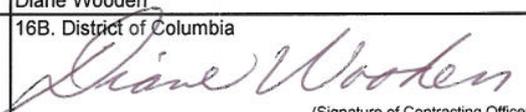


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract Number	Page of Pages 1 41	
2. Amendment/Modification Number DCAM-2008-R-0088-008		3. Effective Date 5-Dec-08	4. Requisition/Purchase Request No.		5. Solicitation Caption Consolidated Forensics Laboratory
6. Issued By: Office of Contracting and Procurement Construction, Design and Building Renovation 441 4th Street, NW, Suite 700 South Washington, DC 20001			Code	7. Administered By (If other than line 6) Office of Property Management 2000 14th Street, N.W. Washington, DC 20009	
8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)			<input checked="" type="checkbox"/>	9A. Amendment of Solicitation No. DCAM-2008-R-0088	
				9B. Dated (See Item 11) 25-Sep-08	
				10A. Modification of Contract/Order No.	
				10B. Dated (See Item 13)	
Code		Facility			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input checked="" type="checkbox"/> is extended. <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. Accounting and Appropriation Data (If Required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. This change order is issued pursuant to: (Specify Authority)					
The changes set forth in Item 14 are made in the contract/order no. in item 10A.					
B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.					
C. This supplemental agreement is entered into pursuant to authority of:					
D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.					
14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)					
Solicitation No. DCAM-2008-R-0088, is hereby amended as follows:					
(1). Proposal submission date of December 12, 2008, by 2:00 pm local time is hereby extended to December 15, 2008, by 2:00 pm, local time.					
(2). Additional Questions and Answers, (Attachment A).					
(3). Revised drawings and specifications list, (Attachment B). The actual files in Attachment B can be viewed and downloaded from (ftp://ForensicBid:OS3OfU5q@ftp.jacobs.com/)					
(4). Wage Determination DC080003 dated November 7, 2008, (Attachment C).					
(5). All other terms and conditions remain the same.					
Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect					
15A. Name and Title of Signer (Type or print)			16A. Name of Contracting Officer Diane Wooden		
15B. Name of Contractor		15C. Date Signed	16B. District of Columbia		16C. Date Signed
					12/15/08
(Signature of person authorized to sign)			(Signature of Contracting Officer)		

ANSWERS TO OFFERORS QUESTIONS

Quest. No.	Question	Answer
212.	<p>Reference: Bid-Date Extension Request</p> <p>We need a few more days to review Amendment #7 that was issued just before the Holiday week and we are aware that there are more outstanding questions. We believe if the project due date was extended to 16 December 2008, that would enable us to submit our most competitive and comprehensive proposal. Would the District consider extending the bid's due date?</p>	<p>The bid date and the Offeror's question deadline are hereby extended as part of this Amendment. Please note date changes below:</p> <ul style="list-style-type: none"> a. Replace the date in Standard Form A, Section 10 and in Section L.8, from 2:00pm Friday December 12, 2008 to 2:00pm Monday December 15, 2008. b. Replace the dates in Section L.28. from Friday December 12, 2008 to Monday December 15, 2008.
213.	<p>Reference: Modular Component System – Substitution Request</p> <p>Scientek Modular Component System</p>	<p>Substitution Request for Scientek is approved</p>
214.	<p>Reference: Spec. Section 115305 Morgue Equipment – Morteck Substitution Request</p> <p>(Multiple Items)</p>	<p>Substitution Request for Morteck is not approved. Insufficient information was provided to indicate that the technical requirements are met.</p>
215.	<p>AVISPL Questions - Section 274100 and associated drawings:</p> <ul style="list-style-type: none"> a. The Equipment Room Equipment List shows a Crestron QM-RMS (Item K page 35), which is not a valid part number nor is it shown on Drawing AV 4.01 or AV4.02. Please clarify. b. The Wet Training Room Equipment List shows a Sharp TL-M4000, (Item K, page 35) which has been discontinued by the manufacturer. Please select an alternative item. c. Equipment Lists for three rooms show a Crestron TPS-DSW docking station, which is not a valid part number. Please clarify? d. Drawing AV4.01 shows 3 Polycom Codecs. The Equipment Room Equipment List (item G, page 34) lists four codecs. Please clarify? e. The Equipment lists for Rooms 1241, 1238, and 1224 all show a Bosch Encoder and Decoder. Drawing AV4.01 	<ul style="list-style-type: none"> a. The Crestron part number is a QM-RMC. The lectern controller is shown on AV4.02 as the LCT controller on the control line diagram. b. Use a Sharp TL-M4600 and not a TL-M4000 as stated. Polysonics has contacted Sharp and the TL-M4600 remains in production. c. The units should read as TPS-6x-DSW KIT (kit, docking station, wall mount), and BB-6x-DSW (wall mount backbox: TPS-6X-DSW) d. Four Codec's are required. e. Please add (3) three Bosh decoders and (2) two additional Bosh encoders. The Bosh decoder(s)/encoders(s) will interface with the Extron MAV 2424AV and will be installed in the AV racks in Room 1237. There is space on the Extron MAV 2424AV to accommodate the additional inputs and outputs.

ANSWERS TO OFFERORS QUESTIONS

<p>shows one Encoder and no decoders. Please clarify?</p> <p>f. Tannoy Di5 speakers are on the equipment List for Room 1241 (Item I, page 17) Tannoy Di6 speakers are listed for room 1224 (item P, page 28). Neither is shown on Drawing AV4.02. Please clarify?</p> <p>g. Drawing AV4.03 Detail 2 shows audio going to the plasma displays, however speakers are not on the parts list (Item Item C, page 15). Please clarify?</p> <p>h. Drawing AV4.03 Detail 2 does not show HDMI being used in conjunction with the plasma displays, yet a HDMI card is on the parts list (Item Item C, page 15). Please verify that you want this card?</p> <p>i. Drawing AV4.03 Detail 1 shows an item identified as a mixer/ amplifier For the Operating theatre. The Equipment list for the operating theatre shows an amplifier without a mixer capability (Item C, page 18). Please clarify?</p> <p>j. Drawings AV4.02 and AV4.04 Detail 2 both show an item identified as a LCT Controller which is not shown on the Equipment list for either room. Please clarify?</p> <p>k. The Equipment list for the Multipurpose Room shows two Tannoy Di6 speakers (Item J, page 40) that are not shown on drawing AV4.04 Detail 3. Please clarify?</p> <p>l. The Equipment list for the Multipurpose Room shows two Crown CTS4200 amplifiers (Item H, page 40). Drawing AV4.04 Detail 3 shows one. Please clarify?</p> <p>m. For the conference rooms, the parts list (Item B, page 13) shows two Extron Extender WM Interfaces. Drawing AV5.01 shows what appears to be an Extender D in plates WP, FP2 and FP3. If the Extender WM is to be used, where is it used? Please clarify?</p> <p>n. The type 2 and type 3 floorboxes shown on Drawing AV5.01 do not match the Hubbell SISPEXT2 shown on the parts list for the conference rooms (Item E, page 14) and will not fit into the SISPEXT2. Please clarify?</p> <p>o. Who provides the Hubbell floorbox items listed on the</p>	<p>f. Room 1241 (small conference room) does not require the Tannoy Di5 speakers. Room 1224 does require the Tannoy Di6 speakers to be installed.</p> <p>g. The Panasonic external speakers need to be added(TY-SP42p8wk). The speakers shall be black to match the flat panels.</p> <p>h. The TY-42TM6D is a DVI-D input card and not an HDMI as stated in your question.</p> <p>i. Replace the Crown 280A with a Crown 280MA.</p> <p>j. The LCT controllers are listed as the Crestron QM-RMC under the "equipment room" and under the "multipurpose room equipment" under the "S" master controller.</p> <p>k. The speakers are required.</p> <p>l. Two (2) Crown CTS4200 are needed as listed in the equipment list.</p> <p>m. The face plate for the Extender WM will be removed. The electronics will be interfaced/connected to the custom panel for the wall or floor plates. The custom plate will be fabricated so that the LED and connections are will fit. The extender D only comes in white and will not show a good appearance on a plate.</p> <p>n. The Hubbell poke thru has been revised to a Wire Mold 6AT series poke thru box, to accommodate all the AV and power requirements. Please see the attached revised sketch of the AV connections. Floor Boxes 7-10 will use (1) Extron DAV101CM-3(#60-613-11) computer interface, (1) Extron DAS101CM-1(#60-610-11) audio buffer, (1) Extron 70-296-12 Microphone connector, and (2) Extron RJ45 connectors(#70-314-4). Floor Boxes 11-14 will use (1) Extron DAV101CM-3(#60-613-11) computer interface, (1) Extron DAS101CM-1(#60-610-11) audio buffer, (1) Extron 70-296-12 Microphone connector, (1) Extron RJ45(#70-314-4), and (1) Extron RG45 (#70-314-11) engraved "microphone".</p> <p>o. The floor boxes are to be installed by the contractor. This is a Contractor "Means and Methods" issue.</p>
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ANSWERS TO OFFERORS QUESTIONS

	Conference Rooms and Dry Training Room Equipment Lists? It would appear to be more appropriate for the electrician to supply at least the SISPFB boxes.	
216.	<p>1. Reference Equipment Item E-041c – Are the designations shown on the floor plans correct? Example Drawing QL 455a – Room 3129 indicates E-041a. Should this be designated as E-041c?</p> <p>2. From Section 115305, 2.9, Item E-022, Cadaver Lift Roller Pallet, does not have a quantity listed in the specs or drawings. Please identify required quantity.</p> <p>3. The specifications do not list a Cadaver lift. The pallet is typically used with the lift. Should we submit a request for the specifications and quantity, or is this equipment to be purchased after completion of the project and therefore it is not included in the bid?</p>	<p>1. E-041c is the correct designation. The item has only one type of mounting. The different designations indicate where the item is being placed.</p> <p>2. Provide (1) roller pallet</p> <p>3. The cadaver lift unit is an Owner provided/Owner furnished item</p>
217.	Softwalls Fabric Wrapped Wall Panels (Section 097723) Substitution Request	Substitution Request for Softwalls is not approved. 1" panel does not meet specification requirements. The basis of design is a 1 1/8" panel.
218.	<p>1. The finish schedule for Room 3226 calls for a CS-1 floor finish (A926) while the finish floor plan calls shows a RF-1 finish (A975). Which one prevails in this situation?</p> <p>2. Room 3099 calls for a CPT-3 floor finish but the finish floor plan (A975) doesn't show it covering the entire room. Should CPT-3 cover the entire room?</p> <p>3. For Room 3176 the finish schedule calls for a RF floor finish, with no designation, (A926) but the finish floor plan (A975) doesn't show what finish is required. Therefore, what finish is required for Room 3176?</p> <p>4. Rooms 1005, 1005A, and 1005B call for a L1/L2 floor finish but no layout is provided as to where each one is located.</p> <p>5. The finish schedule for Rooms B1017 and B2017 call for a RF-2. What is the extent of these floor finishes?</p>	<p>1. Room 3226 shall have RF-1 installed.</p> <p>2. Room 3099 shall receive CPT-3 for the entire room</p> <p>3. Room 3176 is an unfinished area and shall have CS-1 (concrete sealer) applied.</p> <p>4. For Rooms 1005, 1005A - Refer to floor finish layout on updated A-973 drawing issued as part of Amendment No. 06. Room 1005B (Pantry) floor finish shall be L2.</p> <p>5. Neither room is enclosed; therefore the floor finishes shall be as follows: Match B1017 to B1010 and match B2017 to B2010.</p>

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219.	<p>Reference: Shelving</p> <p>E-032a and E-032b are described in this spec while E-032c has been omitted. Please provide the dimensions of this type of free standing shelving.</p>	E-032c should be E-032b, refer to QL-001
220.	<ol style="list-style-type: none"> 1. Drawing S204W has perimeter 8x8 HSS but has no wall thickness. Please clarify. Is this typical with all other corresponding drawings with this same detail? 2. Drawing S210E indicates * as a beam. What kind of beam is this? If it is a steel beam what is the size? 3. Drawing S711 Detail B, B1 and C show the connection detail of each landing corresponding in Section A and A1/S711. The back of the vertical HSS members cannot be seen and it is unclear if the bracing needs a tapered cut or if it can be welded to the vertical member in its original form. Please clarify. 4. Also there is a rectangular object on the outside of detail C on S711. Is this also HSS? Please clarify. 	<ol style="list-style-type: none"> 1. HSS 8x8x3/8. Refer to revised drawings issued as part Amendment No. 05 drawings. 2. The beam is concrete with a ½" x 12" x 8' -0" embedded plate at the bottom of the beam for pipe hangers. For beam size, refer to beam schedule. 3. Bracing to have a tapered cut. 4. Yes, it is a HSS.
221.	<ol style="list-style-type: none"> 1. Fixture type PL1a (found on drawings E203E, E204E, E205E – E208W) and fixture type VP6A (found on drawing E203W) are not listed in the Lighting Fixture Schedule. Please provide a description and manufacturer for these lights. 2. Drawing L201 shows the location of the flagpole lights and drawing L203 details the lights, however, there is no quantity listed or shown on any of the drawings. Please provide a quantity for these lights. 3. Drawing L201 shows the location and quantity of the street lights, however, there is no detail of the lights in the Lighting Fixture Schedule. Please provide a description and manufacturer for these lights. 4. On drawing E203E, the following rooms show circuits with no light fixtures attached: 	<ol style="list-style-type: none"> 1. Lighting fixture schedule was revised in Amendment #05 for this fixture. 2. There is one lighting fixture for each flagpole. 3. Refer to Dwg. C8.5, issued in Amendment #07 4. Refer to Circuitry revisions issued in Amendment #06

ANSWERS TO OFFERORS QUESTIONS

	<p>a. Conference Room – circuits 23b, 24b, 25b b. Training Room – circuits 13b, 14b, 15b, E16b c. Multi-Purpose Room – circuits 09ab, 05ab, 05aa</p> <p>Please advise which light fixtures, if any, should be attached to these circuits</p>	
222.	Substitution Request for Kimball and Dauphin Furniture	Substitution Request for Kimball and Dauphin is not approved. The proposed systems furniture will not allow for infinite adjustability and flexibility that the specified system can accommodate.
223.	<p>1. Door schedule indicates the bullet resistant doors have a glass type GL-16. There is no GL-16 listed on the specification. Security Glazing specification 088853 list type SG-1, SG-2 and SG-3. Please clarify type of glass to be use.</p>	<p>Refer to revised Door Schedule issued as part of Amendment #06</p> <p>- Door 1115 at security booth shall have glass type SG-1. - Doors 2047 and 2181, at Firearms Receiving & Waiting and Firing Range shall have glass type SG-2.</p>
224.	<p>1. Elevation #1 on A616 shows glass type GL-4 at the Break Area West. There is no type GL-4 for interior glass. Please clarify.</p> <p>2. Elevation #1 on A617 shows glass type GL-2 at the right and middle conference room typical through level 5. There is no type GL-2 for interior glass, is this to be type GL-12? Please clarify.</p> <p>3. Elevation of reception desk shows glass type GL-4. There is no glass type GL-4 for the interior. Please provide correct type of glass.</p>	<p>1. Glass type for Break Area West shall be GL-14. 2. Glass type for the north walls of the conference rooms shall be GL-12 3. Reception desk shall have glass type GL-14.</p>
225.	<p>1. All glass noted as GL-10, GL-11, GL-12, and GL-13 are only available through Dirtt and Dirtt does not sell glass without their system. What type of glass should be used for these glass types?</p> <p>2. A621 shows the glass to be a 1" insulated glass unit and GL-10 is a 1/4" monolithic lite. Should I be using a 1" ig or 1/4" lite?</p> <p>3. Does the curtainwall in the atrium need to be fire rated?</p>	<p>1. The glass shall match the DIRT as closely as possible. The two systems are never adjacent to each other, therefore an exact match is not necessary. The A/E will approve during the construction submittals process. 2. All of GL-10 glass is 1/4". 3. The Curtain wall in the atrium does not need to be fire rated.</p>

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226.	For the decorative gates specification issued in amendment #05 the specified model (TYM-VS) does not offer a battery back up as an option, contrary to what is required as an accessory in the specs. Can this battery back-up be an independent device? If it is required to be an accessory please specify an alternate model	No battery backup is required, the gates are on standby power.
227.	<p>Subject: Lab Waste Forced Main Piping Reference: Division 220000</p> <p>Question: Please provide a pipe and fitting schedule for lab waste "forced main" piping. There is nothing in the specifications for this. Schedule 40 socket fusion polypropylene is not acceptable for forced main pipe according to the manufacturer.</p>	<p>Revise Specifications Section 226600 as follow:</p> <p>a. Delete Section 226600, Para. 1.4 and replace with: "1.4 - Single-Wall Piping Pressure Rating: 100 feet head of water (280 kPa). Forced Main polypropylene laboratory waste piping specified under Para. 2.1 must meet said requirements."</p> <p>b. Delete Section 226600, Para. 2.1.A.2 and replace with: "2.1.A.2 Manufactures: a. IPEX, b. George Fischer c. or equivalent"</p>
228.	Specification section 071326 calls for one type of membrane for on-line waterproofing locations. Specification section 071700 lists three different types of membranes for off-line locations. This is a total of four different types of membranes specified. Which one is required or can the contractor select from any one of the four membranes listed?	<p>There are two waterproofing systems listed. The Contractor may, at his option, provide self-adhering sheet waterproofing as specified in Section 071326, Self-Adhering Sheet Waterproofing, or provide bentonite waterproofing as specified in Section 071700, Bentonite Waterproofing, for below grade waterproofing on foundation walls and below mat slab.</p> <p>Section 071326, Self-Adhering Sheet Waterproofing, specifies 3 types of waterproofing sheets as follows:</p> <ol style="list-style-type: none"> 1. W. R. Grace Preprufe 160R for on-line sheeting and shoring locations, installed before the foundation wall is poured. 2. W. R. Grace Preprufe 300R for below mat slab. 3. W. R. Grace Bituthene 3000 for the top 5 to 10 feet of foundation wall where waterproofing sheet is installed after the foundation wall is poured. <p>Section 071700, Bentonite Waterproofing, specifies 3 types of waterproofing sheets as follows:</p> <ol style="list-style-type: none"> 1. CETCO Volclay Ultraseal SP for on-line sheeting and shoring locations, installed before the foundation wall is poured, and for below mat slab. 2. CETCO CoreFlex 60 Membrane, for on-line sheeting and shoring locations where indicated, installed before the foundation wall is poured, and for below mat slab where indicated.

ANSWERS TO OFFERORS QUESTIONS

		<p>CoreFlex 60 is typically for the corner transition course between the mat slab and the foundation wall, and for the mat slab at vehicle exam bay areas, as indicated on the drawings and as specified.</p> <p>3. CETCO Voltex DS, for protecting the CoreFlex 60 Membrane below mat slab, as indicated and as specified. Voltex DS is a waterproofing protection course for the CoreFlex 60 Membrane at all locations below mat slab.</p>
229.	<p>Reference detail 1/A792 – Shows protection board over the waterproofing membrane that is under the slab. The use and location of the protection board as shown on this detail is not acceptable to the manufacturer. Please advise if the protection board can be deleted from this detail.</p>	<p>Yes, delete protection board between the membrane and concrete.</p>
230.	<p>1. Reference Spec Section 075566, Paragraph 1.6A lists 3 acceptable installers of the vegetative roof systems and also contains the phrase “but are not limited to the following”. Many roofing contractors perform the installation of vegetative roof systems with their own crews. Is this acceptable?</p> <p>2. Reference Detail 2/A734 – Indicates 4-6 inches of growing media. Ideally, this should be a consistent thickness. Is a 4 inch maximum thickness acceptable for the green roof soil?</p>	<p>1. Installers other than the ones listed in Section 075566, Vegetated Roof Coverings, are required to submit their qualifications for review by the Architect to determine compliance with the installer qualification requirements. Not all roofing contractors have qualifications that comply with the specifications. This will be evaluated on a case-by-case basis.</p> <p>2. Please reference Section 075566, Vegetated Roof Coverings, paragraph 3.4.A.2 on page 10, for planting soil mix depth minimum and maximum dimensions after compaction. 4-inches is the minimum, not the maximum.</p>
231.	<p>Reference: Fireproofing</p> <p>1. Is the fireproofing limited to the slab edge (above breakroom) adjacent to stair #3?</p> <p>2. How is the landing steel for stair #3 supported? What member supports the steel?</p> <p>3. Does the steel supporting the glass wall on column lines G, F.8 & 12.6 require fireproofing? If so, please identify the required fireproofing material and rating.</p> <p>4. Does the entire roof over the lobby area & stair #3 require fireproofing or only on certain portions of these areas?</p> <p>5. Is there a requirement for the steel to be primed/painted in the areas to receive fireproofing?</p> <p>6. Is the fireproofing to be applied to the steel framing classified as RESTRAINED or UNRESTRAINED?</p>	<p>1. The stair does not require fireproofing. The metal deck and all W sections and west of the accordion partition, require fireproofing.</p> <p>2. Stair landing is supported by stringers.</p> <p>3. Yes, intumescent fireproofing is required at all exposed steel framing, including steel trusses and associated HSS members exposed in the atrium. Must provide 2 hr rating.</p> <p>4. Yes, the entire area.</p> <p>5. Contractor shall prime substrates where recommended in writing by the fire-resistive material manufacturer.</p> <p>6. Restrained</p> <p>Note:</p> <ul style="list-style-type: none"> • For floor and beam assemblies with spray applied fireproofing, design shall meet or exceed UL 916. • For intumescent assemblies, design shall meet or exceed UL X-628

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232.	<ol style="list-style-type: none"> 1. Reference Detail 2/A774 – What is the cant material indicated on this detail? 2. Reference Detail 3/A752 – What is the metal material for the coping indicated on this detail? 3. Reference Detail 5/A772 – Cannot locate a specification for the tongue & groove latex modified concrete faced insulation indicated on this detail. Please provide specification identifying this material. 	<ol style="list-style-type: none"> 1. Delete the cant material, not required. 2. Stainless steel 3. Delete tongue and groove latex modified concrete.
233.	<p>The proposed UGT at the 4th Street and School Street connection on the north east corner of the building is shown in 2 different routings as referenced on drawing E010 and C-5.0. Which drawing shows the proper routing?</p>	<p>Follow E010</p>
234.	<ol style="list-style-type: none"> 1) Per the Geotechnical report (page 9 section 4.5), please verify that the groundwater elevation is at -7.0 feet based on test boring exploration. 2) The Geotechnical report (page 9 section 4.5) states that the lowest finished floor elevation for the proposed building is at an elevation of -3.0 feet. Architectural drawing A701 shows the lowest finished floor elevation of -7' 3". A mat slab of thickness 3' 6" yields a bottom of excavation of -10' 9". Please clarify so that accurate elevations may be used in any dewatering calculations. 3) The Geotechnical report (page 14 section 5.5) states that "Dewatering of the site should be limited to the excavation. Deep zones of dewatering may induce settlements of adjacent roadways and buildings and should be avoided". Please clarify since the groundwater elevation is -7.0 feet and the bottom of excavation is at -10' 9". 	<p>Refer to Addendum #01 and #02 of the geotech report issued as part of this Amendment (No. 08):</p> <ul style="list-style-type: none"> • Addendum #01 - April 9, 2008 letter by Froehling & Robertson, and • Addendum #02 - July 30, 2008 letter by Froehling & Robertson.
235.	<p>The geotechnical report recommends a 6" drainage blanket beneath the garage slab (page 9 section 4.4) however no such drainage blanket is shown on the drawings. Should a 6" drainage blanket be provided beneath the mud slab?</p>	<p>Adhere to the drawings/Specs for specified work. There is no underslab drainage blanket.</p>
236.	<p>In accordance with specification section 275000.1.2.D.14 please confirm that the Contractor is to provide labor only for voice cross connects and data patching, and the patch cords shall be provided by others.</p>	<ul style="list-style-type: none"> • Patch cords are to be provided by the Contractor per Section 275000 Part 2.9.F – The copper patch cords shall be PC08XX, color to be coordinated with Owner. • Patch cords are to be provided by the Contractor per Section 275000 Part 3.1.F – The Contractor

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		<p>shall furnish and install two (2) 8', one (1) 6' and one (1) 10' copper patch cord for each communication outlet.</p>
<p>237.</p>	<p>Reference: Multiple Civil/Structural Clarifications</p> <ol style="list-style-type: none"> 1. C4.0: Demolition note 20 indicates the existing gas line and associated equipment is to be removed. This service is to the existing Fire Station. The limit of removal is not indicated, but the note is shown in the middle of School Street (expensive excavation and restoration if the limit of work is not indicated). 2. C5.0: Site Utility Legend #2 indicates New 8" DIP Fire line. Plan view in "E Street" indicates a 6" DIP Fire line. Other drawings in the set also show 6" or 8". Confirm size. 3. C5.0 - Plan view indicates the 6" DIP Fire line going into a meter vault, but the 6" DIP Water service entering the building without a meter vault. It appears the notes are "flipped". 4. C5.0: Site Utility Legend #16 indicates a new "6 in Sanitary Connection" being made to the existing storm water main at "E" street and 4th street. Confirm intentions, pipe location, elevations 5. C5.0: Storm and Sanitary Structure Table does not list new manhole structures SD-15, SE-16, SD-17, SD-18? 6. C5.1: Stormwater Pipe Profile "A" indicates structure SD/Ex-5 as being a New Manhole. Just a typo we believe. 7. C5.1: Sanitary Sewer Profile "1" indicates the Inv In at 13.40 at SS-1. This is incorrect. 8. C8.2: Retaining wall plan indicates two small walls extending to the east from this retaining wall. These walls become a portion of the "gates" for the new CFL loading dock 	<ol style="list-style-type: none"> 1. C4.0 - The gas line is to be relocated. The proposed relocation connection is to the existing gas main along School Street. This will need to be coordinated with Washington Gas. See attached sketches SK-1A, and SK-1B issued as part of this Amendment (No. 08), attachment B. 2. C5.0 - Fire line is 6" DIP. Notation has been corrected. 3. C5.0 Correct. Notes were "flipped" and have been corrected. 4. C5.0 - Site utility Legend #16 was a drafting mistake. There is no sanitary connection in that area. Note has been referenced. 5. C5.0 - Structures have been added to table. Please reference profiles on sheets C-5.1 - and C-5.2 for structure details. 6. C5.1 - Correct. SD/EX-5 is an existing manhole. Typo has been corrected. 7. C5.1 - Correct invert in is 7.72 at SS-1. Plans have been corrected. 8. C8.2 - These details are part of the gate. See Revised S203W drawing issues as part of Amendment #07. Structural wall is 12" as shown. Site retaining wall is shown on structural drawings for clarification. 9. C-10 – Refer to attached Sketch SK-2 for project LOD issued as part of this Amendment (No. 08). Contractor to adhere to the strict requirement that limits disruption to Engine #13 site and operation.

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<p>area. These walls are not indicated in section on this plan (hence rebar/design not indicated). Then on structural drawing S203W the walls show up with an elevation 35ft and a width of 12", but again without any details (not retaining wall is 1'-6" thick per C8.2, not 12" thick). The Architectural floor plans give you the best understanding of the situation, but lack details</p> <p>9. C-10 - Raze Package Erosion and Sediment Control plan only addresses the sediment controls to the extent of the site during the demolition operation. The "Limit of Disturbance" does not account for the new CFL building extending west to the Fire House. Also the LOD indicates some utility work disturbance limits, but misses several utilities. Coordinate with the latest Utility plans</p> <p>10. C-10: Notes 5 and 6 indicate the demolished materials can fill the basement level and the entire site has to be graded, stabilized and seeded. <u>This is an expense that should not be necessary if bulk building excavation is to begin immediately.</u> Confirm intentions.</p> <p>11. L204: Wall elevations are indicated for only half of the planter walls. Was that the intention?</p> <p>12. S201E: Foundation mat is indicated as 42" thick. The top of the mat slopes 4" in most areas. Is it your intention that the bottom of the mat slopes also, thus keeping the constant 42" <u>thickness and resteel lengths, or did you intend for the bottom of the mat to be flat?</u></p> <p>13. S203W: The 1st floor Loading Dock area has its structure 9" lower than the remainder of the First Floor. Finish plans for the area indicate "epoxy paint floor finish". There are not any ramps indicated to slope up from the loading dock area to the remainder of the First floor area. Please confirm intentions</p>	<p>10. Delete Notes 5 and 6 on C-10. Bulk building excavation to begin as early as possible. This is a GC means & Methods.</p> <p>11. For the extent of the planter walls, refer to revised Drawing L201 issued as part of Amendment No. 07.</p> <p>12. Maintain minimum 42" Mat thickness. Bottom of Mat shall be flat.</p> <p>13. Dock area is 9" lower structurally. That 9" will be filled by insulation and topping slab as per Arch. dwgs. No ramp will be required.</p> <p>14. Refer to revised drawing S-203W, Section C/704, issued as part of Amendment No. 07.</p> <p>15. Refer to revised drawing S203W, Section B1/S704, issued as part of Amendment No. 07.</p> <p>16. Refer to revised drawing S209W, Revise D/S175, issued as part of Amendment No. 07.</p> <p>17. S701 - Provide 4" mud Slab. No gravel is required. Below mat foundation we will have 4" mud slab+water proofing membrane.</p>
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	<p>14. S203W: Col G-4 area is the location for the Fire Command Room which has a door that exits to the outside of the building. However, the floor slab is 3-4 feet below grade and needs a stair or raised platform for this room. No details provided.</p> <p>15. S203W: Col E-0.5 has a section cut that references C/S704. That detail does not exist?</p> <p>16. S209W: Blast Collapse Girder at Col 1 is indicated at 6'-0" deep (72"). However, an elevation is referenced to D/S715 which shows this same Girder at 9'-0" deep to match the opposite side of the building. Confirm intentions.</p> <p>17. S701: Several sections on this and the next drawing (S702) detail a 4" mud mat being installed below the foundation Mat Slab. Architectural drawings A792 specifically show an 8" minimum Gravel Layer with filter fabric below it. The 4" mat slab would contain in excess of 650 CY of concrete which would equate to in excess of \$100,000. Please confirm intentions.</p>	
238.	Paragraph "1.1D" item 2 of section 074300 refers to section 072113-Composite Metal Wall Panels. There is no section 072113 in the documents. Please confirm if this is a correct section.	Delete reference to Section 072113
239.	<p>Subject: Section H – Contract Language</p> <p>1. Spec. Sec. H.35.3.2.6. of the Specifications on mark-ups on changes conflicts with Article 3.D.7. The first provision has been interpreted by other government owners to deny any mark-up on second-tier subcontractor claims for added work by the second-tier subcontractor (i.e. no mark-up at all). This provision, however, conflicts with Article 3.D.7, which allows for a 10 (ten) percent markup on subcontracted work priced for change orders. Please clarify.</p>	<p>1. Refer to Standard Contract Provisions "For Use With Specifications for District of Columbia Government Construction Projects" (Revised January 2007) Article 3. Changes, 3.D Change Order Breakdown. Subsections 1 – 6 specifically address the process for submitting costs associated with proposed changes. Subsection 7 addresses the allowed Overhead and Profit (up to an additional 10%) that is to be allowed to the GC, for work performed by a subcontractor. The allowed maximum Overhead and Profit allowed for subcontractor work, which includes any/all multiple tiers of subcontractors, is 20%. Article 3 of the Standard Contract Provisions does not conflict with H.35.3.2.4 or H.35.3.2.6 of the Solicitation.</p> <p>2. The more stringent requirement of notification in writing to the Contracting Officer within (7) days of receipt of notice to return to work shall take precedence.</p>

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	<p>2. Article 26 conflicts with Article 4. Under Article 26, claims for adjustment relating to suspension of work will be disallowed if not "asserted in writing as soon as practicable" after the suspension has ended, "but not later than the date of final payment under the Contract." Under Article 4, a request for equitable adjustment as a result of suspension or delay will be disallowed unless it is made, in writing, to the contracting officer within 7 days of receipt of notice to return to work. Please clarify.</p>	
<p>240.</p>	<p>SUBJECT: Process Water REFERENCE: Specification Section 226700</p> <p>PROBLEM: There is Process water specified in the section. There are no references to process water on the plumbing drawings. There is protected water. Is the protected water system where the process water spec is to be used? Please clarify where the process water specification is to be used.</p>	<p>Specification Section 226700 (Processed Water Systems for Laboratory and Healthcare Facilities) is for pure water piping in laboratories. Refer to Paragraphs 3.2 and 3.3.</p> <p>Revise Specification Section 221116 Para 3.19F to read: "F. Piping inside of building: 1. Cold water, hot water, hot water circulation, protected water, protected hot water, protected hot water circulation, tempered water, tempered water return: a. Hard copper pipe, ASTM B88, Type L; NSF 61 certified copper, solder-joint fittings and brazed joints. 2. Make-up water and trap priming water: a. Hard copper pipe; ASTM B88, Type L; copper solder fitting and brazed joints."</p>
<p>241.</p>	<p>Ref S209W, S714 S715- Blast girder along 1 line notes that it should be 36x72. D/S714 shows 18" wide and a total height of 10.47' with a 3'x 1.5' L-shaped cap. Elevation D/S715 shows 9' from 94.5 to T.O.B. Furthermore, there are no details at the point at F.3/1. Please provide clarification along 1 line.</p>	<p>Refer to revised drawings issued as part of Amendment No. 05</p>
<p>242.</p>	<p>SUBJECT: Scale of drawings - H409a & H501</p> <p>PROBLEM: Most of the H drawings have no dimension scale listed. A scale of 1/4" or 1/8" for 1/2 sized plans works for most of the H drawings. Drawing H409a and drawing H501 are something else. A scale of 1/8' is under sized and a scale of 3/16' is too big. What is the scale of these published documents supposed to be? Please advise as this is really important.</p>	<p>Refer to revised drawings H409a and H501 issues as part of this amendment (No. 08).</p>

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243.	Drawings show interior storefronts & details at conference rooms. Please furnish approved manufacturers of the interior storefront framing.	Per Dwg. A-619, the wall system shall meet the requirements of Section 084113 – Aluminum Framed Storefronts. Acceptable manufacturers are: Tubelite – 400 Series; US Aluminum – 2200 Series; Kawneer – 1600 System1; Vistawall – Reliance. The interior storefront shall be glazed into a ¼" system, no rating required and no exterior testing requirements apply.
244.	Subject: Amendment #05 - Q. #65 Q & A #65 was not answered. Please confirm if test reports are acceptable in lieu of off-site Laboratory Mock-Up Testing, if similar systems have been tested to the specified performance requirements.	Offsite laboratory mock-up testing as addressed in the specifications is required.
245.	Paragraph 1.5, item I states" The architect reserves the right to require a full size visual mock-up on the site to demonstrate fabrication techniques, workmanship and design of hardware and accessories". Please confirm if full visual mock-ups will be required. If so, please furnish the quantity, location and if the visual mock-ups can be incorporated as part of the project.	Full size mockups are required. Mockups which have been inspected and approved by the District can be incorporated into the project. Reference A511, A512E, & A514E for size and scope of mock-ups required.
246.	According to the rep for Semco up in Boston Vanderweil will approve this they just needed it to go through the proper channels	Due to the lateness of the substitution request, after due date, request is not approved. In addition, no info provided.
247.	1. The wall on the east side of the reception area is shown in detail 4-D on drawing A672 with a CP-2 finish indicating a demountable partition while the opposite side of the wall is shown with a P-3 finish in detail 1 on drawing A616. On floors 1, 2, and 5 this wall is indicated as a 1A3AK wall while on floors 3 and 4 this wall isn't labeled. Please verify the wall type on each floor for the east wall of the reception area. 2. On the finish schedule EPNT-1 appears as a wall finish type. It doesn't indicate what EPNT-1 stands for in the room finish legend. Please clarify what EPNT stands for.	1. The partition tags on A-204E are correct. The partition tags on A-205E; A-206E; A-207E; and A-208E shall be similar. Per 4/A-672 change the CP2 panels to P-1 with reveals similar to 3/A681. 2. Wall Finish EPNT-1 is the same as EP-2, epoxy paint, listed in Room Finish Legend on A921.
248.	Reference: Permanent Utilities Availability Pepco and Washington Gas are not under the direct control of the contractor and as such we suggest the following as a means to facilitate the design and construction of the permanent power and gas to the facility. Reference Question	The District has submitted a Class of Service Application to Pepco and a request for new gas service to Washington Gas. At this point, it is our understanding that all work required by the Owner (District) is complete and the remaining work/submissions/coordination with these utility companies are the responsibility of the Contractor. The contract milestone schedule includes a milestone date for start of "Commissioning". The

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	<p># 139.</p> <p>The District should be responsible for filing the service applications to both utility companies with the assistance of the A/E. Have the service applications been submitted?</p> <p>After the service applications have been submitted the utility companies will begin design of the new services. Until the design is completed, a value for the utility fees can not be obtained for the facility. It is our understanding that the utility fees are to be included in our proposal. We suggest one of the following options: a) the District is responsible for the utility fees, or b) the District establishes an allowance within the bid to address this cost.</p> <p>The duration to obtain permanent service is outside the control of the contractor since we do not have direct control with Pepco and Washington Gas. We suggest that a milestone date be established within the schedule that contractor can assume that Pepco and Washington Gas service is complete and available for contractor's use. Note that it would be in the District's interest to designate the earliest date that these services will be available so that the bid can reflect a shorter duration for other temporary power sources such as generators which are more costly.</p>	<p>Contractor shall be responsible to coordinate and schedule their submittals to Pepco, Washington Gas and other utilities to ensure availability of permanent utilities (power, gas, etc..) at start of "Commissioning".</p> <p>It is the intent of the District to have the Contractor pay Pepco for cost of the new Class of Service application to the building, which will be reimbursable by the District to the Contractor.</p> <p>The contractor shall remain responsible for paying all costs associated with temporary or permanent utilities required through out the construction phase (setup and consumption) as addressed in the Contract.</p>
249.	<p>The specification states - to provide clean power 18 pulse drives below 75HP for IEEE 519 compliance on drives of 30HP and above. It's generally not cost effective to provide clean power 18 pulse drives below 75HP.</p> <p>Can the range be pushed to above 75HP?</p>	<p>Provide the specified 18 pulse drives on motors greater than 30 hp as specified.</p>
250.	<p>For specification 115300 Spacesaver would like to suggest/submit for a substitute. This goes along with the email I sent earlier. It includes a PDF of the specification and a detailed brochure for their product.</p>	<p>The substitution request for Spacesaver is not approved.</p>

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<p>251.</p>	<p>Reference: Amendment #07, Question 199</p> <p>The contact information for the District permit expeditor appears incorrect. Please provide</p>	<p>This is being provided for information purpose only. Offerors to assume full responsibility for obtaining permits as required by the contract:</p> <p>Mr. Maurice Evans II Aqualink Business, Realty and Professional Services LLC</p> <p>990 St. Margaret's Drive Cape St., Claire Md. 21409 Phone (1): 202-557-8002 Phone (2): 443-949-7506 Fax: 410-349-2273 Email: mauriceevans@comcast.net</p>
<p>252.</p>	<p>Reference: Multiple RFI's (RFI numbers corresponds to the Offeror's question)</p> <p>RFI #58 – Who is the basis of design of the "Enthalpy Air Handling Units"?</p> <p>RFI #59 – Who is the basis of design of the "Glycol Run Around Air Handling Units"?</p> <p>RFI #60 – Who is the basis of design of the "Glycol Run Around Exhaust Air Handling Units"?</p> <p>RFI #61 – Please provide pipe sizes for all the piping shown on drawing "H405a" up at the top and on the left hand side of the drawing, shown as light lined underneath the ductwork?</p> <p>RFI #62 – What is the size of the large supply duct on drawing "H407c" from column line E.4 to B?</p> <p>RFI #63 – Are "thermal hanger shield inserts" required on the chilled water piping system?</p> <p>RFI #64 – Is "Arc Water Treatment" an acceptable alternative manufacturer for the HVAC water treatment?</p>	<p>RFI #58 - Two manufacturers were consulted while designing these units "HAAKON" and "VENTROL".</p> <p>RFI #59 - Two manufacturers were consulted while designing these units "HAAKON" and "VENTROL".</p> <p>RFI #60 - Two manufacturers were consulted while designing these units "HAAKON" and "VENTROL".</p> <p>RFI #61 - See attached updated drawing (H405a). Piping without sizes indicated shall be ¾" including all runouts to terminals.</p> <p>RFI #62 - The duct is 72x20.</p> <p>RFI #63 - The piping system must be supported with an insulated product which provides proper support for the pipe within the hanger so that the pipe weight does not crush the insulation and also provides adequate insulation to avoid condensation from forming at the support location. Pre-manufactured inserts will achieve this result. Other methods would be acceptable upon review of the engineer.</p> <p>RFI #64 – Yes provided they meet the design intent.</p> <p>RFI #65 - Yes provided they meet the design intent.</p> <p>RFI #66 - Yes provided they meet the design intent.</p>

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	<p>RFI #65 - Is "Nalco Water Treatment" an acceptable alternative manufacturer for the HVAC water treatment?</p> <p>RFI #66 - Is "Ashland Water Treatment" an acceptable alternative manufacturer for the HVAC water treatment?</p> <p>RFI #67 – What is the correct output for the De-Ionized Water System? Per the equipment schedule on drawing "P-601", the de-ionized equipment schedule reads pure water output of 752 gallons per day, but they list 24 gpm for permeate flow rate. These two completely conflict each other! A 752 gpd R.O. machine has typically a 0.52 gpm permeate flow rate. A 24 gpm permeate flow rate equates to a R.O. machine that produces 34,560 gallons per day.</p>	<p>RFI #67 - Operation of Pure Water System in not continuous, when Pure Water tanks are full and there is no demand, there is no Pure Water production.</p>
<p>253.</p>	<p>With regards to twin Washington globe and tear drop street lighting shown on L201 and details J & I shown on L203:</p> <ol style="list-style-type: none"> 1. Typically these fixtures are furnished and installed by the District. Are we to supply and install? 2. These fixtures do not exist on the fixture schedule. What are they? 3. If we are to supply and install them, where do we obtain power for these fixtures? 4. Where do we get power for the handrail LED fixtures? 	<ol style="list-style-type: none"> 1. Contractor to furnish and install 2. Refer to Dwg. C-8.5, issued in Amendment #07 3. Refer to Civil and Electrical drawings issued as part of Amendment #07 for site pole electrical. 4. Refer to revised Dwg. E-203E issued in Amendment #07 for circuits to the handrails. Also note that "PROVIDED BY OTHERS" note refers to other trades under this solicitation and the Offeror price shall include this work.
<p>254.</p>	<p>Subject: PCHWS/R Piping System. Reference: Drawings H408a, H408c, H409a, H409b & H606</p> <p>Question: Drawing H606 shows the PCHWS/R piping system capped at the top of the risers and all horizontal piping as future work. Drawings H408a, H408c, H409a and H409b for the upper and lower penthouse plans show horizontal PCHWS/R piping connecting to the risers. Please review and issue a revised drawing and/or sketch clarifying the amount of work to be included.</p>	<p>Refer to revised drawings H-408a and H-408c issued as part of Amendment #07. The termination depicted on the H-408c drawing shall be made with butterfly valves to match the terminations depicted on the H-408a drawing. Any other piping on the upper or lower level drawings labeled "PCHWS" or "PCHWR" should be considered future piping and is not required to be installed as a part of this contract.</p>

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<p>255.</p>	<p>Subject: FCU-13. Reference: Drawing H408b</p> <p>Question: Drawing H408b shows two FCU's tagged as FCU-13. There is no chilled water supply shown for these units. Please review and issue a revised drawing and/or sketch showing the missing work.</p>	<p>Refer to revised drawings H-408c (from Amendment #07) and H-409b and H-409c issued as part of this Amendment (No. 08). Each fan coil unit will be served by 1-1/2" CHWS&R lines and a 1" drain line going to the nearest floor drain.</p>
<p>256.</p>	<p>Subject: Lab Pure Water Piping. Reference: Specification Section 226700.</p> <p>Question: In table of contents, Section 226700 is labeled "Processed Water Systems for Laboratory and Healthcare Facilities". The actual spec section 226700 is labeled "Pure Water Polypropylene Piping System for Laboratory". Please identify on the plumbing drawings which piping system(s) are "Pure Water Piping" that apply to this specification.</p>	<ul style="list-style-type: none"> • Specifications Section 226700 footer is revised to read: "PURE WATER POLYPROPYLENE PIPING SYSTEM FOR LABORATORY". • Table of Contents is revised to read: "PURE WATER POLYPROPYLENE PIPING SYSTEM FOR LABORATORY".
<p>257.</p>	<p>Subject: Bio Waste Leak Detection. Reference: Drawing P-705</p> <p>Question: There is some confusion as to the extent of leak detection to be done on the double wall bio-hazard waste piping. Is leak detection required for vertical piping? It is not recommended by manufacturer</p>	<p>Leak Detection in BioHazard waste lines is required for entire length of waste piping from start to termination including vertical and horizontal segments</p>
<p>258.</p>	<p>Spec 084413 paragraph 2.3, L.1 calls for two coat mica flek similar to PPG Sunstorm, item M calls for exposed interior aluminum shall receive polyester coating similar to PPG polycron III and item N calls for all exposed interior aluminum shall receive acrylic enamel similar to PPG Duracron. Material schedule on architectural drawings ML-1 is called out as PPG UC55028XLB Duranar XLB bright Silver. Please clarify locations which metal finish applies to the exterior and interior surfaces.</p>	<p>The types of interior and exterior coatings are correct in the specifications. Both coatings need to match the color of ML-1 on the elevations.</p>

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259.	Section 1/A753 indicates cassette windows at the 4 th level at BL3 labs. Level 4 floor plans on A206E and A206W indicate BSL in room 4161 & 4179, but no BL3 lab is indicated. Drawing A206W also does not show extent of the containment glazing. Similar to the 5 th floor. Please confirm location and quantities of the cassette windows.	The containment glazing should be a fixed window system with double glazing. Refer to Drawings A-206E, A-206W, A-207E and A-207W for the extent of the containment glazing.
260.	Atrium curtain wall shown on A619 indicate glass type GL-10. Spec 088010 and drawing A922 indicate GL-10 as ¼" clear tempered glass with acid-etched pattern on #2 surfaced. The manufacturer is Dirtt the demountable partition supplier; series, Etched, color, crane, number DG39. Dirtt is not furnishing the curtain wall. Please furnish the etched pattern so that the curtain wall subcontractors can obtain pricing from the glass manufacturer.	Use GL-10 and provide glazing with color and patterns matching the Dirtt wall glazing type.
261.	According to the rep for Semco up in Boston Vanderweil will approve this they just needed it to go through the proper channels	Due to the lateness of the substitution request, after due date, request is not approved. In addition, no info provided.
262.	<p>Subject: Lab Gas Vent Piping Material.</p> <p>Reference: Plumbing Drawings</p> <p>Question: Please provide material and joint method for lab gas vent piping off of manifolds. Is copper L tubing with solder joint acceptable?</p>	<p>Specifications Section 226313 Para, 2.1 H is inserted to Read:</p> <p>"2.1 H. Rigid copper pipe for laboratory gas regulator vent and vent piping through stacks on roof and to termination above top of stack: ASTM B 819, Type L, seamless, drawn temper that has been manufacturer cleaned, purged, and sealed according to CGA G-4.1 for oxygen service.</p> <p>General Requirements for Copper Fittings: Manufacturer cleaned, purged, & bagged for oxygen service to CGA G-4.1:</p> <ol style="list-style-type: none"> 1. Wrought-Copper Fittings: ASME B16.22, solder-joint pressure type or MSS SP-73, with dimensions for brazed joints. 2. Copper Unions: ASME B16.22 or MSS SP-123, wrought copper or cast-copper alloy"
263.	<p>Reference: Amendment #7, answer to item 150 # 2c</p> <p>Answer to item 150 #2c "Conventional" construction for the south wall. Elevation 1/A681 shows a clerestory window framing, who provide this clerestory window? If this is not by Dirtt, please provide specification for the framing system, spacing of the vertical members, finish and detail connections to the conventional wall .Provide glass make up and finish, so they can be price by glass manufacturers</p>	The clerestory windows are part of the DIRT system

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264.	Amendments #2 and #6 say to use DC2008003 9/5/2008 wage scale. The most recent DC wage scale is DC2008003 9/19/2008 which has higher wages for cement masons and pipefitters. We wanted to clarify that we are to use the earlier wage scale	DC Wage Scale – DC080003 (dated 11/07/2008) shall be used for this project.
265.	Reference: Drawing A617 Elevation #1 & 2, Spec 088010 Elevation #1 & #2 on A617 shows a storefront system for level 2 to 6 conference rooms. Glass types are conflicting, Doors with type GL-10, Walls are type GL-2 & GL-12, finish note 2 indicates GL-10. Is this storefront to be furnished by Dirtt demountable partition since the glass type noted are by Dirtt or by Glass & Glazing subcontractors? Please provide correct type of glass and make up of the glass. If the storefront is by the Glass & Glazing subcontractor, please provide glass type and description and make up of the glass so they can be priced by glass manufacturer	The doors are GL-10. The walls are GL-12, not GL-2 (typo error). The glazing shall match the Dirtt glazing. They are not located adjacent, so an exact match is not required. The A/E will approve during the construction submittals process.
266.	Reference: Detail 1/A721, 1/A722, 1/A723, 1&6/A771 Please confirm if the aluminum bent plate and aluminum extrusions have the same finish.	They have the same finish.
267.	Reference: Door Schedule section 087110 Door schedule indicate sliding doors with door material aluminum/wood and aluminum frame. There is no specification for these types of doors. There is no head, jamb and sill details. Please provide.	The doors are solid wood, the frames are hollow metal. Refer to revised door schedule in Spec section 087110 and revised Dwg. A-964 issued as part of this Amendment (No. 08).
268.	Reference: Door Schedule section 087110 Revised door schedule section 087110 issued with amendment #6 shows woods and closet doors as 1 ½" thick door and was not revised per the answer #121. Answer to question #121 per attachment "A" on amendment #6 indicate all doors shall be 1 ¾" thick per specification. Please re-issue revised door schedule 087110 to avoid confusion.	All 1 ½" doors shall be 1 ¾". Dimensions of doors other than 1 ½" and 1 ¾" are still applicable. Refer to revised door schedule issued as part of this Amendment (No. 08).

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269.	<p>Reference: Door Schedule section 087110</p> <p>Door schedule 087110 indicates aluminum/glass door with aluminum frame, sliding aluminum/wood door with aluminum frame, wood folding doors with aluminum frames. There is no specification section for these interior doors and aluminum frames. Please provide.</p>	Refer to Section 084229 – Automatic Entrances
270.	<p>The following fixtures do not have a definition in specification section 123555:</p> <p>AR-2, CO2-2, LN-2, MC-2, NG-5, NC-10, and SG-10</p>	Follow the specification as the Specification only lists the fixtures that are needed per the plans.
271.	<p>Reference: Multiple RFI's (RFI numbers corresponds to the Offeror's question)</p> <p>RFI #68 – What type of material should the gas vent piping be run in? Per specification section "226313", they mention nothing about the vent piping. All of the lab gasses like NC, He, Hydrogen etc.; have vent that run through the roof to atmosphere incase they need to dump the system.</p> <p>RFI #69 – Are the specialty gas "SG" manifolds to be similar to the Hydrogen manifolds? The drawing "P809" has a detail #2 that lumps the "SG" gas with detail #2. This conflicts with the specification section "226313-2.10-A&B", in which the "SG" is lumped in with the Hydrogen. The hydrogen changeover shown on detail #3 on drawing "P809" is a very complex and expensive system which adds detection, shutdown control and electro pneumatic interface.</p> <p>RFI #70 – Please confirm that the "Hydrogen" gas manifold along with alarm and controls per detail #3 on drawing "P809" will be installed into a gas cabinet "VSC" provided by the casework division? Please be advised that this will not be a simple field coordination issue. There is a lot of coordination that needs to be considered. There will be the need to install the manifold into the cabinet, make penetrations, run tubing,</p>	<p>#68 - Specifications Section 226313 Para. 2.1 H is inserted to Read:</p> <p>"2.1.H. Rigid copper pipe for laboratory gas regulator vent and vent piping through stacks on roof and to termination above top of stack: ASTM B 819, Type L, seamless, drawn temper that has been manufactured cleaned, purged, and sealed according to CGA G-4.1 for oxygen service. Copper Fittings: Manufactured cleaned, purged, & bagged for oxygen service to CGA G-4.1.</p> <ol style="list-style-type: none"> 1. Wrought-Copper Fittings: ASME B16.22, solder-joint pressure type or MSS SP-73, with dimensions for brazed joints. 2. Copper Unions: ASME B16.22 or MSS SP-123, wrought copper or cast-copper alloy." <p>#69 – In Specifications Section 226313, replace Para. 2.10 B and 2.10 C to read as follow:</p> <p>"2.10.B: Manifold for Hydrogen. 2.10.C: Manifold for Argon, Helium, Nitrogen and Specialty Gas."</p> <p>#70 - Affirmative. "Hydrogen" gas manifold with alarm and controls as shown in Detail 3 on Drawing "P809" shall be installed by Plumbing Trade under Plumbing Division 22 into gas cabinet "VSC" provided by Casework Division.</p> <p>#71 - Valve Cabinets scheduled on Drawing "P-601" have one Air valve, with other valves that include one Vacuum valve and water valves in same cabinet. There are no gas valves in Valve cabinets. Sweating of valves near gas valves is not an issue.</p>

ANSWERS TO OFFERORS QUESTIONS

	<p>run electrical conduit, pneumatic lines, gas detectors and shutdown controllers will need to be integrated into the cabinet. Each system must be tested and certified. All this is much easier to do in the factory as a turnkey operation.</p> <p>RFI #71 – Please confirm that valve cabinets scheduled on drawing "P-601" are to have both gas valves and water valves installed in the same cabinet? We and some valve box manufacturers are concerned about sweating valves near gas valves.</p>	
272.	<p>The specifications indicate the District will be responsible for the material testing for the project. Will the District retain the services of a testing firm directly?</p>	<p>Material testing is not part of this solicitation. The District procured and included material testing under the CM contract SOW (Jacobs Engineering).</p>
273.	<p>1. PT-10 is shown in the finish plans but is not called out in the finish legend. What is PT-10 and what is the extent of this finish?</p> <p>2. On drawing A974 CPT-3 is still shown in the restrooms. Is carpet the desired material in the restrooms on the first floor?</p>	<p>1. PT-10 shown on the Finish Plans should be P-10 for the walls. Extent is indicated on the Finish Plans.</p> <p>2. Restroom floor finish should be PT-4. See Room Finish Schedule on A924.</p>
274.	<p>Specification Section 048510, 1.6, D, c states "Dead load supports for stacked stone panels shall not exceed floor-to-floor height." I interpret Section "c" as stating that the dead load of one pieces or several pieces can be transferred to the piece below provided this dead load transfer does not exceed floor-to-floor height.</p> <p>However, section 048510, 1.6, D, d states "Handset stonework anchorage, shall be designed to carry dead load for each piece of stone." I interpret Section "d" as stating that each stone piece is to be individually anchored for wind and dead load. Therefore, the dead load of the piece or pieces cannot be transferred to the pieces below.</p> <p>Generally the independent loading stated in Section "d" results in an higher anchor and installation cost. Please confirm this interpretation or provide clarification.</p>	<p>The load for each stone is to be individually supported by the anchors. The metal framing back-up should be designed to accommodate this as well. There is no relieving angle or other support provided to pick up the dead load at each floor."</p>

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275.	<p>Reference: Door Schedule section 087110</p> <p>Door 1017a is listed as type G door on the schedule. Elevation 4/A613 indicates as an all glass door which is type S door. If door is type S, glass has to be ½" clear tempered instead of type G-11 as indicted. Please clarify.</p>	<p>Door 1017A should be Type S. Glazing shall match GL-11, ½" clear tempered glazing.</p>
276.	<p>Reference: Drawing A613 and section 088010</p> <p>Elevation 4/A613 indicates framing with glass type GL-10. Section 088010 and A922 calls GL-10 as ¼" clear tempered glass with acid etched pattern on #2 surface and manufacturer is Dirtt. Is this wall system to be part of the Dirtt demountable partition scope of work? If not, please furnish the etched pattern design so that the Glass & Glazing subcontractors can obtain pricing from glass suppliers.</p>	<p>Refer to response to 265</p>
277.	<p>Reference: Drawing A613 and Section 084113 & 084126</p> <p>Framing detailed on A613 is not available from manufacturers listed in section 084113 & 084126. Custom framing for this small quantity will be very expensive. Please provide manufacturer of the storefront system as detailed on A613 or confirm if manufacturer's standard storefront system is acceptable.</p>	<p>Provide custom framing as detailed.</p>
278.	<p>In Section 115300 Laboratory Equipment 2.13 Heavy Duty Storage Shelving</p> <p>A.1. Sizes 24" deep x 48" wide x 84" high. Is there a drawing for the shelving? What is the layout of the shelving? If not how many sections do you want? How many shelves per section? Is the shelving single faced or double faced? There is reference to E-017a, where can this be found?</p> <p>Same section under B.</p> <p>1. Type 1: 24" deep x 96" high x 60" long with adjustable</p>	<p>A.1 E-014a can be found in the QL drawings, mainly on QL454c, but may be spread throughout the QL series. There should be 4 shelves total including the bottom leaving approximately 18" in between each shelf.</p> <p>1. Item E-042a can be found in the QL drawings, mainly on QL453b, but may be spread throughout</p>

ANSWERS TO OFFERORS QUESTIONS

<p>shelves. Is there a drawing for the shelving? What is the layout of the shelving? If not how many sections do you want? How many shelves per section? Is the shelving single faced or double faced? There is a reference to E-042a, where can this be found?</p> <p>2. Type 2: 36" deep x 96" high x 60" long with adjustable shelves? Is there a drawing for the shelving? What is the layout of the shelving? If not how many sections do you want? How many shelves per section? Is the shelving single faced or double faced? There is reference to E-042b, where can this be found?</p> <p>3. Type 2: 48" deep x 96" high x 60" long with adjustable shelves. Is there a drawing for the shelving? What is the layout of the shelving? If not how many sections do you want? How many shelves per section? Is the shelving single faced or double faced? There is a reference to E-042c, where can this be found?</p> <p>Section 115300 Laboratory Equipment 2.8 Gun Rack Shelving System.</p> <p>1) Will they accept Spacesaver Universal Weapons Rack as an alternate?</p> <p>The following questions on Amendment 6 Issued November 12, 2008.</p> <p>Section 120600</p> <p>1) Furniture Spec Item P1 refers to industrial clip type shelving that is not structurally sound enough to be put on a mobile carriage. Spacesaver 4-post shelving is strong enough to be</p>	<p>the QL series. There should be 5 shelves total including the bottom leaving approximately 24" in between each shelf.</p> <p>2. Item E-042b can be found in the QL drawings. There should be 5 shelves total including the bottom leaving approximately 24" in between each shelf.</p> <p>Item E-042c can be found in the QL drawings. There should be 5 shelves total including the bottom leaving approximately 24" in between each shelf.</p> <p>Section 115300 Laboratory Equipment 2.8 Gun Rack Shelving System</p> <p>1) Spacesaver Universal Weapons Rack is NOT acceptable as an alternate.</p> <p>Section 120600</p> <p>1) Not acceptable</p>
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ANSWERS TO OFFERORS QUESTIONS

	<p>put on a mobile carriage and store files. Will this be acceptable?</p>																															
<p>279.</p>	<ol style="list-style-type: none"> 1. Wall type D shows insulation and calls for insulation where indicated on plans. However, it isn't indicated anywhere on the plans as to where this insulation is required. Please clarify. 2. Rooms #5028 and #6028 calls for ACT 2 on the finish schedule. ACT 2 is a 2x4 tile. The Reflected Ceiling Plan shows a 2x2 configuration. Please advise as to what type is required. 3. Conference rooms, from 3rd floor to 6th floor (eg. #3006, 3008, and 3010), shows lines depicting a stepped bulk head on the Reflected Ceiling Plan. Are they stepped bulk head or reveals? Please provide more sectional details. 4. Detail 2 on plan QL903 shows a 10" axiom. Where does this occur and what is the extent? 5. What is the typical ceiling edge reveal? Detail 1-A751 shows ½" reveal molding. Detail 2-A751, 1&2-A752 shows 1" reveal molding. Please advise. 6. What is the R-value of the exterior batt insulation in metal framing? What is the extent of this insulation? 	<ol style="list-style-type: none"> 1. Wall Type D is not used on this project, disregard. 2. Use ACT1 3. There is a stepped bulkhead and reveal. Refer to Detail 1 on Dwg. A-462, issued in Amendment #6. Also refer to Dwg. A-621 for sections and details. 3. Detail 2/QL903 does not apply. 5. 1" reveal 6. 3 ½" R-13, Refer to Dwgs. A-207E and A-207W for the extent of the extra batt insulation. 																														
<p>280.</p>	<p>Reference: Specification Sections 132100 – Environmental Rooms</p> <p>Specification section 132100 2.11 (A) (1) – States "System shall use type R134a refrigerant". Manufacturers recommend using R404A. Is this acceptable?</p>	<p>Some of the boxes are going to be 404a and some are going to be 134a. The manufacturer said that on the bigger boxes they wanted to use 134a.</p> <table border="1" data-bbox="953 1133 1455 1495"> <tr><td>-20C Freezer</td><td>1</td><td>404A</td></tr> <tr><td>-4C Cold Room</td><td>1</td><td>134a</td></tr> <tr><td>-20C Freezer</td><td>1</td><td>404A</td></tr> <tr><td>-20C freezer</td><td>1</td><td>404A</td></tr> <tr><td>-20C Freezer</td><td>1</td><td>404A</td></tr> <tr><td>-4C Cold Room</td><td>1</td><td>134a</td></tr> <tr><td>-4C Cold Room</td><td>1</td><td>134a</td></tr> <tr><td>-4C Cold Room</td><td>1</td><td>404A</td></tr> <tr><td>-20C Freezer</td><td>1</td><td>404A</td></tr> <tr><td>-4C Cold Room</td><td>1</td><td>134a</td></tr> </table>	-20C Freezer	1	404A	-4C Cold Room	1	134a	-20C Freezer	1	404A	-20C freezer	1	404A	-20C Freezer	1	404A	-4C Cold Room	1	134a	-4C Cold Room	1	134a	-4C Cold Room	1	404A	-20C Freezer	1	404A	-4C Cold Room	1	134a
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ANSWERS TO OFFERORS QUESTIONS

		4C Body Storage	1	134a	
		Isolated Body Storage	1	404A	
281.	<p>1. On page 14 of section 033000 in the specs #6 indicates corrosion inhibitor in all parking levels. Can you clarify if you want this included? If so, would you like us to include it only in the slabs (this is typical)? The drawings do not indicate this.</p> <p>2. A1/S704 does not exist. This detail is referenced on S203E along grid G. Please clarify.</p>	<p>1. Include the corrosion inhibitor only in the slabs. 2. Correct reference to read A/S704, not A1/S704.</p>			
282.	<p>Reference: Drawing A616, elevation 1</p> <p>Elevation 1 shows an accent glass wall panel with clear anodized aluminum frame. Glass type GL-4 is an insulated fritted glass unit, GL-14 is an accent glass panel. There is also no section detail of the frame. Please provide correct type of glass and provide frame detail.</p>	<p>Glazing type at this location shall be GL-14</p>			
283.	<p>1. Standard Provision Article 16.E specifies that "No compensation, other than authorized time extensions, will be allowed the contractor for protective measures, work interruptions, changes in construction sequence, changes in methods of handling excavation and drainage or changes in types of equipment used, made necessary by existing utilities, imprecise utility or vault information...."</p> <p>This provision conflicts with H.21 Underground Services which provides that costs in working around existing services will be the District's expense, which is proper to avoid having contractor guess at this unknown expense. This also conflicts with Standard provision Article 4 regarding differing site conditions. Please clarify.</p> <p>2. Spec Section 13200, article 1.9.A indicates that float time is not for exclusive benefit of either contractor or District, but then provides that "District may reserve or apportion float time according to the needs of the project."</p>	<p>1. There are no conflicts among the referenced Articles/Sections.</p> <p>To clarify the overall intent:</p> <ul style="list-style-type: none"> - Article 16.E must be considered in its entirety. - All utility work included and indicated on the construction documents are defined as "expressly stated in the Contract" Per Article 16.A. Such work shall be performed at Contractor's expense. - Article 16.E. (2nd parag) is only applicable for Utilities and Vaults encountered during construction and not expressly stated in the Contract. - Article 16.E (3rd parag.) applies to damages to utilities by the Contractor when such utilities are either expressly stated in the Contract or not expressly stated in the Contract. Such damages will be at Contractor's expense. - Article 16.E (last 4th parag.) – This applies when Contactor causes damages to existing utilities/vaults expressly stated or not expressly stated in the Contract. No time extensions will be granted for performance of Utilities/Vaults work when work is expressly stated in the Contract. For work not expressly stated in the Contract, and where the Contractor did not cause any damages to existing Utilities/Vaults, the Contractor can utilize Article 4 and Section H.21 to request equitable adjustment subject to District's review and approval. - Section H.21 applies to Active and Inactive or Abandoned underground services not shown or specified in the Contract. 			

ANSWERS TO OFFERORS QUESTIONS

	These provisions appear to be conflicting. Please clarify.	- The conflict between Article 4 and Section H.21 was addressed in Amendment No. 04, Q. #45 2. There is no conflict in the noted provisions as the Project owns the float, and therefore both statements are correct..
284.	Reference: Section 081416 & section 087110 Wood door specification indicates paint grade and anigre veneer doors. Door schedule does not provide information which is paint grade or anigre veneer doors. Please provide.	All wood doors have anigre veneer
285.	A. SUBJECT HVAC Warranties REFERENCE Specification Section 017870 / 1.5 / C PROBLEM: Specification Section 017870 / 1.5 / C Reinstatement of Warranty: When work covered by warranty ha failed and been corrected by replacement or rebuilding, reinstate warranty by written endorsement. Reinstated warranty: Equal to original warranty with equitable adjustment for depreciation. The cost to provide this warranty coverage can not be estimated due the variables involved, in addition we have contacted a number of equipment vendors and a majority is taking exception to this specification requirement. B. SUBJECT Plumbing Warranties REFERENCE Division 22-Plumbing PROBLEM: In general the plumbing specifications call for a fifteen (15) year warranty on various plumbing systems and equipment. The cost to provide this warranty coverage can not be estimated due the variables involved, in addition we have contacted a number of equipment vendors and a majority is taking exception to this specification requirement. Please advise how the owner is going to handle these spec sections that cannot be met?	A.) Warranties for HVAC systems and equipment provided, shall be as described in the HVAC specifications. This shall supersede the requirements of 017870/1.5/C. B.) Specifications Sections requiring extended warranties are revised to read: Section 220533 Para 1.1A.1: Warranty Period: 18 months from date of Final Completion. Section 223110 Para 1.12A: Equipment: Five years. Section 226119 Para 1.10a: Compressed Air Plant: 1) Receiver: Five years. 2) Compressors, Controls and Other Components: Five years. Section 226219 Para 1.10a: Vacuum Plant: 1) Receiver: Five years. 2) Pumps, Controls and Other Components: Five years. Section 226600 Para 1.11A: Equipment: Five years.
286.	1. Detail 2-A771 shows ½" X 5/8" SS reveal. Is this supposed to be drywall reveal or stainless steel? 2. Detail 1-A751 shows ½" reveal whilst detail 2-A751 shows	1. The reveals shall be ½" stainless steel. 2. The reveals shall be 1", painted to match adjacent ceilings.

ANSWERS TO OFFERORS QUESTIONS

	<p>1" reveal (shadow mold). What is the typical reveal? 3. Page A673 show typical 3/8" reveals on walls. The drawing calls for FRY REGLET snap in reveal. Page A611 shows also 3/8" reveal on walls. Are they all to be 3/8" snap in reveal? Also what type goes in the GYP ceilings as shown on the RCP? The specs named PITCON for the reveals. Please advise.</p>	<p>3. Ceiling reveal shall match wall reveal where they align.</p>
287.	<p>A. Please provide an equipment schedule for the water softener that feeds the boilers? B. Per detail "3M" on drawing "H-803", are roller hangers required on all Hydronic piping everywhere for pipe sizes 4" and up?</p>	<p>A. Water softener shall be as follows: Cleaver Brooks model 60-1 2 – 55 gallon chemical feed tanks Exchange capacity – max gr. 60,000, min gr. 40,000 Resin quantity – 2 cubic feet Continuous service flow – 16 gpm, pressure Drop – 10 psi Peak service flow – 24 gpm, pressure drop – 30 psi Backwash flow – 3gpm Salt Storage Capacity – 400 lbs. Complete skid mounted system, including Automatic Control Center, Automatic Self-Regulating Brine Injector, Flexi-trol Automatic Brine Maker, High Capacity Resin, automatic Self-Adjusting Backwash And Flush Controls, Non-Clogging Radial Strainers, Pre-wired and pre-piped, ASME Code tank construction. B. Yes, roller hangers are required on all HVAC piping 4" and above per the detail.</p>
288.	<p>Reference: Spec Section 04200 – Masonry Drawing A793 Details on drawing A793 indicate ground face cmu at waterproofing details. Based on elevations indicated (286.5), it appears these details are taken from another job. Please advise if there is ground face cmu. We cannot locate any.</p>	<p>There is no ground face cmu used on the project.</p>
289.	<p>1. The dimming control schedule on Dwg E608 for the Multipurpose Room South on the Ground Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E203E. a. Zone 01aa – schedule shows (4) RF5d, floor plan shows (6). b. Zone E01aa – schedule shows (4) RF5d, floor plan shows (7). c. Zone 02aa – schedule shows (32) AR2s, floor plan</p>	<p>1. Follow applicable floor plan for quantities of fixtures on dimming zone. 2. Follow applicable floor plan for quantities of fixtures on dimming zone. 3. Follow applicable floor plan for quantities of fixtures on dimming zone. 4. Follow applicable floor plan for quantities of fixtures on dimming zone. 5. Follow applicable floor plan for quantities of fixtures on dimming zone.</p>

ANSWERS TO OFFERORS QUESTIONS

<p>shows (32) RC10a.</p> <p>d. Zone 05aa – schedule shows (51) WF4d, floor plan shows no fixtures.</p> <p>e. Zone 10aa – schedule shows (1) RF5d, floor plan shows no fixtures.</p> <p>2. The dimming control schedule on Dwg E608 for the Multipurpose Room North on the Ground Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E203E.</p> <p>a. Zone 01ab – schedule shows (2) RF5d, floor plan shows (3).</p> <p>b. Zone E01ab – schedule shows (2) RF5d, floor plan shows (3).</p> <p>c. Zone 05ab – schedule shows (4) WF4d, floor plan shows no fixtures.</p> <p>d. Zone E08ab – schedule shows (22) SF6d, floor plan shows (1) row of 5.</p> <p>e. Zone 09ab – schedules shows (17) SF6d, floor plan shows no fixtures.</p> <p>3. The dimming control schedule on Dwg E608 for the Training Room on the Ground Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E203E.</p> <p>a. Zones 11b and 12b – schedule shows (5) RZ1d-12 for each, floor plan shows (5) rows of 3 RF1, noted as both Zone 11b and 12b.</p> <p>b. Zones 13b and 15b – schedule shows (13) RF4d for each, floor plan shows no fixtures.</p> <p>c. Zones 14b and 16b – schedule shows (21) RF4d for each, floor plan shows no fixtures.</p> <p>4. The dimming control schedule on Dwg E608 for the Conference Room on the Ground Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E203E.</p>	<p>6. Follow applicable floor plan for quantities of fixtures on dimming zone.</p> <p>7. Follow applicable floor plan for quantities of fixtures on dimming zone.</p> <p>8. Fixture is shown on Detail #7 on Dwg. A-631. Use Type SF7 (Lab Task Light)</p> <p>9. Dwg. E-702 schedules EMR-07 receptacles to circuit P2P21-17</p> <p>10. One (1) type PF1 to match the other Copy/Fax Rooms</p>
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ANSWERS TO OFFERORS QUESTIONS

<p>a. Zones 21b and 22b – schedule shows (3) RZ1d for each, floor plan shows (3) rows of 2 RF1, noted as both Zone 21b and 22b.</p> <p>b. Zones 23b and 25b – schedule shows (11) RF4d for each, floor plan shows no fixtures.</p> <p>c. Zones 24b and 26b – schedule shows (9) RF4d for each, floor plan shows no fixtures.</p> <p>5. The dimming control schedule on Dwg E608 for the Conference Rooms on the 2nd Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E204E.</p> <p>a. Zones 11b and 12b – schedule shows (2) RZ1d for each, floor plan shows (3) total, noted as both Zone 11b and 12b.</p> <p>b. Zones 13b, 14b, 15b, and 16b – schedule shows (11) RF4d for 13b and 15b and (9) RF4d for 14b and 16b, floor plan shows (2) total, noted as Zones 13b, 14b, 15b, and 16b.</p> <p>c. Zones 21b and 22b – schedule shows (4) RZ1d for each, floor plan shows (4) total, noted as both Zone 21b and 22b.</p> <p>d. Zones 23b, 24b, 25b, and 26b – schedule shows (15) RF4d for 23b and 25b and (9) RF4d for 24b and 26b, floor plan shows (2) total, noted as Zones 23b, 24b, 25b, and 26b.</p> <p>e. Zones 31b and 32b – schedule shows (4) RZ1d for each, floor plan shows (2) total, noted as both Zone 31b and 32b.</p> <p>f. Zones 33b, 34b, 35b, and 36b – schedule shows (7) RF4d for 33b and 35b and (9) RF4d for 34b and 36b, floor plan shows (2) total, noted as Zones 33b, 34b, 35b, and 36b.</p> <p>6. The dimming control schedule on Dwg E608 for the Conference Rooms on the 3rd Floor shows multiple fixture types and quantities that do not match with what appears on the floor plan, Dwg E205E. These conflicts also appear</p>	
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ANSWERS TO OFFERORS QUESTIONS

<p>on the 4th, 5th, and 6th Floors, Dwgs E206E, E207E, and E208E.</p> <ul style="list-style-type: none">a. Zones 11c and 12c – schedule shows (2) RZ1d for each, floor plan shows (3) rows of 2 RF4d, noted as both Zone 11c and 12c.b. Zones 13c, 14c, 15c, and 16c – schedule shows (11) RF4d for 13c and 15c and (9) RF4d for 14c and 16c, floor plan shows (1) RZ1d for each.c. Zones 21c and 22c – schedule shows (4) RZ1d for each, floor plan shows (4) rows of 2 RF4d, noted as both Zone 21c and 22c.d. Zones 23c, 24c, 25c, and 26c – schedule shows (15) RF4d for 23c and 25c and (9) RF4d for 24c and 26c, floor plan shows (1) RZ1d for each.e. Zones 31c and 32c – schedule shows (4) RZ1d for each, floor plan shows (2) rows of 2 RF4d, noted as both Zone 31c and 32c.f. Zones 33c, 34c, 35c, and 36c – schedule shows (7) RF4d for 33c and 35c and (9) RF4d for 34c and 36c, floor plan shows (1) RZ1d for each. <p>7. The dimming control schedule on Dwg E608 for the Reception Area on the 2nd Floor shows multiple dimming zones and fixture types and quantities that do not match with what appears on the floor plan, Dwg E204E. These conflicts also appear on the 3rd, 4th, 5th, and 6th Floors, Dwgs E205E, E206E, E207E, and E208E.</p> <ul style="list-style-type: none">a. Zone 41b – schedule shows (4) RZ1d, floor plan shows (2) RF1, noted as Zone 41e.b. Zone 42b – schedule shows (4) RZ1d, floor plan shows (2) RF1, noted as Zone 42e.c. Zone 43b – schedule shows (7) RF4d, floor plan shows no fixtures, only a notation for Zone 43e. <p>8. Note 14 on Dwg E201E mentions undercounter fixtures at the reception desk. Dwg E203 shows a switch for these fixtures, but no undercounter fixtures are shown on the</p>	
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ANSWERS TO OFFERORS QUESTIONS

	<p>floor plan. Please advise.</p> <p>9. Dwg E502 shows GFI receptacles in the elevator machine room with no circuit number. These receptacles are also shown with Note 5. Please advise the circuiting for these receptacles and also whether or not Note 5 is applicable.</p> <p>10. The Copy/Fax Room 3032 on Dwg E205E shows circuit notations, but no fixtures. Please advise.</p>	
290.	<p>Reference: Amendment #7, item #193, answer #2</p> <p>Answer #2, locate sub panels at level 2,3,4,5 & 6 above accessible ceiling near line 5. These sub panels measures approximately 30"W X 30"H X12"D and the door is about 30" X 30". It seems impractical to install and service these sub panels with the size they have at the ceiling and not located at the electrical room on each floor. Please advise.</p>	The panels shall be in the Storage Room off of the Elevator Vestibule near Stair #1
291.	<p>Reference: Amendment #7, item #193, answer #7</p> <p>Answer #7, did not provide location of the manual over-ride switches and maintenance switch on each floor. Please provide locations.</p>	There are (3) per floor. They are to be located in the respective zone they control on Columns G-3, G-5 & G-7.
292.	<p>Reference: Waltek Substitution Request</p> <p>See follow-up attachment for the curtain wall system (by Waltek) submitted previously as substitution request.</p>	Substitution Request for Walltek was previously rejected due incomplete submission. The test criteria, submitted later, does not meet the criteria referenced in the contract. Therefore the substitution request is not approved.
293.	<p>Amendment # 7 Question 148 – 18 asked where the antimicrobial coating is required for ductwork</p> <ol style="list-style-type: none"> 1. The answer that was given requires <u>ALL DUCTWORK</u> as indicated in specification "233113.2.3 E". <u>Paragraph E is aluminum ductwork.</u> There is no aluminum required for this project. 2. Please elaborate what materials get the coating. (Galvanized, Stainless Steel, Carbon Steel etc) and what specific systems require the coating. 3. Do all accessories within these systems get the coating also (volume dampers, fire dampers, turning vanes, etc) 	<ol style="list-style-type: none"> 1. Question #148-18, Amendment #07, included the wrong reference to Spec Section. Correct the reference to read "233113.2.3.F". 2. All ductwork to be coated per the requirements of Section 233113.2.3.F 3. No, only ductwork

Attachment B

Amendment No. 08 Attachment B:

The following is a list of the attached materials included with Amendment No. 08:

The files are posted electronically and can be viewed and downloaded from the link below:
[\(ftp://ForensicBid:OS3OfU5g@ftp.jacobs.com/\)](ftp://ForensicBid:OS3OfU5g@ftp.jacobs.com/)

A.) SPECIFICATIONS

Replace the following specification sections in their entirety with the attached specification sections **dated December 5, 2008**.

Number	Spec Section	Spec Section Title
1	08 71 10	DOOR SCHEDULE
2	13 21 00	ENVIRONMENTAL ROOMS

B.) DRAWINGS:

Replace the following drawings in their entirety with the attached drawings **dated December 5, 2008**.

Number	Drawing Number	Drawing Title
ARCHITECTURAL		
1	A205E	FLOOR PLAN – LEVEL 3 EAST
2	A206E	FLOOR PLAN – LEVEL 4 EAST
3	A964	DOOR DETAILS
MECHANICAL		
4	H405a	HVAC LEVEL 3 PART PLAN AREA A
5	H408b	HVAC LEVEL 6 & LOWER PENTHOUSE PART PLAN AREA B
6	H409b	HVAC UPPER PENTHOUSE PART PLAN AREA B
7	H409c	HVAC UPPER PENTHOUSE PART PLAN AREA C

C.) SKETCHES:

Insert the following new sketches **dated December 5, 2008**:

Number	Drawing Number	Sketch Date	Sketch Title
CIVIL			
1	CSK-1A	11-26-08	FIRE STATION GAS LINE RELOCATION
2	CSK-1B	11-26-08	FIRE STATION GAS LINE RELOCATION
3	CSK-2	12-2-08	LOD LINE COORDINATION
OTHER			
4	SKAV1	12-3-08	REVISED FLOOR BOX 7-14 DETAILS FOR WIREMOLD 6AT SERIES

D.) OTHER:

Reference the following supplementary Geotechnical information:

1. April 9, 2008 Correspondence from Froehling & Robertson
2. July 30, 2008 Correspondence from Froehling & Robertson

Attachment C

General Decision Number: DC080003 11/07/2008 DC3

Superseded General Decision Number: DC20070003

State: District of Columbia

Construction Type: Building

County: District of Columbia Statewide.

BUILDING CONSTRUCTION PROJECTS (Does not include single family homes and apartments up to and including 4 stories)

Modification Number	Publication Date
0	02/08/2008
1	04/18/2008
2	05/02/2008
3	05/09/2008
4	05/30/2008
5	06/06/2008
6	07/04/2008
7	07/18/2008
8	07/25/2008
9	08/15/2008
10	09/05/2008
11	09/12/2008
12	09/19/2008
13	11/07/2008

ASBE0024-001 10/01/2007

	Rates	Fringes
Asbestos Worker/Heat and Frost Insulator		
Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.....	\$ 27.88	13.88

ASBE0024-005 10/01/2007

	Rates	Fringes
Fire Stop Technician.....	\$ 22.95	6.39

Includes the application of materials or devices within or around penetrations and openings in all rated wall or floor assemblies, in order to prevent the passage of fire, smoke of other gases. The application includes all components involved in creating the rated barrier at perimeter slab edges and exterior cavities, the head of gypsum board or concrete walls, joints between rated wall or floor components, sealing of penetrating items and blank openings.

BRDC0001-001 05/04/2008

	Rates	Fringes
Bricklayer.....	\$ 26.20	6.77

CARP0132-006 05/01/2008

	Rates	Fringes
Carpenters (Including Drywall Hanging).....	\$ 25.37	6.55
Piledriver.....	\$ 23.87	7.10

ELEC0026-003 09/01/2008

	Rates	Fringes
Communication Technician.....	\$ 24.25	3%+6.87

SCOPE OF WORK: Includes low voltage construction, installation, maintenance and removal of teledata facilities (voice, data and video) including outside plant, telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, railroad communications, micro waves, VSAT, bypass, CATV, WAN (Wide area networks), LAN (Local area networks) and ISDN (Integrated systems digital network).

WORK EXCLUDED: The installation of computer systems in industrial applications such as assembly lines, robotics and computer controller manufacturing systems. The installation of conduit and/or raceways shall be installed by Inside Wiremen. On sites where there is no Inside Wireman employed, the Teledata Technician may install raceway or conduit not greater than 10 feet. Fire alarm work is excluded on all new construction sites or wherever the fire alarm system is installed in conduit. All HVAC control work.

* ELEC0026-016 11/03/2008

	Rates	Fringes
Electricians (Excluding Communication-Low Voltage Wiring).....	\$ 36.65	11.45+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Jr.'s Birthday, Inauguration Day, Memorial Day, Fourth of July, Labor Day, Veterans Day, Thanksgiving Day, the day after Thanksgiving and Christmas Day or days designated as legal holidays by the Federal Government.

ENGI0077-009 05/01/2008

	Rates	Fringes
Power equipment operators:		
Boom Trucks.....	\$ 27.57	7.17+a
Cranes (35 tons and above).. <td>28.74</td> <td>7.17+a</td>	28.74	7.17+a
Cranes (under 35 tons).....	\$ 28.28	7.17+a

Forklifts.....\$ 21.00 7.17+a
 Piledrivers.....\$ 28.28 7.17+a

a. PAID HOLIDAYS:

New Years Day, Inaugural Day, Decoration Day, Independence Day, Labor Day, Martin Luther King's Birthday, Veterans Day, Thanksgiving Day, Friday after Thanksgiving and Christmas Day.

b. PREMIUM PAY:

Tower cranes and cranes 100-ton and over to receive \$1.00 per hour premium over Group One.

 IRON0005-001 06/01/2008

	Rates	Fringes
Ironworkers:		
Structural, Ornamental and		
Chain Link Fence.....\$ 27.83		12.595

 IRON0201-003 05/01/2008

	Rates	Fringes
Ironworker (Reinforcing).....\$ 26.15		12.08

 LABO0657-001 06/01/2008

	Rates	Fringes
Laborer:Skilled.....\$ 19.57		4.68

FOOTNOTE: Potmen, power tool operator, small machine operator, concrete labor including concrete preparation, signalmen, laser beam operator, waterproofer, open caisson, test pit, underpinnig, pier hole and ditches, ladders and all work associated with lagging that is not expressly stated, strippers, operator of hand derricks, vibrator operators, pipe layers, or tile layers (tile laid on road construction projects ONLY), operators of jackhammer, paving breakers, spaders or any machine that does the same general type of work, scaffold builders, operators of towmasters, scootcretes, buggymobiles and other machines of similar character, operators of tampers and rammers and other machines that do the same general type of work, whether powered by air, electric or gasoline builders of trestle scaffolds over one tier high and sand blaster, power and chain saw operators used in clearing, installers of well points, wagon drill operators, acetylene burners and licensed powdermen.

 LABO0657-002 06/01/2008

	Rates	Fringes
Laborers:		
Mason Tenders, Brick.....\$ 14.65		4.68
Mortarmen, Scaffold		
Builders.....\$ 15.45		4.68

 MARB0002-002 05/01/2008

	Rates	Fringes
Marble & Stone Mason.....	\$ 32.00	12.07

INCLUDES pointing, caulking and cleaning of All types of masonry, brick, stone and cement structures; EXCEPT pointing, caulking and cleaning of exisiting masonry, brick, stone and cement (restoration work)

 MARB0003-001 05/01/2008

	Rates	Fringes
Mosaic & Terrazzo Worker, Tile Layer		
Marble Mason and Tile Layer..	\$ 25.01	8.82
Terrazzo Worker.....	\$ 25.76	8.82

 MARB0003-004 05/01/2008

	Rates	Fringes
Marble, Tile & Terrazzo Finisher.....	\$ 20.15	7.97

 PAIN0051-004 06/01/2008

	Rates	Fringes
Glaziers		
Contracts \$2 million and under.....	\$ 25.12	7.46
Contracts over \$2 million...	\$ 27.84	7.46

 PAIN0051-010 06/01/2008

	Rates	Fringes
Painters:		
Brush, Roller, Spray and Drywall Finisher.....	\$ 24.31	7.56

 PLAS0891-003 05/01/2008

	Rates	Fringes
Cement Mason/Concrete Finisher...	\$ 27.15	6.47

 PLUM0005-007 08/01/2008

	Rates	Fringes
Plumbers		
Apartment Buildings over 4 stories (except hotels).....	\$ 22.31	8.61+a
ALL Other Work.....	\$ 36.24	13.37+a

a. PAID HOLIDAYS: Labor Day, Veterans' Day, Thanksgiving Day and the day after Thanksgiving, Christmas Day, New Year's Day, Martin Luther King's Birthday, Memorial Day and the Fourth of July.

 PLUM0602-006 08/01/2008

	Rates	Fringes
Steamfitter, Refrigeration & Air Conditioning Mechanic (Including HVAC Pipe Work).....	\$ 35.12	14.47+a

a. PAID HOLIDAYS:

New Year's Day, Martin Luther King's Birthday, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day and the day after Thanksgiving Day and Christmas Day.

 SFDC0669-001 04/01/2008

	Rates	Fringes
Sprinkler Fitters.....	\$ 29.35	14.30

 SHEE0100-002 07/01/2008

	Rates	Fringes
Sheet Metal Worker (Including HVAC Duct Work).....	\$ 33.04	12.12

 SUDC2000-001 04/12/2000

	Rates	Fringes
ASBESTOS ABATEMENT WORKER (Removal from Floors, Ceilings, Walls and Mechanical Systems).....	\$ 10.60	
Laborer, Unskilled.....	\$ 11.83	2.23

Pointer, caulker and cleaner INCLUDES pointing, caulking and cleaning of existing masonry, brick, stone and cement structures (restoration work); EXCLUDES pointing, caulking and cleaning of new or replacement masonry, brick, stone and cement.....	\$ 20.00	
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 WELDERS - Receive rate prescribed for craft performing
 operation to which welding is incidental.
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Unlisted classifications needed for work not included within

the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative

Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION