



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
GSD096453

PAGE
1

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

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

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

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
10/28/2010				

BID OPENING DATE: 11/03/2010 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
ADDENDUM NO. 3						
THIS ADDENDUM IS ISSUED TO PROVIDE ANSWERS TO ALL TECHNICAL QUESTIONS, CLARIFICATIONS, AND PRODUCT SUBSTITUTIONS SUBMITTED IN ACCORDANCE WITH THE PROVISIONS OF THE ORIGINAL RFQ (GSD09453)						
BID OPENING DATE REMAINS: 11/03/2010						
BID OPENING TIME REMAINS: 1:30 PM						
***** END ADDENDUM NO. 3 *****						
001	1	LS		968-42		
HOUSE/SENATE HVAC REPLACEMENT PROJECT						
***** THIS IS THE END OF RFQ GSD096453 ***** TOTAL:						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS						
SIGNATURE			TELEPHONE		DATE	
TITLE		FEIN		ADDRESS CHANGES TO BE NOTED ABOVE		

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).

GSD096453 House/Senate HVAC Renovations

Addendum #3

ADDENDUM ITEMS

Regarding Specifications Section #15725, “Modular, Indoor Air-handling Units”:

1. Reference specification section #15725, subsection 2.3.C: The third sentence in the section should be amended to read: “Provide access panels and doors in the following locations on one side of the unit only: Doors to be provided with wire glass 8” x 8” inspection window”. The following six (6) items remain unchanged.
2. Reference specification section #15725, subsection 2.3.D: Add item #5 to read: “Condensate drains are required for both sides of unit, but are to drain to one side since unit is to be installed against a wall.”
3. Reference specification section #15725, subsection 2.4: Either direct-driven or belt-driven fans are acceptable.
4. Reference specification section #15725, subsection 2.6.B.5: Provide copper headers.
5. Reference specification section #15725, subsections 2.7.C and 2.7.D: Provide aluminum damper blades.
6. Reference specification section #15725, subsection 3.2: A subsection “D.” should be added to read: “Air handlers are to be assembled in place. The largest section of each air handler shall fit through the roof opening for the unit’s fresh air intake and also through the opening in the intermediate floor above its final installation location. Existing ductwork in the path between the roof opening and intermediate floor opening shall be removed and reinstalled to allow passage of air handler sections from one to the other.”

Regarding Specifications Section #15845, “Air Terminals”:

Delete Paragraph 2.2.H. Add the following paragraph for electric reheat coil requirements:

VAV BOX ELECTRIC DUCT COIL

A. Materials and Equipment:

1. General: Except as otherwise indicated, provide electric heating coil integral with VAV Box, manufactured of standard materials and components as indicated by published product information and designed and constructed as recommended by manufacturer, and as necessary to complete installation.

B. Casing:

1. Provide coil integral with VAV box and flanged outlet for ductwork connections.

C. Elements:

1. Element assemblies shall consist of corrosion resistant steel sheathed elements mechanically bonded to common corrosion resistant steel fins. Each sheathed element shall consist of helically coiled nickel chromium alloy resistance wire completely embedded in and surrounded by magnesium oxide, enclosed and swagged into corrosion resistant steel sheaths. Elements shall have 2" cold conductor pins extending into the sheath and shall have a density of no more than 60 watts per inch.

D. Controls:

1. All heater controls shall be factory mounted and wired.
2. Controller shall be SCR controller supplied with field installed 4-20 ma BAS interfaces for temperature control.
3. Safeties shall include air flow interlock switch and high temperature controls with manual reset and alarms to be sent to BAS.

E. Terminal Box:

1. Terminal box to be unit mounted, factory wired and installed for one power point connection.
2. Terminal box shall include fused disconnect switch.
3. Provide with SCR Controller and required accessories for factory wired assembly.
4. Terminal box shall include control transformer with fused primary protection.

Reference Specification #16721, Subsection #2.1.A.1:

Remove "Johnson Controls" from the list of approved manufacturers and replace with "EST; a unit of GE Security."

Regarding Drawing M2.13:

1. Reference Drawing M2.13: See AHU Detail. The unit is to include a hinged, 100% modulating bypass air damper in the section between the heat wheel and the Face and Bypass IFB Coil. The hinged feature will provide access to the Face and Bypass IFB Coil and the other end of the heat wheel.
2. Reference Drawing M2.13: See AHU Detail. Any control panels, VFD's, or other electrical items or piping located on the side of the unit must be coordinated so as to not be adjacent to existing structural columns which would prevent proper access to these electrical and hydronic items.

3. Reference Drawing M2.13: See AHU Detail. The unit configuration shown is for AHU #1 which is in Alternate #3. Compared to this configuration as it is shown in plan on Drawing M1.31:
- a. AHU #2 is in the Base Bid and the unit's configuration should be rotated 180 degrees and flipped side-to-side.
 - b. AHU #3 is in Alternate #2 and the unit's configuration should be flipped side-to-side.
 - c. AHU #4 is in Alternate #1 and the unit's configuration should be rotated 180 degrees.

Note: See drawings M1.31 and M1.32 for specific unit layouts on the corresponding Mechanical Platform Plans.

Reference Drawing A602, Section A1: Replace the emergency egress ladder specified with the following:

Red-Rung Egress Ladder by Fire Escape Systems, 15-foot ladder, provide necessary angle framing and supports to secure egress ladder box in an accessible and operable condition, coordinate with steel walkway grating egress hatch and ceiling egress hatch size and locations.

GENERAL WARRANTY STATEMENT: A warranty shall be provided to cover all new equipment for a period of two years from the date of substantial completion for installation of that specific piece of equipment in the corresponding phase (base bid or alternate) of construction.

TECHNICAL QUESTIONS & ANSWERS:

Question #1: Where will contractor staging be located?

Answer #1: The staging location(s) will be coordinated with the contractor prior to the start of construction. Expect limited staging along California Avenue near the ramp leading to the east basement dock. Additional temporary staging may be provided within the north circle courtyard for crane setup and lifting equipment to the roof.

Question #2: Where will contractor parking be located? How many spaces will be allotted?

Answer #2: On-site parking is limited and temporary parking will only be permitted for vehicles containing tools and supplies. Limited employee vehicle parking will be available in the existing contractor parking areas at Laidley Field or adjacent to the parking building.

Question #3: Will the office's we are working in be occupied during construction?

Answer #3: Yes, assume they will be occupied. There will be full occupancy during legislative sessions and the days leading up to the session. Between sessions occupancy is reduced, but there are still full time staff and periodic office visits by legislators. Some offices

may be temporarily closed to permit work under this project. These closings will be coordinated prior to work in specific areas.

Question #4: Please clarify requirements for temporary partitions and egress paths?

Answer #4: Exiting meeting building code requirements must be maintained at all times. The four main exit stairs shall not be blocked at any time without prior approval of the Owner. Provide exit signage and signage indicating direction to alternate exit stairs. Temporary partitions and scaffolding should be installed to contain construction dust and provide safe access to occupied offices.

Question #5: Who is responsible to move and protect furniture in existing offices and corridors?

Answer #5: Assume the contractor is responsible for protecting all furniture. Moving furniture within the rooms must be coordinated between government staff and contractor's personnel. Note that some of the furnishings may be considered historic and special provisions may be required for moving and storage. These provisions will be provided by the Owner.

Question #6: Please clarify the work stoppages while the legislatures are in session? What is an acceptable condition to leave the work area?

Answer #6: The legislature cannot be disturbed or substantially inconvenienced during their regular and interim sessions. The need for privacy and the elimination of noise, dust and inconvenience will require that work in legislative areas be stopped during the sessions.

Question #7: Will carpet need to be patched at fan coil units or completely replaced? What material cost should be allotted for the carpet? Can this be addressed with an allowance?

Answer #7: A \$60,000 allowance (\$15,000 for the base bid and each alternate) will be used for carpet patching/replacement at the fan coil units. Contractors shall include a \$15,000 allowance in their base bid and for each alternate bid price. This allowance will be utilized on a square yard basis to reimburse the cost of the carpet and carpet installation. Other costs shall be included in the base bid.

Question #8: Will one phase (base bid or alternate) need to be completed before another phase can be started?

Answer #8: Yes. Out of phase work may be considered for dome areas, roof s and other non-public spaces to facilitate later phases, however we are concerned about attempting more work between sessions that can be restored. Disturbing more than one quadrant of the legislative area at a time will not be acceptable. This sequence must also be followed: Base Bid then Alternate #1 then Alternate #2 then Alternate #3. The sequence is required in order for the work completed in one phase to support the work in the following phase.

Question #9: Can all the roof cuts and placement of materials via crane be done concurrently?

Answer #9: This will be considered based on the contractor's submitting an acceptable plan, however we cannot issue a blanket approval of this concept. The Owner is concerned about floor loadings and keeping the existing air handlers in operation until the appropriate time. For example, each air handler (in total) weighs 21,000 pounds on a 12' x 21'-8" footprint. In one assembled piece, each would load the floor at about 81 pounds per sq. ft. The original design load for the concrete floors is 100 pounds per square foot. The Contractor must distribute the

load and will not be permitted to concentrate the equipment sections in one place or quadrant. Also note that the air handlers should not be stored on the roofs. The design live load for the roof was 40 #/sf. Storage must also be done in a manner that does not hinder access or other work by the Owner.

Question #10: How much work area will we be allowed to occupy at one time? How large an area will we be able to partition off with temporary partitions?

Answer #10: The contractor will not be permitted to occupy the chambers, rotunda and House and Senate foyers. Stairs cannot be blocked with the exception of the four monumental connecting stairs from the ground floor main corridor to the first floor side corridor. One of these monumental stairs will be allowed to be blocked per phase. Material storage will be limited and First and Second floor areas will not be permitted to be used for long-term storage of materials. Stairwells are required for exiting. We cannot close more than one stairwell at a time and alternate exiting must be clearly marked. Assume that scaffolding and dust partitions would be required to provide access to offices during construction. Also note that Restroom renovation will be occurring simultaneously with the HVAC contract and construction access to restrooms must be coordinated with this contractor.

Question #11: Can the bid date be extended?

Answer #11: The bid date has been extended. Further extensions are not anticipated.

Question #12: Please provide specifications for acoustical ceiling and grid in basement area?

Answer #12:

Corridor Acoustical Ceiling:

Chicago Metallic

Color Model: Eurostone Tetrum

Size: 24" x 24" x 7/8" (Revel Edge 9/16 grid)

Part No. 8669.01

Grid: Tempra – #4050 (9/16") – Black

Cafeteria Rotunda Acoustical Ceiling:

Chicago Metallic

Color Model: Eurostone – Cresta Bold

Size: 24" x 24" x 7/8" (Revel Edge 9/16 grid)

Part No. 8656.01

Grid: Tempra – #4050 (9/16") - White

Question #13: Per spec section 01100, 1.3 HVAC contractors are to act as GC's. Can this be changed?

Answer #13: Please delete §1.3.A of Section 01100-2 and replace with the following:

“Project will be constructed under a general construction contract. The successful bidder (whether general or mechanical) shall be the prime contractor. Should the prime contractor be solely a general contractor, they shall have a mechanical contractor included in their list of subcontractors.”

Question #14: Section 01731, paragraph 1.5 B.7 states to protect special construction in Division 13 Sections. We do not have Division 13 specifications.

Answer #14: Division 13 normally is used to specify elevator construction. This section should be considered to refer to the existing elevators in the building.

Question #15: Section 01732, paragraph 1.7 D, Hazardous Materials defines Asbestos containing window caulk and sealant. Per the discussion at the Pre-Bid, the Asbestos would be abated by the owner upon notification. Should this paragraph be corrected?

Answer #15: Delete paragraph 'D' in its entirety. Although the windows are original to the building, they were recently restored. No hazardous materials are present in the glazing or finish. Note that there should be no reason to remove or damage a window unit. Contractor is responsible for damage to windows. Damaged glass must be replaced with matching low-E glazing.

Question #16: Section 01732, paragraph 3.5 I Roofing seems to be a part of the work; however, there isn't a roofing specification. Per the Pre-Bid, the roof area will be replaced at a later date once this work is complete. Would there be a need for a maintenance bond in this case? Are we to just provide flashings and minor repairs in advance of the roof replacement?

Answer #16: Contractor shall provide curbs, flashings and other items required where the mechanical systems interface with the roofing. Roofing system installed under this contract shall match existing roofing system. This contractor shall also note that the new roof will very likely be installed during the course of this contract. The type of roofing and insulation thickness may change. The mechanical contractor shall coordinate access with a future roofing contractor. The two year maintenance bond is required.

Question #17: Section 09401 Cementitious Terrazzo is not clearly shown in scope on the drawings. Where is this product specified? Per our review of the documents, Sheet A600 does not indicate a Note 12.

Answer #17: This section was included to provide a basis for the patching and repair of the existing terrazzo floors where fan-coil units are being removed from the corridors. These are typically low-profile units found only where the corridors have exterior wall with windows.

Question #18: Rooms 212 and 214 do not show the correct plaster demolition. Note: include the demolition required for panning the ducted relief between the floor and ceiling registers.

Answer #18: Add a General Demolition Coordination Note to all demolition and mechanical drawings which reads: "IF A DIFFUSER OR GRILLE IS SHOWN TO BE REMOVED OR PANNING OF JOISTS IS CALLED FOR ON MECHANICAL PLAN, THEN THE APPROPRIATE DEMOLITION AND PATCHING WORK TO ALLOW THIS WORK IS TO BE COORDINATED WITH ARCHITECTURAL PLANS, THE PRIME CONTRACTOR AND WITH ALL TRADES."

Question #19: Room 234 needs to show two Note 6's demolition for wall registers.

Answer #19: See answer to previous question (#18).

Question #20: Room 236 has 3 additional ceiling registers than Note 5 shows. Room “Unnamed” near corridor 247, 237, 257A, 243, 470, 442, and 436 require Note 5 plaster demolition.

Answer #20: See answer to Question #18.

Question #21: Room 207, verify FC note.

Answer #21: IF “FC” refers to “fan-coil,” then the demolition notes (#1, #12, #14, #16) on Drawing D1.11 are correct. Add a General Restroom Renovation Project Coordination Note to all plan drawings to read: “COORDINATE ALL WORK IN RESTROOMS WITH PRIME CONTRACTOR AWARDED RESTROOM RENOVATION PROJECT WORK. WORK FOR BOTH CONTRACTS WILL BE PERFORMED SIMULTANEOUSLY FOR THE AFFECTED QUADRANT AREA.”

Question #22: Room numbers between drawings are not consistent. A101 shows #235, should be 223 and 35 should be 235.

Answer #22: True, correct drawings to show Room # 235 to be Room #223 and Room # 35 to be Room # 235.

Question #23: Verify that the match lines are the separations between Base Bid and Alternate #1 and Alternate #2 and Alternate #3.

Answer #23: Yes, the match lines shown also create the separation lines between the Base Bid and Alternate #1, Alternate #2 and Alternate #3.

Question #24: Verify the separation lines for Base Bid and Alternates do not coordinate between the Architectural and Structural drawings.

Answer #24: For separation of Base Bid and Alternates on Architectural and Structural drawings, refer to the Mechanical/Electrical drawings.

Question #25: Note typical new construction wall chases note float plaster on the inside of the chase. The chase construction makes this inside work impossible to perform. Is this required? See detail L14/A601. Can we not construct a shaft wall for the rating and just plaster the exterior wall?

Answer #25: This type of chase construction is difficult but not impossible. In inaccessible areas Owner may permit, with prior approval and on a case-by-case basis, the use of fire rated drywall in lieu of plaster on the hidden face.

Question #26: What is the access to FC in room without a door near 405A sheet A103?

Answer #26: The background drawing is incorrect for this space. The elevated Room #405A has been extended out over the space where the fan-coil unit is located. The fan-coil shown to be removed is serving Room #405A through a floor register. Access to the unit is through an opening into the resulting crawlspace from Room #407A. Reference Drawing D1.21. Change Demolition Note #1 to Note #4 for this fan-coil unit and for similar unit shown in Room #455. Add a Demolition Note #21 to Drawing D1.21 at the two (2) fan-coil units shown below the floor level in Room #455 and for the one serving Room #405A which reads: “PATCH FLOOR AND CARPET WHERE RECESSED FAN-COIL UNIT IS REMOVED TO MATCH ADJACENT FINISHES. COORDINATE WITH OWNER FOR DETAILS.”

Question #27: No smoke frames with access doors are noted in Base Bid or Alternate #3 per Note 16. Is this correct? What rating is required for this door.

Answer #27: Typical Notes #16 are shown correctly on Drawing A102, see the two (2) appearances on Drawing A102 where Corridor #412 intersects with Corridor #448 and where Corridor #448 intersects with Corridor #458). However, these notes were omitted from Drawings A100, A101, and A103. The Typical Note #16 is listed on each drawing. Add Typical Note #16 with a box (similar to the appearances on Drawing A102) to the other drawings where there a door is shown in the background between the two (2) connecting corridors as follows:

Drawing A100: Where Corridor #268 intersects with the (unnamed) Corridor adjacent to Restroom #270. Where Corridor #206 intersects with the (unnamed) Corridor adjacent to Room #204.

Drawing A101: Where Corridor #203 intersects with the Corridor #213 adjacent to Restroom #207. Where Corridor #267 intersects with the Corridor #273 adjacent to Room #275.

Drawing A103: Where Corridor #421 intersects with the Corridor #447 adjacent to Room #427. Where Corridor #447 intersects with the Corridor #459 adjacent to Room #451. Corridor #447 includes the portion of the corridor which extends vertically (plan North to South) on the drawing, connecting with Corridors #421 and #459.

The existing clay tile walls extend up to the structure above these doors in the corridors. Access doors rated to match the existing walls are to be installed in all of these walls above the ceilings and are to coordinate and align with the new steel walkways.

Question #28: Who has the responsibility for temporary heating and cooling of offices once the FC's are removed?

Answer #28: The general or prime contractor shall be responsible for maintaining temporary heating and cooling in the spaces under renovation.

Question #29: Define what work would be permitted during the legislative sessions.

Answer #29: In general no work shall be done in Legislative spaces during the Legislative sessions. Work in other spaces may be permitted if it does not generate noise, dust or inconvenience that would hinder the session. Coordination shall be required, even during non-session periods, to establish work zones, timing and acceptable work activities.

Question #30: Define the limits of public protection requirements. For example in Alternate #1 House South, 1st and 2nd Floors, will the offices and corridor under construction be vacated? If so, public protection is simply a barrier.

Answer #30: The Contractor shall maintain access and fire exiting at all times. The Contractor is required to submit a proposed protection plan to CMA Engineering as a shop drawing which will then be forwarded to the Owner for review and approval before starting work. Provide at least two weeks notice if changes to the plan are required.

Question #31: Please specify the type of fireproofing requirements for replacement where existing fireproofing is removed.

Answer #31: The Contractor shall match the fire rating of the existing material.

Question #32: There are noted registers to be removed on the Mechanical demolition drawings that are not noted on the Architectural drawings. What are we to do regarding this issue.

Answer #32: Refer to Answer # 18 for this Question.

Question #33: We participated in the walk-through on this date. There were rooms we needed to see, but were not able due to access issues. We note that this bidding is rushed as the walk-through did not achieve the results we expected.

Answer #33: The walk though attempted to show typical areas and as many spaces as possible in the short time available.

Question #34: Who is responsible for protection and moving furniture from the individual offices?

Answer #34: Refer to the answer in Question # 5.

Question #35: Is it the intent that the offices will be occupied during construction of HVAC in individual offices?

Answer #35: There is no consistent answer to this question. Whenever possible offices and other affected spaces will be temporarily vacated or relocated, but this will not be possible in all spaces. In some spaces continued use will be required.

Question #36: Can we use pneumatic chipping hammers? Can we use gas powered demolition saws?

Answer #36: No in both cases. The pneumatic chipping hammers, or jack hammering will result in excessive noise and the gas powered saws will result in gas fumes which are not acceptable.

Question #37: Are we responsible for re-waxing the terrazzo floors?

Answer #37: The contractor is responsible for removing existing finishes and dirt at removed fan-coil units, patching and restoring finish in the area of fan-coil units to match existing, resealing disturbed terrazzo and then providing a final finish to match product used by owner's custodial staff at time of restoration.

Question #38: The rooms which have ACT removed are undefined related to the extent of plaster repair. Can you define how much plaster repair should be anticipated?

Answer #38: The Contractor shall assume that the acoustical ceiling tile (ACT) and support system will be removed without damaging the plaster and the Contractor will replace or repair all plaster damaged by their operations plus any unanticipated damage. The Contractor shall assume the typical quantity and spacing for the support anchors for the suspended ceiling embedded in the existing plaster ceiling and provide for the removal of those anchors and the related patching of the ceiling to match existing conditions.

Question #39: You have specified liquidated damages. Is there an early completion incentive?

Answer #39: No, there is no early completion incentive.

Question #40: Could you send in the following for engineer's review??

The schedules call for VAV boxes with finned tubular electric reheat coils. According to the suppliers the electric reheats will have to be in the duct not in the box. They will require approximately 3 feet of straight duct before and after the coil. The drawings do not depict us having room to do this.

Answer #40: See 'Addenda Items', "Changes to Paragraph 2.2 H" at the beginning of this Addendum.

SUBSTITUTION REQUEST#1

Krista,

In regards to the Senate HVAC upgrade project I would like to request that "Trane Custom" be added to the list of acceptable manufacturers of custom air-handling units (Spec section 15725). Please contact me if you have any questions.

APPROVAL: Request cannot be considered as the required manufacturer's product data information not included with request.

SUBSTITUTION REQUEST#2

Please consider the EST fire alarm equipment as an approved equal for the listed fire alarm product shown on the associated Specifications for this project.

APPROVAL: Request cannot be considered as the required manufacturer's product data information not included with request.