

**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

<p><b>Clark Caton Hintz</b> 400 Sullivan Way Trenton, NJ 08628 t: 609.883.8383 f: 609.883.4044</p>	<p><b>SINK COMBS DETHLEFS</b> 475 Lincoln Street, Ste 100 Denver, CO 80203 t: 303.308.0200 f: 303.308.0222</p>	<p>Date: <b>March 23, 2009</b> Project: <b>Collins Arena Renovation and Recreation Education Center</b> Number: <b>0828</b></p>
--	--	---

**Intent:**

This Addendum provides modifications and clarifications to the Construction Documents dated February 09, 2009. Bidder shall ascertain prior to submitting its Proposal that it has received all addenda issued, and shall acknowledge receipt of each addendum on the Proposal Form.

In the event of a conflict between the terms and provisions of this Addendum and the terms and provisions of the bidding documents, the terms and provisions of this Addendum shall control. In all other respects, the bidding documents shall remain unchanged and in full force and effect.

**Bidder Questions:**

**Frank C. Gibson**

2/17/09 RFI-2

Q: P5.1 detail 11 duplex sewage ejector. Please verify that concrete manhole basin, steel cover, access door, excavation and backfill will be by general contractor due to depth of basin. Plumber will furnish and install pump and floats.

A: *The General Contractor shall furnish and install the manhole (including excavation and backfill). The General Contractor shall furnish and install the pump, floats, and all associated piping.*

2/24/09 RFI-18

Q: P1. Plumbing fixture schedule note #1. The Ecos Sloan sensor dual flush is only available in battery operated. They do not make a hard wire dual flush valve. This note should be removed from the schedule. If they did make a hard wire dual flush, the electrician would have additional work and you would have to set up an alternate for this additional work.

A: *See Addendum 2.*

3/17/09 RFI-19

Q Plumbing P3.4 Addendum 2 detail of site plan of piping tunnel 1-M3.4. Please verify that the cold water line is 6" and not 4". Drawing P2.1.1 shows 4" pipe for domestic water service.

A *The Water service is 4" per P2.11 not 6". This will be corrected on the Addendum #3 drawings.*

**Tormee Construction**

3/4/09 RFI-9 Item 1

Q: Dwg. A2.22 please provide/clarify partition wall types in following rooms (typical): 201, Suite 204, 213, 214, 215, 241, & 242

A: - Suite 201: 51-F---A. *The head condition is unique as the studs terminate at the guardrail height of the a/v control room above*

- A/V 204: 51-F---A. *Refer to Suite 201 for "head condition".*

- *All interior partitions of rooms 210, 211, 212, 213, 214, 214A, 214B, 215, 215A, 215B and 216 shall be 40-C---U to 48" and 51-J-1-A from 48" to structure. Refer to 1/A8.20 for stacked partition wall. Plumbing walls holding toilets or urinals may be wall type 51-F-1-A.*

'- Break Room 241 shall have the following finishes:  
 N: This is an exterior 8" stud wall at Phase 1. Refer to 1/A3.33 for add'l info.  
 E: 51-F-1-A  
 S: 50-F-1-A  
 W: This is an exterior 8" stud wall at Phase 1. Refer to 1/A3.33 for add'l info.

'- Box Office 242 shall have the following finishes:  
 N: This is an exterior 8" stud wall at Phase 1. Refer to 1/A3.33 for add'l info.  
 E: Full height gyp. bd. on 7/8" furring  
 S: Full height gyp. bd. on 7/8" furring  
 W: 51-F-1-A

**Sun Electric**

2/19/09 RFI-1  
Item 1

Q: Is the Electrical Prime Contractor responsible in any capacity to furnish, install, and wire A/V system? The specifications say that the EC scope is covered via Divisions #1, 26, 27 & 28. The proposed A/V system does not seem to be covered via any of these specifications sections currently. These are A/V drawings as part of the bid package; however there does not seem to be a specification section at all for the proposed A/V system. Please definitively clarify who is responsible to furnish, install, and wire the proposed A/V system. As applicable, please provide complete & through specifications for the same.

A: *The Electrical Contractor shall furnish and install (including wire) the AV system*

2/19/09 RFI-1  
Item 2

Q: The Civil Drawings & Landscape Drawings depict there to be Site lighting. Drawing # L.02 depicts (2) different site Lighting fixture types (Type "A" & "B"). However, this same drawing only contains a picture/ part #/ specification for (1) specific fixture type-please advise. Two sets of Photometrics were provided and they are exactly the same-please advise.

A: *See Addendum 2.*

2/19/09 RFI-2  
Item 1

Q: There does not seem to be a Telecommunications (voice/data) specification in the bid documents. If this work in any capacity is to be included in the Electrical Prime Contract, please provide complete and through specifications, or advise to the contrary.

A: *The Electrical Contractor shall furnish and install (including wire) the telecommunication system*

2/23/09 RFI-3  
Item 1

Q: The light fixture schedule contains 2 different Fixture Types for Exit lights. Type X1 depicts an "Edge Lit" Exit Light; Type A2 depicts a "Universal" Exit Light. The drawings (Example: Drawing E3.11) depicts Type "X" next to an Exit Light symbol. Please advise what type on the schedule this proposed "X" fixture to be.

A: *All exit Lights shall be "X1" type.*

2/24/09 RFI-1 Item 1

Q: Drawing #E2.12 has a symbol which is a "GC" in a rectangle and has the work "clock" written immediately adjacent to it. This symbol can not be found in the legend and no specifications have been provided for and potential "clock" system. Please advise what this symbol is intended to represent. Likewise, please provide complete and through specifications as necessary and applicable.

A: *GC refers Game Clock. Ignore word "clock" adjacent to rectangle. Refer to GC symbol on E1.1. See drawings AV0.00 for additional information.*

**COLLINS ARENA RENOVATION AND  
RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

	RFI-1 Item 2	<p>Q: Drawing #E2.12 shows junction boxes located in bathrooms with circuit #s shown immediately adjacent to them. When you cross reference these circuit #s to their respective panels, they are labeled in the panels as "spare." Please advise what these J-boxes are for and provide circuitry info. (amperage # of pole, etc.) Example: Circuit #RP1-3 Cut 17.</p> <p>A: <i>J boxes are for hand dryers. Provide 2-#12 plus 1-#12 ground wiring at each location from panel to J-box. Add general note; Where electrical outlets are shown but not identified in the panel schedule, contractor shall provide conduit with 2-#12 and 1-#12 ground from outlet to panel.</i></p>
3/2/09	RFI-01	<p>Q: Regarding above referenced project please provide the following information: Released with addendum #1 was specification section 271000 "Structured Cabling." The specification sections starts on page #2. Please advise that the specification section is made up of 8 pages, starting on page #2 and ending on page #9.</p> <p>A: <i>Specification section 271000 is eight pages in length: starting on page 2 and ending on page 9. There is no page #1 to this specification.</i></p>
3/2/09	Item 1	<p>Q: please provide catalog #'s and specifications for proposed fixture Types F12 &amp; F19. These designations appear on the floor plans and in the Fixture Schedule. The fixture schedule refers you to the Architectural Drawings for details, however no details can be found on the Architectural Drawings.</p> <p>A: <i>Information for F19 was provided in Addendum #1. F12 was deleted</i></p>
3/4/09	Item 1	<p>Q: Civil drawing CE-6 shows a proposed new electric man hole, apparently for the purpose of splicing Medium Voltage Cable to feed new 100 KVA Pad Mount Transformer. This same proposed manhole is depicted as existing on drawing #E2.11. Please definitively clarify if this manhole is existing or is to be furnished and installed as part of this contract by the electrical prime.</p> <p>A: <i>Manhole is new. Existing high voltage service must get relocated to new manhole.</i></p>
	Item 2	<p>Q: Drawing E2.11 shows a feeder of (4) sets of 4-500 KCMIL conductors and (1) 4/0 ground along with (1) \$' spare conduit between existing 13.2 KVA manhole and the proposed new 1000 KVA Pad Mount Transformer. This feeder is not labeled as a 15 KVA feeder; I believe that this is the Medium Voltage side of the transformer. If this is intended to the 15 KVA feeder, it appears to be grossly oversized (1) set of #6 AWG 15KVA conductors would adequately feed this proposed 1000 KVA Transformer. Please advise.</p> <p>A: <i>See addendum 2</i></p>
<b>Wallace Contracting</b>		
	RFI-19	<p>Q: Please provide specification for material to refinish existing metal roof. (A2.30)</p> <p>A: <i>Specification 075750 is included in Addendum 03</i></p>
3/6/09	RFI-24	<p>Q: Sheet A3.22, elevation designations are incorrect. Please clarify. (see attached sheets)</p> <p>A: <i>Detail 6, reference at grid F is 3/A3.33, reference at grid C is 4/A3.33</i></p>
3/6/09	RFI 25	<p>Q Sheet A3.20, elevation designations 4/A3.30 is incorrect at end walls of barrel roof shown on 1/A3.20. (Which is incorrect also.) Please Clarify.(See Attached Sheet)</p> <p>A <i>Detail for the end walls of the vault over the gym is 3B/A3.30</i></p>

**COLLINS ARENA RENOVATION AND  
RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

3/13/09	RFI 28	Q	Regarding the evergreen trees in which the arch. has listed by caliper, normally nurseries grade evergreen trees by height. I would like clarification, especially regarding the Ilex opaca (which are normally very expensive trees in larger sizes). Following is a list of all items in question: 72-Ilex opaca, 3/3.5" caliper 12-Juniper v. Emerald Sential, 3/3.5" cal 10-Pinus strobus, 3/3.5" cal
		A	<i>See Addendum 3.</i>
3/17/09	RFI 32	Q	A2.02 regarding Addendum #2 revised drawing; clouded area illustrating center of existing gymnasium has text superimposed over each other which is illegible. Please Clarify.
		A	<i>The note reads "Existing Ceiling Cloud To Remain"</i>
3/17/09	RFI 33	Q	M3.4 regarding Addendum #2 revised drawings; what is the wall thickness of the piping tunnel? What is the PSI of the concrete of the tunnel? Who is responsible for what's depicted supporting the piping? Please clarify.
		A	<i>Tunnel design shall meet the NJ DOT requirements (attached). Pipe supports are by Prime Contractor installing piping.</i>
3/18/09	RFI 34	Q	A 9.80 regarding addendum #2 revised drawings; please indicate rolling grilles and counter shutter placement. Not indicated on drawings. Please clarify.
		A	OH doors 221-1, 221-2, 223-1 and 223-2 shall be between-jamb mounted. All others shall be face mounted.
3/19/09	RFI 37	Q	Sheet A2.11, there is a section through exterior wall of Women 181. This is section 3/A3.30, which does not exist on sheet A3.30. Please clarify.
		A	<i>The referenced wall section is shown on 3/A3.31</i>
3/19/09	RFI 38	Q	Sheet A3.21 wall section identified as X/AX.XX. This in question wall between Hall 200B and Restroom 224 shown on building section 3/A3.21. Please Clarify.
		A	<i>Referenced wall section is not included</i>
3/19/09	RFI 39	Q	Sheet A7.20, detail 10 Stair Detail @ intermediate landing and detail 4 Stair Detail @ Landing. This detail seems to be in conflict with details 12 & 17 of sheet A7.20. It's unclear as to the location of details 4 & 10. Please clarify.
		A	<i>Details 12 and 17 refer to the Main Lobby stair Details 4 and 10 refer to the Service stair (202)</i>
<b>Wallace Contracting (The MacKenzie Group)</b>			
3/17/09	RFI 30 Item 1	Q	Sheet A3.10 East elevation window labeled C not on schedule. Please provide elevations and dimensions.
		A	<i>Overall vertical dim shown on sheet A3.10, horz. dim. shown on A2.21. Head: 7/A9.95, Sill: 3/A9.95, Jamb: 13/A9.95</i>
	RFI 30 Item 2	Q	Does this same window have small return lites on each end?
		A	<i>Yes, refer to A2.21 for dim.</i>
	RFI 30 Item 3	Q	Curtainwalls G and G2 are detailed as storefront. Which are they? Is there any horizontal steel to tie back to or does it run full span?
		A	<i>Frames G and G2 are storefront. Refer to 2/A3.34 for support steel.</i>

	RFI 30 Item 4	Q What is detail at 4" horizontal at windows D, D2 and E? A <i>Frame types D1, D2 and E shall have horizontal steel per 5/A9.95 where 3 &amp; 4/A9.90 show 4".</i>
	RFI 30 Item 5	Q Borrowed lites and sidelites are shown in different configurations for the same areas on A5.23 and A5.24-Faculty 251 and Fitness 252. A <i>A5.23 is correct for the referenced window elevations</i>
	RFI 30 Item 6	Q Provide schedule for all interior borrowed lites and sidelites. Interior elevations don't match schedule and details. A <i>Unless otherwise indicated in this Addendum, interior lites shall be as depicted in the interior elevations.</i>
	RFI 30 Item 7	Q Frame type and glass type for butt glazed window-Lobby 240 sheet A5.22 A <i>Hollow metal frame, tempered glazing.</i>
	RFI 30 Item 8	Q Aluminum doors detailed as regular doors. Specs call for thermal construction. Which is it? A <i>All exterior aluminum doors shall be "thermal construction". Interior aluminum doors shall be "non-thermal construction"</i>
	RFI 30 Item 9	Q Are aluminum doors medium or wide style? A <i>Medium Style</i>
	RFI 30 Item 10	Q Color for aluminum anodized finish? Pricing varies for different colors A <i>Medium bronze (match existing Collins entry frames)</i>
	RFI 30 Item 11	Q IS all interior borrowed lite and door glazing to be 1/4" clear tempered? A <i>Yes</i>
	RFI 30 Item 12	Q Where is decorative glass specified in 088113? A <i>Vestibules 255A and 256A</i>
	RFI 30 Item 13	Q Where does detail 5 (8?) on A9.95 occur? A <i>Detail 5/A9.95 occurs at frame types D1, D2, G and G2</i>
	RFI 30 Item 14	Q Is there a spec and details for transaction windows? A <i>Refer to sheet A5.52</i>
3/17/09	RFI 31	Q What does the number 29 in a circle represent on A5.21 Entry Lobby walls? Is all of this mirror or something else? A <i>Equipment tag item 29 is not required at the entry lobby.</i>
<b>Circle-A Construction</b>		
	RFI-2 Item 4	Q: Section 08710-Missing hardware set 27: A: <i>Revise the following from Set #27 to: Door 132 - set 13 Door 216 - set 15 Door 254-1 - set 15 Door 254-2 - set 13</i>
		Q: Hollow metal frame elevation types 12, 13, 14,15 are not shown on sheet A9.80 A: <i>Refer to Interior elevations for frames</i>

- Q: 100J (or 1000)-Door schedule shows no frame type.  
A: *Frame type F1*
- Q: Door 253A-No hardware set # scheduled.  
A: *Set #12*
- Q: Doors 125A and 198-Doors schedule specifies a pair of doors, floor plan specifies a single door.  
A: *Doors 125A and 198 are single doors*
- Q: Door 191A-1-Door shown on floor plan but not listed on door schedule.  
A: *Door 191A-1 shall be provided with same requirements as door 191-1*
- Q: Doors 222 and 223A-Door schedule specifies 5'0 width, floor plan specifies 3'0 width.  
A: *Both shall be 36" doors*
- Q: Doors 121-1, 122,123 are all specified with aluminum framing. Are the 2 borrowed Lite frames in rooms 121 also aluminum or hollow metal?  
A: *The 2 lites in room 121 are aluminum. In addition, door 120 has a side lite, full height of door framing and 24" wide. Door 122 has an aluminum borrowed lite that is 72" wide x full height of door.*
- Q: Door 225-1-Door schedule specifies frame type 1, floor plan shows sidelite frame.  
A: *Door 225-1 shall have a full-height side lite, 24" wide*
- Q: Door 250-1-Frame elevation on sheet A5.22 does not match frame type 11 on the door schedule sheet.  
A: *Frame type 11 is correct.*

**Circle-A Construction (Irwin Telescopic Seating)**

- RFI-001 Q: Do you want padded seats?  
item 8 A: *Suite 201 shall have 12 padded seats and backs*

**Benjamin R. Harvey CO., Inc**  
2/25/09 RFI-1

- Q: Article 11.1.2F of the modified AIA A101 General Conditions, pg. 61, specifies that the OCP policy must remain in effect at least two (2) years after the work has been completed. Per our insurer, this is a problem because "coverage ceases when the project is put to its intended use..." (I.e. the intended use is when the building renovations are completed, or when the building is occupied and utilized.)  
A: *Article 11.1.2F is amended to read "until final completion of the Work"*

- 3/20/09 RFI Item 1 Q Hydro therapy room 122-detail 3 on A5.12 north elevation, what are the lines in that detail suppose to represent?  
A *Disregard the referenced line-work*
- RFI Item 2 Q Drwg. A3.10-East elevation No. 1, type C window is completely different than the type C window shown on the window elevation page A9.90. Please clarify.  
A *Type C window on A9.90 is accurate for the north wall of vestibule 200A. Refer to response to Wallace (MacKenzie) RFI #30, Item 1 for east wall of Fitness 250.*

**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

	RFI Item 3	Q	Drwg. A2.11-Visitors Locker Room, 160 & 165 shows an elevation reference of 7 on 5.11, there is only 6 elevations on that page. I believe it should be 5 on 5.11. Please clarify.
		A	<i>Correct. Rooms 160 and 165 are represented by 5/A5.11</i>
	RFI Item 4	Q	Spec section 311000.1.1B references a report by Melick-Tully as does 312200.1.1A, 312200.1.4A, say that Melick-Tully report will be made available. Can we get that report?
		A	<i>The soils report is included in Addendum 03</i>
<b>August Arace &amp; Sons, Inc.</b>			
2/27/09	RFI-1 Item 1	Q:	Bid Form 2: Bid-Does not indicate which Bid No. the contractor is bidding-is this correct?
		A:	<i>A new bid form is included in this Addendum. It is generic bid form to be used by all trades although it has blanks for alternate pricing where the College expects a value. It is up to the bidder to indicate which contract they are bidding on.</i>
	RFI-1 Item 2	Q:	Alternate 1: Is the demolition and repair of the existing plaster ceiling and masonry wall by Bid No. 09-37 or Bid No. 09-40?
		A:	<i>Bid # 09-37, General Contractor</i>
	RFI-1 Item 3	Q:	Demolition-at the pre-bid meeting it was noted that Bid No. 09-40 is to cut, cap and drop only. The removal of the demo material was to be by others. Please confirm
		A:	<i>General Contractor shall be responsible for cutting, removal and patching of existing surfaces.</i>
	RFI-1 Item 4	Q:	Dwg. M3.4 indicates the piping installed in a new precast concrete pipe tunnel. Dwg. CE-6 appears to show buried piping. Which is correct? If tunnel, who furnishes?
		A:	<i>M3.4 is correct. Tunnel is to be provided by GC.</i>
	RFI-1 Item 5	Q:	Dwg. MD 2.12 keynotes 5 & 6-Need approx. length of piping to be removed.
		A:	<i>Refer to the HVAC demo drawings for length of piping in Arena (shown as heavy dashed lines) - add an addition 30% for piping in the tunnel and not shown on demo plans. Note that the HW and CHW mains from the exit of the tunnel to the entrance of the building will be abandoned in place and do not need to be removed.</i>
3/4/09	RFI-2 Item 1	Q:	Addendum No. 1: Sign-in sheet is for the auto tech building. Please provide sign-in sheet for the Collins Arena renovation and campus recreation education center.
		A:	<i>The Arena contractor sign-in sheets from the Arena mandatory pre-bid meetings on 2/17/09 and 3/6/09 are included in the addendum.</i>
3/16/09	RFI Item 1	Q	Due to the number of changes, we request a minimum of Two (2) week bid extension. Most of our subs and equipment suppliers have already reviewed this project and must be contacted to revisit the new drawings and Specifications.
		A	<i>See Addendum 3</i>
	RFI Item 2	Q	Did not receive revised Dwg. M3.5 as noted on page 19 of 20. Please advise.
		A	<i>M3.5 was not issued as part of Addendum #2. Ignore this drawing reference.</i>

**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

	RFI Item 3	Q	August Arace & Sons Inc RFI-1 Item 3-Answer does not state that the removal of demo material (piping, ducts, equipments, etc) will be removed by others after cut, cap & drop by the mechanical contractor. Please advise.
		A	<i>Removal of demo material after Plumber/HVAC cut cap and drop is by GC</i>
<b>Air Con, Inc.</b>			
	RFI Item 2	Q	I do not see my name on the Bidder's list. Is there any pages missing?
		A	
3/17/09	RFI	Q	MP2.21 P and MP2.22P shows ALT #7 but new bid form has no space for the alternate. Please Advise.
		A	<i>On the bid sheet, A-7 refers to all contractors. The "A" designation indicates that all contractors are to provide a price for Alt 7.</i>
3/17/09	RFI	Q	Is there M3.5 addendum #2 Dwg? (The Bid form shows M3.5) It is not in CD we received.
		A	<i>M3.5 was not issued as part of Addendum #2. Ignore this drawing reference.</i>
<b>Preferred Mechanical</b>			
2/23/09	RFI-2	Q:	Drawing M3.4 and M3.5 show site hot water and chilled water piping running through a new precast 6'x6' utility tunnel from the existing tunnel to the new addition. Dwg. P2.11 also indicates that the new fire line and domestic water service also run in this tunnel. Specification section 336113 is a specification for buried double wall chilled water and heated hot water piping.
		A:	<i>Specification section 336113 has been deleted. See addendum 3 for tunnel details.</i>
	RFI-2 Item 3	Q:	If a precast tunnel is required, please provide: A) detail of precast tunnel construction. B) Detail of joints between precast sections. C). Details of tie-in to the building addition and existing utility tunnel to make a watertight installation.
		A:	<i>General tunnel information is included in this Addendum. Design shall comply with the NJ DOT requirements (attached).</i>
<b>Sodon's Electric, Inc</b>			
3/19/09	RFI 2 Item 1	Q	Addendum #2 Page 15 of 20-RFI #1 Item #11B-If electrical contractor shall furnish and install heat trace could you identify the run's where heat trace should be installed.
		A	<i>Heat trace information will be provided in Addendum #3 Electrical drawings.</i>
	RFI 2 Item 2	Q	Due to the complexity of Addendum #2-Electrical Revision-we would request that an extension of time be given. There are numerous vendors involved that have to be informed of these changes and maintaining the current due date will not allow adequate time to provide a competitive bid.
		A	<i>See Addendum 3.</i>
3/16/09	RFI 3	Q	Please provide details on how the new fire alarm system shall tie into the existing campus backbone. Will an additional fiber cable be required or tie into existing? Provide locations or distance of termination points.
		A	<i>Information for the fire alarm backbone and tie in will be indicated in Addendum #3</i>

**COLLINS ARENA RENOVATION AND  
RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

3/16/09	RFI 4	<p>Q Addendum #2 page 5 of 20, Dated March 4th, 2009-RFI Item 1. This RFI appears twice on the page with 2 different answers. The question still remains: Is the manhole new or existing? (See Attached Copy)</p> <p>A <i>Refer to response indicating that the manhole is new. This is the appropriate response.</i></p>
3/17/09	RFI 5 Item 1	<p>Primary Service/Duct Bank-Sheets CE-3, CE-6 and E4.1. The following questions/clarifications came up during a conversation with Joe Sole from Electrical Maintenance (BCC Facility Electrician).</p> <p>Q: a. As described by Electrical Maintenance Inc-The new primary should tie into switch #7 via manhole #7, not manhole #8 as indicated on sheet CE-6.</p> <p>A <i>New primary shall come from Manhole # 7. Refer to Bulletin #2 Electrical drawings</i></p> <p>Q: b. Comparing sheet CE-3 with sheet CE-6 it appears the intent is to relocate the primary duct bank between manhole #7 and manhole #8. It appears this is being done to avoid conflict with the new addition and the new tunnel construction. If the primary is to be relocated the existing manhole #8 would have to be removed and replaced with new. The primary conductors would also have to be replaced from manhole #7 to manhole #9 by the automotive Tech. building.</p> <p>A <i>See Addendum 3.</i></p> <p>Q: c. Please confirm if the existing primary duct back is concrete encased and if the new installation shall include concrete encasement.</p> <p>A <i>New primary shall be in ductbank. Refer to Addendum #2 Electrical drawings.</i></p> <p>Q: d. How much dirt fill will be on the topside of the tunnel and will it allow adequate depth for the relocated primary duct bank.</p> <p>A <i>The approximate amount of fill above the tunnel will be between 3' and 4'</i></p> <p>Q: e. If the primary is to be relocated and is the responsibility of this contract, please provide when the shutdown can take place and the shutdown procedure to isolate this section.</p> <p>A <i>Coordinate and develop a safe shutdown procedure as part of a pre-installation meeting between Brookdale Community College, Construction Manager and affected prime contractors.</i></p>
3/18/09	RFI 6 Item 1	<p>Q There appears to be more smoke duct detectors on the mechanical drawings than the fire alarm drawings. Pleas confirm what should be done with this discrepancy.</p> <p>A <i>All fire alarm devices including duct detectors are to be addressable and provided and installed by the fire alarm contractor (or electrical contractor). Drawing E7.3 - Fire Alarm Notes #2 and #3 directs the contractor to the Fire Protection and the HVAC drawings for additional device that are not indicated on the Electrical drawings.</i></p>
	RFI 6 Item 2	<p>Q The mechanical drawings also indicate fire dampers. Should there dampers be tied into the fire alarm system?</p> <p>A <i>Yes, Refer to E7.3 typical fire alarm wiring details for wiring requirements and other additional requirements (such as remote test and indicating switches) to be performed by the Fire Alarm Contractor (Electrical Contractor).</i></p>

**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03 Bidder Questions**

3/18/09	RFI 7	Q	HVAC and Plumbing Equipment Power Wiring-the electrical drawings only indicate a few pieces of HVAC equipment specifically on the roof. Will a future addendum identify this equipment on the electrical drawings?
		A	<i>The Electrical E 200 series power drawing in the "POWER PLAN NOTES" direct the contractor to refer to the HVAC, Plumbing and FP drawings for equipment locations. Future addendum will not identify this equipment on the electrical drawings</i>
<b>Brockwell &amp; Carrington (Educational &amp; Laboratory Systems)</b>			
3/4/09	RFI-1 Item 1	Q:	Material indicated "TS-61; SS-1 thru SS-4; PL-1 thru PL-5."
		A:	<i>It is unclear what question is being asked.</i>
	RFI-1 Item 2	Q:	Det. 17 & 18 @ A-5.50 (not found on floor plan)
		A:	<i>Details 17 &amp; 18/A5.50 are not used</i>
	RFI-Item 3	Q:	On floor plans-shown casework in rooms 237 & 241 (no details given)
		A:	<i>Room 237 - provide 14 L.F. continuous upper and lower cabinets. For lowers, provide 36" of 1/A5.50, 36" of 2/A5.50, 36" of 4/A5.50 and the remainder as 3/A5.50. Room 241 - provide 10 L.F. continuous upper and lower cabinets. For lowers, provide 36" of 1/A5.50, 20" of 4/A5.50, 32" of 2/A5.50 and the remainder as open below work surface for under-counter refrigerator (nic).</i>
<b>Brockwell &amp; Carrington (Able Rolling Steel Door, Inc.)</b>			
	RFI-1 Item 3	Q:	Head details # 17/A9.12 and 11/A9.83 both show a coiling door coiling above a finished ceiling. Which doors do these details apply too? Please provide architectural door number.
		A:	<i>Detail 17/A9.12 is not used. Detail 13/A9.83 applies to #242-2, Detail 11/A9.83 applies to #185-7, Detail 12/A9.83 applies to the remainder</i>
	RFI-1 Item 4	Q:	Questions relating to architectural specifications-section 083323: A) Reference is made to "integral frame counter doors" section 2.2. I did not see on the architectural drawings where this type of unit is required (based upon jamb details provided on drawing A9.83). Please identify which units would require an integral frame and what the corresponding wall thickness is at each of those openings.
		A:	<i>Integral frame counter doors are not used.</i>
<b>HBC</b>			
3/18/09	RFI Item 1	Q	Addendum #2, Answer to August Arace RFI-1 items 2 & 3 is conflicting with HBC RFI-1 Item 2 answer. Other than sawcutting and replacing concrete slab where underground plumbing and electrical shall be installed (which was clarified to be by GC in the earlier addendum), please clearly identify if GC is responsible for any other cut-patch work at existing surface due to MEP primes' work. IS GC to cut and patch openings in plaster ceilings, walls and roof? We recommend every prime be responsible for cutting and patching existing surfaces for their respective work, or an allowance to be set for this work since GC will not be able to accurately estimate how much cutting and patching will be performed for each trade.
		A	<i>Agreed. Cut and Patch by Prime Contractor requiring same.</i>

**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03 Bidder Questions**

RFI Item 2	<p>Q Drawing A6.22 shows 'existing plaster ceiling-paint' over running track, also shows '9-0" plstr' ceiling symbol. Please clarify how much of this running track ceiling is new plaster and how much is existing plaster to remain.</p> <p>A <i>The new plaster ceiling is approximately 1200 SF near the main entry (where the existing wood ceiling is removed). New plaster is also required where access is cut into ceiling for sprinkler installation (re: A2.02). Plaster light cove per (3/A9.13) is req'd per A6.22. Include an additional 20 L.F. of cove plastering to repair damaged area throughout running track.</i></p>
RFI Item 3	<p>Q Addendums 1 &amp; 2 state Division 33 is by GC. Please confirm section 336113 for Hydronic piping division 22 is to be by HVAC contractor.</p> <p>A <i>Hydronic piping shall be by Mech Prime</i></p>
RFI Item 4	<p>Q Addendum 1 Frank Gibson Rfl-2 is answered in Addendum 2 stating sewage ejector basin-covers -exc-bfill-dewater by GC. Please clarify whether pumps-floats-plumbing work in the basin to be by GC or PC</p> <p>A <i>Pumps-floats-plumbing work in the basin to be by Plumbing Prime. Revised in Addendum 3 to be provided by General contractor.</i></p>
<b>Paul Otto Building CO.</b>	
3/4/09 RFI-04 Item 1	<p>Q: On a4.13 rooms # 160 and 165 refer to elevations 7/A5.11. They do not exist on A5.11.</p> <p>A: <i>Room 160 and 165 are shown on 5/A5.51</i></p>
<b>Central Jersey Mechanical, Inc.</b>	
RFI-1 Item 2	<p>Q: On page 6 of the Bidding Requirements Paragraph B states, "The New Jersey Public Works Contractor Registration Act, which requires that the bidder and all named subcontractors be registered at the time of the bid." Based on the bid documents the Prime Plumbing Bidder is not required to name any subcontractors. Because of this is the Plumbing Prime Bidder required to submit with his bid either the Public Works Registration Certificate, Bid form 5A: Subcontractor Certification or ANY OTHER paperwork for subcontractors that will be used for the completion of this project?</p> <p>A: <i>A contractor only needs to provide C238 and Business Registration Certificate if a sub-contractor in another listed prime trade(structural steel,plumbing,electrical,general trades,HVAC) is being used by the prime.</i></p>
RFI-1 Item 3	<p>Q Specification Section 015000.1.3D calls for the Plumbing Contractor to pay all sewage service use charges for sewage usage by all entities engaged in construction activities at the project site. Based on the review of the drawings it appears as though the GC will be providing self-contained temporary toilets and I do not see any other instance(s) where temporary sewers will be utilized during the course of this Project. Please clarify if the above noted information is correct and also if temporary sewage will be utilized please clarify the purpose and need for such usage.</p> <p>A: <i>Your assessment is correct,there are no temporary sewer connections needed.</i></p>
RFI-1 Item 4	<p>Q Specification Section 015000.1.2.D.1 calls for the Plumbing Contractor to provide piped temporary water service. Please clarify if temporary water is to be provided in the building work areas only or if temporary water will also be required at the construction trailers.</p> <p>A: <i>Temporary plumbing will not be required to the construction trailers. Temporary water within the building areas only.</i></p>

**COLLINS ARENA RENOVATION AND  
RECREATION EDUCATION CENTER**

**ADDENDUM 03  
Bidder Questions**

RFI-1 Item 5	<p>Q: Specification section 015000.1.2.D.3 call for the Plumbing Contractor to provide dewatering facilities and drains. Specification section 015000.3.1.F states "Each Contractor shall provide dewatering of trenches, pits and other depressions by him and his subcontractors, discharged to the general ground surface." Additionally, there is a detail on Drawing CE-11 outlining the procedure for dewatering operations. Please clarify who is responsible for any required dewatering operation at the project site.</p> <p>A: <i>Each contractor is required to provide dewatering of trenches,pits and other depressions required to complete his own work.</i></p>
RFI-1 Item 6	<p>Q: Are there any connection and/or tapping fees associated with the project? If these fees are required, please provide building services that will require these fees and which bidding contractor is responsible for the cost of such fees.</p> <p>A: <i>The college will pay for any connection and/or tapping fees associated with the project.</i></p>
Rfi-1 Item 10	<p>Q: Specification section 2207003.11.A (Finishes) call for equipment and pipe insulation with an all service jacket to be painted with a paint having a flat, acrylic finish. It also calls for the addition of a fungicidal agent to render the fabric mildew proof. Is this section calling for all plumbing piping, exposed and concealed to be painted as outlined above? Also which trade is responsible for the completion of this work if required?</p> <p>A: <i>All painting is by the General Contractor.</i></p>
RFI-1 Item 11a	<p>Q: Specification sections 211313.3.3.P calls for the installation of electric heat trace and pip insulation on sprinkler piping in areas subject to freezing. This section also references Division 21 sections for heat tracing and insulation that can not be found. Based on initial review of the drawings the only piping being installed in an area subject to freezing is being installed as a "DRY" type system and is, therefore, not subject to freezing. Please note if any sections of fire sprinkler piping are in fact to be installed with heat tracing and pipe insulation.</p> <p>A: <i>No section will require heat trace or insulation.</i></p>
RFI-1 Item 12	<p>Q: Specification section 211313.3.4.C calls for the installation of sprinklers into flexible, sprinkler hose fittings installed into a bracket on the ceiling grid. Are flexible hose connectors required at any or every new sprinkler head location or is this simply an option to the bidder?</p> <p>A: <i>Option available to Bidders.</i></p>
RFI-1 Item 13	<p>Q: Specification Section 220700.3.15.C calls for stormwater and overflow piping to be insulated with 1" thick pipe insulation. Please advise if ALL stormwater and overflow piping to be insulated or just the horizontal piping.</p> <p>A: <i>Only horizontal piping and drain bodies.</i></p>
RFI-1 Item 14	<p>Q: Specification section 221315.3.2 call for no-hub couplings for above ground <b>soil</b>, <b>waste</b>, and <b>vent</b> piping to be "standard, shielded, stainless-steel heavy- duty shielded stainless steel." Please clarify if no-hub couplings are to be standard type or heavy-duty type.</p> <p>A: <i>Standard Type</i></p>
RFI-1 15	<p>Q: Specification section 2211413.3.2B&amp;C call for no-hub couplings for above ground <b>storm</b> piping to be "standard, shielded, stainless-steel heavy-duty shielded stainless steel." Please clarify if no-hub couplings are to be standard type or heavy-duty type.</p> <p>A: <i>Standard Type.</i></p>

- |                   |   |
|-------------------|---|
| RFI-1<br>Item 16  | <p>Q: Specification section 221316.2.9 and 221413.2.7 call for the installation of a polyethylene plastic encasement to be installed on all underground waste, vent and storm piping lines. Typically this type of coating is used on underground water/ductile iron lines installed in corrosive soils. Please clarify if this encasement is in fact required to be installed on all underground waste, vent and storm piping.</p> <p>A: <i>This is not required.</i></p>  |
| RFI-1<br>Item 17  | <p>Q: Will a subsurface/soils report be provided to bidders for review and use during the bidding process?</p> <p>A: <i>Geotechnical report is attached to this Addendum</i></p>  |
| RFI-1<br>Item 18  | <p>Q: Are on-site utility lines (water, fire, gas, sewer) considered to be a part of the different utility company systems or are they considered private and therefore the property of Brookdale Community College?</p> <p>A: <i>Utilities on the campus are private and the responsibility of Brookdale to maintain and repair.</i></p>   |
| RFI-1<br>Item 22  | <p>Q: Architectural Drawing A4.24 provides a Food Service Equipment Drawing and layouts of different concession and food prep areas. These areas are not laid out or accounted for on the Plumbing Drawings. Please advise.</p> <p>A: <i>See addendum 3.</i></p>  |
| RFI-1<br>Item 23  | <p>Q: Drawing P1.2 contains the fixture schedule for the Project, included in this schedule is item HS-1/ Hose Station. In the remarks column for this item it says that the HS-1 hose station is not required if a mixing valve is provided with the whirlpool. Please advise if the whirlpool is being provided with a mixing valve and if the HS-1 hose station is in-fact required.</p> <p>A: <i>HS-1 hose station is required as part of the bid.</i></p>  |
| RFI-1<br>Item 25a | <p>Q: Drawing P2.11 shows an 8" fire line and a 4" domestic water line being stubbed out of the building to a point 5' from building with no continuation indicated. Drawing M3.4 shows the piping layout of the new pipe tunnel and the piping tie-in points in the existing tunnel. On this Drawing the size of the domestic water line is 6" as opposed to the 4" shown on Drawing P2.11. Please clarify the following as it relates to this scope of work:</p> <hr style="width: 100%;"/> <p>A) Is the new domestic water line to be 4" as indicated on Drawing P2.11 or 6" as shown on Drawing M3.4?</p> <p>A: <i>4" line.</i></p> |
| RFI-1<br>Item 25b | <p>Q: B) Are the new fire and domestic water lines to be stubbed out to a point 5' past the foundation wall and capped for continuation by others or is the Plumbing Contractor responsible for installing piping into the existing tunnel and making the necessary tie-ins?</p> <p>A: <i>See Addendum 3. New fire and domestic water lines are by plumbing prime contractor within the new tunnel including tie-ins.</i></p>   |
| RFI-1<br>Item 25c | <p>Q: C) If the Plumbing Contractor is responsible for making the tie-ins in the existing tunnel please provide the sizes of the existing fire and domestic water lines at point where tie-ins will be made.</p> <p>A: <i>Contractor to verify size and location in field prior to bid.</i></p>   |

	RFI-1 Item 26	<p>Q: The control panel for the sanitary sewage ejector is to be located in Storage Room 243 as shown on Drawing P2.21 and as called for in the pump schedule. Please clarify if the Electrical Prime Contractor is responsible for all power and control wiring from the control panel to the location of the pumps in the sewage ejector basin.</p> <p>A: <i>Control panel is provided by the General Contractor as part of the pump package. Electrical prime contractor is responsible for installation including power and control wiring.</i></p>
	RFI-1 Item 28	<p>Q: On Drawing P2.11 at the bottom right hand side of the page in the area of Mechanical Room #109 there is a note that reads " Domestic Water and Sanitary lines to serve existing equipment." There are three water lines shown at this point with no waste line. are the three water line to tie into existing piping at this location or is the point of tie-ins at another location? Also, is there supposed to be a waste line shown at this same location?</p> <p>A: <i>See addendum 3.</i></p>
	RFI-1 Item 29	<p>Q: Is the Owner paying for the cost of plumbing and fire sprinkler permit fees?</p> <p>A: <i>The owner is paying for all permitting fees.</i></p>
	RFI-1 Item 30	<p>Q: We have received and reviewed Addendum #1 for this Project. The sign-in sheet provided as part of Addendum #1 is for the Auto Tech Building and not the Collins Arena. Please provide the sign-in sheet for the Collins Arena Project.</p> <p>A: <i>The sign in sheet for the Collins arena project is included in the addendum.</i></p>
3/18/09	RFI 2 Item 1	<p>Q On page 1 of 20 (Answers to RFI's) in Addendum #2, the first question asked and answered was in regard to who was to supply and install the sewage ejector pump and the related manhole. The answer given was "The General Contractor shall furnish and install the manhole (including excavation and backfill). The Plumbing Contractor shall furnish and install pump, floats, and all associate piping.</p> <p>On addendum #2 Drawing P1.2 dated 3-13-09 the SEP-1 Sewage Ejector Pump was removed from the pump schedule and the change was clouded to indicate this change. Also, drawing P2.02 (Plumbing Underground Plan-Arena) dated 3-13-09 the sewage ejector manhole was removed and clouded to indicate this change. The information provided in the RFI response and the information found on these drawings contradict each other. please clarify who is responsible for supplying and installing the SEP-1 Sewage Ejector Pump.</p> <p>A <u><i>Ejector Pump and manhole shall be by the General Contractor</i></u> <u><i>SEP-1 shall be supplied and installed by the General Contractor</i></u></p>
	RFI 2 Item 2	<p>Q Please advise if the roof work on the existing building will start and be completed when the Lower Level Renovation work begins or if this work will be completed when the Upper Level Renovation work begins.</p> <p>A <i>Job is set up in 2 phases. Lower level or new addition is completed in it's entirety and then the 2nd phase Existing Arena renovation starts.</i></p>
	RFI 2 Item 3	<p>Q Specification section 211313.3.7.C call for the installation of sprinklers into flexible, sprinkler hose fittings installed into a bracket on the ceiling grid. Are flexible sprinkler hose connectors required at any and/or every new sprinkler head location or is this simply an option to the bidder?</p> <p>If these items are required please provide information as to the required item, including the desired length.</p> <p>A <i>This is an option to the bidder</i></p>



**COLLINS ARENA RENOVATION AND RECREATION EDUCATION CENTER**

**ADDENDUM 03 Bidder Questions**

RFI 2 Item 11	<p>Q Floor plans shown on Fire Protection Demolition Plans FPD2.22 (Concourse Level) and FPD2.12 (Event Level) are both divided up, shaded and tagged as two separate areas. One are is tagged as "Renovation Area" and the other area is tagged as "Demolition Area". The "Renovation Area" is the existing Event Floor and all surrounding storage and mechanical areas. The "Demolition Area" is all of the Locker Rooms and other support areas. Though both areas are shaded in a way to indicate sprinkler coverage as outlined in the Design Coverage Schedule on Fire Protection Drawings there are conflicting notes that indicate otherwise.</p> <p>The Coverage Schedules on Event Level Drawing FP2.12 and Concourse Level FP2.22 indicate that all areas of the existing building are to be protected by a fire sprinkler system with heads to be provided as outlined in this schedule.</p> <p>Are ALL areas of the Existing Building to be covered by an automatic sprinkler system with sprinkler heads as outlined in Coverage Schedules? If not please clarify limits of coverage.</p> <p>A <i>All areas of the new and existing building are to be completely sprinklered.</i></p>
<p><b>Papp Iron Works Inc.</b> 3/17/09 RFI 7</p>	<p>Q: On the structural plans, there is a note referring to the decking to be "B" deck. However there is a conflict with respect to the decking specifications which calls out "decking to have inserts". Is it your intent to have acoustical deck or "B" deck for this project?</p> <p>A: <i>There is no type 'B' deck in this bid.</i></p>
<p>3/17/09 RFI 8</p>	<p>Q On Addendum #2 drawings detail 8 &amp; 9-Stair 'A' rail system was changed to a 2x2x1/4 steel angle iron bar stock. Please clarify which one you intend to use.</p> <p>A <i>Stair 'A' shall use steel bar shapes as detailed on A7.20</i></p>
<p><b>North Eastern Hardwood Floors, Inc.</b> 3/10/09 RFI</p>	<p>Q: Section 096566 Resilient Athletic Flooring: Part 2-2.2 poured rubber surface- please advise thickness of resilient rubber pad required and total thickness of overall system.</p> <p>A: <i>The total system thickness shall be 9mm (7mm underlayment).</i></p> <p>Q: Also what are VOC requirements?</p> <p>A: <i>There is no specific VOC requirement for LEED for this product.</i></p> <p>Q: Part 2.3 A. Rubber Sheet Flooring - Please provide required thickness</p> <p>A: <i>The total system thickness shall be 10mm.</i></p>
<p><b>Michael Riesz &amp; CO.</b> 3/18/09 RFI</p>	<p>Q We noticed in Addendum #2 that drawing A9.80 was listed as revised to correct door schedule. The actual drawing itself was not on the disk provided. Can it be provided in the next addendum?</p> <p>A <i>Sheet A9.80 has not been re-issued</i></p>
<p><b>Arnold Steel Co., Inc.</b> 3/17/09 RFI 1 Item 1</p>	<p>Q In Addendum #2, page 3, RFI 9 Item 2, response calls for Steel prime to furnish and install the rails in question as part of scope. Which prime is responsible for the demo of existing concourse rails? If this is by more than one prime, pleas separate scope for each prime.</p> <p>A <i>Demo of existing concourse rails by GC</i></p>
<p>RFI 1 Item 2</p>	<p>Q In Addendum #2, page 17, Item #10, New Spec section 055100 was not on the CD I received. Please advise.</p> <p>A <i>Specification 05510 was not issued in Addendum #2</i></p>

**Tormee Construction**

3/20/09

RFI 1

Q.

Please provide a spec/procedure for the "refinishing " of the existing roof system.

A. *See Addendum 3.*

RFI 3

Q.

Dwg M3.4 - Will the underground Precast structure require "waterproofing"

A. *See addendum 3 on drawing A1.03.*

RFI 4

Q.

*Alternate 7- Provide door/hardware schedule for new doors and opeings.*

A. *Provide hardware group #7 for all new doors.*

RFI 5

Q.

*Alternate 7 floor finish*

A. *Floor finish: Event level SC/3. Councourse level T/4*

RFI 6

Q.

*Provide detail /elevation for "continuous super graphic"*

A. *Provide 4' x 8' tall laminate panles (type PL/5) on 1-1/2" metal stud furring continuously along the running track wall. Use this material where drawing indicates "super Graphic".*

RFI 7

Q.

*Wall panels for Collins arena.*

A. *See above.*

RFI 8

Q.

*Dwg A2.30 roof plan- Please confirm all wood blockign /levelling for MC rooftop equipment is by MC nd not GC.*

A. *All roofing and blocking is by General Contractor. Coorindate with mechanical contractor.*

RFI 10

Q.

*Please clarify scope of fireproofing.*

A. *Delete note: There is no spray fireproofing on this job.*