

ADDENDUM K (NON-DSA APPROVAL)

HAMMEL, GREEN AND ABRAHAMSON, INC., ARCHITECTS & ENGINEERS

1918 Main Street, Third Floor
Santa Monica, CA 90405

PROJECT: Santa Ana College
Science Center

DATE: 9/26/2017

OWNER: RSCCD
2323 N. Broadway, Suite 112
Santa Ana, CA 92706

DSA File No.: 30-C2
DSA Applications No.: 04-115788
HGA Commission No.: 3584-001-00

CONSTRUCTION MANAGER:
BERNARDS
3633 E. Inland Empire Blvd., Suite 800
Ontario, CA 91764

The additions, revisions, omissions, corrections and clarifications contained herein shall be made to drawings and specifications for the project and shall be included in scope of work and bids to be submitted. Additionally, reference documents, such as as-built documentation of existing buildings, are provided to further quantify the scope of work. References made below to specifications, drawings, and other documents shall be used as a general guide only. Bidders and Contractors shall determine for themselves the work affected by Addendum items.

RFP

Item AD-K-1 – Revise RFP Schedule on Page 2 as follows (changes noted in *red*):

Event / Occurrence	Deadline
District Issues RFP & Contract Documents Available	July 26, 2017
Pre-bid Conference (Mandatory for General Contractors)	August 2, 2017 @ 9:00AM
Deadline for Contractors to submit questions regarding this RFP	September 13, 2017 @ 4:00PM
Deadline for MEP subcontractors to submit prequalification package	August 10, 2017 @ 4:00PM
District to provide list of all prequalified MEP subcontractors	August 31, 2017
Deadline for District to issue final addendum (72 hours before date for Proposal submission)	<i>October 4, 2017 @ 10:00am</i>
Deadline for Contractors to submit Proposal	<i>October 9, 2017 at 10:00am</i>
<i>Deadline for Tab IX "Scoping Sheets" and fully completed "Designated Subcontractors List"</i>	<i>October 10, 2017 at 10:00am</i>
District to interview some Contractor(s) (Optional)	<i>October 11, 2017 at 10:00am or 1:00pm and/or October 12, 2017 at 8:00am or 10:00am</i> (Anticipated)
District to finalize recommendation for District Board of Trustees	No Later than October 20, 2017 (Anticipated)
District Board of Trustees approves successful Contractor	November 13, 2017 (Anticipated)

SPECIFICATIONS

None

DRAWINGS

None

RESPONSES TO PRE-BID CLARIFICATION (“PBC”)

Item AD-K-2 – Response to the following PBCs:

- PBC 151
- PBC 154

Item AD-K-3 – PBC Log – for reference only

- If any conflicts occur between the Log and PBCs, PBCs shall supersede any information provided in the log.

Attachments:

AD-K-2 (2 sheets)

AD-K-3 (14 sheets)

END OF ADDENDUM K

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **151**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/01/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com

SPECIFICATION NUMBER:	2_170726_3049_RFP_RSCCD_GMP_FINAL	DRAWING NUMBER:	
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REQUESTED CLARIFICATION:

Due to anticipated last minute equipment proposals we request that a.1)Cost of Work (Subcontractor Performed Scope) in attachment 6 be required to be submitted within 24 hours after the proposal deadline.

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

Refer to ADDENDUM K for schedule revisions and clarification on the extension of submitting Tab ix "Scoping Sheets". Note, Tab a.1 "Cost of Work (Subcontractor Performed Scope)" shall be submitted at the time the GMP is due.

RESPONSE PROVIDED BY:	Allison Coburn	DATE:	9/26/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

Attachment 4

**PRE-BID CLARIFICATION ("PBC") FORM
(ALL questions to be submitted on this form ONLY)**

PBC # **154**
(RSCCD USE ONLY):

PROJECT NAME:	RFP #1718-173 Science Center at Santa Ana College		
PROJECT NUMBER:	3049	DSA NUMBER:	04-115788
TO:	Allison Coburn	EMAIL:	Coburn_Allison@rsccd.edu

DATE:	09/01/2017		
FROM:	Landon McQuestion Balfour Beatty	EMAIL:	lmcquestion@balfourbeatty us.com
SPECIFICATION NUMBER:	099600	DRAWING NUMBER:	

REQUESTED CLARIFICATION:

Specification Section 099600-High Performance Coatings
The spec references "AES".. "Architecturally Exposed Steel" is to receive this coating.
Which plans is the "AES" specifically referenced and called out.?
My assumption, at this point in time, is that the "AES" is the structural steel exposed in
the "Exposed Ceiling" areas indicated on the Reflected Ceiling Plans for each floor
and exposed roof framing members.
Please Clarify...

RESPONSE TO CLARIFICATION, SUBMITTED AS PART OF AN ADDENDUM:

"AES" is not specifically called out in the drawings. Please provide High Performance Coating on exposed steel columns, exposed steel braces, steel stair elements(with exception of handrails), exterior steel fence, and exterior steel gates. Refer to updates in forthcoming Addendum #4 for clarification.

RESPONSE PROVIDED BY:	Stacy Kwok/ HGA	DATE:	9/26/17
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Attach additional numbered sheets as necessary; however, only one (1) request shall be contained on each submitted form.

PBC Log							
PROJECT: Rancho Santiago Community College District Santa Ana College - Science Center DSA #04-115788							
PBC #	Revision	TRADE/CATEGORY	SHEET / SECTION	DETAIL / PAGE	QUESTION / COMMENT	RESPONSE TO COMMENT	DATE RESPONDED
1			RFP	Page 3, Sub-Prequal	In reviewing Page 3 of the RFP for Subcontractor Prequalification, we are in the process of requesting that our MEP subcontractors complete the prequalification application (attachment #2), and our intent is to follow attachment #3 for the subcontractor procurement process once they are prequalified and list of prequalified subs is provided by the district, and once we select them, we intend on providing the Designated Subcontractor list, attachment 5 (page 5); <u>Question1</u> : We wanted to double check with the district and verify if the General Contractors need to submit anything on behalf of the Subcontractors by the August 10th deadline, as it appears that the subcontractors are submitting to the district directly? Please clarify and/or confirm. <u>Question2</u> : Will List of prequalified MEP subcontractors provided by the district be a compilation of All MEP subcontractor submissions and available for all General Contractors to use and list, we presume that no MEP subcontractor will be exclusive to one GC or another? Please confirm and/or clarify. Thanks!	Q1: Correct, subcontractors shall submit their prequalification package (number of copies as stated in the RFP) directly to the District, no later than the date indicated in the RFP schedule on page 2. Prequalification package shall be delivered to: Rancho Santiago Community College District Facility Planning, District Construction and Support Services 2323 N. Broadway, Suite 112 Santa Ana, CA 92706 Attention: Carri M. Matsumoto, Assistant Vice Chancellor Q2: Correct, the District will issue a prequalified subcontractor list and share with all General Contractors via addendum no later than the date indicated in the RFP schedule on page 2.	8/3/17
2			RFP	Page 3, Sub-Prequal	Can we submit the electronic copy on a CDrom or is a thumb drive mandatory?	CD-ROM is acceptable as well.	8/3/17
3			RFP	Page 3, Sub-Prequal	Where do we submit the subcontractor prequal? The same as the RFP? Rancho Santiago Community College District Facility Planning, District Construction and Support Services 2323 N. Broadway, Suite 112 Santa Ana, CA 92706	Refer to response provided in PBC#1.	8/3/17
4			RFP	Page 3, Sub-Prequal	What is the intent of this question: Number of years Subcontractor has done business in California under contractor's license law?	Provide number of years Subcontractor has performed business in California in accordance with the California Contractors License Law (California Business and Professions Code Chapter 9, Sections 7000 - 7191)	8/3/17
5			RFP	Page 3, Sub-Prequal	I just wanted to verify, are we still required to turn in 6 hard copies and one thumb drive? Regarding the Electronic copy that must be submitted, may it be done via email?	Hard copies of the pre-qualification package and GMP package shall be provided in accordance with the RFP. Email will not be an acceptable delivery of the electronic copy (CD-ROM or thumb drive only).	8/3/17
6			RFP	Page 3, Sub-Prequal	I am currently filling out the prequalification for the Science Center at Santa Ana College. Our financial information has to be sent under a separate cover via UPS due to our size. I see that the college is requesting 6 hard copies and an electronic copy of the package. Will one hard copy of our financials suffice?	Correct, only one (1) hard copy of the Firm's audited financial statement needs to be submitted.	8/3/17
7			RFP	Page 3, Sub-Prequal	What are the licensing requirements for a subcontractor wishing to bid on the Demo/Grading portion? Will a Class "A" license suffice or would they be required to have a "C-12" license? If Class "A" is acceptable, will the subcontractor have to complete a prequalification with RSCCD?	Scoping and bid packaging of the project is at the discretion of each General Contractor. The District only requires that all scopes of work be performed by a contractor with the correct license type.	8/8/17
8			RFP	Page 3, Sub-Prequal	On page 3 of the Request for Proposals, you indicate that all subcontractors with a C-43 (sheet metal) license must prequalify with the District. Is the intent to prequalify only those sheet metal subcontractors working on HVAC / ducting, or should architectural / building sheet metal subcontractors also submit a prequalification application with the district?	If the subcontractor will perform work that requires a C-43 license and will therefore be performing under its C-43 license, then that subcontractor must prequalify.	8/8/17
9			RFP	Page 3, Sub-Prequal	As a privately held company, we are required to have the recipients of our financials sign a Non-Disclosure Agreement (NDA). Will the district please execute the attached NDA and return to me via email?	The District will not sign any form of Nondisclosure Agreements, but assures Firms that the information provided in financial statements will be kept confidential.	8/8/17
10			RFP	Attachment 2	Please confirm that the only documents needed to be submitted with Attachment 2, (Prequalification Application) are the Financial Statements for the last two years? We wanted to double check to see if we would have to attach, for example, a signed Bondability letter or our proof of insurance, etc.?	Per the RFP, Submit Attachment 2 along with a financial statement.	8/8/17
11			RFP	Attachment 2	Is it acceptable to write "see attached" on the subcontractor project reference sheet with a signature at the bottom;and then provide a project chart/list sheet which includes the required projects and projects information in lieu of typing out 30 individual project sheets?	Subcontractor Project References shall be provided on the form provided in accordance with the RFP.	8/8/17
12			RFP	Attachment 2	RFP, Attachment 2 "Prequalification Application (Subcontractors)" on page 4, question 1 mentions that the subcontractor had to have completed a minimum of 3 DSA projects with a value of at least \$500,000 in the past 5 years. It is extremely difficult for Fire Sprinkler subcontractors to fulfill this requirement. Would it be possible to modify this requirement? Or simply eliminate the necessity to pre-qualify Fire Sprinkler subcontractors? Please advise.	This requirement has been reduced. Please review Addendum B.	8/8/17
13			RFP	GMP Workbook	On the Excel GMP Proposal Form, Item d) Bonds, the embedded formula in cell F12 which reads: =Sum(E12*F11) appears to be in error. This only calculates the Bond Rate (cell F12) x the Total Alternate Price (cell F11). We believe the proper Bond Cost formula should be: =E12*Sum(F1 0:F11) which would calculate the Bond Cost based on the Subtotal of the Cost of Work + General Conditions Cost +Alternates Price Total. Please advise.	Formula was incorrect and can be revised by contractor manually to reflect E12*F12 (BOND RATE x SUBTOTAL) or a new corrected version of the form can be downloaded at the following link: https://www.dropbox.com/sh/m3dvlxuo3jhrne/AAAlfReVahU0134TeAveFQFVa?dl=0	8/8/17

PBC Log

PROJECT: Rancho Santiago Community College District
Santa Ana College - Science Center
 DSA #04-115788

PBC #	Revision	TRADE/CATEGORY	SHEET / SECTION	DETAIL / PAGE	QUESTION / COMMENT	RESPONSE TO COMMENT	DATE RESPONDED
14			RFP	Pass/Fail Questions	Our firm is a small sub-contractor to the sub-contractors hired by the primes. We have been asked by our clients to complete the pre-qualification documents in order to participate on your projects; In this instance "Science Center at Santa Ana College" Our question is: on item 1 and 2 of the pass/fail questions. Our project award total price are on average single digit percentages of the entire project. We do not have project awards that could meet this amount. How do we answer this question without failing? Please see the attached for example.	Only first-tier MEP subcontractors need to pre-qualify. If, as a first-tier sub your Firm cannot answer YES to pass/fail questions 1 and/or 2, then your firm is not qualified for the project. If your Firm is bidding the project as a second, third, or lower tier MEP subcontractor, your Firm is not required to pre-qualify.	8/15/17
15	R1	Concrete Access.	031500		Specification Section 031500 – Concrete Accessories references Related Section 032000 Concrete Reinforcing (031500-1.B.2), however this Specification Section is not provided. Also Section 031500-3.1A indicates to install concrete accessories and related materials as specified in Section 031100 – Concrete Formwork and this specification is also not provided. Please provide both missing specifications.	Specification Sections 031100 and 032000 are not included in this package, as the information for reinforcing and formwork is included in Section 033000. Forthcoming Addendum 2 will correct the incorrect spec section references noted above.	8/31/17
16	R1	Rebar / Concrete Access. / Concrete Formwork	031500		Specification Section 031500-2.1A specifies the minimum under slab vapor barrier thickness at 15-mil, however 1C/S0.11 indicates that the vapor barrier is 10-mil per Geotechnical report. Upon review of the Geotechnical Report a specified thickness for the vapor barrier is not indicated. Please confirm what thickness is required.	Refer to Addendum 2 for updated specifications.	8/31/17
17	R1	Concrete	S2.01		On sheet S2.01 in the pile cap symbol where it indicates the top of footing elevation relative to the lowest adjacent top of slab elevation, all but one have a '-' indicating the depth of the top of footing. Please confirm that all the top of footings are to be located at 1'-6" below top of slab.	All top of footings are to be located at -1'6" (from the slab on grade), except the pile cap at 2/B-C.	8/31/17
18	R1	Concrete	S2.01		On sheet S2.01 at GL 4 between GL E & F the Pile cap is labeled as PC3, however on sheet S3.02 there is no PC3 in the schedule. Please advise if this should be labeled PC3A or PC3B?	PC3 should be replaced by PC3A.	8/31/17
19	R1	Concrete	1/S3.02		Detail 1/S3.02 there is a pile cap labeled PC6, however on the plans there is no PC6. Please confirm this pile cap should be PC6B in the schedule.	Please see attached mark ups to clarify the pile cap designations. Will be updated in Addendum #2 drawings.	8/31/17
20	R1	Plumbing	211313	actual page 8	Confirm that the pipe for sizes 2.5" & larger are to be Sch 10 per par. 2.3-A-2 and that par. 2.3-A-1 is to be deleted. Note that Sheet FP-001 Fire Protection Notes 13 calls for Sch 10 piping, or confirm that this is a "subcontractor's option" to select the material of their choice.	Both section of the specification apply. Pipe sizes 2-1/2" and larger can either be schedule 10 or 40. However, the means of jointing the pipe must comply with section 2.3.A.1 and 2.3.A.2. Piping with wall thicknesses less than schedule 10 is unacceptable.	8/31/17
21	R1	Plumbing	221116	page 2	The Above Grade piping is called out as Type K, however Sheet P0.02 Piping Material Schedule calls for Type L instead. Coordinate & correct as necessary, or confirm that this is a "subcontractor's option" to select the material of their choice.	Use Copper Type L for above ground domestic & industrial water piping per P0.02. Div 221116 will be updated and issued in addendum 3.	8/31/17
22	R1	Plumbing	221119	page 2	The listed products do not have Wilkins which is listed on P0.02 Backflow Preventer Schedule, so either add Wilkins to the specifications, or revise the schedule to a different Basis-of-Bid model by Ames (or other company per this section).	Wilkins will be added in the specifications to be consistent with P0.02. Div 221119 will be updated and issued in addendum 3.	8/31/17
23	R1	Plumbing	221223	page 2	The PE Potable-Water Storage Tanks do not appear on P0.02 schedules. Confirm the location of the "PE" tanks, or delete this paragraph.	PE tank is not used for potable water and will be deleted from specifications. Div 221223 will be updated and issued in addendum 3.	8/31/17
24	R1	Plumbing	221223	page 2	The Steel, Precharged, Potable Water Storage Tanks are listed as DT-1 & ET-1, however P0.02 Tank Schedule lists these at ET-1 & ET-2 by Amtrol and these are not listed in this section. Note that Section 223400 par. 2.3-A-1 specifies Expansion Tanks by Amtrol, so coordinate & correct to the basis-of-bid. Also, the P0.02 Tank Schedule lists ST-1,2 by Bradford White & SB-1 by Jensen both of which may need to be added to this section since those Tanks nor manufacturers are not listed at all in the specifications.	Follow P0.02. Div 221223 & 223400 will be updated and issued in addendum 3.	8/31/17
25	R1	Plumbing	221423	page 2	Overflow Roof Drain ORD-2 is not listed on the P0.02 Plumbing Fixture Schedule. Confirm that this paragraph is to be deleted. Note that ODS-1 appears on the P0.02 Plumbing Fixture Schedule and is not listed in the specifications, and if added to the specs note that some of the ODS-1 outlets are 4" as shown on P2.01.	ORD-2 will be deleted. ODS-1 will be added to 221423 and will be issued in addendum 3.	8/31/17
26	R1	HVAC	232500	page 3	The manufacturers do not list Wingert as called out on M0.12 Chemical Pot Feeder Schedule. Confirm that Wingert is a pre-approved equal.	Wingert is an acceptable manufacturer.	8/31/17
27	R1	Electrical	260543	page 1	Confirm the locations of any Concrete Encased Ductbanks as these are not currently "indicated on Contract Drawings". Note that E1.2 does not have any callouts for these ductbanks per Detail 1/E0.6A.	All MV and 600v. feeder duct banks shall be concrete encased per 260543. See revised Enlarged Site Electrical Plan E1.2 issued in Addendum 2.	8/31/17
28	R1	Plumbing	C1.50	LW	The Lab Waste (LW) piping is shown on this drawing along with S53 Cleanouts. The LW piping is also shown on P1.11. On both of these drawings, provide the piping size & type for each section.	Sizing information are currently reflected on the riser diagram and will be added on P1.11. P1.11 updates will be issued in addendum 3.	8/31/17
29	R1	Laboratory Furnishing and Equipment	LF-drawings		Generally there are many locations that do not have an Interior Elevation. If possible, provide an elevation for each Lab Wall.	Existing symbols legend, notes, casework menu, schedules, details, elevations, specifications, and other bid document information are sufficient. No additional lab casework elevations are required.	8/31/17
30	R1	Laboratory Furnishing and Equipment	LF2.02A	Detail 1	One of the Dissection Tables has a pointer with a note, however the other table should have an arrow-pointer for that same note to confirm that the 2 tables are included in this bid.	See drawings revisions in forthcoming Addenda.	8/31/17

PBC Log

PROJECT: Rancho Santiago Community College District
 Santa Ana College - Science Center
 DSA #04-115788

PBC #	Revision	TRADE/CATEGORY	SHEET / SECTION	DETAIL / PAGE	QUESTION / COMMENT	RESPONSE TO COMMENT	DATE RESPONDED
31	R1	Laboratory Furnishing and Equipment	LF2.02A	Detail 1	The two "Stacked Zoology/Ornithology Cabinets" needs a "Tag" callout for more information such as "TA45" as shown on LF1.02 Casework Menu for these Tall Cabinets. Or provide the mfr. & model for these specialized cabinets.	See drawings revisions in forthcoming Addenda and refer to specifications.	8/31/17
32	R1	Laboratory Furnishing and Equipment	LF2.02B	Detail 1	The second island from the right has no callouts for 6 of the Deck Service Fitting symbols which should be LV(2) & LG(2).	See drawings revisions in forthcoming Addenda.	8/31/17
33	R1	Laboratory Furnishing and Equipment	LF2.02B	Detail 1	Confirm if the MP5442 unit has a finished epoxy top, or if this top is to be a Lab Casework material instead.	See drawings revisions in forthcoming Addenda.	8/31/17
34	R1	Laboratory Furnishing and Equipment	LF2.02C	Detail 1	There appears to be a missing callout for "diamond 1" Pipe Drop Enclosure at this location.	See drawings revisions in forthcoming Addenda.	8/31/17
35	R1	Laboratory Furnishing and Equipment	LF2.02C	Detail 1	The far-left table has a callout for a PTD & SD, however the other 3 tables have either nothing or just an "SD" callout. Confirm that this is correct, or add additional callouts for PTD and/or SD as required near Sinks SK1. Note that the Island Sinks SK1 on LF2.03B each have an "SD" but no "PTD" called out.	See drawings revisions in forthcoming Addenda.	8/31/17
36	R1	Laboratory Furnishing and Equipment	LF2.03B	Detail 1	At the Fume Hood is a callout for "SS30C" and "KO36". Confirm if this correct, as there is no interior elevation to confirm.	Call outs correct as shown in drawing.	8/31/17
37	R1	Laboratory Furnishing and Equipment	LF2.03B	Detail 1	At the far-left & below the Fume Hood is a symbol that appears to be a Wall Cabinet for "diamond 3" above the G36* Cabinet. Confirm if a "diamond 3" is to be included or not at this location.	See drawings revisions in forthcoming Addenda.	8/31/17
38	R1	Laboratory Furnishing and Equipment	LF2.03B	Detail 1	The Fume Hood is called out as "4CFH", however Sheet LF1.01 Chemical Fume Hood Schedule does not list this type. Provide the basis-of-bid mfr. & model and all other information called out in that schedule for this unit.	See drawings revisions in forthcoming Addenda.	8/31/17
39	R1	Laboratory Furnishing and Equipment	LF2.03C	Detail 1	At the upper-right, there appears to be some missing callouts for a "PTD" Paper Towel Dispenser & "SD Soap Dispenser at this location. Confirm if the bidders are to include these or not.	See drawings revisions in forthcoming Addenda.	8/31/17
40	R1	Laboratory Furnishing and Equipment	LF2.03C	Detail 1	At the far-left, there are 6 Shelving units called out as "3624", however there is no callout for a "diamond" note. Confirm that these shelves should be "diamond 5", or other callout as the basis-of-bid since there is not interior elevation to confirm this item.	See drawings revisions in forthcoming Addenda.	8/31/17
41	R1	Laboratory Furnishing and Equipment	LF4.06	Details 1,2,4,5,6,8	There are 7 callouts referring to Backing Plate "per Structural Detail G1/S0.5" that should be "G1/S0.50" instead.	See drawings revisions in forthcoming Addenda.	8/31/17
42	R1	HVAC	M0.14	General Exhaust Valve Schedule	The following GE Valves AIRFLOW Maximum (cfm) do not match the listed CFM on the M-drawing Floor Plans: GEV-201 calls for 3040 cfm on the Schedule, but is 3030 cfm on M2.02 GEV-202 is 970 vs. 870 on M2.02 GEV-206 is 2000 vs. 2110 on M2.02 GEV-207 is 2000 vs. 2110 on M2.02 GEV-209 is 750 vs. 730 on M2.02 GEV-212 is 1730 vs. 1930 on M2.02	GEV exhaust airflows in schedules are correct. Airflows in plans have been revised to match schedules. Sheets will be updated in Addendum #3 issue.	8/31/17
43	R1	Plumbing	P0.02	Plumbing Fixture Schedule	RD-1 Roof Drain & OD-1 Overflow Drain are listed as Zurn Z100, however this company is not an approved mfr. in Section 221423 par. 2.1. Please coordinate & correct.	Follow P0.02, spec 221423 to be updated and issued in addendum 3.	8/31/17
44		Plumbing	P2.01	Plumbing Sheet Note 13	The Electronic Trap Primers (TP-2) are not shown on the E-drawings. Provide the conduit size, wire size & quantity, and circuit connection callout to the Panelboard, noting that there are 9 TP-2 callouts on this sheet.	Provide 120v. power connections to each trap primer location, quantity of (9). Provide 2#12, 1#12 grd. -3/4" c. to from the trap primers to Panelboard 1PB2 on the first floor, Panel 2PB2 on the second floor and 3PB2 on the third floor. Connect to spare 20 Amp 1 pole circuit breakers in each panel. Update panel circuit directory.	9/14/17
45	R1	Site Concrete	E0.5	Lighting Fixture Schedule	Provide a Mounting Detail callout & a detail showing the in-ground concrete footing dimensions, rebar size & spacing (if any) for the following site lights: O1, SL4, SL5.	Will issue mounting details for Types O1, SL4 and SL5 in a forthcoming addendum.	8/31/17
46	R1	Electrical	E0.5D	Detail C	Confirm that the concrete footing for the Bollard is to be 4000 psi to match Details A,B/E0.5.	Yes, bollard concrete footing to be 4000psi.	8/31/17
47	R1	Electrical	E1.2	Plan Notes 14	A callout of this Plan Note 14 does not appear on this Site Plan, add a callout if it is required or list as "not used" if it is not.	Plan Notes to be revised. See revised Enlarged Site Electrical Plan in forthcoming addenda.	8/31/17
48	R1	Security	SE5.01	System Camera Schedule	The following Camera Device Numbers were not located on the SE Floor Plans: SC001, SC101, SC202, SC302. Add these callouts to the Floor Plans, or delete if not required.	Device numbers have been removed from the schedule. Updated as part of Addendum 2.	8/31/17
49	R1	Mobile Storage Systems	105626.13	page 4; par. 2.7-B &	These paragraphs mentions that the "intermediate storage shelves of wire design", however the mfr. & system per par. 2.1-A Aurora Quik-Lok does not make wire shelving for the Mobile Storage Units. Confirm that the Aurora system bidder is approved to provide solid metal shelving.	Confirmed. Please provide solid metal shelving for the high density storage. Addendum 2 will reflect this change.	8/31/17
50		Mobile Storage Systems	105626.13		Provide the number of shelves required or provide an elevation of this Mobile Storage system.	Provide 7 opening (6 shelves) with 3 dividers per shelf at each storage unit. Shelves to be adjustable in 1-1/2" increments. Per 2/A202, there is a total of 12 mobile storage units and 6 fixed storage units.	9/5/17
51	R1	Demolition	024116	page 3; par. 3.2-D	Provide a list of Salvaged Items as there is a lot of work associated with this scope-of-work if it exists.	The college will be removing all items required to be salvaged prior to start of demolition. To more clearly convey the existing items that should be accounted for in the demo scope, photos of the existing conditions will be taken after removal of salvaged items, and will be issued via forthcoming addendum.	8/31/17

PBC Log

PROJECT: Rancho Santiago Community College District
 Santa Ana College - Science Center
 DSA #04-115788

PBC #	Revision	TRADE/CATEGORY	SHEET / SECTION	DETAIL / PAGE	QUESTION / COMMENT	RESPONSE TO COMMENT	DATE RESPONDED
52	R1	Earthwork	312000	page 3; par. 2.1-D	The Base Course is listed per SSPWC 200-2.2 Crushed Agg Base, OR 200-2.4 Crushed Misc. Base. This means that the bidders will provide the base of their choice, however Section 321216 par. 2.1-A calls for Crushed Rock per SSPWC 400-4.2.3 for AC Paving base, and further Details 2,4/C5.00 mention that the base is CAB or CMB while Details 6,7,9/C5.00 mention Base Course "per Project Geotechnical Report". Note that the Geotechnical Report, page 19, Article 4.6.1 at the "Recommended Pavement Section Thickness" chart at the bottom has a note "*** Crushed miscellaneous base materials are not recommended to be use beneath pavement." However since this is a recommendation and not a Basis-of-Bid requirement, the bidders need direction on the Base Course under AC Paving and under Site Concrete Paving.	Specs section 321216, part 2.1 and details 2,4,6,7,9/C5.00 have been revised in forthcoming addenda to be Class 2 Aggregate Base per Project Geotechnical Report Recommendations. Crushed miscellaneous base shall not be utilized on the project.	8/31/17
53	R1	AC Pavement	321216	page 1; par. 2.1-B	The Fine Aggregate is specified, however provide the location on this project where this material is used under Asphalt Paving, or delete if this is not required.	Fine aggregate is not used in the project and is deleted in the forthcoming addenda specs section 321216.	8/31/17
54	R1	Concrete Pavement	321313	page 1; par. 2.1-A	Welded wire mesh is listed for the Site Concrete Paving, however none is shown on the C-drawings. Either delete this paragraph or confirm that this is a subcontractor's option to provide wire mesh instead of rebar since it is specified.	Welded wire mesh is not used in the project site concrete paving and is deleted in the forthcoming addenda specs section 321313.	8/31/17
55	R1	Concrete Pavement	321313		Confirm if any Sealer and/or Densifier is to be included for the Site Concrete Paving since Section 321400 Unit Paving par. 2.5-2 calls for a BP Pro sealer at the pavers. If required, provide a mfr., product and application rate.	Sealer and/or densifier is not anticipated for the site concrete paving. This will be confirm with owner and mfr. products will accompany the forthcoming addenda if needed.	8/31/17
56	R1	Concrete Pavement	321373		There are no details on the L-drawings nor criteria showing the Site Concrete Joints in order to determine the quantity of this section. Provide details showing the CJ & EJ layouts for the site paving. Note that Detail 1/C5.00 shows the EJ, and Details 3,4,7/C5.00 Notes 3 mentions "see plan for location of Control Joints" however the plan does not have any callouts for CJ nor EJ	Parameters for control joints, expansion joints are provided in forthcoming addenda civil paving plan and details.	8/31/17
57	R1	UG Utilities	C1.50	Other Utilities Note U9	At the lower-left is a callout for U9 which needs a description at the Utility Construction Notes.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	8/31/17
58	R1	Unit Pavers	L1.01	Construction Legend Notes 2,3,4	Provide the pattern, texture & finish for each of the Unit Concrete Pavers since Section 321400 does not have that info.	Unit concrete paving refer to Construction Plan L1.01, Construction Legend #2. Concrete Paver Type: 15"X30" mesa beige Finish: Shotblast Pattern: Running Bond	8/31/17
59	R1	Unit Pavers	L1.01	Construction Legend Note 4	Provide the thickness of the 6x6 Mesa Beige Unit Pavers, such as 6 CM.	6x6, mesa beige unit pavers not used and had been deleted.	8/31/17
60	R1	Concrete Pavement	L1.01	Construction Legend Notes 5,6	Provide the Topcast Finish such as "03" matching Legend Notes 1 & 7, noting that Topcast needs to be added to Section 321313 par. 3.6 as well as deleting all non-used finish info in that paragraph. Also reference Details 1,2/L1.02 do not exist and need to be provided or refer to Detail 4,7/C5.00 and provide a detail for the "banding".	Top Cast Finish included in specs 321300 in forthcoming addenda specs. Refer to construction legend #1, 2, 3, and 5 on sheet L1.01 for concrete finish. Site concrete joints refer to civil plans. Banding is not used.	8/31/17
61	R1	Concrete	A065	Detail 1	The area within the CMU walls at the Generator does not identify the finish of this area around the Electrical Equipment Pads, such as Rock or Soil or DG or other. However if this area is to be a concrete slab, the following sheets do not identify the info for the concrete slab thickness, base type & thickness (if any), rebar size & spacing (if any), slab finish type, CJ & EJ info, etc.: 1/A065, A/S2.61, C1.60 nor L1.01.	Per 1/A065, the area within CMU walls at the Generator is 8" concrete slab with 6" equipment pads on top. Please refer to 1/S0.11 for typical slab on grade details. Control and Expansion joints per C1.60.	8/31/17
62	R1	Fencing	A066	Detail 6	Provide a footing detail for the Automatic Door Operators including dimensions, and rebar size & spacing info.	Refer to Addendum 2 for update detail 6/A066.	8/31/17
63	R1	Fencing	A082	Door Schedule	Doors SC001B & SC001C Gates call for HDWE Group SH-20, however Section 087100 (page 54) calls for these doors to be "HMD x HMF" but these are Gates per Detail 5/A067 which show HSS Tube Steel instead.	Gates SC001B and SC001C are gates to have Tube Steel per detail 5/A067. Change will be updated in forthcoming addendum.	8/31/17
64	R1	Cement Concrete Pavement	C1.60/L1.01		At the upper-left, the Limit-of-Work Line is on the right-side of the sidewalk (runs north-south) signifying that this sidewalk is not to be included, however on L1.01 that Limit-of-Work is on the left-side of that sidewalk and should be included. Coordinate & match these drawings to each other.	Limit of work clarified on forthcoming addenda civil plans. The sidewalk is existing and to be protected in place.	8/31/17
65	R1	DVBE Participation	RFP	DVBE	Can you please let me know what the specific DVBE goal is for the project and is it a required spending goal or a good faith effort?	The DVBE participation percentage is on a project by project basis and a good faith effort. Refer to the form in the RFP on page 8, Attachment 5.	8/31/17
66	R1	Designated Subcontractors List	RFP	Subcontractor Listing	In reference to RFP, Contents of Proposal, (TAB D), Additional Forms, Attachment 5 – "Designated Subcontractors List", will the district allow Proposers to submit all information as requested on page 5 of Attachment 5 within 24 hours of submitting proposals?	At a minimum, Contractors must include subcontractors name, location of business, and California contractor license number on the designated form with their proposal. All remaining information on the form may be provided no later than 24 hours after the deadline to submit the proposal.	8/31/17

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67	R1	Metal Panel Finishes	074213 074243		SUBJECT: Color Selection for Metal Panel Finishes Both specification sections stated above, read as shown. 074213-3, paragraph 2.5 Finish, 1. Colors Refer to Material Identification Codes. 074243-2, paragraph 2.5 Finish, B. Colors: Refer to Material Identification Codes The colors are indicated on drawing A011 Material ID Codes for metal panels MP-1A, MP-1B, MP-1C, but not for MP-2A; this reads "color selected by Architect". Please provide:	MP-2A color to be Weathered Zinc (Mica).	8/31/17
68	R1	Greenhouse	A011 A062		Sheet A062, note a bottom right says "Greenhouse assembly and glazing provided by Greenhouse Vendor. CMU wall base provided by Contractor". Sheet A011 calls for International Greenhouse as the Manufacturer. Please clarify if procurement and installation of the Greenhouse assembly and glazing is part of the General Contractor scope or whether it is contracted direct by the District, therefore NIC. If it is part of the General Contractor scope, please provide Manufacturer rep contact info, model number, spec sheets and product details.	Procurement and installation of the Greenhouse assembly to be provided by General contractor. Please contact: Jeff Bridgewater (jeff.bridgewater@igcusa.com) and Ben George (ben.george@igcusa.com) from International Greenhouse as basis of design. Model number is TR2040DG. Refer to non-DSA approved basis of design Greenhouse details on the following page for reference.	8/31/17
69	R1		012300		Spec 012300, paragraph 3.03 A calls to provide a 3-year extended warranty. In the case of HVAC, spec 230000 , paragraph 1.35 A calls for a 2-year warranty. Please clarify if the alternate is an additional warranty for a total of 5 years or a 3-year warranty in lieu of the 2 year warranty, and does it apply to all trades specified.	Alternate listed in specification indicates providing pricing for a labor warranty for 3-years total (in lieu of 2) for the work categories listed.	8/31/17
70	R1			Firm's Methodology	RFP paragraph 2.1. District's Evaluation: Methodology and Approach section states there will be 80 possible points allotted towards the "Firm's approach and methodology for construction services" yet there is no reference to this being required in the Attachment 6 "Required GMP Template Workbook". Is the Firm's Methodology and Approach required as part of the Contents of the Proposal submittal? If yes, please advise what tab this falls under.	Methodology and Approach may be summarized at the beginning of TAB A separate from the GMP Template Workbook.	8/31/17
71	R1		RFP	Subcontractor Listing	Page 5, paragraph 1.2 (Tab B) Contractor's Subcontractors. The description of this tab refers to Attachment 3, which is the "Subcontractor Procurement Process" that all Contractor's shall follow. The List of Subcontractors is currently part of Attachment 5, which is required under Tab D: Additional Forms. It doesn't look like any information needs to be provided for tab B. We are under the assumption that this tab will not be used to list the Designated Subcontractors. Please clarify what information is to be provided under Tab B.	TAB B shall be where the Contractor indicates that they have adhered to the process described in Attachment 3. The listing of subcontractors as Attachment 5 shall be provided in proposal under TAB D.	8/31/17
72	R1			Page Count	Page 2, under "Proposals" states that the "Firm's response shall not exceed sixty (60) pages." Does this count include the Workbook tabs?	The 60 page count may exclude the GMP Workbook tab.	8/31/17
73		Masonry	A011		Sheet A011 - CMU-11 and CMU-12 call for Burnished block, but neither of them have a color of block selected. Please provide what color the block should be?	CMU-11 and CMU-12 color to be Black 100MW. This will be updated in forthcoming Addendum #3.	9/5/17
74		Plumbing	211313	actual page 3	Confirm that all fees have been paid for by the Owner & permits have been obtained, and that this paragraph does not apply to this project.	All DSA related permits and fees are to be paid by the District. Any other inspections, permits or business related fees required by local agencies and/or jurisdictions are to be covered by the Contractor.	9/22/17
75		Plumbing	221413	page 2	The Rectangular Drain Pipe and Fittings are not listed on P0.02 Pipe Material Schedule. Confirm that this paragraph is to be deleted, or provide the location for this piping.	Rectangular drain pipes are not used and will be deleted from spec 221413 an will be issued in addendum 3.	9/14/17
76		Electrical	260543	page 2	The Concrete Encased Ductbanks are called out with 2500 psi, however Section 260505 par. 2.12-A-1-b and 3.3-1-4-c call for 2000 psi. Confirm which is correct.	Provide 2500 psi per 260543.	9/14/17
77		UG Utilities	331100	page 3	Confirm that Corrosion-Protection is not required for this project since there is no Ductile-Iron piping shown on C1.50 for the Domestic Water nor the Fire Service which both call for PVC piping, and this par. is to be deleted. If not, provide the location where this is required.	Currently, it is not anticipated that corrosion protection is needed for this project as designed. However, if unforeseeable circumstances arise that would require ductile piping, this section would apply as the site has moderate to very corrosive soils. This paragraph will remain.	9/14/17
78		Toilet Accessories & Partitions	LF1.00	Typical Abbreviations	Provide the Basis-of-Bid PTD mfr. & model, note that there is a Toilet Room Paper Towel Cabinet listed in Section 102813 par. 3.4-F that might be acceptable.	Refer to spec section 102813 for basis of design toilet accessories manufacturers and models.	9/5/17
79		Toilet Accessories & Partitions	LF1.00	Typical Abbreviations	Provide the Basis-of-Bid PTD mfr. & model, note that there is a Toilet Room Soap Dispenser listed in Section 102813 par. 3.4-G that might be acceptable.	Refer to spec section 102813 for basis of design toilet accessories manufacturers and models.	9/5/17
80		HVAC	M0.13	Variable Air Volume Boxes Schedule	The following VAV Boxes AIRFLOW Maximum (cfm) do not match the listed CFM on the M-drawing Floor Plans: CAV-103 calls for 370 cfm on the Schedule, but is 500 cfm on M2.01 CAV-222 is 340 vs. 330 on M2.02 VAV-316 is 340 vs. 280 on M2.03 VAV-321 is not listed on M2.03 at all CAV-322 is 330 vs. 340 on M2.03	CAV-103 airflow is 370 cfm. CAV-222 airflow is 330 cfm. VAV-315 airflow is 340 cfm. VAV-321 call-out added. CAV-322 airflow is 330 cfm. Changes will be reflected in Addendum #3 issue.	9/14/17
81		HVAC	M0.13	Exhaust Constant Air Volume Boxes Schedule	The Schedule calls for ECAV-311, however Sheet M2.03 does not have that callout but does have one called "EAV-311" instead. Coordinate & correct.	We will revise call-out to ECAV-311 and will be reflected in Addendum #3 issue.	9/14/17

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82		HVAC	M0.13	Exhaust Variable Air Volume Boxes Schedule	The following EVAV Boxes AIRFLOW Maximum (cfm) do not match the listed CFM on the M-drawing Floor Plans: EVAV-214 calls for 1525 cfm on the Schedule, but is 1220 cfm on M2.02 EVAV-315 calls for 1475 but is not called out on M2.03 at all, however EVAV-314 is called out & is 1220 on M2.03 coordinate & correct to match the schedule to the drawing	EVAV-214 at 1525 cfm is correct. EVAV-315 at 1475 cfm is correct. Corrections will be reflected in Addendum #3 issue.	9/14/17
83		HVAC	M0.14	Supply Air Valve Schedule	The following SA Valves AIRFLOW Maximum (cfm) do not match the listed CFM on the M-drawing Floor Plans: SAV-102 calls for 280 cfm on the Schedule, but is 320 cfm on M2.01 SAV-201 is 2940 vs. 2930 on M2.02 SAV-303 is 1100 vs. 1640 on M2.03	SAV-102 at 280 cfm is correct. SAV-201 at 2940 cfm is correct. SAV-303 at 1100 cfm is correct. Changes will be reflected in Addendum #3 issue.	9/14/17
84		Plumbing	P2.03	Plumbing Sheet Note 11	The Electronic Trap Primers (TP-2) are not shown on the E-drawings. Provide the conduit size, wire size & quantity, and circuit connection callout to the Panelboard, noting that there are 8 TP-2 callouts on this sheet.	Refer to PBC 44 Response.	9/22/17
85		Electrical	E0.2A	Single Line Diagram	Provide the following Panelboards with complete circuitry info which are not shown on Sheets E0.7 thru E0.7F: EQHD1, HMW1, 1PB2, 1LP3, 1LP4, 2LP6, 2LP9, EQP3B, 3LP6, 3LP8, EHM3.	Will issue clarification in forthcoming addenda.	9/14/17
86		Electrical	E0.2B	Single Line Diagram	Provide the following Panelboards with complete circuitry info which are not shown on Sheets E0.7 thru E0.7F: 1LP1, 1LP2, 2LP1, 2LP2, 2LP3, 2LP4, 2LP5, 2LP7, 2LP8, 3LP1, 3LP2, 3LP3, 3LP4, 3LP5, 3LP7.	Reference Lab Consultant Electrical Drawings "LE" series for panel schedules. Electrical contractor shall provide all electrical panels shown on Lab and Electrical drawings.	9/14/17
87		Electrical	E0.3	Electrical Equipment Schedule	The following equipment are on this schedule, but not located on the E-drawings and need to be located: EHM3, EQM3. Also, "EQP3B Antennas" is shown on E0.2A at the Level 03, but was not defined on the E0.3 Electrical Equipment Schedule, and needs to be added. And "EHM3" is listed as being on Level 03 on the E0.3 Electrical Equipment Schedule, but is shown on E0.2A as being on the Roof, and is not shown on E3.3, so possibly this should be labeled "EQM3" on E0.2A instead, and a Panelboard symbol for "EHM3" needs to be added to E0.2A which is shown on Detail 7/E0.4.	Will edit Electrical Equipment Schedule on E0.3 accordingly in forthcoming addenda.	9/14/17
88		Electrical	E0.6	Details 8,9	Confirm that these details are not to be included as there are no callouts for this Field Outlet Pedestal condition on this project. However, Detail 2/E1.2 does have 7 outdoor outlets for the Welding Area, but these details are not referenced nor are any other outlets on this E1.2 Site Plan referenced to those Field Outlet Pedestal details.	Details 8 and 9 on E0.6 apply and are required for event power outlets. See revised details and Enlarged Site Electrical Plan in previous addenda. These details do not apply to the welding outlets.	9/14/17
89		Electrical	E1.0	Plan Notes 8	This note requires that the bidders are to disconnect and removal all existing Electrical and Telecommunications System from the building to be demolished. This is too open-ended with a potential for widely-varying interpretations. Please provide a list of all items that the bidders are to base a proposal upon, and list any other requirements such as cleanup, packing, inventory list, and/or delivery required. We suggest that the District remove all items prior to Contractor's Mobilization and anything remaining would be simply demolished with no salvage at all.	All required items to be salvaged will be done in advance by the District. Contractor will not be required to salvage any items. All remaining items to be demolished by Contractor. For the demolition of Electrical and Telecommunications systems, additional notes will be added in forthcoming addenda.	9/14/17
90		Electrical	E1.2	Detail 1	At the far-right is two callouts for "circle 18", however the Plan Notes do not have a description of this note. Please provide.	The Enlarged Site Electrical Plan Detail 1 has been revised in addenda. See latest drawing.	9/14/17
91		Electrical	E1.2	Detail 1	At the upper-right, the light pole "circuit 34" should also have a "circle 8" callout to match Sheet SE1.1.	The Enlarged Site Electrical Plan Detail 1 has been revised in addenda. See latest drawing.	9/14/17
92		Electrical	E1.2	Detail 1	By Building K is a callout the mentions "Type SL2 (Typical of 7)", however there are 8 shown. Confirm that the bidders are to include 7 (not 8) of this fixture type.	Provide a quantity of Eight (8) Type SL2.	9/14/17
93		Electrical	E1.2	Detail 2	Provide a mfr. & model for the 50A, 480V Receptacle mounted in a Weatherproof Junction Box, and a detail showing the basis-of-bid installation requirements.	Receptacle shall be manufactured by Hubbell or approved equal. See Specifications for acceptable receptacle manufacturers. The weatherproof box shall be complete with flip open lockable cover and shall be manufactured by Hoffman or equal. Provide installation the same as current welding outlet installation at Building K exterior.	9/14/17
94		Electrical	E2.0	Plan Notes 3	Note 3 mentions "Twenty Seven (27)", however there are 40 shown on Detail 1/E2.3. Also, Note 3 mentions "Fixture Type S1", however this is not shown on Sheet E0.5 Lighting Fixture Schedule. Confirm that the bidders are to base this fixture type upon "V1" instead, otherwise confirm that per Section 265000, par. 2.1-A-2 the bidders are to include a \$300 allowance for this light S1 since it is "without a fixture type designation". Also, Note 3 mentions "Provide three (3) light fixtures per beam", however Detail 1/E2.3 shows 5 fixtures per beam instead. Detail 1/E2.3 needs to be conformed to E2.0 Plan notes 3, or vice versa.	Provide a quantity of Forty (40) Type V1 for the mural lighting as indicated on Drawing E2.3. Plan Note #3 on E2.0, change to read "...Forty (40) Fixture Type "V1"." and "...Five (5) light fixtures per beam."	9/14/17
95		Electrical	E3.0		The following Plan Notes do not appear on the Floor Plan: 7, 12, 13, 17, 18, 26, 27, 28. Add callouts on this Floor Plan Level 1, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17
96		Electrical	E3.0C		The following Plan Notes do not appear on the Floor Plan: 3, 5, 6. Add callouts on this Floor Plan Level 1 Room SC126, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17
97		Electrical	E3.1		The following Plan Note does not appear on the Floor Plan: 8. Add callouts on this Floor Plan Level 02, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17

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98		Electrical	E3.2		The following Plan Note does not appear on the Floor Plan: 21. Add callouts on this Floor Plan Level 03, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17
99		Electrical	E3.3		The following Plan Notes do not appear on the Floor Plan: 3, 7. Add callouts on this Roof Plan, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17
100		Electrical	EF4.2		The following Plan Note does not appear on the Floor Plan: 4. Add callouts on this Floor Plan Level 02, or list as "not used" for those that are not being used (or delete).	Will revise/correct Plan Notes in forthcoming addenda.	9/14/17
101		Security	SE1.11	Parking Lot 6	Two of the 3 CCTV Cameras (the 2 that are furthest to the right) are shown in a different location than the layout on Sheet E1.2 Electrical Site Plan, so coordinate and revise as necessary to match.	Drawings will be updated accordingly in addendum 3.	9/14/17
102		Security	SE2.01	Grids D & 7.1	This CCTV Camera is missing a callout for "SC001" per the SE5.01 System Camera Schedule.	Schedule and drawings will be updated accordingly in addendum 3.	9/14/17
103		Security	SE2.01	Grids C & 6	This CCTV Camera is called out as "SC103", however there is another SC103 camera at Grids B & 7.1. Coordinate & revise the numbering of these cameras to match the SE5.01 System Camera Schedule.	Schedule and drawings will be updated accordingly in addendum 3.	9/14/17
104		Security	SE2.01	Elevators 001	These two CCTV Cameras in the Elevators are not shown on the SE5.01 System Camera Schedule, and need to be added to the schedule or deleted from this sheet.	Schedule and drawings will be updated accordingly in addendum 3.	9/14/17
105		Security	SE2.02	Elevators 001	These two CCTV Cameras in the Elevators are not shown on the SE5.01 System Camera Schedule, and need to be added to the schedule or deleted from this sheet. OR these should be deleted since these are already shown on Sheet SE2.01.	Schedule and drawings will be updated accordingly in addendum 3.	9/14/17
106		Security	SE4.01	Detail B	This Note 5 mentions "No Card Reader for Doors 100-1A and 100B", and down & to the right is another Note that mentions "No CR for 100-1A, 100A, 100B". However, Sheet SE2.01 shows a "CR" callout for Doors 100-1A, 100A & 100B. Coordinate & correct as necessary.	Schedule and drawings will be updated accordingly in addendum 3.	9/14/17
107		Security	SE4.04	Detail C	Provide a detail showing the in-ground concrete footing dimensions, psi rating, and the rebar size & spacing (if any).	Refer to updated detail in forthcoming Addendum #3.	9/22/17
108		Mobile Storage Systems	105626.13	page 4; par. 2.7-B	The second sentence mentions "...supporting cine film cans.....or shelves appropriate for pharmaceutical materials...". Confirm that this applies to this project, possibly reducing this sentence to "50 pounds capacity per shelf".	Specs section to be updated to say "50 pounds capacity per shelf". Refer to updates in forthcoming Addendum #3.	9/5/17
109		Mobile Storage Systems	105626.13	page 4; par. 2.7-C	This par. states "6 foot range lengths consist of two 36-inch wide shelving sections. 8 foot range lengths consist of two 30-inch wide and one 36-inch wide shelving sections.", however Detail 2/A202 shows the static shelving at 12-feet long consisting of three 48-inch wide shelving section and the mobile shelving at 12-feet long consisting of four 36-inch wide shelving sections. Confirm that the drawing supersedes the specifications, and revise this paragraph to "per drawings".	Confirmed. Refer to updates in forthcoming Addendum #3.	9/5/17
110		Mobile Storage Systems	105626.13	page 4; par. 2.7-D	This par. states "...for 12-inch deep shelving and..... 8-inch deep shelving.....", however Detail 2/A202 shows the fixed shelving as 30-inch deep and the mobile shelving at 18-inch deep. Confirm that the drawing supersedes the specifications, and revise this paragraph to "per drawings".	Confirmed. Refer to updates in forthcoming Addendum #3.	9/5/17
111		Mobile Storage Systems	A202	Detail 2	Confirm if the mobile shelving is to be three individual 18-inch deep single-face mobile carriages, or if these are to be one double-face at 36-inch deep + one single-face at 18" deep, or if this is to be a bidder's option.	All mobile shelving to be double-face. Fixed shelving to be single-face. Refer to updates in forthcoming Addendum #3.	9/5/17
112		Demolition	024116	page 6; par. 3.10	Confirm that Topsoil Stripping is not required as this is a "means & methods" by the contractor.	Confirmed, topsoil stripping will be a part of contractor's means and methods.	9/14/17
113		AC Pavement	321216	page 2; par. 2.3-A	Provide a basis-of-bid mfr. & product for the Herbicide as well as the application rate for that product.	There are various available commercial products for herbicide, which are registered with EPA. We will leave the selection to subcontractor, who will need to submit product info for approval. Application rate will be per manufacturer's recommendations.	9/14/17
114		AC Pavement	321216	page 2; par. 2.3-C-1	The dowels for the Wheel Stops are defined as galvanized steel, 3/4-inch diameter and 24-inch minimum length, however Detail 4/CS.02 calls for #4 rebar (not galv. & 1/2-inch dia.), and shown as 18-inch long (not 24"). Revise the specs to "per drawings" and delete all specific info.	Dowel for wheel stop clarified in forthcoming addendum. Detail 4/CS.02 will be revised to show configuration with specs to refer to drawings.	9/14/17
115		AC Pavement	321313	page 2; par. 2.6-A-1	The Site Concrete Compressive Strength is listed as 2500 psi to 3500 psi, which is a large range. Provide a basis-of-bid strength such as 3000 psi.	Site concrete compressive strength to be revised to 2500 psi in forthcoming addenda specs.	9/14/17
116		AC Pavement	321313	page 3; par. 3.6	The Site Concrete Paving calls for Float Finishing, however Sheet L1.01 Construction Legend at Concrete Paving Types 1, 5, 6, 7, 8 all call for "Top Cast" and most call for an "03" finish. Add this info to the specifications and delete all incorrect paving finish requirements.	Top Cast Finish included in specs 321313 in forthcoming addenda specs.	9/14/17
117		Unit Pavers	321400	page 3; par. 2.1-A	The Interlocking Concrete Pavers are "by Ackerstone or approved equal", however par. 2.2-1 mentions "No substitutions permitted". Confirm which paragraph is correct, and if possible provide an alternate pre-approved equal product.	Paragraph 2.1-A is correct. Interlocking concrete paver is by Ackerstone or approved equal. For Paragraph 2.2 Product Substitutions, this shall supersede the previous: 1. Submit all substitutions in accordance with the Facilities Lease Agreement and Division 1. These items will be updated in the forthcoming Addendum #3.	9/14/17
118		Landscape & Irrigation	329700	page 2; par. 2.1-B &	These paragraphs mention an "agronomic soils report prepared by Wallace Labs, dated 6/16/2011". Confirm that this is not required for this project as it was not issued as part of the Bid Docs.	There is no agronomic soils report prepared by Wallace Labs dated 6/6/2011. This item shall be deleted from the specification and replaced with "Refer to Planting Specification 329000 section 1.3.B.2.G for Site Soil Quality information."	9/22/17

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119		UG Utilities	C1.10	Remove & Demolish Note 28	The Note for the Relocate Existing Fire Hydrant is shown as a new Fire Hydrant on Sheet C1.50 Fire Water Note F5 and per Detail 5/C5.01. Note that Section 331100 does not specify a mfr./model. Coordinate these notes.	Fire hydrants will be new per detail 5/C5.01. Mfr/model provided in forthcoming addenda.	9/14/17
120		UG Utilities	C1.40	Utility Construction Notes SD4	Provide a reference & detail for the Area Drains such as 7/C5.01.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/14/17
121		UG Utilities	C1.40	Utility Construction Notes SD6	Provide a reference & detail for the Contech System such as 4/C5.01.	Contech infiltration system is no longer part of this project scope. Note is revised in forthcoming addenda.	9/14/17
122		UG Utilities	C1.40	Utility Construction Notes SD7	Provide a reference & detail for the Contech System such as 4/C5.02. Provide the size for the CDS unit.	Contech CDS unit is no longer part of this project scope. Note is revised in forthcoming addenda.	9/14/17
123		UG Utilities	C1.40	Utility Construction Notes SD9	The Curb Overflow Structure refers to Detail 9/C5.02 but should be 3/C5.02 instead.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/14/17
124		UG Utilities	C1.40	Utility Construction Notes SD11	At the Greenhouse area are 3 callouts for SD11 which needs a description at the Utility Construction Notes, which should refer to P3.02 for more info since those are designed on that sheet.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/14/17
125		UG Utilities	C1.40	Site Plan	Provide the pipe size at all laterals to SD4, SD6, SD10.	Storm drain pipe sizes clarified in forthcoming addenda civil plans.	9/14/17
126		UG Utilities	C1.40	Site Plan	Coordinate with Sheet P1.11 noting that there are several callouts for Roof Drain connections that are sized differently, or provide the basis-of-bid as to which drawing supersedes the other for purposes of these sizes. See attachment for assistance on this RFI.	Utility Plan laterals coordinated with Plumbing Plan in forthcoming addenda civil plans.	9/14/17
127		UG Utilities	C1.50	Utility Construction Notes	The following Notes do not appear on the Utility Site Plan: SS4, F6, U3. Add callouts on this Utility Site Plan, or list as "not used" for those that are not being used (or delete).	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/14/17
128		AC Pavement	C1.60	Paving Construction Notes P19	The Crosswalk is shown on this sheet, however it is not shown on the A-drawings. Provide the basis-of-bid info including a detail as referenced.	Crosswalk striping detail provided in forthcoming addenda.	9/14/17
129		AC Pavement	C5.00	Detail 2	Since there are two different AC Paving sections, provide the limits for the Vehicular Paking areas with the 3"AC over 8" base & the Heavy Truck Traffic/Fire Lane areas with the 3"AC over 12" base on Sheet C1.60.	Limits of heavy truck traffic vs vehicular parking area clarified in forthcoming addenda.	9/14/17
130		UG Utilities	C5.02	Detail 9	Provide the locations for the Cast-in-Place Catch Basins on Sheet C1.40.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/14/17
131		UG Utilities	C5.02	Detail 7	Provide the locations for the LEV Sign.	Locations and detail for the LEV sign provided in signage plans. Civil will omit this detail in forthcoming addenda.	9/14/17
132		Concrete	A062	Detail 1	The area within the CMU walls & the area Greenhouse walls are labeled as "Concrete Slab", however these sheets do not identify this info for the concrete slab thickness, base type & thickness (if any), rebar size & spacing (if any), slab finish type, CJ & EJ info, etc.: 1/A062, A/S2.61, C1.60 nor L1.01.	Concrete slab to be 5" thick concrete slab with #4 @ 12" O.C. rebar each way. Refer to updates in forthcoming Addendum 3.	9/22/17
133		Green House	A062	Detail 1	The note mentions "Green House Assembly and glazing provided by Green House Vendor". Confirm that the bidders are to exclude this item of work and that the Greenhouse Assembly will be OFOI.	Refer to PBC 68-R1 response.	9/5/17
134		Fencing	A063 thru A067		The gates & fencing panels are designed as galvanized steel & bars of various sizes, however Section 055000 par. 2.10 calls for an Ameristar Passport II Classic Industrial Roll Gate System. Confirm that the fencing & gates are to be the bidders option as to which type to provide.	In details 1,2,4/A065, the sliding Gate <GATE-1> to be Ameristar Passport II Majestic Industrial Roll Gate system. Refer to sheet A067 for other fence and gate details. Refer to updates in forthcoming Addendum #3.	9/14/17
135		ALL	A011	Materials ID Codes	The following Matl ID Codes were only located on Sheet A011 in an electronic search AND were not called out on any of the other A-drawings, so confirm that these are to be excluded since these do not appear on the plans/sections/details: AB-1, AP-1, AP-2, AWP-4, AWP-5, CEM SHTG-1, CMU-12, CW-3, FE-5, FGS-1, FP-3, FRT-1, GL-1TL, GL-21T, GL-41TL, GRL-1, GRL-2, GROM-1, GROM-2, GRT-1, GYP BD-11, GYP BD-14, GYP BD-25, GYP BD-26, GYP BD-35, GYP SHTG-1, GYP SHTG-3, GYP SHTG-4, GYP TRIM-1, HD-1, HORIZ REINF-1, HORIZ REINF-2, INSUL-1, INSUL-2, INSUL-5, INSUL-21, LKB-1, LVR-1, MA-1, MA-2, MA-3, MA-4, MCW-2, MCW-5, MET FAB-1, MET FAB-2, MET FAB-8, MET FAB-9, MET FURG-3, MET FURG-4, MET FURG-5, MET RAIL-1, MET RAIL-2, MET RAIL-4, MET RAIL-5, MSA-1, PLAM-5, PLTR-1, PLTR-2, PRC-1, PS-1, SMF-2, SND-1, SMOK-1, STL FURG-1, STL FURG-2, TER-5, TSC-2, UVB-3, VR-1, WD BLKG-1, WD SHTG-1, WD SHGT-3, WD SHTG-9, WP-7, WP-8	The material IDs not in the project will be eliminated. Material IDs will be coordinated with the drawings. Refer to updates in forthcoming Addendum #3.	9/5/17
136		Glazing	A011	Materials ID Codes	AFS-3 Fire-Resistive Glass System appears 13 times in the A-drawings, however there is no description for this item on A011 nor is this called out in Section 098413 either.	<AFS-3> is not in the project. All <AFS-3> material tag to be replaced by <CW-3> in forthcoming Addendum #3. Refer to sheet A011 and Specs Section 084400.	9/14/17
137		Fixed Sound-absorptive Panels	A011	Materials ID Codes	AWP-1 Acoustical Wall Panel appears 26 times in the A-drawings, however per the description on A011 this was deleted from the project, and is not called out in the Specs Volume 1 either. Provide direction to the bidders for AWP-1.	AWP-1 is removed from project. Drawings to be updated and coordinated with Material ID list. Refer to updates in forthcoming Addendum #3.	9/5/17

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138		Green House	A062	Detail 1	Confirm that the S.S. Work Benches & Shelving in the Greenhouse are to be OFOI since there is no biddable information such as detail references on the Plan nor Elevations.	Refer to sheets A062, A063 and specs section 123110 Stainless Steel Casework for information.	9/5/17
139		Single Ply Roofing	A201, A202, A203	Keynotes 8 SPA-1	SPA-1 Single Ply Adhered Roof appears 20 times on various A-drawing, however there is no description on A011 nor in the Project Manual. Detail 2/A481 defines the SPA-1 roofing, however the specifications are for the modified roofing and mechanically applied thermoplastic roofing, but not an "adhered single ply roofing" system. Note that SPA-2 only appears in the Detail 2/A481 Chart. Confirm if the bidders are to base the bid upon an adhered-type or a mechanically-applied type.	Refer to sheet A481 for information on SPA-1 single ply roof type. SPA-1 to be an adhered type. Specs section 075400 Thermoplastic Membrane Roofing to be updated in forthcoming Addendum #3. <SPA-2> is not in project and will be deleted from sheet A481 in forthcoming Addendum#3.	9/14/17
140		SBS Modified Bitumen Roofing	A201, A202, A203	Keynotes 9 MBR-3	MBR-3 Modified Bitumen Roofing appears on Detail 4/A435 and Detail 1/A464, however there is no description on A011 nor in the Project Manual. Confirm that this should be MBIT-1 instead. Note that Detail 12/A480 calls for the MBR Roof including MBR-1 and MBR-2. MBR-1 occurs 44 times on the A-drawings, MBR-2 occurs one time on Detail 12/A480, and MBR-3 occurs 5 times.	<MBR-3> is not in project. The roof type indicated on Detail 4/A435 and 1/A464 is <MBR-1> Modified Bitumen Roof type. Refer to specs section 075500 Modified Bituminous Membrane Roofing in Addendum #2. All <MBR-3> tags to be updated to <MBR-1>. <MBR-2> is not in the project and will be removed. Refer to updates in forthcoming Addendum #3.	9/14/17
141		Roofing	A204	General Notes - Roof Plan B	Note B does not list the minimum roof insulation thickness, confirm that this should be 3-inches.	Per specs section 075400 Thermoplastic Membrane Roofing, roof insulation to be 3 inches thick minimum. Roof insulation for <MBR-1> Modified Bitumen Roof type to be R-30 and 6" min thickness average.	9/22/17
142		Acoustical Wall Panels	A011/A601 » A606		On Material ID Code Sheet A011, Acoustical Wall Panel AWP1 description reads "Removed from Project"; however Interior Elevations A601 » A606 steel have AWP1 call outs, please Clarify	AWP-1 is not in the project. Drawings to be updated and coordinated with Material ID list. Refer to updates in forthcoming Addendum #3.	9/5/17
143		Vinyl Wall Covering	A011		Sheet A011: Material ID Codes – Calls out VWC-1A "Custom Vinyl Wallcovering", but does not provide any material information or image details. Please provide more information in regards to VWC-1A for pricing purposes.	Refer to specs section 097200 Wall Coverings for more info. Additional information will be provided in forthcoming Addendum #3.	9/5/17
144		CMU Block	042000 / A011		CMU Block Types CMU-11 & CMU-12: How do walls cap? See A060 - A067	4"x8"x16" cap for CMU-11. 4"x12"x16" cap for CMU-12.	9/22/17
145		CMU Block	042000 / A011		CMU Block Types CMU-11 & CMU-12: What color is CMU?	Refer to PBC 73 response.	9/5/17
146		CMU Block	042000 / A011		CMU Block Types CMU-11 & CMU-12: Is block burnished 1 side or 2 sides?	All exposed sides of masonry unit CMU-11 and CMU-12 to be burnished.	9/5/17
147		CMU Block	042000 / C1.60		Are there sections of fence in CMU wall? Civil plans show sections of fence (P10) construction note C1.60 in the CMU wall (P13). Arch plans A061 & A066 show no fence.	There is no fence in CMU wall unless noted otherwise per sheet A061 and A066. Civil plan to be updated in forthcoming Addendum #3.	9/5/17
148		Masonry Anchorage, Reinforcing, & Accessories	040520		Is Horiz. JT. Reinf. Required? Struct. Plans do not show it (see 1,2,3/50.12). Spec 040520 part 2.2 references it.	Horizontal joint reinforcement for the CMU walls are not required. Vertical and horizontal reinforcement shall be provided as shown in the approved structural drawings.	9/14/17
149			RFP	Copies to Submit	Page 2 of the RFP states that one (1) original, six (6) copies and one (1) electronic copy of the entire proposal be submitted at the proposal deadline. Due to the likelihood of equipment vendors sending in last minute quotes we request that only one copy of the pricing component of the proposal be required to be submitted. Such as "one (1) original, six (6) copies and one (1) electronic copy of the full proposal excluding the pricing. In addition to the complete proposals one (1) separate sealed envelope be submitted with the pricing component."	Please refer to ADDENDUM H for revisions made to required copies.	9/5/17
150			RFP	Subcontractor Listing	Due to the likelihood of equipment vendors sending in last minute quotes. We request that only "Portion of Work", "Firm Name of Subcontractor" and "City" be required on Attachment 5 at the proposal deadline. With the remainder of the information to be supplied within 24 hours after the proposal deadline.	Please refer to response provided to PBC 66-R1.	9/5/17
151			RFP	GMP Workbook	Due to anticipated last minute equipment proposals we request that a.1)Cost of Work (Subcontractor Performed Scope) in attachment 6 be required to be submitted within 24 hours after the proposal deadline.	Refer to ADDENDUM K for schedule revisions and clarification on the extension of submitting Tab IX "Scoping Sheets". Note, Tab a.1 "Cost of Work (Subcontractor Performed Scope)" shall be submitted at the time the GMP is due.	9/26/17
152			RFP	General Requirements	Please confirm that on site staff listed in the proposal documents must be exclusive to this project and cannot be shared with other concurrent projects on the RSCCD Santa Ana College Campus.	Proposal of site staff shall be as deemed necessary by the Firm (Contractor) for proper execution of the Project.	9/5/17
153		OCIP	051200	OCIP	OCIP's create a coverage gap in that all offsite fabrication is excluded from the OCIP and all general liability policies. Please see the attached and advise how we are to proceed with the insurance gap created. We have several projects with OCIPS currently that have used the 1st and the 3rd option. We also have projects using the P.O. and contract option.	Contractor is responsible to cover any insurance exclusions from the OCIP. All exclusions and their associated insurance rate shall be clearly delineated in Contractor's proposal.	9/5/17
154			099600		Specification Section 099600-High Performance Coatings The spec references "AES". "Architecturally Exposed Steel" is to receive this coating. Which plans is the "AES" specifically referenced and called out? My assumption, at this point in time, is that the "AES" is the structural steel exposed in the "Exposed Ceiling" areas indicated on the Reflected Ceiling Plans for each floor and exposed roof framing members. Please Clarify...	"AES" is not specifically called out in the drawings. Please provide High Performance Coating on exposed steel columns, exposed steel braces, steel stair elements(with exception of handrails), exterior steel fence, and exterior steel gates. Refer to updates in forthcoming Addendum #4 for clarification.	9/26/17
155			RFP	Question Deadline	RFP, page 2 sets September 8th as a Deadline for Contractors to submit questions regarding the project; since the Deadline to submit Proposals has been moved to October 4th, would the Deadline to submit Questions also be pushed back?	Per Addendum F, the question deadline was extended to September 13, 2017 by 4:00PM.	9/5/17

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156		UG Utilities	330000 C1.50	Fire Water F5	Provide the Basis-of-Bid Fire Hydrant mfr. & model as this is not listed in Section 331100 nor at Detail 5/C5.01.	Utility Plan construction notes clarified in with fire hydrant manufacturer and model in forthcoming addenda civil plans.	9/22/17
157		Plumbing	220000 P0.02	Plumbing Fixture Schedule	S-1 Sink calls for a Garbage Disposal. Provide the mfr. & model for the GD, noting that the specifications do not identify this item either.	Garbage disposer - InsinkeratorBadger 5 (1/2 HP, 120V, 1 PH)	9/22/17
158		Plumbing	222000 P0.02	Plumbing Fixture Schedule	DF-1 Drinking Fountain is called out on the drawings as "EWC-1" instead, please revise.	P0.02 will be updated to relabel "DF-1" to "EWC-1".	9/22/17
159		Plumbing	220000 P2.02	Plumbing Sheet Note 11	The Electronic Trap Primers (TP-2) are not shown on the E-drawings. Provide the conduit size, wire size & quantity, and circuit connection callout to the Panelboard, noting that there are 8 TP-2 callouts on this sheet.	See forthcoming Addendum #3 for trap primer circuit requirements. Trap primers occur on all three floors.	9/22/17
160		Fire Protection	210000 FP-001	Fire Protection General Notes 43	Note 43 mentions ".....performed on November 14, 2014 by Sequoia Union High School District,....." Revise for this specific project, noting that FP-100 at the right side shows the Flow Data dated 9-2-2016 for Santa Ana College instead.	Note 43 on sheet FP-001 is incorrect. The flow data on sheet FP-100 is correct. The note has been revised and will be issued with Addendum #3.	9/22/17
161		Fencing	A063	Details 2 & 3	Provide a detail of the typical Fencing Panel showing the various necessary items to base a bid upon.	Refer to detail 7, 8/A067 in forthcoming Addendum 3.	9/22/17
162		Various	A221		At the 4 building entries, there is a callout for "CPT-50" which per A011 is Tandus Geo Tile which is 1/4" pile height. Also, "TER-3" is at the Main Lobby SC105, and per Section 096623 par. 1.2-A the Terrazzo is 3/8" minimum. Note that S2.01 calls for all of those slab areas to be depressed 1/2". Confirm that the 1/4" carpet and the 3/8" Terrazzo is correct for the 1/2" depressed slab areas.	Confirmed. Provide 3/16" leveling substrate under <CPT-50>. Refer to revised detail 5/A431 in forthcoming Addendum #3.	9/22/17
163		Elevators	14200 page 2	par. 1.7	Confirm that this 3-years of additional maintenance is not to be included in the Base Bid.	Paragraph removed. Refer to forthcoming Addendum #3.	9/22/17
164		Green House	A062	Detail 1	At the low-left of the Greenhouse is a callout reference to Detail 13/A064 which does not exist.	Callout has been removed. Refer to PBC 68 Response for Non-DSA approved basis of design greenhouse details.	9/22/17
165		ALL	A090	Rooms SC205 & SC305	These rooms have a callout for "AWT-X" which does not appear on Sheet A011 Materials ID Codes. Possibly this should be "AWP-X" instead.	Confirmed. Please refer to forthcoming Addendum 3 for updates.	9/22/17
166			A400	Detail 1	At Grid 4, the reference callout is listed as "-/A403". Provide the detail on A403 that this is to refer to.	Refer to detail 1/A403. Updates will be in forthcoming Addendum #3.	9/22/17
167		Gypsum Board	092900 A450	Detail 4 & 5	Exterior Walls Type MP2 & MS2 are only shown up on these details in an electronic search. Confirm that MP2 7 MS2 walls are to be excluded since these callouts does not appear on the plans or sections.	MP2 and MS2 wall types are not in project. Refer to updates in forthcoming Addendum 3.	9/22/17
168		Insulation	072100 A011	Materials ID Codes	INSUL-5 is called out only on A011, but does not appear in Section 072100 Thermal Insulation.	Kwo	9/22/17
169		Single Ply Roofing	075400 A204	Grids D & 9	The callout for the lower roof on this sheet is "TPO-1", however on Sheet A202 that same roof area is called out by Keynote 8 which is "<SPA-1>", and further on Enlarged Detail 1/A205 that roof area is called out as "Single Ply Roof <SPA-1>". TPO-1 is defined on A011 Materials ID Codes and in Section 075400 par. 1.3-A, whereas SPA-1 is defined on Detail 2/A481 and not within the Spec Books. Please review & correct as necessary.	SPA-1 (Single Ply Adhered Roof type) refers to the whole roof assembly while TPO-1 (Thermoplastic Membrane Roofing) is a material. Roof types are not defined in the specs.	9/22/17
170		Roofing / Sheet Metal	A205	Detail 2	The South Canopy calls for a "Stainless Steel Gutter, typ." at this Composite Metal Panel <MP-1> roof area. However, Section Detail 1/A435 for this South Canopy shows what appears to be a detail similar to Detail 1/A431 which happens to call for a "12 ga. Stainless Steel Gutter" AND a callout for "EPDM Membrane Gutter Lining", so confirm which material callout supersedes the other. Further, Detail 1/A435 refers to Detail 1/A444 which calls that Gutter as "EPDM Gutter Liner - Seal with <MB-1> into Cornice Drain". Confirm that Detail 1/A444 supersedes the callout for "stainless steel gutters" at this South Canopy roof area. Provide direction to the bidders for basis-of-bid system for each canopy area. Note that Details 1,2,3/A445 for the Alternate also calls for both the EPDM Membrane Gutter Liner and the 12 ga. Stainless Steel Gutter, however confirm that Detail 1/A444 is the preferred installation method at these locations.	Refer to modified detail 1/A444 and added detail 6/A444 for more information. Reference removed from detail 1/A435. Refer to forthcoming updates in Addendum 3.	9/22/17
171		Roofing Type	A481	Detail 3	Confirm that the "Ballast where reqd by Roof Type" is to be excluded, since the Roofing Specifications do not call for ballast.	Confirmed. Detail not applicable and will be removed in Addendum #3.	9/22/17
172			A620 thru A622		The Toilet Room Countertops need a callout reference to a detail & Material ID Code callouts.	Refer to detail 7/A680. Refer to updates in forthcoming Addendum 3.	9/22/17
173		Signage	GS.11/GS.12	Details 1 thru 25	Some of the notes mention that the Signage Contractor is to provide Structural Engineering Calculations, however this is a hard bid so the bidders need basis-of-bid information for the concrete footing such as dimensions, depth, rebar size & spacing (if any), and an internal structural support design.	Please reference sheet A065 for site signage anchorage details. Refer to revisions shown in upcoming Addendum #3 submittal.	9/22/17
174		Drilled Piles	S3.02	Detail 2	Reference 2/S3.02. The detail contains a note which calls for "added bars (o) Type B=(6)-#8", with no call-out for "Type A" added bars. Please confirm that "Type A" piles do not have any added bars	Confirmed	9/22/17
175		Elevators	142423 Section 1.2.B		Spec Section 1.2.B calls out for 5 stops however plans call for 3 stops only, please confirm both elevator 1 and 2 are three stop elevators	Confirmed. There are only 3 stops per elevator. Refer to updates in forthcoming Addendum 3.	9/22/17

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176		Elevators	142423 A520	Detail 1	Detail 1 on A520 calls out 15'-5" x 9'-1" clear hoistway dimension while A211 calls out a 15'-7" x 9'-3" clear hoistway dimension. Mitsubishi requires hoistway of 15'-6" x 9'-3" (including 6" divider beam), please confirm this hoistway dimension can be provided.	15'-7" x 9'-4" clear hoistway dimension to be provided. Refer to updates in forthcoming Addendum 3.	9/22/17
177		Elevators	142423 A520		Sheet A520 show a service shaped elevator while specification section 1.3.B calls out the elevators to be passenger elevators. Please clarify	We are specifying the service-type elevator due to space constraints. Elevators for pedestrian use. Finishes per sheet A521.	9/22/17
178		Elevators	142423 A520	Detail 1	Detail 1 on sheet A520 call for two HOP's and specifications call for simple collective operation, only one HOP is needed per landing. Please confirm only one HOP is needed per landing	One HOP per landing is acceptable.	9/22/17
179		Elevators	142423 Section 2.5.E		Specification Section 2.5.E Calls out for backed enamel entrances; however Standard Mitsubishi specifications provide prime painted entrances. Please confirm car and entrances sill material and finishes	Provide Stainless Steel Hairline finish at hoistway entrances. Car finishes per A521.	9/22/17
180		Concrete	033000 S0.11	Section 2.6B	Specification section 033000-2.6B calls for Fine Graded Granular material at least 3 inches thick for the Vapor Retarder, however the typical concrete slab on grade details on S0.11 call for 2" of sand. Please specify if 2" of sand is acceptable.	As per the attached e-mail from the geotechnical engineer, 2" of sand is acceptable.	9/22/17
181		Concrete Pavement	Add #G	RFI 61-R1	Provide the rebar size & spacing for the Generator Pad as shown at Detail 1/A065 noting that neither Detail 1/S0.11 nor Detail A/S2.61 nor Sheets C1.60 nor L1.01 provide this reinforcing steel information, or confirm that no rebar is required since none is shown. Also, confirm that since the answer requires that the bidders are to "refer to 1/S0.11 for typical slab on grade details." that the bidders are to provide 2" sand over 10 mil vapor barrier over soil as identified on Details 1C,1E/S0.11, however noting that this is an exterior slab that probably should be installed with 4" aggregate base below the concrete slab instead of sand, vapor barrier & soil that a typical interior slab would be designed for.	1. A/S2.61 refers to 3/S0.11 for the equipment pad detail (on slab on grade). Rebars are shown in this detail.	9/22/17
182		Lab Casework	115310 115310	page 2	The Lab Casework requires that "A. Certification of Compliance: All bidders (including those listed in 2.01-A) must submit a compliance certification statement indicating that their bid includes products and installation which comply with every requirement of the project specifications and drawings (accounting for any RFI responses received during the bidding phase). B. Certification of Qualifications: All bidders must submit a certification of compliance with the Qualifications requirements outlined below. List specific project experience as evidence of compliance. C. Substitution Requests: All substitution requests for this scope of work in this section must be made during the bidding phase. No substitution requests will be considered post-bid." Provide direction to the Lab Casework bidders as to what exactly they are to submit since there is no "Certification of Compliance Statement" form in which to fill out. Either provide a Form, direction that each bidders' letterhead with a "statement" is adequate, or confirm that this will be excluded at Bid Time, and may be submitted later.	2. As per the attached e-mail from the Geotechnical Engineer, the slab on grade supporting the equipment pad will require the same subgrade preparation as the foundations. Geotechnical Engineer to review and confirm.	9/22/17
183		UG Utilities	C1.40 - Add 2		At the lower-left (to the left of SD3), is an unlabeled "SD" line. If required, provide pipe sizing and other SD notes, or delete if not required.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
184		UG Utilities	C1.40 - Add 2		In the Courtyard near the top is a callout for "SD5 CB STA 0+06.32" which is not pointing at anything. This should be deleted.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
185		UG Utilities	C1.40 - Add 2		At the low-right is a callout for "SD9 Overflow Structure" which is not pointing at anything. This should be deleted.	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
186		UG Utilities	C1.40 - Add 2		At the right, the transition from the SD1 callouts for the 18" HDPE pipe at the 15" PVC pipe needs to be shown. We guessed that the transition is at the callout for "95.30 INV" location, but this could be anywhere within 40' (up or down) of that location.	Utility Plan construction notes clarified with profiles in forthcoming addenda civil plans.	9/22/17
187		UG Utilities	C1.50 & C1.51 - Add 2		At the left, the Water pipe on C1.50 is called out as "W1 (2")", but on C1.51 that same pipe is called out as "W1 (4)". Provide the transition location where the pipe changes from 4" to 2".	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
188		Site Concrete	C1.60 - Add 2		At the right, the drive entry should either have a callout for P14 Rolled Curb or P03 V-gutter.	Paving Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
189		Site Concrete	C1.60 - Add 2		At the lower-right there is a symbol for what appears to be "Truncated Domes", however this is in the Asphalt Paving area and if required to be provided would be a different application. Since that symbol is not identified, confirm that the bidders are to exclude this 16 square feet area as Truncated Domes & assume it is AC Paving as shown.	Truncated Domes will be located on asphalt. Paving Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17
190		Signage	C1.70 - Add2		Construction Note FA3 Fire Lane Sign (wall-mount) is called out at 3 locations at the far-left on the Site Plan, however a similar sign on GS.01 is shown at 4 locations labeled S3A.01.S thru S3A.04.S. Confirm which plan supersedes the other, and confirm the quantity to be included by the bidders.	Signage Plans supersedes. Location, detail, and quantity of signs provided in signage plans. Civil is only showing for reference.	9/22/17
191		AC Pavement	C1.60 - Add 2		At the lower-right, the parking lot per Paving Construction Note P04 refers to "see Detail 2, per Sheet C5.00" which lists two different AC Paving sections. Confirm that the bidders are to base the AC Paving upon 3" AC over 8" Class II Base Course, and not on the 12" base course.	Paving Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17

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Santa Ana College - Science Center

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192		HVAC	230913		SPEC SECTION 230913, please provide list of District approved DDC Controls contractors as indicated in section 2.6 A.4	Contractor to submit substitution documentation to prove manufacturer are equivalent equipment/system per the contract and Division 1 specifications for design/owner review.	9/22/17
193		Visual Display Boards	101100		Visual Display Boards: Sheet A011 (Material ID Codes) TKBD-1D shows a size for type of 4'x6'. Plan sheets and details 1/A601, 1/A602, 2/A604, A605, and A607 all show a dimension for the TKBD-1D of 4' X 4'. Please advise as to which one is correct.	TKBD-1D to be 4'x4' per interior elevations and Material ID list.	9/22/17
194		Duct Schedule	233113		Duct schedule: 1. Please confirm that ductwork connected to SAV (Supply Air Valves) is Galvanized ductwork. 2. Please confirm that ductwork connected to GEV (General Exhaust Valves) is Galvanized ductwork 3. Please confirm that ductwork connected to FEV (Fume Hood Exhaust Valves) is Stainless Steel	1. Confirmed. 2. Confirmed. 3. Confirmed.	9/22/17
195		Duct Schedule	233113		Duct schedule: 1. Please confirm the ductwork mains of the interior general exhaust duct is Galvanized ductwork 2. Please confirm the Laser cutter exhaust ducts are galvanized ductwork. 3. Item 3.10 G indicates S/A & R/A outdoor ducts to receive 2" thick liner. The drawing M2.04 does not imply lined ductwork. Please advise	1. Confirmed. 2. Confirmed. 3. Exterior SA and RA ducts to be lined.	9/22/17
196			233113		Paragraph 3.1 B & D...Is it acceptable to use grooved piping and mechanical joints for HHW & CHW 2-1/2" and greater? Please advise	Grooved piping joints are only acceptable where they are exposed to view and on chilled water systems only.	9/22/17
197			A400		Reference Exterior Building North Elevation 1 /A400 . Windows between grid line 1 – 2 were labeled as W3a in first floor and W3 in 2nd & 3rd floors. These windows were not the same size & elevation as W3 & W3a in window schedule A490. Please provide correct window tags and include in the window schedule.	Window types W20a and W20 added. Refer to updates in forthcoming Addendum 3.	9/22/17
198					Addendum 2 deleted Spec section 115213 but plans still show Projection screens. Are these included or excluded from the Bid. Please advise:	Projection screens are part of the scope of work. Refer to Section 274116 Integrated Audio Video Systems and Equipment for more info.	9/22/17
199			C1.10		Note 3 on sheet C1.10 states, "Remove and Demolish Existing AC Pavement." I assume we are removing the CMB base associated with the AC Pavement. Please clarify:	Under geotechnical engineers' confirmation. Existing AC pavement base may not need to be removed. The existing base can be recompacted and reused for new AC pavement section.	9/22/17
200			A062		1. Reflected Ceiling Plan 2/A062 calls for a suspended heater. Is it natural gas, propane or electric? Please clarify: 2. Heaters are showing the middle of the structure. Manufacturer recommends 30" from endwall. Please advise: 3. 1/A062 shows evaporative cooler inside of the greenhouse. It needs to be mounted on the outside as it pulls air from outside through the unit into the greenhouse. Please clarify: 4. Please clarify that the roof vents are wax filled cylinders that push the opener rod out to force vent open and once the wax cools, then allows vents to close.	1. Gas heater 2. Heater location to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor. 3. Evaporative Cooler location to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor. 4. Roof vents to be automatic roof vents with super opener	9/22/17
201			A062		1. Greenhouse plans do not reflect any mechanical systems. Manufacturer highly recommends a motorized inlet and exhaust system to help cool the greenhouse. Please advise if this is acceptable. 2. If above is acceptable, please clarify whether the system is ran by thermostats or an environmental Controller? (Manufacturer recommends Thermostats for cost savings and simplicity).	1. This is acceptable. Mechanical system to be coordinated with green house vendor and documented on fully engineered submittal package for deferred approval during construction. Procurement and installation of the greenhouse assembly to be provided by general contractor. 2. Thermostats is acceptable.	9/22/17
202			A062		Cuts on sheets A062 & A063 full panel glass. Addendum G PBC 64-R1 sheet A064 calls for 3mm tempered lapped glass per Manufacturer specs. Please confirm we are using 3mm tempered lapped glass.	Glass for the greenhouse to be <GL-24T> per drawings.	9/22/17
203			A006		Detail 6/A066 references an automatic door operator. Please provide door location, method of attachment and power source.	Refer to floor plans and door schedule on A082 for door locations. See specs section 087100 and 087113 for mounting requirements. Power source per Electrical Power Plans.	9/22/17
204					With how many plan sheets and specification sections have been changed in the addenda we request that a new complete plan set and specification set be issued for bid. This will greatly help mitigate missed changes by the subcontractor community.	It is the contractor's responsibility to keep track of Addenda issued and distribute to appropriate parties for bidding.	9/22/17
205				Spec Sec 220700/3.13/D	Is it necessary to Insulate the Sanitary Vent pipes and if so how many feet need to be covered?	Yes. Vent insulation applies to lab waste vent lines only as exposed plastic pipes at roof need to be protected from UV degradation.	9/22/17
206			C1.40		There appears to be a 3" perforated pipe around the building and other locations per SD10 but no detail provided. Please provide.	Detail for 3" perforated pipe provided in forthcoming addenda civil plans.	9/22/17
207			C1.50		Per note W5 on C1.50 there is an existing water lateral. Where is the POC for this lateral?	Utility Plan construction notes clarified in forthcoming addenda civil plans.	9/22/17

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208			C1.50		Referring notes U2 and U4 on C1.50, please clarify if this gas line is by SCG or the contractor.	The site gas lines are to be constructed by the contractor. Plumbing to confirm.	9/22/17
209			P1.11		The Storm Drain stack at lines 1 between C & C.8 show 6" on P1.11, P2.00 & P2.01 then show 4" P2.02 & P2.03. please clarify	4" Storm Drain/ Overflow drain. Underground 6" storm drain to remain.	9/22/17
210			2/S3.02.		Reference: Foundation Schedule Subject: Pile Added Bars detail 2/S3.02. The detail contains a note which calls for "added bars (o) Type B=(6)-#8", with no call-out for "Type A" added bars. Please confirm that "Type A" piles do not have any added bars.	Refer to PBC 174 response.	9/22/17
211					Alternate 1 in the RFP states: "(ADD) 3-year extended warranty for the following work categories: Site Utilities, Landscape, Elevator, Plumbing, HVAC, Electrical, Communications, Laboratory Equipment, Laboratory Fume Hoods, and General Contractor." Please clarify what is scope intended to be included in the "General Contractor" portion of this alternate and what warranties that includes.	Refer to upcoming Addendum for clarification regarding this alternate. Please note, the correct alternate number utilized should be as indicated in Specification 012300 and addenda issued, not as indicated in Attachment 6 in the RFP. Alternates have been revised since first issuance of the RFP (refer to addenda).	9/22/17
212					Due to the likelihood of equipment vendors sending in last minute quotes. We request that the tab "IX. Scoping Sheets" added in Addendum F be required to be submitted within 48 hours after the proposal deadline.	Tab "IX. Scoping Sheets" shall be submitted to the District Office with four (4) hard copies and one (1) electronic version no later than Friday, October 6, 2017 at 9:00AM.	9/22/17
213			P5.01		Does detail 2 on P5.01 apply to all storm drains?	No.	9/22/17
214					Does the Green House deionization system require a BACnet for the main?	No.	9/22/17
215			E0.2B		E0.2B, note 3 states to provide panels with 200% neutral and isolated ground bus. The feeders to these panels do not have 200% neutral or isolated ground. Please clarify if feeders shown are correct.	Single Line will be revised in forthcoming addenda.	9/22/17
216			E1.2		Sheet E1.2 shows a stub out from the substation labeled "USSC-HS". Note 7 pointing to it says to see single line E0.2A for requirements for this feeder. This feeder "USSC-HS" does not appear on sheet E0.2A. Please clarify.	Single line diagram will be revised in forthcoming addenda to indicate feeder requirements.	9/22/17
217					Specifications Laboratory Electrical Requirements 266000 -4 section 2.3 states that conductors shall be copper. Specifications 260530-9 states that aluminum conductors are allowed. Please confirm that aluminum conductors can be used for feeders #2 and larger.	Per 266000, 1.1, B, the requirements of 266000 take precedence over other Division 26 requirements only for laboratory areas and which include only branch circuits and no feeders #2 and larger.	9/22/17
218			A011		GYP BD-23 & GYP BD-24 Gypsum Board both appear one time on A660 Detail 2 General Notes N & O, however there is no description on A011 nor are these in the Project Manual.	Note removed. Please refer to forthcoming Addendum #3.	9/22/17
219			A445, Det. 1 & 2		These details refer to "<GYPSHTG-5>" which does not have a description on A011 Material ID Codes. Please provide on A011 or revise to a different callout on A445. Note that "<GYPSHTG-5>" occurs 11 times including on Details 1/A431 + 1,5,9/A432.	<GYPSHTG-5> revised to be <GYPSHTG-4>. Refer to forthcoming updates in Addendum 3.	9/22/17
220					Regarding the OCIP requirement, please confirm the project is not excluded from the requirements of California Public Contract Code 7105.	The Project is not subject to the requirements of Public Contract Code section 7105 because pursuant to Section 28.13 of Exhibit D to the Facilities Lease, "Contractor shall not be responsible for damage to the Work caused by "acts of God" as defined in Public Contract Code section 7105."	9/22/17
221			E0.2A		Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.	Single line and panel schedules will be revised in forthcoming addenda.	9/22/17
222			E0.2A		Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.	Single line and panel schedules will be revised in forthcoming addenda.	9/22/17
223			E0.7 & A0.7A		Panels EQM3 and 2SB1 are not shown on the single line diagram. Are these required? If so, please provide feeder size and where they are to be fed from.	Single line and panel schedules will be revised in forthcoming addenda.	9/22/17
224					Addendum F on page 2, Item AD-F-2 requires to provide "Scoping Sheets for each work category". Addendum G, RFI # 72-R1 states "The 60 page count may exclude the GMP workbook tab". Please confirm that the Scope Sheets being part of Workbook Tab IX will not be counted in the proposal's 60 pages. Also please advise if it will be possible to extend 48 hrs the submission of the Scope Sheets since the completion of these sheets will extend until the last minute on Bid Day.	1) Correct, scoping sheets (part of the GMP Workbook) do not need to be included in the 60 page maximum page count. 2) Refer to PBC #212.	9/22/17
225			RFI 52 R1		Per Add G - RFI # 52R1 the aggregate base under the paving section was changed to Caltrans Class II; the RFI states that CMB shall NOT BE USED for this project. Most of the suppliers for for CMB meet Caltrans Class II requirements for aggregate base. Please advise if Class II recycled Base will be acceptable.	CMB or recycled base is not allowed as an aggregate material per District standard. Follow Caltrans standard for Class II gradation and aggregate quality characteristics. Specs will be updated in forthcoming addenda.	9/22/17
226					Scoping sheet IX recently provided in an earlier addendum stated a sales tax of 9.75%. There are several sources that state Orange Co. Sales tax is 7.75% but may vary with local sales tax. Please provide to correct sales tax to be used for this project.	Sales tax rate included in the GMP shall be 7.75%.	9/5/2017

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227				274116-AV Systems	1. Can your please confirm if ALS will be required in each system? Also, will the portable receivers need to be provided for all rooms or lump sum to be used where needed? 2. Please confirm if Utology will be doing programming and licenses with the District direct? If not and AVC is to supply, can there please be a master quote provided	1. Specifications have been updated. See Spec 274116, 1.4K for he required number of transmitters and receivers. 2. Specifications have been updated. See Spec section 1.4A.1b- the AVC shall provide programming and configuration and contract Utology to provide commissioning. College shall purchase site licenses.	9/22/17
228					Per Addendum #2 sheet C5.00 detail 2, the Aggregate Base under the paving section was changed to Caltrans Class II. RFI #52-R1 says CMB shall not be used on this project. Most of the suppliers CMB meets Caltrans Class II requirements for aggregate base. Please advise if Class II Recycled Base is acceptable for use on this project.	CMB or recycled base is not allowed as an aggregate material per District standard. Follow Caltrans standard for Class II gradation and aggregate quality characteristics. Specs will be updated in forthcoming addenda.	9/22/17
229			P301 & 4/P504		Plumbing Equipment schedule and specifications do not show any information on water softeners. Please provide acceptable manufacturer and model numbers.	Softener is part of the RO-DI equipment and specified in P4.09	9/22/17
230				A024	Fireproofing: 1. Please clarify fireproofing scope. Elevations and floor plans on page A024 are inconsistent with each other. Detail 1 shows areas on the "1st Floor" (ground level/concrete slab) yet detail 5 the elevation doesn't show fireproofing on the first-floor frame, only columns. Detail 2 shows only columns to received fireproofing. However, in detail 5 entire sections of the deck are indicated. Detail 3 shows columns and small portions of deck and detail 5 doesn't reflect the same areas. 2. Do the elevator guide rails, 6x6x1/2" tube steel, require fireproofing as indicated in page A024 detail 1, 2 and 3 and 4/A520? This is not required by code. Please advise:	1. Please refer to the legend. The hatch indicated in Detail 1 is to fireproof the first level ceiling slab (second level floor slab) and the hatch indicated on Detail 3 is to fireproof the third level floor slab. Please see revised notes in the legend for clarifications. 2. HSS in between the 2 elevators do not need to be fireproofed. However, the two elevator rail support HSS on the east and west walls need to be fireproofed to maintain 1-hr rating per detail 4/A520.	9/22/17
231				105626.13	1. Acme Visibles Mobile 810 system is listed as an acceptable alternative. It uses a Non-Grouted re-levelable modular track instead of grouted track. The specified system uses a grouted track. Is a Non-Grouted re-levelable modular track acceptable? 2. Acme Visibles Mobile 810 also uses a Modular carriage instead of welded carriage. Is that acceptable?	1. Non-grouted re-levelable modular track is acceptable as long as it is ADA compliant and has the same supporting weight capacity as the basis of design. 2. This is acceptable as long as the modular carriage has the same dimensions per drawing, same supporting weight capacity. Total modular carriage system not to exceed weight as the basis of design.	9/22/17
232			012300-3.03		Specification Section 012300 – ALTERNATES. Under subsection 3.03 – SCHEDULE OF BID ALTERNATE ITEMS, is there a description for paragraph D. "Alternate 4 (DEDUCT)"?	Refer to updated specs section in forthcoming Addendum 3. Alternate #5 added: Use Custom aluminum perforated panels in lieu of extruded aluminum fins. Mural supporting structure per construction documents. See sheet A474 for additional info.	9/22/17
233				230913	Refer to specification Section 230913 – BUILDING AUTOMATION SYSTEM FOR HVAC. Although acceptable manufacturers are listed in paragraph A. under subsection 2.6 – MECHANICAL EQUIPMENT AND AIR DISTRIBUTION, who is the current contractor providing the "Tridium Niagra AX" BMS system for the RSCCD? Please provide their contact information.	The District does not have any preferred integrator contractor for Tridium BMS. Integration shall be provided by the Contractor.	9/22/17
234			Page 2	115310-2.18-C	Section 115310, page 42, par. 2.18-C-1-j calls for Slotted stainless steel Unistrut framing channel in Chemical Fume Hoods. Please provide Fume Hood locations that require Stainless Steel Unistrut inside, and the layout of the Unistrut, or confirm that this is not required for this project.	See specifications revision in forthcoming Addendum	9/22/17
235				LF2.01B	LF2.01B at Room SC120: a.The five "E30*" cabinets, however elevation 4/LF3.00 shows these as 4-drawer cabinets with a possible Writing Table which is shown on LF1.02 as Cabinet Type D or possibly LD if a Writing Table is note required. b.The five "F30*" cabinets, however elevation 5/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E or possibly N. c.The two "N30*" cabinets, however elevation 6/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E, or possibly N. d.The two "N30*" cabinets, however elevation 7/LF3.00 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E, or possibly N. LF2.01B at Room SC118: a.The three "F30*" cabinets, however elevation 3/LF3.04 shows these as 5-drawer cabinets which is shown on LF1.02 as Cabinet Type LF, or Type E or possibly N. b.The three "E30*" cabinets, however elevation 3/LF3.04 shows these as 4-drawer cabinets with a possible Writing Table which is shown on LF1.02 as Cabinet Type LD or possibly D if a Writing Table is note required. Please revise the drawings to match the Partial Floor Plan callouts to the Interior Elevation drawings, or provide direction to the bidders.	LF2.01B room SC120 a,c,d-cabinets have been revised in elevation sheet to match cabinets in casework menu. b-N cabinets have been replaced with T cabinets and elevations has been revised to match. LF2.01 room SC118 a,b- cabinets have been revised in elevation sheet to match cabinets in casework menu. See updates in Addendum #3.	9/22/17