

ADDENDUM NO. 2

September 24, 2019

PROJECT: SCSU – New Health & Human Services Building

I. GENERAL ITEMS:

1. The bid due date and location have been revised, see below.
 - 1.1. **BID DUE DATE: MONDAY, OCTOBER 7, 2019 at 10:00am**
 - 1.2. **BID LOCATION: HOMEWOOD SUITES BY HILTON, 65 GLASTONBURY BOULEVARD, GLASTONBURY, CT 06033**
2. 00 11 18 Subcontractor Post Bid Scope Review Schedule, see attached.
3. Svigals & Partners Addendum No. 02 dated September 18, 2019, see attached.
 - 3.1. Section 08 40 13 Protective Framed Glazing Assemblies to be added to Bid Package 08A Curtain Wall / Storefront scope of work.
4. SCSU – New Health & Human Services Building – Bid RFI Responses, see attached.

II. SCOPE CLARIFICATIONS/CHANGES:

All Bidders shall review all documents that make up Skanska Bid Addendum No. 2 and incorporate any pricing impacts resulting from these documents into your bid pricing.

Bidders shall acknowledge receipt of Addendum 2 under 'Addenda' on page 3 of the bid form.

Sincerely,
Skanska USA Building Inc.

Matthew Glaser
Project Manager

cc: Richard Murphy

SUBCONTRACTOR POST BID SCOPE REVIEW SCHEDULE

BID PACKAGE DESCRIPTION	DATE	TIME SLOT	BID PACKAGE DESCRIPTION	DATE	TIME SLOT
BP-02A Sitework & Paving	10.14.19	1.5HRS	BP-09C Painting	10.15.19	1HR
BP-02B Landscaping & Irrigation	10.14.19	1.5HRS	BP-09D Resilient / Carpet (Will includes ALT for Terrazzo)	10.15.19	1HR
BP-03A Concrete	10.10.19	1.5HRS	BP-09E Tile	10.15.19	1HR
BP-03B Site Concrete	10.14.19	1HR	BP-10A Signage (Wayfinding & Interior)	10.18.19	1HR
BP-04A Masonry (Will include ALT for precast base)	10.10.19	1.5HRS	BP-10B Toilet Partitions / toilet accessories / cubicle curtains	10.18.19	1HR
BP-05A Structural Steel	10.10.19	1.5HRS	BP-11A Medical Equipment (Specialty Head Walls - plug and play)	10.18.19	1HR
BP-05B Miscellaneous Steel	10.10.19	1.5HRS	BP-12A Window Shades	10.18.19	1HR
BP-06A Millwork & Casework	10.15.19	1.5HRS	BP-13A Fire Protection	10.9.19	1.5HRS
BP-07A Roofing	10.16.19	1.5HRS	BP-13B Security Access & Surveillance	10.8.19	1.5HRS
BP-07B Spray Fire Proofing	10.16.19	1HR	BP-13C Fire Alarm	10.8.19	1.5HRS
BP-07C Firestopping	10.21.19	1.5HRS	BP-13D Telecommunications Cabling & Equipment	10.8.19	1.5HRS
BP-07D Metal Wall Panels	10.11.19	1.5HRS	BP-13E Controlled Environment Rooms (Specialty Equipment Plug & Play)	10.18.19	1.5HRS
BP-08A Curtain Wall / Storefront	10.11.19	1.5HRS	BP-14A Elevators	10.16.19	1.5HRS
BP-08B Doors, Frames, and Hardware (Material Only)	10.21.19	1.5HRS	BP-15A Plumbing	10.9.19	1.5HRS
BP-08C Overhead Doors	Not Applicable		BP-15B HVAC (Includes testing & balancing)	10.9.19	1.5HRS
BP-08D Operable Partitions	10.21.19	1HR	BP-15C HVAC Controls (Owner Vendor - Single Source)	10.9.19	1.5HRS
BP-09A Gypsum Board Assemblies	10.11.19	1.5HRS	BP-16A Electrical	10.8.19	1.5HRS
BP-09B Acoustical Ceilings	10.11.19	1.5HRS	BP-17 Final Cleaning	10.15.19	1HR

Note: Interview schedule dates is subject to change.

Addendum No. 02`

Date: September 18, 2019

Project: New Health and Human Services Building
Southern CT State University
New Haven, CT
S+P Project No. 1533.00 / DAS Project No. BI-RS-329

The following addendum items shall make clarifications and modifications to the Contract Documents, and shall be considered as part of said documents. They shall also be included in all references made to the Contract Documents and shall be considered in all cost included in any Bid Sum.

The conditions and terms of the Project Manual (Technical Specifications) shall govern work described in this Addendum. To the extent this Addendum modifies a portion of a paragraph of specifications, or any portion of drawings, the remainder of the paragraph or drawings affected shall remain in force.

Change Items:

1. Refer to **ALL** bubbled items included within the drawings noted below for revised items.

The following Specifications have been ADDED and reissued with this Addendum:

08 40 13 PROTECTIVE FRAMED GLAZING ASSEMBLIES

The following Specifications have been AMENDED and reissued with this Addendum:

08 42 43 ICU AND CCU MANUAL ENTRANCES AND SLIDING GLASS
09 84 33 SOUND ABSORBING WALL AND CEILING UNITS
21 05 23 GENERAL DUTY VALES FOR FIRE PROTECTION PIPING
21 11 00 FACILITY FIRE SUPPRESSION WATER SERVICE PIPING
21 11 19 FIRE DEPARTMENT CONNECTIONS
21 12 00 FIRE SUPPRESSION STANDPIPES
21 13 13 WET PIPE SPRINKLER SYSTEMS
21 13 16 DRY PIPE SPRINKLER SYSTEMS
21 29 33 CONTROLLERS FOR FIRE PUMP DRIVERS
21 31 13 ELECTRIC DRIVE CENTRIFUGAL FIRE PUMPS
21 34 13 PRESSURE MAINTENANCE PUMPS
22 11 23-13 DOMESTIC WATER PACKAGED BOOSTER PUMPS
22 13 29 SANITARY SEWERAGE PUMPS
22 34 00 FUEL FIRED DOMESTIC WATER HEATERS
22 61 19 COMPRESSED AIR EQUIPMENT FOR LABORATORY FACILITIES
22 62 19 VACUUM EQUIPMENT FOR LABORATORY FACILITIES
23 09 00 INSTRUMENTATION AND CONTROL FOR HVAC
23 51 33 INSULATED SECTIONAL CHIMNEYS
23 52 16 CONDENSING BOILERS
23 82 39-16 PROPELLER UNIT HEATERS
26 05 26 GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS

26 09 43 DIGITAL NETWORK LIGHTING CONTROLS
26 32 13-16 GASEOUS EMERGENCY ENGINE GENERATORS
26 33 53 STATIC UNINTERRUPTIBLE POWER SUPPLY
27 15 00 COMMUNICATIONS HORIZONTAL CABLING
27 32 26 RING DOWN EMERGENCY TELEPHONES
32 12 16 ASPHALT PAVING

COMPASS SYSTEMS TECHNICAL SPECIFICATIONS

The following Drawings have been AMENDED and reissued with this Addendum:

C3.00 SITE UTILITY PLAN
C3.20 SITE UTILITY DETAILS

L1.31 SITE IMPROVEMENTS PLAN
L5.00 SITE DETAILS
L5.01 SITE DETAILS
L7.02 SITE DETAILS

A4.07 EXTERIOR STOREFRONT ELEVATIONS & MOCKUP ELEVATIONS

S0.00 GENERAL NOTES

FP1.00 FIRE PROTECTION TERRACE LEVEL PLAN
FP1.01 FIRE PROTECTION LEVEL 1 PLAN
FP1.02 FIRE PROTECTION LEVEL 2 PLAN
FP1.03 FIRE PROTECTION LEVEL 3 PLAN
FP1.04 FIRE PROTECTION LEVEL 4 PLAN
FP3.00 FIRE PROTECTION RISER DIAGRAMS
FP4.00 PLUMBING – FIRE PROTECTION DETAILS

P0.02 PLUMBING SCHEDULES
P1.00 PLUMBING TERRACE LEVEL PLAN
P1.05 PLUMBING ROOF PLAN
P2.00 PLUMBING PART PLANS
P3.00 DOMESTIC WATER PIPING RISER DIAGRAM
P4.00 PLUMBING DETAILS
P4.01 PLUMBING DETAILS

E0.02 ELECTRICAL SCHEDULES
E0.07 ELECTRICAL SCHEDULES
E0.08 ELECTRICAL SCHEDULES
E2.00 ELECTRICAL PART PLANS
E3.00 ELECTRICAL RISER
E5.01 LIGHTING CONTROLS
EL1.00 TERRACE LEVEL ELECTRICAL LIGHTING PLAN
EL1.01 LEVEL 1 ELECTRICAL LIGHTING PLAN
EL1.02 LEVEL 2 ELECTRICAL LIGHTING PLAN
EL1.03 LEVEL 3 ELECTRICAL LIGHTING PLAN
EL1.04 LEVEL 4 ELECTRICAL LIGHTING PLAN
EL1.05 ROOF ELECTRICAL LIGHTING PLAN
ES1.00 TERRACE LEVEL ELECTRICAL SPECIAL SYSTEMS

TO.01	TECHNOLOGY GENERAL NOTES, ABBREVIATIONS AND SYMBOL LIST
TC1.00	TERRACE LEVEL COMMUNICATIONS PLAN
TC1.01	LEVEL 1 COMMUNICATIONS PLAN
TC1.02	LEVEL 2 COMMUNICATIONS PLAN
TC1.03	LEVEL 3 COMMUNICATIONS PLAN
TC1.04	LEVEL 4 COMMUNICATIONS PLAN
TC1.05	ROOF COMMUNICATIONS PLAN
TC2.00	COMMUNICATIONS PART PLANS
TC2.01	COMMUNICATIONS PART PLANS
TC4.00	COMMUNICATIONS DETAILS
TS1.01	LEVEL 1 SECURITY PLAN
TS1.02	LEVEL 2 SECURITY PLAN
TS1.04	LEVEL 4 SECURITY PLAN
TS1.05	ROOF SECURITY PLAN
TS4.00	SECURITY DETAILS

The following ADJUSTMENTS should be made to the noted DRAWINGS

- A6.00 Series: key notes 10 11 00.D & E ACOUSTIC WALL PANEL incorrectly references section 10 11 00. The correct section for the SOUND ABSORBING WALL UNITS is 09 84 33.
- A6.02A, A6.03A, A6.03B, 6.04A, A6.04D: Keynote 10 11 00.H refers to same item as keynote 10 11 00.F "GRAPHIC WALL, SEE GRAPHIC PACKAGE".
- A6.02D: Elevation 4: FLEX CONFERENCE - WEST: base cabinet indicated in room 201, is incorrectly rendered furniture, not Millwork
- A6.03A: Elevation 8: FLEX CONF - EAST: base cabinet indicated in room 340, is incorrectly rendered furniture, not Millwork
- A6.03B: Elevation 2: FLEX CONF LARGE - EAST: base cabinet indicated in room 301, is incorrectly rendered furniture, not Millwork
- A6.03A: Elevation 3: BATHROOM - NORTH: Drawing P1.03 Indicates type L-4 lavatory which is a wall mounted vitreous china lavatory. Vanity in home setting bathroom to be revised to Type L-1 lavatory in solid surface counter top per detail 2 on sheet A10.01
- A6.04A: Elevation 3: CONTROL ROOM - NORHT: this elevation is typical for both north and south elevations of control rooms 472, 478 & 482.
- A6.04B: Keynote 06 40 23.U LAB WORK TABLE **P-LAM** TOP WITH WATERFALL EDGE, BASE CABINETS W/ 24 LOCKABLE CABINETS FOR TOTE STORAGE
- A7.00-A7.04: Reflected Ceiling Plans: General note 3: PROVIDE TRIM SHOWN ON DTL. 18/A7.05 ALONG ALL ACT CLOUD CEILINGS, U.N.O.
- A7.00-A7.04: Reflected Ceiling Plans: Key note 10 11 00.I ACOUSTIC CEILING PANEL, refers to incorrect specification section. Please see revised section 09 84 33 SOUND-ABSORBING WALL AND CEILING UNITS for ceiling panels in rooms 104 and 178.
- A7.05: Ceiling details 14, 13 and 11 are not used.
- A8.01: Door type D6: BASIS OF DESIGN; BESAM, VERSAMAX 2.0, MANUAL, TELESCOPIC 3 PANEL DOOR, not the four-panel door indicated in this elevation. Door assembly to remain 9'-4" by 7'-0"
- A8.05: DOOR SCHEDULE - FOURTH FLOOR: DOOR NUMBER 4CR9A: CHANGE DOOR WIDTH TO 4'-0"
- A8.06: ELEVATION 38: CHARTING 4CR9: CHANGE DOOR WIDTH TO 4'-0"
- A9.02: SECOND FLOOR FINISH PLAN: Marker boards shown in offices 210 through 228A are incorrect, please disregard only these 10 marker boards.

- A9.05: FINISH SCHEDULE: ITEM WP-2: FRP WALL PANEL: provide FRP panels in all janitor closets behind and adjacent to mop sinks up to a height of 8'-0" AFF. Please disregard second half of note about location at plastic laminate counters.
- A9.05: FINISH SCHEDULE: ITEM CR-1: CHAIR RAIL: CR-1 - Chair Rail is to be provided at all Therapy Rooms as indicated in elevations on sheet A6.02B. The note in the finish schedule incorrectly says "all observation rooms", this should read "all **therapy** rooms".
- A9.05: FINISH SCHEDULE: ITEM BB-1: BULLETIN BOARD: "PINBOARD LINOLEUM, RAILROAD, PROVIDE ALUM J CAP TRIM ALL FOUR SIDES . NOTED WITH KEYNOTE 10 11 00.C." At locations indicated, please provide continuous piece of tac-wall 4'-0" tall at 3'-0" AFF to bottom edge.
- A10.00: DRAWING 4: UPPER AND LOWER CABINET DETAIL: "HEAVY-DUTY, SOFT-CLOSE, UNDERMOUNT, WASTE & RECYCLING BINS MANUFACTURER B.O.D. : KNAPE AND VOGT USC SERIES"
- A10.01: DRAWINGS 1 & 2: LAVATORY AT COUNTERTOP: provide solid surface counter top, backsplash and side splashes. Plastic laminate apron plastic laminate panels below the apron (not wood veneer)
- A10.02: Detail 1: BREAKROOM ISLAND: provide PLAM-2 "dover white" (see finish key on sheet A9.05) at island in breakroom 383 on sheet A6.03C.
- A10.02: Detail 4, 5, 6 & 7 : RECEPTION DESK: p-lam at nurse station is to match p-lam at base cabinets at back wall. Nurse station solid surface to be SS-1 "Ash Concrete".
- A10.02: Detail 4, 5, 6 & 7 : RECEPTION DESK: Basis of design for Grommets is Mockett PCS36B/U2-94 - Medium Pop-Up Power

END OF ADDENDUM No. 02

Project: SCSU - New Health & Human Services Building

Skanska Office: Glastonbury, CT

DOCUMENT REVIEW LIST									
Item No.	RFI - Description	Document Reference			Bid Package No. (BY SKANSKA)	Responsible Party			RFI Response
		Drawing Detail No.	Drawing No.	Spec Section		Person	Firm	Response Date	
1	The plans specify that the fire protection contractor is responsible for the fire service water line to a point 5 feet outside the building into the building. The plans are also showing the 6" backflow preventer in an underground vault just outside the building. Finally, the plans show 1 a remote freestanding fire department connection and remote freestanding fire pump test header approximately 12 feet outside the building. Can you please clarify who is responsible for each item by providing a narrative (excavation, trenching, backfill, vault, backflow preventer, FDC, fire pump test header, etc.?)		FP - 1.00		BP - 13A	JJ	Svigals	9/23/2019	We recommend the site utility contractor to install all underground piping, including incoming fire water line, incoming fire department connection line, fire pump test header line, into the building leaving flanges for the fire protection contractor to tie into. The site utility contractor should also be responsible for the backflow preventer and vault. The fire protection contractor could provide the FDC and test header units. BVH Comments: Contract documents include all scope, Skanska to define division of responsibility. BVH Opinion, site guy purchased all exterior piping, vault and back flow preventer. FP contractor to provide Test header and FDC but Site to install.
2	The Abuse GWB in spec status to use in a corridor and stairs. Can just the out layer be Abuse GWB if it is a double layer drywall wall?				BP - 09A	JJ	Svigals	9/23/2019	Little/Svigals: Outside layer is sufficient.
3	Do we have to "castle cut" the drywall flutes or can we drywall on underside of deck flutes and stuff and spray the deck flutes?				BP - 09A	JJ	Svigals	9/23/2019	Little: "castle cut" required at all partitions, in order to maintain fire and acoustic ratings at partitions that extend to the deck.
4	Curtainwall CW-40 is shown in floor plans as A1.02A & Elevation A2.02 between CLM&P. This frame is not shown in the curtain wall elevations drawings A4.04-4.06. Is this CW-40 frame correct? If so, please provide frame in the CW Elevation drawings		A1.02A		BP - 08A	JJ	Svigals	9/23/2019	SP Comments: The note for CW-40 will be revised to read CW-32.
5	Please provide correct door types for aluminum doors. Door schedule calls for types D889 however doors shown in CW elevations do not reflect this. We need this for glass quantities. Doors in question one located in frames CW-8,C&D, CW-10, CW-14, CW-18, CW-19, CW-21, CW-23, CW-41, SF-08. These doors shown in CW elevations A4.04-4.07 all look like door type D7. Please review and advise on correct door type. Please confirm SF-10 door type (D9) is correct. This is the only frame that reflects the door schedule.		A8.01		BP - 08A	JJ	Svigals	9/23/2019	SP Comments: Reference door schedule for door types and elevations. Doors shown in CW elevations are for reference only.
6	Please provide frame type for door RR2A. This is a double door located under frame CW33. Door schedule refers to "See A4.00" This info is N/A in CW elevations.		A4.00		BP - 08A	JJ	Svigals	9/23/2019	SP Comment: The frame for this door should be part of the curtainwall system. The elevation for CW-33 will be revised to reflect this.
7	Storefront frame SF-03 has "T" marks in the frame for glass make up. Please provide correct glass make up for this frame.		A4.07		BP - 08A	JJ	Svigals	9/23/2019	SP Comment: Elevation revised as part of Addendum 2
8	Which BP is responsible for furnishing and installing the bathroom call for aid?				BP - 13C	MG	Skanska	9/23/2019	Bid Package 16A Electrical
9	Drawing E303 indicates a fire alarm speaker strobe in each elevator cab. Will the wiring for this device be included in the travel cable? Please confirm elevator contractor will install the back box and wiring for this device within the cab to the machine room and FA contractor will install device and tie into machine room wiring.		E303		BP - 13C	REL	BVH	9/23/2019	BVH Response: No speaker strobe is required within the elevator cab per the elevator detail on E400. Drawing E303 will be updated to eliminate the device in question.
10	Which BP furnishes the magnetic door hold open devices?				BP - 13C	MG	Skanska	9/23/2019	Bid Package 08B Doors, Frames & Hardware (Material Only), Bid Package 09A Gypsum Board Assemblies (Install Only)
11	Is fire alarm MC cable permissible for use within walls and above accessible ceilings?				BP - 13C	REL	BVH	9/23/2019	BVH Response: Provide conduit and wire to the first device in each loop. MC is permitted after the first device within walls and above accessible ceilings.
12	FA Spec 38.46.21.11-2.04Q states that the fire alarm panel is to monitor smoke damper position this is done by monitoring the end switch status. Drawing 6402 detail shows the BMS system is to monitor the damper end switches. Please confirm the dampers will have (2) sets of end switches for open and (2) sets for closed. If not will an isolation relay be needed? If so which B.P. & the isolation relay?			28.46.21.11-2.04Q	BP - 13C	REL	BVH	9/23/2019	BVH Response: Provide multiple addressable interface devices to monitor open and closed position of smoke dampers.
13	Please provide locations for details 11, 13 and 14 on A7.05. Which scope is responsible for the light covers shown in details 8,9 and 14 on A7.05?		A7.05		BP - 09B	JJ & MG	Svigals & Skanska	9/23/2019	Bid Package 16A Electrical to provide light covers per details 8, 9 & 14 on drawing A7.05. LITTLE: on sheet A7.05, ceiling details 14, 13 and 11 are not used.
14	Reflected ceiling plan general note #3 calls to follow detail 18/A7.06. This note does not exist. Rooms 104 and 178A show acoustical panels 101100.1. Which scope is responsible and which is the product?		A7.06		BP - 09B	JJ	Svigals	9/23/2019	Little: Key note 101100.1 Acoustic ceiling panel, refers to incorrect specification section. Please see revised section 09 84 33 SOUND-ABSORBING WALL AND CEILING UNITS for ceiling panels in rooms 104 and 178.
15	Which scope is responsible for the acoustical wall panels in section 09B43? Gypsum bid package calls to provide blocking but I don't see the panels in any package.			09 84 33	BP - 09B	MG	Skanska	9/23/2019	BP-08B Millwork is to provide and install acoustical wall panels.
16	On wall type 6 and 6F on A8.00 is the Acoustic Gym Board only on the outer layers or is it all 4 layers?		A8.00		BP - 07B	JJ	Svigals	9/23/2019	Little: all four layers
17	Drawing note 68.15 on the TC drawing set states to "provide data for security intercom. Refer to security sheets for details." The TC drawing set has these symbols all over and does not correlate with the TS drawing intercom locations, please clarify.	TC DRAWINGS			BP - 13B	REL	BVH	9/23/2019	BVH Response: BVH will clarify scope within Addendum#2.
18	Is it permissible for horizontal access control cable to be run open without conduit as shown on TS3007 Door detail drawing TS400 shows horizontal cable to be in conduit back to the to head end for each door.	TS DRAWINGS			BP - 13B	REL	BVH	9/23/2019	BVH Response: TS3007 defines connectivity of the system, provide conduit as shown on TS400 back to security panel.
19	Please locate the post indicator valve locations and quantities on the site utility drawings.	SU DRAWINGS			BP - 13B	JJ	Svigals	9/23/2019	PIV will be shown on modified Civil drawings in Addendum 2
20	1- Please provide a spec for the intercom system. 2- Which BP is responsible for furnishing and installing door intercom system? 3- Which BP is responsible for the security camera CAT6 cable? 4- Which BP is responsible for furnishing and installing the ADA door components/ push plates, operator, associated wiring?	TS & TC			BP - 13B	REL	BVH	9/23/2019	BVH Response: BVH will clarify scope within Addendum#2. Skanska to define bid packages and scopes.
21	Please confirm FM Global is required?				BP - 06A	MG	Skanska	9/23/2019	FM Global is required.
22	What is the existing CCTV system at SCSU? Additional camera licenses will be needed for this project but there is no information on the campus CCTV system.	TS			BP - 13B	REL	BVH	9/23/2019	BVH Response: Existing system is S2, licensing to be provided as part of contract.
23	This section specifies camera and camera types. There is no indication as to what the actual "Video Management" platform is managing the video. (Milestone, S2, American Dynamic etc.). The head end nor is there any storage requirements outlined. Please specify the head end Video Management system desire or existing so the proper camera licensing is acquired. Please specify storage requirements. (PFS, % Motion, Days of storage) desired to properly calculate storage requirements. Please specify the technical details for storage requirement RAID 6,6 etc.).			DIV 28 Section 28 20 00	BP - 13B	REL	BVH	9/23/2019	BVH Response: Existing system is S2, licensing to be provided as part of contract. No storage required.
24	There are three entrances that are calling out an intercom system, (Vestibule 117 Door 117A, Vestibule 100W Door 100WB, Vestibule 100E Door 100EB). There are no specifications for the intercom system. Please provide the security drawing which includes the electronic symbol list to confirm "IC" does mean "INTERCOM". Please specify the basic of design and or comparable product list. If there is existing, please specify the model and or series desired and what the existing model and series is to confirm compatibility.			DIV 28	BP - 13B	REL	BVH	9/23/2019	BVH Response: BVH will clarify scope within Addendum#2.
25	Integration with a campus wide existing S2 head-end server. S2 will license their product based upon "Portals". (Portal = door). What version is the existing S2 Head-end server (Netbox, Netbox Extreme, Netbox Enterprise)? What is the existing "PORTAL" license on the existing S2 head-end server. Is there enough licensing to add an additional 53 "Portals" (Doors) to the existing head-end of will additional portal licensing be required.			DIV 28 13 00	BP - 13D	REL	BVH	9/23/2019	BVH Response: New licensing is required for all portals/Cameras. Proprietary spec, S2 has all information required for pricing, contractor to coordinate.
26	There are some discrepancies with this drawing and the door hardware sets. Each access controlled door will need a REX motion for egress, requiring a #10 or #13 from the "Equipment List" table. (There are no door with exit readers). Door type 11: There is no REX motion called out for Door type 11. Please specify if DIV 8 is supplying door hardware with integrated REX (#10) or DIV 28 is supplying a REX motion (#13). #9 as indicated on drawing correct? Door type 12- Should be intercom door, but no item #11 show. #10 should probably be #11 and please refer to RFI #002 for details). Please specify if DIV 8 is supplying Door Hardware with integrated REX (#10) or DIV 28 is supplying a REX Motion (#13) is #9 as indicated on drawing correct?	TS400			BP - 13D	REL	BVH	9/23/2019	BVH Response: BVH will clarify scope within Addendum#2.
27	Could you please Provide the liquidated damages amount for this project?					MG	Skanska	9/23/2019	Refer to Division 0 - 00 70 01 - Articles 2 & 11
28	Per Structural drawing S0.00, noting this building is designated as a Seismic Design Category "B", will seismic bracing be required for the fire protection Scope BP-13A? Per the CSBC 2016 paragraph 1613.1 and ASCE 7 [2010] paragraph 11.1.4.4, seismic bracing may be eliminated in buildings that fall under Seismic Design Category "A" or "B", except in specific cases like emergency shelter, or the like.		S0.00		BP - 13A	REL	BVH	9/23/2019	BVH Response: Seismic design of sprinkler piping systems shall be included per the requirements of NFPA and ASCE 7 as referenced by the Building Code.

29	Please provide fully detailed fire protection drawings. The fire protection drawings are not fully detailed as the sprinkler lines and sizes are not shown. (Chapter 60, Section 4-8-93 (A) of the CT CGA requires that "Every contract subject to this chapter shall include plans and specifications detailing all labor and materials to be furnished thereunder."				BP -13A	REL	BVH	9/23/2019	BVH Response: The fire protection system is a delegated design. Proposed sprinkler system mains and risers are shown and sized on the floor plans and riser diagram.
30	FP400 shows a Duplex Vacuum Systems diagram. Please confirm this is NOT the responsibility of the fire protection sub.				BP -13A	REL	BVH	9/23/2019	BVH Response: The vacuum pump system is not part of the fire protection scope of work.
31	Is there PLA on this project?				Cogswell Sprinkler	MG	Skanska	9/23/2019	There is "No" PLA on this project.
32	Is schedule 10 piping acceptable for fire protection sprinkles line piping or schedule 40 piping only?				BP 13- A	REL	BVH	9/23/2019	BVH Response: Schedule 10 piping will be allowed. Please refer to forthcoming Addendum for revised piping applications. Skanska Response: Brackets to be provided by subcontractor providing the glass handrails.
33	BP-13D SOW #6 states BP13D furnishes and installs underground conduit and manholes for tele data. Please confirm if BP13D is responsible for placement of the manholes or will the site contractor place the manholes on site?	TS			BP -13D	MG	Skanska	9/23/2019	BP-13D is responsible for the placement of the manholes.
34	From Spec Manufacturer- ICO Doors. 1. The drawings show a bipart ICU door. The OFW indicated is 112". The smallest OFW for this type door is 120". The specs reference a 3 panel ICU, should we quote that in lieu of the 112" 4 panel bipart? 2. Also, the spec is all over the place regarding the finish. Twice it states clear anodized but in another section it states SS. Can you confirm?				BP -08A	JJ	Svigals	9/23/2019	LITTLE: ICU DOORS will be clarified in addendum 2
35	1. No Signage scheduled provided. Without a schedule, pricing would be for sign type 1B (see drawing A 10.03) for room signage. 2. Further Detail needed for branding elevation Vinyl painted lettering - typical detail - 4 on a9.08. Without further detail, pricing would be for full sheet of vinyl area shown on drawing.				BP -10A	JJ	Svigals	9/23/2019	LITTLE: FOR SIGN SCHEDULE SEE GENERAL NOTE 6 ON ALL A1.00 SHEETS. For scope of graphics see sheets A906 through A912. no objection to proposed method of capturing scope until final graphic content is provided
36	Elevations A6.02D/10.11 and detail A5.10/11 are for the glass railing in Seating 200. They include notes for wood handrail with glass mount brackets. (1) Please identify species, cut, and finish required for the handrail. (2) Please confirm that brackets will be provided by manufacturer who is providing the rest of the glass rail system. If package BP6B millwork is responsible to supply these brackets, please identify the manufacturer, model number, and color/finish.	A5.10 & A6.02D			BP -06A	JJ & MG	Svigals & Skanska	9/23/2019	Hardwood Species for Handrail to be Maple. Finish to match wood ceiling panels. Bid Package - 06B Misc Steel to provide brackets.
37	The enlarged floor plan for room 201 Flex Conference includes what appears to be casework, but drawn with a dashed line which usually indicates furniture, at the far left of the west wall. Elevation 4, shows a pair of base cabinets with a countertop in the center of the wall, but nothing at the far left. No section detail tags are provided for the casework. No finishes are noted. No keynotes are used. Are we correct in understanding these are N.I.C. per keynote 12 50 00.2, similar to cabinets in Flex Conference 301 & 340 (see A6.03A & A6.03B). If that is not correct and casework by BP6B Millwork is required at this location, please identify the finishes and the section details.	1, 8, 4	A6.02D		BP -06A	JJ	Svigals	9/23/2019	LITTLE: cabinets indicated in room 201, elevation 4 on sheet A6020 are incorrectly rendered furniture not Millwork
38	The enlarged floor plan for room 302B bathroom includes what appears to be vanity countertop with an integral sink. Elevations 3 & 4 include keynote 22 42 00.D for an ADA sink by the plumber with leaders pointing at the gable & apron for the vanity. No section detail tags are provided for the vanity. Is the entire vanity assembly being provided by the plumbers as suggested by keynotes? Or is this intended to be a solid surface countertop with an integral solid surface sink, custom fabricated by BP6B millwork? If the millworker is responsible, please identify the finish for the apron & gables.	1, 8, 3	A6.03A		BP -06A	JJ	Svigals	9/23/2019	LITTLE: Drawing P1.03 Indicates type L-4 lavatory which is a wall mounted vitreous china lavatory. Vanity in home setting bathroom to be type L-1 lavatory in solid surface counter top per detail 2 on sheet A10.01. Plumbing drawing will be updated as part of Addendum 2
39	Keynote legend uses 10 11 00.D & 10 11 00.E to identify acoustic wall panels. Section 10 11 00 is for visual display surfaces and does not include acoustic wall panels? Are either (or both) of these keynotes intended to indicate the WP-1 acoustic wall panels that are specified in section 09 84 33 and included in BP6B millwork?		A6.00 series of enlarged plans		BP-06A	JJ	Svigals	9/23/2019	LITTLE: key note for acoustic wall panel incorrectly references section 10 11 00. The correct section for the SOUND ABSORBING WALL UNITS is 09 84 33
40	Keynote legend uses 10 11 00.H to identify "wood accent". Elevations in A6.00 drawings show a red box on the wall that could indicate paneling of some kind but include no material finish notes and no tag for a section detail. At some locations, there are additional elevation tags for A9.00 drawings that indicate branding BP10A. At other locations, there are no additional elevation tags. Section 10 11 00 is for visual display surfaces and does not include wood accent panels. Is this keynote intended to indicate branding signage by BP10A or wood panels by BP6B millwork? If this is millwork, please provide additional information including wood species & cut, panel size & layout, panel finish, edge finish, and how the panels are mounted on the wall.		A6.00 series of enlarged plans		BP-06A	JJ	Svigals	9/23/2019	LITTLE: Keynote 10 11 00.H on sheet A6.02A, A6.03A, A6.03B, 6.04A, A6.04D refers to same item as notation 10 11 00.F "GRAPHIC WALL, SEE GRAPHIC PACKAGE". The graphics package can be seen on sheets A9.05 through A9.12.
41	Which plastic laminate color is required at the island in breakout room 383? Is PLAM-1 to match the cabinets?	1	A10.02		BP-06A	JJ	Svigals	9/23/2019	LITTLE: Please provide PLAM-2 "Ivory White" (see finish key on sheet A9.05) at island in breakout room 383 on sheet A6.03C and detail 1/A10.02
42	(1) Are we correct in understanding that the PLAM on the nurse station is PLAM-1 to match the cabinets on the back wall? (2) There is solid surface noted for the work surface, transaction top, and front face. Which solid surface color - SS-1 OR SS-2?	7	A10.02		BP-06A	JJ	Svigals	9/23/2019	LITTLE: Confirmed p-lam at nurse station is to match p-lam at base cabinets at back wall. Nurse station solid surface to be SS-1 Ash concrete.
43	The enlarged floor plan appears to show countertops on both the north and south walls of rooms 472, 478, & 482. Elevation A6.04A/3 shows a PLAM countertop on the north wall. Are we correct in understanding there is a similar countertop on the south wall?	1	A6.04A/1		BP-06A	JJ	Svigals	9/23/2019	LITTLE: yes provide counter tops at both north and south walls of the observation rooms
44	Keynote legend uses 12 50 00.N to indicate "WALL MOUNTED MEDICAL MILLWORK WITH INTEGRAL SINK" and 12 50 00.O indicate "WALL MOUNTED MEDICAL WORKTABLE W/ SWING ARM". Please confirm our understanding that these components are not part of BP6B millwork. If they are part of BP6B millwork, please provide additional information including section details and specs for specialty hardware.		A6.04A & A6.04B		BP-06A	JJ	Svigals	9/23/2019	SP Response: Wall mounted medical millwork will be clarified in Addendum 2
45	(1) Are we correct in understanding that the cabinets are PLAM-1? (2) Keynote legend on A6.04B says that lab work tables have solid surface top with waterfall edge. Drawings on A10.01/5 include notes for plastic laminate countertop waterfall ends. Which is correct? also, please identify color- each of those finishes is specified with two color options.		A6.04B & A10.01		BP-06A	JJ	Svigals	9/23/2019	LITTLE: note at details on A10.01 are correct, the lab table is to be PLAM not solid surface. Please use PLAM-1 "maple" at all millwork cabinets except kitchen base cabinets. (see finish schedule on sheet A9.05)
46	Which color of solid surface (SS-1 or SS-2) is to be used for the solid surface cap on the knee walls in this detail?	22	A10.03		BP-06A	JJ	Svigals	9/23/2019	LITTLE: please use SS-1 ASH CONCRETE at top of knee wall
47	(1) Enlarged floor plans on A6.05A and elevation A6.05B/3 include keynotes for 22 42 00.D at the vanities, suggesting that they are provided by BP-22 plumbing. However, trade specific scope of work item 6b indicates that BP6B millwork includes vanity tops at these locations. Which is correct? (2) If these vanities are part of BP6B please provide specs for the "FOLD-DOWN PANEL LOCK" and "CONTINUOUS HINGE" noted in detail A10.01/2. (3) Trade specific scope of work item 7 says "This subcontractor shall provide integral sink bowls for any simulated stone/solid surface/quartz countertops with sinks" Detail A10.02/2 includes a note for a drop-in porcelain sink? which is correct? note that a drop-in porcelain sink would be supplied & installed by a plumber not millworker.	A10.01/2	A6.05A & A6.05B		BP-06A	JJ & MG	Svigals & Skanska	9/23/2019	Bid Package 06B Millwork to delete item 7. LITTLE: design intent is for detail 2 on A10.02, solid surface top with drop-in lavatory type L-1 and L-2
48	Finish schedule says that WP-2 (FRP panels) are located "AT ALL INTERIOR WALLS OF JAN CLOSETS WITH MOP SINKS AND ABOVE ALL PLASTIC LAMINATE COUNTERS" (1) what is the height of the panels in the janitor closets? (2) There are no WP-2 panels shown in elevations with PLAM countertops. Instead the wall about the counter is shown as bare or as back surface section BP6A gypsum board assemblies. Please clarify which rooms/elevations have WP-2 about a PLAM countertop.		A9.05		BP-06A	JJ	Svigals	9/23/2019	LITTLE: provide FRP panels in all janitor closets behind and adjacent to mop sinks up to a height of 6'-0" AFF. Please disregard second half of note about location at Plam counters.
50	1- TV/2D data symbol is not defined please clarify. 2- Which BP furnishes and installs combo power/data/av poke thru, floor boxes, and wall boxes (FSR inc IPWB - 2707) 3- how many cat5 cables to the WAP? 4- please provide a data / AV wall plate schedule.	TS			BP 13-B	REL	BVH	9/23/2019	BVH Response: 1. TV/2D - (2) Data cabling/connections per division 27 specifications. TV symbol represents a back box provided by others which will receive the data drops. 2. PT and FS by Div. 28 and E drawings. PWB by others. 3. WAP are (2) Cat5A. 4. Face plate details to be provided in addendum #2.
51	What trade is responsible to install communications grounding riser?				BP 13-B	MG	Skanska	9/23/2019	Bid Package 13D Telecommunications Cabling & Equipment
52	1. Can flexible sprinkler drops be utilized? 2. Please clarify if schedule 10 pipe can be utilized on pipe sizes 2" & larger. Specification Section 21 13 13 references "Standard weight" or is the intent to have us provide wall thickness meeting NFPA-13 6.3.2 for pressures up to 300 psf?	21 13 13			BP 15A	REL	BVH	9/23/2019	BVH Response: Schedule 10 piping will be allowed. Please refer to forthcoming addendum for revised piping applications. Flexible sprinkler drops have been added to the specification as part of addendum 2
53	Can roll grooves be utilized for sizes 1-1/2" and larger? Is schedule 40 pipe required?				BP 15A	REL	BVH	9/23/2019	BVH Response: Schedule 10 piping will be allowed. Please refer to forthcoming addendum for revised piping applications.
54	(1) Please clarify scope of each BP to furnish & install gravel base under site concrete. Scope of work #13 states, "All of the excavation, subgrade, compacted fill and backfill shall be provided by this subcontractor for their work..." (2) Scope of work #29 states "...site utility, rough grading and final grading throughout the jobsite will be provided by the BP/2A Sitework subcontractor. This subcontractor shall coordinate with BP-02A Sitework subcontractor to establish necessary elevations and and necessary variety under all site concrete items that are part of this work..."				BP-2A	MG	Skanska	9/23/2019	Bid Package 02A Sitework & Paving is responsible for both scope of work items #13 and #29

55	Trade specific scope of work item 6E says that BP6B includes solid surface windowsills. We found a knee-wall cap in the Large Labs that runs along the exterior wall. (See detail A10.03/22). Is this what the scope of work is referring to? If actual windowsills are required, please identify the windows and provide drawing details.			BP-06A	MG	Skanska	9/23/2019	Svivals: Solid Surface sill / wall cap as detailed in 22/A10.03 only occurs in the large labs. All other window sills to be aluminum as detailed in storefront / curtainwall details. Bid Package - 06B Millwork is to provide and install solid surface sill / wall caps as detailed.
56	What BP furnishes & installs floor boxes?			BP-13B	MG	Skanska	9/23/2019	Bid Package 16A Electrical
57	What BP is responsible to fit AV system?			BP-13B	MG	Skanska	9/23/2019	The Owner's AV contractor will be responsible to fit the AV equipment and cabling
58	TAD.00 SOW states EC owns conduit etc. for AV systems. Is this correct?			BP-13B	MG	Skanska	9/23/2019	Yes, conduit etc. as shown on the TA drawings is to be provided by the EC - Bid Package 16A Electrical
59	What BP is responsible for telcom site conduit?			BP-13B	MG	Skanska	9/23/2019	BP-13D Telecommunications Cabling & Equipment
60	The exhibit refers to Herman Miller casework- where if anywhere does this occur?			BP-06A	MG	Skanska	9/24/2019	Delete Reference to Herman Miller Casework in Bid Package - 06B Millwork.
61	We are assuming all casework shown to be Div 6 casework provided by us are there any locations where either Div 12 casework or lab casework will be provided by others? For example, we have included custom millwork by us in Lab Rooms 413,416,417.			BP-06A	MG	Skanska	9/23/2019	All Division 12 casework & lab casework to be provided and installed by Bid Package 06B Millwork.
62	Per graphic detail on 1/A9.08 is the center circle plywood with shape cutouts?			BP-06A	JJ	Svivals	9/23/2019	SP Response: Center circle is solid plywood with cut outs.
63	Spec 06 20 43 refers to Acrylic panel on page 4, where is this seen in the drawings?			BP-06A	JJ	Svivals	9/23/2019	SP Response: 06 20 23 2.05 INTERIOR GRAPHIC WOOD PANEL WITH ACRYLIC PANELS is not part of the project. Wood Panels and Acrylic panels should be provided as indicated in the Sign Package
64	Is there more detail on the "wood accent" seen on 15/A6.02A and 7/A6.03B? Just shows blank gyp. Wall at the moment.			BP-06A	JJ	Svivals	9/23/2019	SVIVALSLITTLE: LITTLE: Please see response to question 40 above regarding 10 11 00.H.
65	VOID - Repeat RH			BP-13B			9/23/2019	
66	VOID - Repeat RH			BP-13B			9/23/2019	
67	VOID - Repeat RH			BP-13B			9/23/2019	
68	VOID - Repeat RH			BP-13B			9/23/2019	
69	In detail 6/A4.19 does the curtain wall contractor own the Snap on Cover between mullions or does the drywall contractor own?			BP-09A	MG	Skanska	9/23/2019	Bid Package - 08A Curtainwall / Storefront owns the snap on cover between mullions.
70	Scope of Work BP6B - Millwork indicates that the millworker is responsible for exterior work per section 06 20 13. Specs for that section say it includes exterior plank ceilings & soffits (paragraph 1.02A) but the material specs are for lumber siding and trim fabricated from Honduras Mahogany (paragraph 2.02). Are both exterior ceilings & exterior siding included in BP6B? Are both fabricated from Mahogany? Reflected ceiling plans & details on A7.00-A7.05 include exterior ceilings at the terrace level and first floor, but they are noted as a "WOOD LOOK 7" PAK LINEAR METAL CEILING SYSTEM W/ HANGING GRID". That system is not specified in section 06 20 13. It also sounds like a specialty ceiling system, not millwork. Exterior elevations do not include Mahogany siding- see exterior materials legend on A2.01 A2.03. If the millwork is intended to include exterior work as part of BP6B, please provide additional info to clarify exactly what is required and where it is located. Otherwise, please remove this section from BP6B			BP-06A	MG	Skanska	9/23/2019	Svivals: Ceilings to be metal ceiling with grid as specified in 05 50 00. Section 06 20 13 "EXTERIOR FINISH CARPENTRY" can be deleted in its entirety. Bid Package - 07D Metal Wall Panels to provide exterior ceiling per spec section 05 50 00.
71	Please confirm the cold water makeup piping, PRV, valves etc., and tie-in into the mechanical system at the air separator (or another location if preferred), will be furnished and installed by the plumbing contractor? If not, please add a detail on the HVAC drawings with pipe using location of fill point and connection point to plumbing system, so they can be accounted for with our bids (nothing currently shown, but assumed required by either the HVAC or PLBG			BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	BVH Response: All cold water make-up piping up to and including the backflow preventer shall be furnished and installed by the Plumbing Contractor. Piping from downstream of the backflow preventer up to and including the connection to the HVAC equipment shall be by the HVAC Contractor. Skanska to coordinate scope of work.
72	Who owns trenching, excavating, and backfilling for the underground mechanical (PLBG or HVAC) piping, if applicable? We are assuming the site contractor, but please verify this is not the mechanical contractor?			BP 15B - HVAC & BP 15A - PLBG	MG	Skanska	9/23/2019	Bid Package - 02A Stework & Paving owns all trenching, excavating, and backfilling for underground utilities.
73	Please provide if a TABB certified test and balancing subcontractor would be acceptable? TABB cert. is extremely similar and as stringent as a NEBB and/or AABC cert.	23 05 93		BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	BVH Response: AABC or NEBB certification required as specified.
74	Are there any associated CAD fees with signing over the release forms from the architect to start our 3D coordination?			BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	SP Response: There are no associated fees for releasing CAD Files. Appropriate releases will be provided.
75	Please verify that all gas piping valves, fittings & regulators will be furnished and installed by the plumbing contractor up to and including connection to HVAC mechanical equipment's?			BP 15B - HVAC & BP 15A - PLBG	MG	Skanska	9/23/2019	BVH Response: Confirmed. Gas piping, valves, etc. furnished and installed by the Plumbing Contractor. Skanska to coordinate scope of work. Bid Package - 15A Plumbing to furnish and install.
76	Please advise if Grooved Piping Systems (Victaulic, Amvi, etc.) would be acceptable for all hydronic piping 2"-12" and larger in lieu of welded HVAC systems, or advise if progress copper systems (Viega, inbo, etc.) would be acceptable for hydronic piping systems including condensate systems for piping 2" small?	23 21 13 - Hydronic Piping			JJ	Svivals	9/23/2019	BVH Response: Grooved piping systems is not acceptable on any HVAC hydronic system. Press-seal systems are acceptable as specified in section 232113 and per General Note #28 on H001.
77	Are there any liquidated damages associated with this project? If so, what are they and is there a cap?				MG	Skanska	9/23/2019	Refer to Division 0 - 00 70 01 - Articles 2 & 11
78	Please verify that all required smoke detectors, smoke dampers and fire dampers required for this project are shown on the drawings? If not, please update drawings to show all required dampers and detectors so our sheet metal and controls subs can account for any additional ones required other than the ones shown with their bids. Sheet metal subs are requesting this to be shown on the plans for accurate and equal bidding purposes against other bidding.			BP 15B - HVAC	JJ	Svivals	9/23/2019	BVH Response: Please refer to drawings and specifications for quantities, locations, and requirements for smoke detector, smoke dampers, and fire dampers.
79	Please advise if the floor plans should be followed, or if the VAV schedule should be followed for pipe sizing? For example (other similar instances occur), H004 shows VAV-3-1-1 & VAV-3-1-2 both as VAV-type VAV boxes with 1" HWS&R feeding 3-1 & 3-2. However, Floor plan HP-1.01 shows both of these VAV boxes being fed by 1" HWS&R piping? Please advise if the schedule or the floor plans should be followed, and if time allows please update drawings for clarity amongst bidding mechanical contractors and bidding subcontractors (insulators, separate controls contractor, VAV vendors, etc.)			BP 15B - HVAC	JJ	Svivals	9/23/2019	BVH Response: Based on the heating CFM and GPM requirements, provide piping as noted within the schedule.
80	Please advise if Trane could be added as an acceptable manufacturer for the VAV boxes as well? They are currently an approved manufacturer for the VRF system.	23 36 00		BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	BVH Response: Trane is an acceptable manufacturer for the VAV boxes.
81	I could not locate the spec for the electric unit heaters? Please advise who the additional approved manufacturers would be for the EUnit? Also, please provide a spec for this equipment, if not currently spec'd.			BP 15B - HVAC	JJ	Svivals	9/23/2019	BVH Response: Airtherm, Ritling, Sterling and Marley. A spec will be provided in forthcoming addendum.
82	Please advise if spec 23 41 00 particulate Air Filtration is provided for the ERU manufacturers to take into consideration when quoting the ERUs, or if this spec should be disregarded? No specialty air filters or duct mounted air filters were found when reviewing the drawings and schedules?	23 41 00		BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	BVH Response: Section 234100 is for the sole purpose of the ERU manufacturer coordination with filtration requirements.
83	VAV-3-1-10 is shown on duct drawing H1.01, but not shown on piping drawing HP1.01. Schedule for VAV-3-1-10 on H004 states 1-1/4" pipe size feeding this VAV box? Please advise if the VAV box has needs a hydronic coil?	H004, H1.01 & HP1.01		BP 15B - HVAC & BP 15A - PLBG	JJ	Svivals	9/23/2019	BVH Response: Disregard pipe size - this is a return air vav box with no heating coil.
84	HVAC scope of work #29 states "This subcontractor is responsible for furnishing and installing all condensate pumps and piping for their systems. This subcontractor is responsible for providing all required condensate piping even if it is not shown on the Contract Documents. Please advise if the plumbing contractor can be responsible for all the condensate piping from HVAC equipment, rather than the HVAC contractor? All the piping and pipe sizes are shown on the plumbing drawings, this would keep coordination much simpler amongst the installing contractors and their insulation subcontractors as well.			BP 15B - HVAC & BP 15A - PLBG	MG	Skanska	9/23/2019	BVH Response: Plumbing Contractor is responsible for all condensate piping systems. Mechanical Contractor is responsible for furnishing and installing any non-factory installed condensate pumps. Skanska to coordinate scope of work. Bid Package - 15A Plumbing is responsible for all condensate piping systems.
85	Who owns the Aluminum trim as in 17, 18, 25 etc.. On A7.06? Assuming that the ACT contractor owns. Please Advise.				MG	Skanska	9/23/2019	Bid Package - 09B Acoustical Ceilings owns all aluminum trim on ceiling details.
86	Please confirm who is responsible for the 3/16" curved panels with cut outs that are to be attached to the CW.			BP-09A	MG	Skanska	9/23/2019	Bid Package - 08A Curtain Wall / Storefront
87	Please provide clarification on bid package scope responsibility of wall cladding on attached. The wall highlighted at the stair shown in 12/L5.03 is constructed as retaining wall but acts as "side of steps" or cheek wall. Is this part of site concrete, Stework, or concrete package?	11L5.03	L5.03		MG	Skanska	9/23/2019	Bid Package 03A Concrete is responsible for concrete retaining walls
88	Spec Section 06 20 13, 06 46 00 and 06 64 00 are listed in the Millwork scope, these sections are not seen in the specifications. Please advise			BP 06A	MG	Skanska	9/23/2019	Svivals: 06 20 13 and 06 64 00 were included with our "Documents for Bid" Submission. 06 46 00 is deleted from Bid Package - 06B Millwork.
89	Please clarify that keynote items 10 11 00.D & 10 11 00.E acoustical wall panels are the Sound absorbing wall units as seen in Spec section 09 84.33.			BP 06A	JJ	Svivals	9/23/2019	LITTLE: Please see response to item 39 above.
90	Please identify where the wall protection CR-1 and corner guards will be used. None shown on finish drawings			BP-09B	JJ	Svivals	9/23/2019	LITTLE: a.) CR-1 - Chair Rail is to be provided at all Therapy Rooms as indicated in elevations on sheet A6.02B. b.) The note in the finish schedule on sheet A905 incorrectly says "all observation rooms", this should read "all therapy rooms". c.) General note 71 on sheet A9.05 says "provide stainless steel corner guards at all outside wall corners"
91	Gypsum board assemblies, section 09 21 16, calls for abuse board to be used at corridors and stairs. Section calls for high impact board at "High Traffic" areas. Please clarify what is considered a high traffic area.			BP-09B	JJ	Svivals	9/23/2019	LITTLE: high traffic areas are defined as all corridors and stairs
92	Please confirm bid package 09A-Gypsum Board, is responsible for installation of all hardware including aluminum doors.			BP-09A	MG	Skanska	9/23/2019	Bid Package 08A Curtain Wall / Storefront provides and installs all hardware for aluminum doors.

93	Please confirm that heavy-duty grid is to be used for both ACT-1 ACT-2 instead of intermediate-duty.				BP-09A	JJ	Svigals	9/23/2019	LITTLE: design intent of section 09 51 13, 2.05 METAL SUSPENSION SYSTEM FOR ACOUSTICAL PANEL CEILING is confirmed.
94	The specification calls for Suprafine XL intermediate-duty grid for the wood ceiling (WD-1). Is this supposed to be heavy-duty grid instead?				BP-09A	JJ	Svigals	9/23/2019	LITTLE: please see response to item 93 above.
95	On Exhibit A#13 of the scope of work it calls for the drywall to be responsible for installation of temporary steel cable & turnbuckles to prevent distortion & damage due to wind or erection forces. Is this intended for Safety or Lateral movement of the LGMF? Typically the steel contractor would install the steel cables if it is for safety. We propose using spacer bars if it is intended for lateral movement of LGMF per approved shop drawings				BP-09A	MG	Skanska	9/23/2019	Spacer bars to stop lateral movement of framing is acceptable.
96	On Exhibit A #37 shouldn't the caulking scope at the acoustical ceilings and hollow metal frames be included in the painting scope?				BP-09A	MG	Skanska	9/23/2019	Caulking at the acoustical ceilings is to be performed by Bid Package - 09A Gypsum Board Assemblies and caulking at the hollow metal doors frames to be performed by Bid Package - 09C Painting.
97	Detail 2 shows flashing continuing from behind the brick to the top of the metal panels at the bowed windows. Is the intent to have the mason sub install the piece at the brick and then have the panel sub attach and finish over the metal panel?	2	A4.10		BP-09A	MG	Skanska	9/23/2019	Yes.
98	The specifications do not mention the allowable use of flexible sprinkler head drops (e.g. Flexhead Industries, VC-Flex). Can we use flexible sprinkler drops on this project?			21 13 13	BP-13A	JJ	Svigals	9/23/2019	BVH Response: Flexible sprinkler drops have been added to the specification as part of addendum 2
99	Bid package 15B HVAC item 88C says HVAC is to furnish and install condensate piping for their equipment. The condensate for the VBF system is shown on the plumbing drawings. Which bid package is responsible for the condensate piping?				BP-15B	MG	Skanska	9/23/2019	BVH Response: Plumbing Contractor is responsible for all condensate piping systems. Mechanical Contractor is responsible for furnishing and installing any non-factory installed condensate pumps. Skanska to coordinate scope of work.
100	In Exhibit "A" Scope of work/supply and clarifications/qualifications item #1.13 parking on the 5th level in the wintergreen Ave. Garage is there a fee associated with the workers parking permits and if so what is the amount?				BP-15B	MG	Skanska	9/23/2019	No fee for parking.
101	In the same section of exhibit "A" item 1.33- is temporary heat required for the winter of 2020/2021 and which bid package is responsible for it?				BP-15B	MG	Skanska	9/23/2019	Temporary heat is required. Skanska to provide Rankin heaters.
102	Will the fuel consumption for the temporary heat be paid for by the owner or will there be a allowance provided?					MG	Skanska	9/23/2019	Temporary heat fuel to be provided and paid for by Skanska.
103	Page 6 of "Instructions to Bidders" lists a "CCP" form as a requirement for submission. 1) Is it the form B7.2) Who signs the form b- contractor or insurance agent?				BP-2A	MG	Skanska	9/23/2019	Yes, fill out form B, and either subcontractor or insurance agent can sign.
104	See attached page from this section, regarding liquidated damages - is this the amount to be assessed to all contractors?				BP-2A	MG	Skanska	9/23/2019	Refer to Division 0 - 00 70 01 - Articles 2 & 11
105	1. What size conduit for data wall box stub up is required? 2. Drawing TC301 states to refer to TC-400. Please provide drawing TC-400. 3. Which BP owns F&I the ground backbone to the switch gear? 4. Which BP F&I the ground bars in each IDF closet?					MG	Skanska	9/23/2019	BVH Response: See drawing TC400 in addendum #2. Skanska to define division or responsibility and BP scopes. Each bid package is responsible for their own grounding as it relates to the systems they are providing.
106	How high do we carry the tack boards if there is no elevation that shows them in Corridor LC03? Do ALL tack boards have aluminum frame around them?					JJ	Svigals	9/23/2019	LITTLE: In the finish schedule on sheet A9.05 note at item BB-1 says "PINBOARD LINOLEUM, RAILROAD, PROVIDE ALUM J CAP TRM ALL FOUR SIDES. NOTED WITH KEYNOTE 10 11 90.C." At locations indicated, please provide continuous piece of tack-wall 4'-0" tall at 3'-0" AFF to bottom edge.
107	The show visual display/mark boards in the Faculty Offices on page A9.02 notes 210 thru 228A. How about all the other faculty office locations on that floor and the floors above?					JJ	Svigals	9/23/2019	LITTLE: Marker boards shown in offices 210 through 228A are incorrect, please disregard only these 10 marker boards. The writing surface in the offices will be addressed in the FFE package.
108	In none of the sections that are part of BP68 Millwork are there any requirements in the "Submittals" or "Quality Assurance" paragraphs to indicate that the millwork is to be certified for AIA Quality Certification Program (QCP) or that this project is to be registered as a QCP project. However, in the "Part 2: Products" paragraph of section 12 36 23 Plastic-laminate-clad countertops it says "Provide inspections of fabrication and installation together with labels and certifications from AIA certification program indicating that countertops comply with requirements of grades specified." (see 2.01.A.1) That sentence suggest that the PLAM countertops are intended to be QCP-certified. NOTE: Typically all the millwork is QCP or none of it is. It is very unusual to have only a select component certified. 1) Is the millwork for this project required to be QCP certified? 2) Does the millworker for this project have to be a QCP-certified company?				BP-06A	JJ	Svigals	9/23/2019	LITTLE: Millwork Quality Standards are to comply with AIA "Architectural Woodwork Quality Standards." Millwork and Countertops are not required to be AIA Quality Certified. Fabricator is required to be a AIA participating member and a certified participant of the AIA's Quality Certification Program.
109	Section detail 4 on A10.00 includes a note for waste/recycle bin hardware that says "DOOR MOUNTED, SOFT-CLOSE BOTTOM-MOUNT WASTE AND RECYCLING BINS MANUFACTURER: B.O.D. KNAPS & VOGT." That hardware is not specified in section 06 41 13 plastic-laminate-faced architectural cabinets. 1) a google search reveals that Knaps & Vogt have several systems. Is the intent for us USC series which is door-mounted, but not bottom-mount, with soft-close (see attached spec sheet from the KV website)? Or is the intent for S48 series which can be door or bottom-mount, but is not soft-close (see attached spec sheet from KV website)? Or is the intent for something else entirely? 2) Please identify color required and also the number of bins required.	4	A10.00	06 41 16	BP-06A	JJ	Svigals	9/23/2019	LITTLE: a)Knaps and Vogt USC series is consistent with basis of design intent. b)Detail 4 on sheet A10.00 is referenced at elevation 2 on sheet A6.01D adjacent to the open knee space. This detail shall also be referenced next to the open knee space at elevation 5 on sheet A6.03C. c)At the two referenced kitchens, please provide one of these Heavy Duty, Soft Close, Undermount, Waste & Recycling assemblies with two grey bins. d)Other base cabinets in these kitchens shall be provided per detail 2 on sheet A10.00.
110	Please clarify requirements for washroom vanities: 1) Section details 1 & 2 on A10.01 include a note that reads "SOLID SURFACE COUNTERTOP AND APRON WITH EASED EDGES" and also a note that reads "PLASTIC LAMINATE APRON" which is the correct finish for the apron? 2) Section details include a note for "3/4" x 1/2" x 1/2" WOOD VENEER" at the panels below the vanity counter. Is this correct, or should the finish at these panels be plastic laminate (PLAM) like all the other casework? If it is wood veneer, please identify species, cut, and finish as there is no wood veneer plywood specified in section 06 41.16. Section details include a note for "TOLD-DOWN PANEL LOCK AND FASTENING" that hardware is not specified in Section 06 41.16. Please identify manufacturer & model number.	1 & 2	A10.01	06 41 16	BP-06A	JJ	Svigals	9/23/2019	LITTLE: at details 1 and 2 on sheet A10.02 please provide a) solid surface counter top, backsplash and side splashes. b) plastic laminate apron c) plastic laminate panels below the apron (not wood veneer)
111	Section details on A10.02 include a note for "DQUG MCKEITT #056A GROMMET" at the rectangular grommets in the reception desk countertop. That model # is for a cabinet drawer pull not a grommet. Please identify the correct model # for grommet.	7-Apr		a10.02	BP-06A	JJ	Svigals	9/23/2019	LITTLE: For basis of design please use similar rectangular grommet noted at detail 5 on sheet A10.01. Mockett PCS368/42-94 - Medium Pop-Up Power Grommet
112	Look at wall protection. CR-1 says crash rail at all observation rooms A9.05. The observation rooms have a counter in them. Looking at details on A6.028 shows wall guard which I think is the crash rail in the therapy rooms. Which is correct the observation rooms or the therapy rooms?				BP-09A	JJ	Svigals	9/23/2019	LITTLE: Please see response to question 90 above regarding CR-1.
113	Wall protection corner guards. General note 7 on A8.05 says S.S corner guards on ALL outside corner. Will this just be in the corridors or in all rooms, columns, bump-out, etc.?				BP-09A	JJ	Svigals	9/23/2019	LITTLE: please provide pricing for corner guards at all outside corners
114	Need clarification regarding drawing A8.06 (interior storefronts). Are all the frames on this drawing aluminum storefront frames? Are some of the frames on this page hollow metal?				BP-08B	JJ	Svigals	9/23/2019	LITTLE: Please see response to question 115 below.
115	Frame elevations 1,2,3,4,5,10,11,12 and 13 on drawing A8.06 are shown on the door schedule as "S1L" (hollow metal), et they are also shown on the interior storefront drawing. Please clarify whether these frames are aluminum or hollow metal.				BP-08B	JJ	Svigals	9/23/2019	LITTLE: On Sheet A8.06 elevations 1,2,3,4,5,10,11,12 and 13 are steel frame with aluminum cover per details 20 through 26 on sheet A8.07 and section 08 40 13 Protective Framed Glazing Assemblies. All other elevations on sheet A8.06 are aluminum storefront per details 10 through 16 on sheet A8.07.
116	Details 3 & 4/A6.04B show premanufactured specialty casework items. 12.50.00.N (wall mounted medical millwork w/ integral sink) and 12.50.00.O (wall mounted medical worktable w/ swing arm). The note says reference furniture & equipment narrative. I cannot find a furniture & equipment narrative, will more details be provided? Please advise.				BP-06A	JJ	Svigals	9/23/2019	SP Response: See response to RFI 44
117	Is there more detail on item 10 11 00.H (wood accents)? Is the chair rail CR-1 seen in the finish schedule? CR-1 was not seen throughout the floor or finish plans. Please advise.				BP-06A	JJ	Svigals	9/23/2019	LITTLE: Please see response to question 40 above regarding 10 11 00.H, and response to question 90 regarding CR-1.
118	Exhibit A line 30 notes the requirement for "single-source manufacturer for all different type of glass required for the project". This is not feasible considering the requirement for Specialty MF. Glazing (i.e. fire rated glass). Further, section 08B00- glazing section 2.01 notes a number of different manufacturers for each type of glass. Could this be clarified to single source for each glass type?					JJ & MG	Svigals & Skanska	9/23/2019	SP Response: All exterior glazing to be by one manufacturer. All other glazing types can be individually sourced. Bid Package 08A Curtain Wall / Storefront line item 30 to be deleted.
119	Spec section 084243-ICU and CCU manual entrances and sliding glass contains conflicting info. And conflicts with the drawings: A) section 2.03C notes "single-sliding, single panel" and "single-sliding, three-panel" doors with a 1-3/4"x4" frame. However, the door schedule and floor plan, depict a four-panel bi-parting door with a 2" framing system. please confirm plans vs specs. B) Section 2.03C-10 notes the finish to be class 1 clear anodized, clad in no.4 directional-stain-stainless steel. However, section 2.09, simply states the finish as Class 1 clear anodized. Please confirm desired finish.					JJ	Svigals	9/23/2019	LITTLE: Please see response to question 34 above

120	The interior aluminum storefront system detailed on 10-16/A8.07 is not specified. This appears similar in design to the Kawneer Infram System. Would this be an acceptable option as no basis of design system was listed? Further, there are wood doors included within these frame locations. Are we responsible for these doors, or are they part of bid package 08B. If so, what trade/bid package owns installation of wood doors?				JJ & MG	Svigals & Skanska	9/23/2019	<p>BiD Package scope to be clarified by Contractor?</p> <p>SVIGALS/LITTLE: BOD for fire rated glazing system details on sheet A8.07 in TGP Fireframes aluminum series. (Specification section 08 40 13 Protective Framed Glazing Assemblies provided in addendum)</p> <p>All fire rated doors are indicated to be solid wood doors. BiD Package - 08B Doors, Frames, and Hardware to provide all wood doors. BiD Package - 08A Curtain Wall / Storefront owns installation of any doors within their systems.</p>
121	Exhibit A, Line 53 notes the responsibility for all fire-rated glazing and storefronts. However, there is no specification for fire-rated doors/frames noted on the door schedule, only a number of locations that are noted as wood doors with steel frames with fire rating, but also reference the details on sheet A8.07, which shows the aluminum framed system. Please provide a specification/basis of design for this assembly, and please confirm/clearly the use of wood doors at these locations. And similar to the Item 3 above, who is responsible for the fire-rated wood doors/installation?				JJ & MG	Svigals & Skanska	9/23/2019	Little Response: Please see response to question 120 above
122	Exhibit A, Line 13 notes the responsibility for providing all roof copings, regardless of exterior wall system, so as to maintain a continuous color match with the curtain wall. For the sake of continuity in installation with their system, should this material be furnished to the roofing contractor for installation?				MG	Skanska	9/23/2019	BiD Package- 08A Curtain Wall & Storefront to provide all roof copings and coordinate installation with Roofing subcontractor.
123	Exhibit A, Line 51 states the responsibility for "painted break metal at stairs per 5/A5.08". This poses a number of questions: On detail 5.8/A5.08, this item is called out as "PAINTED BREAK METAL DIAGONAL TUBES TO MATCH THE SIZE OF ADJACENT STRUCTURAL DIAGONAL BRACING, BLIND FASTENED TO STRUCTURE". As this item is drawn similarly to a structural steel tube, and on detail 8 it is shown simply "floating" next to the glass stair rail. On detail 5, it is depicted as being built within the wall construction, and on detail 1, a similarly detailed item is noted as "UNFINISHED PAINTED STRUCTURAL FRAMING". If we have been unable to locate any detailing which clearly depict the intent/extent, or proper fastening detail of this item. C) If this is a true item to be included, please provide clarity to its size material gauge, locations and extent, fastening detail.				JJ & MG	Svigals & Skanska	9/23/2019	SP Response: All Horizontal and Diagonal steel on Z line, between 5 & 8 will be exposed and require intumescent paint where exposed in front of window. Horizontal framing members along 8 line, between X & Z will require intumescent paint where exposed in front of window. A break metal diagonal is provided along 8 line to mimic the structural diagonal along Z line. This break metal should be painted to match the color of the framing, but does not require intumescent paint.
124	Primary/Secondary hydraulic separators. Spec Section 23 21 16, pages 6-F: Would a vessel primary/secondary hydraulic separator be acceptable?			BP - 13A	JJ	Svigals	9/23/2019	BVH Response: Yes.
125	VOID - Repeat RFI			BP 15B - HVAC & BP 15A - PLBG			9/23/2019	
126	VOID - Repeat RFI						9/23/2019	
127	VOID - Repeat RFI						9/23/2019	
128	VOID - Repeat RFI						9/23/2019	
129	VOID - Repeat RFI						9/23/2019	
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136	VOID - Repeat RFI						9/23/2019	
137	VOID - Repeat RFI						9/23/2019	
138	VOID - Repeat RFI						9/23/2019	
139	VRF-4-1 is shown in IDF Room 114 on drawing HP1.04 & P1.04. Condensate piping is shown on P1.04, and dead ends where detail #8 on drawing P200 takes over. Please advise if this line can terminate at the Mop Sink near note #36 on P200, detail #8?	HP1.04, P1.04 & P200		BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: Refer to forthcoming addendum for clarification of condensate piping.
140	VAV-2-4 is shown with a 1" HW5&R branch feeding it, but the schedule on HIDA is requesting 1.1/4" HW5&R? Please advise if the schedule or the floor plan sizing is preferred?	HP1.01		BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: For bidding purposes, please include pricing for the more stringent requirement whenever a discrepancy occurs.
141	Please confirm that any temp heat/cooling needs prior to the permanent systems ability to be utilized will be by others? Additionally please confirm that any utility costs for the use of temp heat/cooling are by others as well?			BP 15B - HVAC	MG	Skanska	9/23/2019	Skanska to provide Rankin heaters for temp heat for winter of 2020/2021. Refer to Skanska schedule for system start ups for heating and cooling required for finish work.
142	VRF-1-1 is shown in Electrical Room 008 on drawing HP1.00 & P1.00. Condensate piping and routing is not shown for this unit? Please advise on the pipe size, routing, termination location, and advise if an auxiliary drain pan is required underneath the routing within the electrical room?	HP1.00 & P1.00		BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: Refer to forthcoming addendum for clarification of condensate piping.
143	Will a P-Trap and splash block at the ERUs directly onto the roof, or is it preferred to have them run to the nearest roof drains?	HP1.05		BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: Condensate piping shall be extended to the nearest roof drain.
144	Spec 23 11 23, paragraph 3.10.8 of the Facility Natural Gas Piping spec states to "Paint exposed, exterior metal piping, valves, service regulators, service meters and meter bars, earthquake valves, and piping specialties, except components, with factory-applied paint or protective coating." Please confirm that a painting contractor owns all painting of pipes, where necessary, and that this requirement would not be on the plumbing contractor?			BP 15B - HVAC	JJ & MG	Svigals & Skanska	9/23/2019	BiD Package - 09C Painting owns all painting notes on the contract documents.
145	VRF-R-2 is shown in the Penthouse PH-01 on drawing HP1.05 & P1.05. Please advise if it is acceptable to dump the condensate in the nearby 3" FD-3 floor drain shown between the two water heaters, or if there is another location preferred for this condensate to dump into?	HP1.05 & P1.05		BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: Floor drain is an acceptable location to dump condensate.
146	Please advise which of the VRF indoor units will require to also have a secondary/auxiliary drain pan underneath them (if any)?			BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: Overflow safety switches are required on all VRF systems. Provide an auxiliary drain pan for VRF-1-1 only.
147	Please provide a specification for the Boiler & Water Heater breaching (Air Intake & Vents) shown on drawing H1.05? Is this breaching meant to be the double wall stainless AL29-4C breaching? Please provide a spec and approved manufacturers so we can make sure we are quoting the accurate material?			BP 15B - HVAC	JJ	Svigals	9/23/2019	BVH Response: A specification will be provided. Breaching shall be AC29-4C as listed in the Condensing Boiler Schedule.
148	HVAC Scope of Work #15 states "This Subcontractor is responsible to furnish and install complete kitchen hood exhaust fan system including, but not limited to controls, ductwork, insulation and internal fire suppression system as shown on contract documents and listed in 23 28 13." Please confirm that the BP-15B HVAC Contractor owns furnishing and installing the ductwork, insulation and providing the hood with the control system, but any remaining controls work will be furnished and installed by the BP-15C Controls Contractor (since controls was removed from our bid package)?			BP 15B - HVAC & BP 15C Controls	MG	Skanska	9/23/2019	BVH Response: All non-factory installed controls shall be furnished and installed by the ATC Contractor.
149	Two existing condensing units are being moved to a new location according to notes #1 & 2 on HP1.05. Please advise if the cost for the service technician to perform all the work noted including, re-piping, re-insulating, testing & startup is already covered by the owner, or is the HVAC Contractor to account for the costs associated with everything noted on Note #1 & #2?	HP1.00		BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: The Mechanical Contractor is responsible for all scope of work excluding electrical work and site work which includes concrete pads.
150	HVAC Scope of Work #21 requests the HVAC Contractor to furnish and install all metering devices. This is something we always request from our controls contractor to furnish, and install any controls related work, while we install within our piping system. Please advise if this scope of work can be changed as noted above, as the controls contractors typically have better pricing and availability to pricing for metering devices?			BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: For bidding purposes, please include pricing to furnish and install flow meters.
151	Please confirm that all motorized actuators and dampers are being provided by the BP-15C Controls Contractor? This is something we always request from our controls contractor when they are part of our bid package, as the controls contractors typically have better pricing and availability to pricing for these devices?			BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: Please bid per plans and specs.
152	HVAC Scope of Work #60 requests the HVAC Contractor to furnish and install all Air Flow Measuring Stations. This is something we always request from our controls contractor to furnish and install (unless it's within the ductwork, where we ask them to furnish and our sub units will install, or within the ERUs, where the unit manufacturer would furnish and install within unit prior to delivery). Please advise if this scope of work can be changed as noted above, as the controls contractors typically have better pricing and availability to pricing for Air Flow Measuring Stations?			BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: ERU airflow stations are furnished and installed by the ERU manufacturer.
153	HVAC Scope of Work #61 requests the HVAC Contractor to furnish and install all ultrasonic flow meters. This is something we always request from our controls contractor to furnish, and install any controls related work, while we install within our piping system. Please advise if this scope of work can be changed as noted above, as the controls contractors typically have better pricing and availability to pricing for ultrasonic flow meters?			BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: For bidding purposes, please include pricing to furnish and install flow meters.
154	HVAC Scope of Work #86 states that Condensate drains will NOT be allowed to drain at service sinks, but all the termination points shown on the plumbing drawings show them draining at service sinks (Mop Sinks)? Please advise if the drawings can be used for estimating purposes, or please reroute piping and provide updated drawings?			BP 15B - HVAC & BP 15A - PLBG	JJ & MG	Svigals & Skanska	9/23/2019	BVH Response: Condensate piping shall be routed as shown on the Plumbing drawings, including termination points such as floor drains and mop sinks.

155	Please advise if the factory testing requested with HVAC Scope of Work # 88 is for the 4 individuals to witness factory testing for the ERUs only, or if there are other equipment that they want to witness testing for as well, which would be a separate trip altogether?				BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: There are no requirements for factory witness testing.
156	HVAC Scope of Work/Supply for the Controls Contractor states they own furnishing and installing spec section 23 05 48 Vibration and Controls for HVAC (COMPLETE)? Please verify that the Vibration-Isolation products being requested unrelated to HVAC Controls (roof curbs, spring isolators, etc.) is actually furnished and installed by BP 15B - HVAC rather than BP 15C - Controls?				BP 15B - HVAC & BP 15C Controls	MG	Skanska	9/23/2019	BVH Response: All non-factory installed vibration and controls shall be furnished and installed by the Mechanical Contractor.
157	Does this project have any Buy American Act (BAA) or North American Free Trade Agreement (NAFTA) requirements associated with the project for materials and equipment purchasing? Need to alert subs and vendors prior to receiving their pricing if this is the case?					JJ & MG	Svigals & Skanska	9/23/2019	There are no BAA / NAFTA requirements.
158	HVAC Scope of Work #28 requests the HVAC Contractor to furnish and install all condenser water pumps and accessories? Please advise if this can be disregarded as no CW&R system is shown on the drawings?				BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: Please disregard as there is no condenser water system in this project.
159	HVAC Scope of Work #40 requests the HVAC Contractor to furnish and install finned tube radiators, fan coil units, and radiant heating panels? Please advise if this can be disregarded as none of this equipment is shown on the drawings or scheduled?				BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: Please disregard as these items do not exist in this project.
160	HVAC Scope of Work #41 requests the HVAC Contractor to furnish and install all humidifiers in duct or in unit? Please advise if this can be disregarded as Humidifiers are not shown on the drawings or called out for in the schedules?				BP 15B - HVAC	MG	Skanska	9/23/2019	BVH Response: Please disregard as these items do not exist in this project.
161	The specification calls for 3mm panels, which are generally meant for signage and/or standalone canopies. 4mm material is standard for wall applications. Should 4 mm be used in lieu 3mm?					JJ	Svigals	9/23/2019	Svigals Response: 4mm panel should be used in lieu of 3mm
162	The Metal Panel system calls for 1 main color and 2 accent finishes, to be chosen from manufacturers full range. Please confirm the requirement for each color selection: A) 2-coat standard solid color? B) 2-coat standard Mica™ C) 3-coat standard metallic? *The mica and metallic finishes have a grain direction that would affect production in maintaining a consistent grain direction throughout the project.					JJ	Svigals	9/23/2019	SP Response: Metal panels shall be provided in full range of manufacturers colors. No custom colors will be required.
163	HVAC Note #8 on H001 states to paint and internally insulate all exposed ductwork. Please confirm that any painting of exposed ductwork necessary for this project will be performed by a painting contractor rather than the HVAC sheet metal subcontractors?			H001, HVAC Note #8		MG	Skanska	9/23/2019	BVH Response: Correct.
164	In addition, notes similar to HVAC Drawing Key Note #1 & #9 on H1.01, which request exposed grilles to be painted to match ductwork and fill oval to be painted per division 9 specs, would that also be performed by the painting contractor as well, correct?			H1.01		MG	Skanska	9/23/2019	BVH Response: Correct.
165	Please advise if Key note #1 regarding painting the PVC wrap to match the painted ductwork will also be done by the Painting Contractor?			HP1.01		MG	Skanska	9/23/2019	BVH Response: Correct.