drawings will be issued by Addendum indicating additional Fire Damper locations.

Question # 6: Article 2.2 Stair Pressurization Fans
Could Loren Cook be specified as an equal?

Answer #6: No. Cook is not an acceptable manufacturer. This substitution request technical question failed to include any technical specification documentation to indicate that the intended substitute meets the sound rating specifications of Division 233423, and therefore cannot be approved.

Question # 7: The Ingersoll Rand Control Panels specified in the Bid document for Building 3 project do not integrate with the existing GE Security/Facility Commander Access Control head end.

Answer #7: The specifications have been modified. The equipment should integrate with the Security/Facility Commander Access Control.

Question # 8: Can you forward a copy of the attendees of the pre-Bid meeting? When will the Addendum #1 be released? Will it be sent out digitally or hard copy? Am I allowed to contact Charleton Blueprint to obtain a list of planholders?

Answer #8: The list of Pre-Bid attendees was included in Addendum #1.

Question # 9: What is to replace the removed limestone and granite veneer at the North entry wall? Please provide a detail.

Answer #9: Refer to the attached drawing SK-12 for revised NORTH ENTRY PLAN DETAIL.

Question # 10: For accuracy of Unit Price No. 2, please provide an estimated pointing quantity.

Answer #10:

SHEET A-201- Revise notes:

- I. Bottom right-hand corner of drawing: "100% OF EXIST. GRANITE BASE TO BE CLEANED & REPOINTED, TYP @ ALL FOUR ELEVATIONS (INCLUDING EAST STEPS)".
- II. Vertical dimension note along right side of drawing: "100% OF EXISTING LIMESTONE & GREENSTONE TO BE CLEANED & 10% OF EXISTING LIMESTONE VENEER & GREENSTONE SPANDREL PANEL JOINTS TO BE SPOT POINTED, TYP @ ALL FOUR ELEVATIONS FROM TOP OF GRANITE BASE TO 7TH FLR ROOF (PROVIDE UNIT PRICE FOR ADDITIONAL SPOT POINTING IN SPECIFICATION SECTION 012200)".
- III. Upper right-hand corner of drawing: "100% EXIST BRICK & LIMESTONE VENEER TO BE CLEANED & REPOINTED, TYP @ ALL FOUR ELEVATIONS, FROM 7TH FLR ROOF TO TOP OF STONE ACROTERIA (INCLUDING OUTER AND INNER FACE OF BALUSTRADE)".

SPECIFICATION SECTION 012200 Unit Prices

- I. Replace paragraph 3.1.B.1, with the following:
 1. Description: Granite, limestone, greenstone and brick repointing according to Division 040120 Section "Maintenance of Unit Masonry and Stone Assemblies".
- II. Replace paragraph 3.1.B.3 with the following:
 3. Percentage of units to be replaced in the Base Bid:
 1. 100% of Building 3 granite base, including existing east granite steps.
 2. 10% of limestone and greenstone above granite base to 7th floor elevation.
 3. 100% of limestone balustrade (outer and inner side) from the 7th floor elevation and up to the stone coping, excluding the areas/quantities of parapet demolition and reconstruction outlined in Section 012200 "Unit Prices", paragraph 3.1.A.
 4. 100% of brick balustrade piers (inner face) from the 7th floor elevation and up to the stone coping, excluding the areas/quantities of parapet demolition and reconstruction outlined in Section 012200 "Unit Prices", paragraph 3.1.A.
 5. 100% limestone and brick above 7th floor roof to top of acroteria stones adjacent to the copper gutter, excluding the southwest area/corner of Bldg 3 per west elevation drawing 2/A-203.

Question # 11: Please provide details and sections for the corner parapet rebuilds at the upper roof, 8th floor.

Answer #11: See SK-13.

Question # 12: Please provide granite type and manufacturer for pavers, steps, wall and benches.

Answer #12: Refer to SPECIFICATION Section 321800, paragraph 2.2.

Question # 13: How much time shall be allocated per exterior elevation for inspection?

Answer #13: This is a General Contractor means and methods issue.

Question # 14: It appears that the existing limestone façade also contains a cloudy, whiteish coating in areas. Does the general cleaning of limestone described in Section 045100 remove this coating?

Answer #14: Based on field testing, the product specified for cleaning the limestone should work.

Question # 15: As included in the specifications, masonry testing Building 3 was performed by Noble Preservation Services with the assistance of C& D Waterproofing Corp. Are these samples in the photographs acceptable and a standard for the remaining façade cleaning?

Answer #15: Samples should be the standard except for copper stains which requires a chemical not tested, but specified.

Question # 16: We would like to request a one week extension both for the bid date and the date for asking questions.

Answer #16: This question related to the original December 9, 2010 bid date. The bid date has been extended to January 20, 2011.

Question # 17: The following sections are listed in the index, but were not included in the project manual we received:

- 20810, 20839, 20840
- 14200
- 15000 – page 1 missing
- 17700

Answer #17: This appears to have been a printing error by Charleston Blueprint.

Question # 18: State of West Virginia Supplemental Conditions, 11.3.1 states Builder's Risk insurance is by the contractor. Builder's risk coverage is not indicated as a requirement on the RFQ. Please advise if this coverage is to be provided by the contractor?

Answer #18: Provide Builder's Risk insurance.

Question # 19: 00100 Instructions to Bidders, states demountable partitions are not part of this contract, was 102238 included for reference only?

Answer #19: No. Refer to SK-06 for keynote '10.2' and attached note, "TYP @ ROOMS 104, 106, 111, 112, 113 & 114".

Question # 20: 11130, page 2 state the ACC is responsible for "any additional asbestos containing material discovered". Please verify that any additional material beyond the quantities provided by the owner will be handled as additional work (change order).

Answer #20: In response to the question #4, I would believe that any quantity greater than specified would and as per the specifications >10% of the identified quantities would constitute a change order utilizing the bid unit rates.

Question # 21: Please clarify who pays consumption charges for temporary construction power and water used during construction.

Answer #21: The Owner will continue to pay for reasonable use of utilities in Building 3. This includes electricity, water and sewer fees, and reasonable use of heat.

Question # 22: Substitution request for Firestone Siplast 20/30 CR FR cold applied.

Answer #22: Yes. Firestone is an acceptable manufacturer provided they meet the spec. and design intent.

Question # 23: Do all ceiling return air grilles require insulated boots?

Answer #23: No.

Question # 24: Are duct access doors required at all volume dampers?

Answer #24: No. Volume damper operators shall extend to exterior of duct. Provide wall/ceiling access doors where dampers are located behind/above hard finishes.

Question # 25: Supply bar grilles in window sills on first floor: do they have special coating to match marble sill?

Answer #25: All horizontal diffusers and vertical grilles at DMV Prefunction 122 should be Natural Satin Bronze finish.

Question # 26: The page listing references on the proposal form, do you only want this page filled out and inserted or can an AIA-305 Contractors Qualification statement be sent?

Answer #26: At this time only the list of references as part of the proposal form will be needed. If additional qualifying information is needed from the apparent low bidder, this will be requested separately after the Bid.

Question # 27: Cook is not in the specifications for the Stairwell Pressurization Fans, Power Roof Ventilators or the Gravity Vents. The Power Roof Ventilators and Gravity Vents indicate "or equal" - but the Stairwell Pressurization Fans do not.

Please review and advise if Cook is an acceptable manufacturer.

Answer #27: This question is interpreted as a request to substitute Cook as an acceptable manufacturer for Stairwell Pressurization Fans, although vendors are encouraged to review Section 1.08 of the Instruction to Bidders regarding how to read the "or equal" language into any section of the specifications or drawings.

Cook is **not** an acceptable manufacturer. Prior experience of both the Owner and the Owner's engineering consultant with Cook fans is that they are too noisy. As all of the fans will be installed in the upper floors of the building, and these upper floors will be occupied by the offices of the State Treasurer and the State Auditor, the noise is a concern. This substitution request technical question failed to include any technical specification documentation to indicate that the intended substitute meets the sound rating specifications of Division 233423, and therefore cannot be approved.

Question # 28: Substitution request for EST (Edwards system Technology) fire alarm equipment as an approved equal.

Answer #28: The specifications have been revised using EST (Edwards System Technology), or approved equal, as the basis of design for the fire alarm system in the building. This system will include equipment to interface to the existing campus fire alarm network and be monitored and controlled at a central location.

Question # 29: Section 237315 – Heat Recovery Units – Is Addison and Annex-Air an acceptable manufacturer for the Heat Recovery Units?

Answer #29: Yes. Addison and Annex-Air are acceptable manufacturers provided they meet the spec. and design intent.

Question # 30: Section 238120 – Computer Room Units – Is Canatal an acceptable manufacturer for the Computer Room A/C Units?

Answer #30: Yes. Canatal is an acceptable manufacturer provided they meet the spec. and design intent.

Question # 31: Fan Coil Units – No specification section listed – Want to Substitute Williams Fan Coil

Answer #31: Yes. Williams is an acceptable manufacturer provided they meet the spec. and design intent.

Question # 32: Substitution request for GE Security, M5, M2000 and M3000 PXNplus series as appropriate.

Answer #32: Please see response to Question #7. The specifications have been modified.

Question # 33: Substitution request for multiple manufacturers including:

230900 1.2 – A I Instrumentation and Controls – HVAC TAC /Andover
Response: The Owner has requested that the new ATC system for Building #3 be an extension of the existing campus Trane Tracer system. Therefore, specifications section 230900 has been revised in Addendum#2 to change the basis of design from Johnson Controls to Trane Tracer (or equal). The phrase "No Exceptions" appearing in 230900-8, 2.2.E is meant to suggest that the Owner REQUIRES integration of Bldg#3's new HVAC Controls into the existing campus-wide Trane Tracer system. The documentation provided with this substitution request does not indicate that TAC/Andover controls can be integrated into the Owner's existing Trane Tracer system. If this is incorrect and they can be, and they meet all other revised specifications requirements for the HVAC Controls systems, then they can be bid. Bidders wishing to substitute another system prior to bidding may request it by the filing of an additional technical question substitution request (providing enough documentation to show that the substitute controls system meets all of the new requirements, including the ability to integrate into the campus-wide Trane Tracer system).

233300 2.1 – B Backdraft Dampers Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233300 2.1 – C Volume Control Dampers Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233300 2.1 – D Access Doors Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233300 2.1 – E Fire Dampers Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233300 2.1 – F Motor Operated Dampers Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233300 2.1 – D Access Doors Greenheck
Response: Yes. Greenheck is an acceptable manufacturer provided they meet the spec. and design intent.

233600 2.1 – J Variable Air Volume Boxes Price

Response: Yes. Price is an acceptable manufacturer provided they meet the spec. and design intent.

233713 2.1 – E Exhaust, Relief, Transfer & Return Grilles Price

Response: Yes. Price is an acceptable manufacturer provided they meet the spec. and design intent.

233713 2.2 – A Supply Air Registers Price

Response: Yes. Price is an acceptable manufacturer provided they meet the spec. and design intent.

233713 2.3 – C Rectangular & Square Diffusers Price

Response: Yes. Price is an acceptable manufacturer provided they meet the spec. and design intent.

233713 2.4 – C Round Diffusers Price

Response: Yes. Price is an acceptable manufacturer provided they meet the spec. and design intent.

235100 2.1 – A Breeching Metal –Fab

Response: Yes. Metal-Fab is an acceptable manufacturer provided they meet the spec. and design intent.

238239 2.5 – J Terminal Heating / Cooling Units Williams

Response: Yes. Williams is an acceptable manufacturer provided they meet the spec. and design intent.

Answer #33: See responses above.

Question # 34: Request to substitute Williams Fan Coil units.

Answer #34: Yes. Williams is an acceptable manufacturer provided they meet the spec. and design intent.

Question # 35: Is there a work phasing schedule that shows areas of work or duration?

Answer #35: No.

Question # 36: Can an additional site visit be arranged now that we have reviewed the drawings in more detail.

Answer #36: Yes, the building is open to visitors during normal business hours. Please contact Roger Wines for access to restricted mechanical spaces.

Question # 37: Substitution request for Titus products in the following areas:

233600 paragraph 2.6 E Variable Volume Boxes

Response: Yes. Titus is an acceptable manufacturer provided they meet the spec. and design intent.

233713 paragraph 2.1 E, F Exhaust, Relief, Transfer & Return Air Grilles and Registers

Response: Yes. Titus is an acceptable manufacturer provided they meet the spec. and design intent.

233713 paragraph 2.2 A Supply Air Registers

Response: Yes. Titus is an acceptable manufacturer provided they meet the spec. and design intent.

233713 paragraph 2.3 A Rectangular and Square Diffusers

Response: Yes. Titus is an acceptable manufacturer provided they meet the spec. and design intent.

233713 paragraph 2.4 C Round Diffusers

Response: Yes. Titus is an acceptable manufacturer provided they meet the spec. and design intent.

Answer #37: See responses above.

Question # 38: Drawings A107, A201, and A505 direct the contractor to repoint the backside parapet brick piers. (Masonry Cleaning and Pointing Specification 045200-13 3.14 Brick Repairs A). Work includes, but is not limited to, demolition and reconstruction on half of the piers and balustrade pickets and all four corners in his area. What is to be completed at these piers?

Answer #38: 100% repointing of brick balustrade piers (inner face) from the 7th floor elevation and up to the stone coping, excluding the areas/quantities of parapet demolition and reconstruction outlined in Section 012200 "Unit Prices", paragraph 3.1.A.

Question # 39: Sheet L-002 Concrete retaining wall called for west of loading pavilion "see civil drawings". Wall shown as concrete curb on sheet C-004. Which drawing prevails? If retaining wall is required, please provide details.

Answer #39: The concrete retaining wall details have been modified in the attached Addendum..

Question # 40: Sheet L-002 30" bollards shown with note "see civil drawings". 30" do not show up on the civil drawings. Please clarify.

Answer #40: See Sheet C-007 of the attached Addendum.

Question # 41: Sheet C-001 – shows temporary construction fence at the limits of construction. Sheet AS-001 shows the fence at a different location. Please clarify.

Answer #41: This has been modified by addenda on the attached drawings.

Question # 42: Sheet S-101 – Granite wall at north entrance ramps. CMU walls under granite shown open ended, is this correct?

Answer #42: No, CMU walls should be added to close the open wall ends at the north entry ramps. This is modified in the Addendum.

Question # 43: Sheet A-101 – Exterior North face of building where metal grating is over areaway below (2 places). What type of construction is supporting granite cap on north side of granite wall assembly?

Answer #43: Refer to detail 15/A-503.

Question # 44: Sheet L502 – Sections show WWF and rebar as epoxy coated. Civil drawings and specifications do not call for epoxy coated resteel. Is resteel only to be epoxy coated at locations shown on the Landscape drawings or is all resteel to be epoxy coated?

Answer #44: Exterior concrete walks, pavements and walls to use epoxy coated rebar and epoxy coated wire fabric. The Cast-in-place Concrete Civil specification should be followed in all other aspects.

Question # 45: Sheet A-101 – West Entrances. What type/size of foundation and supporting construction @ granite plinths?

Answer #45: Refer to SK-14 for revised partial drawing of 1/A-303.

Question # 46: Sheet L-502 – North and South Entrances. Plan calls for "Bench, TYP". Is there a bench specified, if so where?

Answer #46: Specifications based on six foot teak Monarch style bench by Country Casual or equal.

Question # 47: Sheet A-101 – Door 121 appears to be single door with sidelight. Door schedule shows a 6/0x7/0 door opening. Please clarify 3/0x7/0 door opening with sidelight?

Answer #47: Sheet A-101 is correct – Door 121 is a 3/0 x 7/0 door opening with sidelite. Schedule and types updated per Addendum No.2.

Question # 48: Sheet 101- Room 114. What is the object built into the wall on the north side of the east wall of the room? Circled for detail 17/A-502 but does not show up.

Answer #48: Item is an AV rack cabinet and is deleted from this bid package. AV rack cabinets will be free-standing in rooms 113 (as shown on A-101) and 114 (as shown in SK-7).

Question # 49: Spec Section 230900-7 E.1 Can Trane (Tracer Summit) be added as an acceptable Building Management System vendor?

Answer #49: Specifications section 230900 has been revised, using Trane Tracer as the new basis of design for the project. Thus, this substitution request has been approved.

Question # 50: The drawings do not appear to show any pressure reducing valves. Pressures produced by pump exceed listings for the Pre-Action system components. Please advise.

Answer #50: The drawings will be revised in the Addendum to indicate the locations of the pressure reducing valves. The valves were inadvertently omitted from the drawings. Specification Section 221420 discusses the pressure reducing valves.

Question # 51: The drawings don't show pressure regulating fire hose valves on the standpipe risers. These are required by NFPA 14 where static pressures exceed 175 psi. Please advise.

Answer #51: The drawings were revised in the Addendum to indicate the locations of the pressure regulating fire hose valves. The valves were inadvertently omitted from the drawings.

Question # 52: Can the fire pump test header be located at the west end of the building? If not please show that the test header piping must be upsized due to length to run to test header?

Answer #52: Drawings F-100 and F-101 will be revised in the addendum to indicate the fire pump test header on the west side of the building. It was originally located on the east side for aesthetic purposes.

Question # 53: Will two FDC's be required? Can the existing FDC locations be used? This would save on cutting additional holes in the exterior of the building.

Answer #53: Two FDC's will be required per NFPA 14. Drawings F-100 and F-101 are revised in the Addendum to indicate the locations of the two FDC's. They will be reusing the locations of the existing FDC's that are to be removed.

Question # 54: Since the building is being classified as a high rise is a second water supply needed?

Answer #54: No, a second water supply is not required for this building. Contract Drawing S-001 states that we are under the 2003 IBC and also that we are Seismic Design Category B. The 2003 IBC, Section 903.3.5.2 states: "A secondary on-site water supply equal to the hydraulically calculated sprinkler demand, including the hose stream requirement, shall be provided for high-rise buildings in Seismic Design Category C, D, E or F as determined by this Code." This section also states that Existing Buildings are an exception to this requirement.

Question # 55: Is an Automatic transfer switch required for the fire pump? The fire pump serving buildings 5, 6 & 7 is not equipped with one since the building has two power feeds.

Answer #55: Building 3 also has two power feeds from the utility. An automatic transfer switch is being provided.

Question # 56: Substitution request for Armstrong Air separator, expansion tank, shell & tube heat exchanger.

Answer #56: Armstrong is an acceptable manufacturer provided they meet the specification and design intent.

Question # 57: Substitution request for SHIPCO duplex condensate pump.

Answer #57: Shipco is an acceptable manufacturer provided they meet the specification and design intent.

Question # 58: Access Floor Elevation: Drawing A-100 lists two elevations for the access floor = 88'-0" and 87'-6". Which is correct?

Answer #58: 87'-6" is the correct access floor height.

Question # 59: Access Floor panel finish: Specification 096900, paragraph 2.2 specifies a high pressure laminated surface for the access floor panels and Drawing A-602 specifies VCT. What finish is to be used for this proposal?

Answer #59: The access floor panel finish outlined in the specification is correct. Sheet A-602: Rooms B108 through B119 (12 rooms), Revise Floor Material from "VCT" to "BY RAISED FLOOR MANUFACTURER"

Question # 60: Due to the small amount of structural steel required for this job, is it possible to waive the AISC fabricator certification requirements?

Answer #60: See response to Question 88. "The requirement for certification as stated is confirmed and recommended by the structural engineer. This requirement is typically established by the engineer regardless of the project size because they have witnessed fabrication errors, unacceptable finishes, and construction difficulties on several past projects that were directly attributable to the lack of certification of the fabricator and/or erector."

Question # 61: Substitution request for Metraflex Strainers. On the flanged variety they can supply a 0.125 perf screen.

Answer #61: Metraflex is an acceptable manufacturer provided they meet the specification and design intent.

Question # 62: Substitution request for Armstrong Vortex air separator, Shell and Tube, and Expansion tanks.

Answer #62: See response to Question 56.

Question # 63: Many state and local government agencies either require the general contractor to list their major subcontractors with their bid submission or in some cases allow for two hours after the bids are received. Is the ten day after Award of Contract correct? In an effort to prevent 'shopping' of prices after the bid, please reconsider and utilize one of the aforementioned methods.

Answer #63:

Question # 64: Are the general contractors, and ALL of their subcontractors, bound by prevailing wage rates as of the day of the bid, or are they required to adjust all such labor rate as they are adjusted throughout the term of the contract?

Answer #64: Prevailing wage rates apply as of the day of the bid.

Question # 65: Will the new labor rates, many of which just went into effect December 1, 2010 be observed/monitored during the project?

Answer #65: Again, the wage rates in effect on the date of the bid will remain in effect through the life of the project.

Question # 66: Are the costs associated with Testing and Balancing systems (230594) covered under the Testing and Inspections allowance?

Answer #66: No, these costs shall be part of the bid price.

Question # 67: Blower coil detail on M-504 states condensate drain piping is to be by the plumbing contractor. However, the piping is shown on the HVAC drawings and specified under 238239- 2.5.H to be installed under the HVAC contract. Please clarify?

Answer #67: All condensate piping is to be by the HVAC Contractor. Detail has been modified and will be issued in Addendum.

Question # 68: Drawing M-209 should the four items tagged as HRU-3 thru 6 be tagged as HUH-3 thru HUH-6?

Answer #68: Yes, Drawing M-209 has been revised.

Question # 69: Drawing M-209 6" chilled water supply and return lines are shown to AHU-5. However the pipe runout size on M-702 indicates 4" – Please clarify?

Answer #69: : 4" is acceptable. Drawing M-209 was revised.

Question # 70: Drawing M-209 1-1/2" chilled water supply and return lines are shown to HRU-2. However, the pipe runout size on M-702 indicates 2" – Please clarify.

Answer #70: 1-1/2" is acceptable. Drawing M-701 was revised.

Question # 71: Drawing M-301 2-1/2" chilled water supply and return lines are shown to AHU-1 & AHU-2. However, the pipe runout size on M702 indicates 2" – Please clarify.

Answer #71: 2" is acceptable. Drawing M-301 was revised.

Question # 72: Drawing M-302 4" chilled water supply and return lines are shown to AHU-3 & AHU-4. However, the pipe runout size on M702 indicates 3" – Please clarify.

Answer #72: 3" is acceptable. Drawing M-302 was revised.

Question # 73: Drawing M-302 2" heating water supply and return lines are shown to AHU-3. However, the pipe runout size on M702 indicates 2-1/2" – Please clarify.

Answer #73: 2-1/2" is acceptable. Drawing M-302 was revised.

Question # 74: : Drawing M-302 3" heating water supply and return lines are shown to AHU-4. However, the pipe runout size on M702 indicates 2-1/2" – Please clarify.

Answer #74: 2-1/2" is acceptable. Drawing M-302 was revised.

Question # 75: Schedule on M-704 and floor plan on M-106 indicates CRAC-4 & CRAC-5 in Room 606. However these units (nor chilled water piping) are shown on M206. Please clarify.

Answer #75: CRAC-4 & CRAC-5 added to Server Room 606 on M-206. Associated chilled water supply and return piping revisions made and will be issued by Addendum.

Question # 76: Please provide a detail as to how the chilled water piping is to be piped to the Computer Room A/C units (CRAC's).

Answer #76: Piping to be installed per manufacturer's recommendation.

Question # 77: 230523 – 2.1H states ball valves shall be installed on ALL water service lines 2" and smaller. However, no such valves are shown on the floor plans. Are valves required at each branch? Sub-branch? Where terminal boxes, fan coil units, etc. are located immediately adjacent to the mains, are branch valves required prior to the "coil" piping connection?

Answer #77: Valves on branch lines shown on revised drawings to be issued as part of Addendum.

Question # 78: 221316 -2.2A and 221413 - 2.2.A states sanitary waste/vent and storm piping not in return air plenum spaces can be Schedule 40 PVC. However I believe a statement was made at the Pre-bid that no PVC would be allowed. Please Clarify.

Answer #78: Entire building has plenum return, so no PVC piping will be acceptable.

Question # 79: 232113 -2.6.A states condensate drain piping not in return air plenum spaces can be Schedule 40 PVC. Again, please clarify.

Answer #79: Entire building has plenum return, so no PVC piping will be acceptable.

Question # 80: HVAC drawings indicate eccentric reducers on piping 2" and down. Should the contractor elect to install copper, it is our understanding copper eccentric reducers have been discontinued. Please clarify.

Answer #80: Concentric reducers are acceptable.

Question # 81: 230510 – 3.2.D states we are to contact State Chemical Company for information on chemicals and cleaning procedures. First does the Owner already have a chemical company under contract that maintains their campus-wide system? If so, are we to get pricing from them or will this be covered under a separate contract/purchase order with the owner's current chemical treatment contractor? Who is the owner's current chemical treatment contractor? Please provide "cleaning chemicals and procedures" so we may obtain pricing for comparable services from other vendors.

Answer #81: The State currently has a service contract with Artisian Chemicals. Coordinate chemicals and cleaning required for system start-up and initial operation with the State's current supplier to insure a smooth transition to operation.

Question # 82: Please confirm no glycol is required for any piping systems.

Answer #82: No glycol is required for any of the HVAC piping systems.

Question # 83: American Geotech Report (Volume I of specifications) states "a soil Site Class D" is recommended for the seismic design considerations. However, drawing S001 lists the Seismic Design Category as B. Are seismic restraints required for this project? Please clarify.

Answer #83: The "Soil Site Class" for seismic design is Site Class D as stated in the geotechnical report. The Site Class defined in the report is used to determine the "Seismic Design Category" for the structure; in this case, "Category B". The seismic design parameters on Drawing S-001 are therefore correct as stated.

Question # 84: No pipe guides, anchors, or expansion joints are shown. Are any required? If so, where?

Answer #84: Pipe guides, anchors or expansion joints are not required.

Question # 85: There are many passages in the project specifications referring to Pennsylvania State laws, regulatory agencies, etc. Please clarify West Virginia State laws and regulatory agencies will govern.

Answer #85: West Virginia State laws, regulations and regulatory agencies will govern the project.

Question # 86: Provide details and specs for the 30 inch concrete bollards labeled on the landscape drawings.

Answer #86: See Sheet C-007 of the attached Addendum for bollard details.

Question # 87: Please confirm that we are to include cleaning and spot pointing of the entire exterior as specified in Section 45200. The elevations provided have no general notes indicating this work.

Answer #87: Refer to items D-A14 & D-A15 in Addendum No. 2.

Question # 88: Please confirm ASIC certification is required for both the structural steel fabricator and erector, considering this is a renovation project with a small addition, this limits local subcontractor coverage.

Answer #88: The requirement for certification as stated is confirmed and recommended by the structural engineer. This requirement is typically established by the engineer regardless of the project size because they have witnessed fabrication errors, unacceptable finishes, and construction difficulties on several past projects that were directly attributable to the lack of certification of the fabricator and/or erector.

Question # 89: Provide details of bronze register grilles at first floor window sills for pricing: dimensions and any pattern/design requirements.

Answer #89: All horizontal diffusers and vertical grilles at DMV Prefunction 122 should be Natural Satin Bronze finish.

Question # 90: Drawing M-209 HWS/HWR risers (coded Note #1) appears to reduce down to 3" and then increase back to 4", along with a 3" branch line that ties into the 4" lines coming from the other side of the mechanical room. Please review and clarify.

Answer #90: This is correct. The hot water piping from the summer boiler only requires a 3" line down to serve the VAV reheats in the Basement. During winter operation, the hot water equipment in the mechanical loft requires a 4" line up from the Basement.

Question # 91: Description: Conduct exploratory demolition of 7th floor parapet at 4 typical conditions, as shown on A-201." The table following the mentioned section describes the number of units that have to be replaced on the base bid.

- 1) Is our understanding that the condition 1A.-Masonry piers (@ column locations) is to be replaced in 14 locations and the unit price will reflect the cost of one additional. Please confirm.
- 2) Does the column in the same mentioned spec "no of units to be replaced in the base bid" refer to the number of areas in which the demolition/reconstruction will take place along the balustrade? Please confirm.
- 3) Is the General Services Division's intent to have the balustrades demo'd/reconstructed in the base bid, then have four locations to inspect and if the inspection is satisfactory have a deduct to the scope meaning not demoing/replacing the balustrade? Please confirm.

Answer #91: The answer to 1) and 2) is yes. For item 3) the intent is to have the number of locations demo'ed and reconstructed to correspond with the need for balustrade replacement based on the conditions found.

Question #92: How long may the bids be held?

Answer #92: It is the State's intention on this project to finalize the contract and start construction as quickly as possible.

Question # 93: Specifications, Instructions to Bidders, page 6, Article 1.12, Qualification Statement, is this to be turned in with the Bid?

Answer #93: Bidders shall complete and submit the reference's page found on the last page of the Proposal Form. The qualification requirements found in Paragraph 1.12 will initially be determined from these submitted references. Choose your references carefully, if the contractor's qualifications cannot be determined from the submitted references, the Owner may, at the Owner's option, either request additional information or disqualify the bid.

Question #94: Drawings – L-001 - At the northwest corner of the Building there is a note "Concrete retaining wall, See Civil Drawings". I can't find anything on the Civil drawings referencing this. Please provide the following: Details (Thickness, reinforcing, elevation with finish, etc.), Top of Wall, Bottom of wall.

Answer #94: The concrete retaining walls have been modified in the attached addendum.

Question #95: Drawing L-002 – At the Southeast corner of het building a section of the sidewalk is labeled "Temporary Walk". Is this correct?

Answer #95: This note has been removed on the reissued drawings. However note that the angled section of sidewalk near the existing stage may be removed as part of later projects on the campus.

Question #96: There are some items of site concrete shown on the Civil drawings and not shown on the Landscaping, and some items shown on the Landscaping that are not shown on the Civil. Could we get a drawing showing all the site concrete with referenced details on one sheet?

Answer #96: Please refer to the drawings reissued with this addendum.

Question #97: Spec 011000, 1.5.B.1 states we are to install the "Systems Furniture". Is this correct? If so can we please get furniture counts and floor plans? And Spec 011000, 1.5.B.5 states we are to install the "Miscellaneous Furniture, unless otherwise indicated". How can we quantify this.

Answer #97: The systems furniture will be under separate contract and will be installed by the furniture supplier. The General Contractor will be responsible for installing only demountable partitions and furniture included under his contract.