



**Business Services
Procurement and Contracting**
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April 12, 2019

SOLICITATION ADDENDUM NO. 2

ITB 19-0011

General Contractor for ACMA Replacement

THE FOLLOWING CHANGES/ADDITIONS TO THE ABOVE CITED SOLICITATION ARE ANNOUNCED:

This Addendum modifies the Invitation to Bid (ITB) document(s) only to the extent indicated herein. All other areas not changed or otherwise modified by this Addendum shall remain in full force and effect. This Addendum is hereby made an integral part of the ITB document. Bidder must be responsive to any requirements of this Addendum as if the requirements were set forth in the ITB. Failure to do so may result in Bid rejection. See the ITB regarding requests for clarification or change and protests of this Addendum, and the deadlines for the foregoing.

This addendum is to be acknowledged in the space provided on the Bidder Certification form supplied in the solicitation document. Failure to acknowledge receipt of this addendum may be cause to reject your offer.

The closing date **REMAINS UNCHANGED: April 17, 2019 at 2:00 PM Pacific Time**

CHANGES:

1. Attachment J - Drawings Addendum 2 added.
2. Attachment K - Specifications Addendum 2 added.

CLARIFICATIONS:

Additional Clarifications and Questions from April 3, 2019 Pre-Bid Conference

Question: The IT closet currently feeds the Performing Arts Center, what is the plan to keep the building fed?

Answer: PAC will not be operational to the public during construction. The only IT infrastructure required for the PAC during construction is of any dial out phone lines required for the FACP and Intrusion Detection System to protect the PAC. PAC fire protection is addressed in Addendum 2.

Question: Will there be any police training onsite before the school is demolished?

Answer: This is not anticipated.

Question: For glazing, do they want to get rid of everything?

Answer: The abatement contractor will remove the glass for windows with asbestos containing window putty. The demo contractor to dispose of the glass.

Question: Is the underground piping and conduit to be pulled and abandoned?
Answer: Refer to plans. If area is being re-developed, conduits and piping should be removed. If there is no interference, the piping and conduit may be abandoned in place.

Question: Connection point between the two buildings?
Answer: Contractor to propose means to maintain power to existing Performing Arts building.

Questions submitted via e-mail

Question: Specification section 05 12 00 1.8 B calls for the steel erector to be AISC-Certified Erector. This certification reduces the number of steel erectors able to complete this job to a select few. Can the AISC certified erector requirement be waived/deleted?
Answer: According to KPFF, "the requirement for an AISC-certified erector can be waived provided that the erector can be shown to have 10 years of relevant experience on projects of similar size, type of framing, and complexity." Specification change included in Addendum 2.

Question: Can you provide the civil CAD files for completing the earthwork takeoffs?
Answer: Distributing CAD files to bidders during the bidding period will be difficult to accomplish fairly and equally. CAD plans can be provided when a bid has been accepted. Recommend referring to civil and landscape drawings in the Bid Set for these takeoffs during the bidding period.

Question: Per specification 211313-14 the fire sprinkler pipe ends are to be threaded connections. This is not typical and is more expensive. Please confirm that you want threaded end connections. If not, please advise if it is acceptable to use the standard vic grooved end connections and fittings.

Answer: Specification change included in Addendum 2.

Question: Specification section 083313 2.2B and 2.2C conflict in material type. Please advise on whether the material should be stainless steel or aluminum.

Answer: Specification clarification included in Addendum 2.

Question: For the black paving bands, the note says acid wash with black sand. What are they referring to? Talking with Knife River, they don't have "black sand" and can't get it.

See L1.2 plans.

I didn't see anything in specs for it.

Can I get clarification on what they are looking for with this?

Answer: Colored concrete paving bands are to have a concrete color that is Davis Color Dark Grey, use a concrete sand color that is black, and to have an acid wash/sanded finish. The "black sand" is a type of sand can be sourced from Columbia River. This is the same as has been used on past Beaverton School District projects.

Question: On A9.1 doors 100 call out GL-B glass in the doors but district standard is typically GL-D.
Please Clarify.

Answer: These doors won't have glazing. Updated in Addendum 2.

Question: Door hardware groups are missing from the A9.1 Door & Frame Schedule.

Answer: Please refer to hardware spec section for hardware information.

Question: Coiling Counter Doors 102B & 103B within the office are above openings with no glass.
There is nothing shown on Fire/Electrical drawings related to these doors. Should these
coiling doors be tied into the security Lockdown system so that they close upon lockdown?

Answer: Yes. These will need to be tied in to the security lockdown system so that they close upon
lockdown.

Question: Door 100 on the electrical drawings (E2.1A) shows a circuit and ADA Actuators for this door,
the hardware schedule doesn't call out a ADA operator for this door, just standard closers.
Please clarify.

Answer: ADA operator and actuators were added to Door 100 in Addendum 2.

Question: Door Hardware Schedule calls out "BSD District STD Spacer & BSD District STD Mounting
Plates" Please provide details on what these are.

Answer: Please see Addendum 2 above.

Question: Doors 100A, 100B, 100C, & 100D are called out to be Aluminum Storefront and call out the
4111 surface closers. The hardware schedule does not list the LCN Closer Drop Plate. The
4111 surface closers require a drop plate (LCN 4110-18) when installing onto aluminum
storefront doors.

Answer: The District has always used wide stile heavy wall aluminum SF doors with 6" vertical stiles
and top rail, and 10" bottom rail. The only time drop plates would be needed is if the top rail
is smaller than that. If it is, then the District needs to see the details and comment on the
use of drop plates since the closers would be seen through the glass. Drop Plates will be
provided with Addendum 2. Decision regarding top rail will inform whether to use them or
not. DLR Group recommends to use 6" vertical stiles that do not require a drop plate so that
door closers are not seen through glass.

Question: Hardware schedule doors 100B & 100D list ADA Operators with and only 1 ADA Actuator
each. Electrical drawings E2.1a show 2 ADA actuators Each. Please clarify.

Answer: Please see Addendum 1 for changes to these doors. Summary is as follows: Door 100B has
an exterior actuator only. The actuator is for the push side of 100B and is noted at Door 102.
Door 100D has a double actuator specified that operates the push side of 100D and 102A.
The actuators are to be located on the push side of 100D. Door 102 has two actuators. One
for the push side of 100B and one for the push side of 102. Since traffic generally moves into
102 and out of 102A after arrival time, it was decided no inside actuator was needed at door
102. Staff would open the door to have someone leave through it. BSD could always add a
button or second actuator if desired. Door 102A has an actuator inside reception to open the
door. Double actuator specified at 100D operates 102A and 100D on the push side.

- Question: Door 109 on the hardware schedule is missing any type of door stop. Should a wall stop be provided?
- Answer: Yes. Please provide wall stop for Door 109.
- Question: Electrical Drawing E2.1a shows "J" boxes for ADA Operators on doors 100A & 100C, while the hardware schedule call out the operators to be located on 100B & 100D per district standard. Please clarify.
- Answer: Operators to be located on 100B and 100D per district standard.
- Question: Electrical Drawing E2.1a shows the location of door 100B's Exterior ADA Actuator, on the bollard, While the telecom drawing T1.1A shows CR on adjacent column. Should ADA Actuator be located next to CR?
- Answer: Actuator to be located on bollard as shown with keynote 22 on A1.1A
- Question: Electrical Drawing E2.1A is not showing an ADA Actuator for the office side of door 102. Should ADA Actuator be located on adjacent wall next to CR shown on T1.1A?
- Answer: Yes.
- Question: Tackboards listed in the spec book, 101100 2.4 call for a tackboard "based" on the Claridge 800 series frame. No actual tackable surface material is called out in the specifications. The Color & Material Schedule A0.1 calls out a tackboard surface color of "Blanched Almond 2186" but again no surface material. Please clarify and provide tackboard surface material spec.
- Answer: Please refer to the A0.1 Material Schedule for the basis of design. Listed as Forbo Bulletin Board. in the "Blanched Almond 2186" color.
- Question: On the door & frame schedule A9.1 door 102 is called out as aluminum storefront, with no glass listed. Should the door contain GL-D glass?
- Answer: Yes.
- Question: A PC contractor provided the following question: Please confirm the PV system is to be bid as a fully ballasted PV system (ie no attachments). I ask because we've seen considerable resistance in the Portland area to this type of design and recent projects in the works are fully attached systems: The 263100 spec wasn't entirely consistent on this point.
- Answer: According to KPFF, the PV system is to be bid as a fully ballasted PV system.
- Question: The Access Control Portion of the RFP Division 28 for this project states: "RFI Communications & Security Systems, 19717 62nd Avenue South, Suite F103, Kent, WA 98032-1153, Phone: (253) 981-6100 is a pre-approved and preferred installer for security management system." Does this mean that the Access Control, Intrusion, and Video Systems as detailed in the RFP are not open to bid on by other Security Contractors?
- Answer: Delete reference to RFI Communications & Security Systems - this is in error. Access Control, intrusion, and video systems are open to bid by other security contractors.

- Question: There are several locations an AL designation is give for door frames with wood door leaves on the door schedule. Please confirm Aluminum Storefront frames are in fact desired at these locations.
- Answer: This is correct.
- Question: Drawing T1.1A calls for pendant speakers and refers to page E6.5 for additional information, however page E6.5 shows the room having a drop ceiling with ceiling mounted speakers. Please advise. AV3 specifies a pendant speaker however drawing T5.2 detail 2 shows a part number of CBT 1000 which is not a pendant speaker but is a line array style speaker. Please advise.
- Answer: Section notes for E6.5 are a typo and should only be shown on E2.1A. Ceiling speakers to just be general recessed paging speakers. Line array speakers to be provided on wall on each side of projector.
- Question: Key note I59 calls out a flat screen tv with a recessed wall mount to see details on sheet A10.12. A10.12 was not included in the documents. Can you provide the missing details for the tv and recessed wall mount?
- Answer: Detail was moved to A10.11. Updated keynote is included in Addendum 2.
- Question: Specification section 274116 calls out for equipment that is not shown on the drawings. The drawings call out for Extron equipment with no room control and the specifications call out for AMX, BSS, and others that are not shown on the drawings. Please Advise.
- Answer: Extron room controller to be provided in Small and Large Ensemble. Refer to detail 2/T5.4. Spec section refers to equipment in recording, small ensemble, large ensemble, film, dance, and commons spaces. All other spaces to be covered by spec section 274143.
- Question: As you can imagine, shading on plan sheets can sometimes be difficult to see. Under the floor plans, General Note C, there is a callout for shaded interior ground face masonry walls. Can you please advise whether or not there are interior GFCMU on this project? If there are, can these be more clearly shown (possibly with color) via addendum since the current shading is not visible?
- Answer: There will be no GFCMU walls in this project.
- Question: On sheet A11.7 detail 34 and sheet A11.8 detail 53 it has a "TBD BEFORE BID SET" and calls out I47. Keynote I47 states to see specification section 123216 and when you go to that spec section, I47 cannot be found. Please Advise.
- Answer: 123216 Part 2.1 should reference I47.
- Question: Specification section 099123 I calls for macropoxy for "Wet areas such as shower rooms" there are no shower rooms on this project. Please advise if there is another location that this applies to.
- Answer: Apply to any wet areas such as around mop sinks, and at sink areas in art spaces, music spaces, and science spaces.

- Question: We have a steel fabricator interested in bidding but they are not AISC certified. Is there any flexibility on this requirement?
- Answer: According to KPFF, "the requirement for an AISC-certified erector can be waived provided that the erector can be shown to have 10 years of relevant experience on projects of similar size, type of framing, and complexity." Spec change included in Addendum 2.
- Question: Specification section 05 12 00 1.8 A calls for the steel fabricator to be AISC-Certified. This certification reduces the number of steel fabricators able to complete this job to a select few. Can the AISC certification for the fabricator be waived/deleted?
- Answer: According to KPFF, "the requirement for an AISC-certified erector can be waived provided that the erector can be shown to have 10 years of relevant experience on projects of similar size, type of framing, and complexity." Spec change included in Addendum 2.
- Question: Please find the attached document regarding glazing. We would like to confirm the types as well as understand where some of the types are located. Please see pages 14 and 15 of the attached (in red) for areas of interest. (See attachments folder for document referenced)
- Answer: Glazing spec section has been revised to align with the drawings, see Addendum 2.
- Question: Division 08:Door Hardware. Door 151 is a double door that is part of HW Set 16 which only includes mechanical door hardware. However, the technology drawings show this door as receiving magnetic hold opens. Please clarify if this door will receive mag-holds which will tie in with the access control system.
- Answer: Wall magnets to be added to door 151 as part of ADD-02. Since this set of doors is not fire rated, they do not need to be connected to the fire alarm. One leaf is exit only (no pull side trim). The active leaf has a lever on the outside and thumb turn on the inside so they can lock the exterior side from the inside in case of an emergency.
- Question: Division 08:Door Hardware. Door 133C is a single leaf door that is part of HW Set 24 which includes electrified door hardware. However, on the technology drawings, this door is only shown with a door contact. Please clarify if this door needs to be.
- Answer: Hardware set is correct. Technology diagrams updated in Addendum 2.
- Question: Division 08:Door Hardware. Doors E100, E102, and E201 are part of HW Set 41, which only includes mechanical door hardware. However, these doors are shown on the technology drawings as being card reader doors as these doors lead into either electrical or IDF rooms. Do these doors need to be moved to a different HW set so that they receive electrified door hardware?
- Answer: Yes, MDF & IDF Rooms require card readers - E100 is the MDF, and E201 is the IDF. Card reader is not needed at E102 (electrical room).
- Question: Division 08:Door Hardware. Door P101 is part of HW Set 46 which includes electrified panic hardware. However, this door is not shown on the technology drawings as getting any security devices. Do the drawings need to be updated to show that this is an access control door similar to Door P100?
- Answer: Yes.

- Question: Division 28: Security. In the Intrusion Detection section of the Division 28 specifications, there is the Manufacturer Section (Section 281600-4 Part 2.1 A 1) which calls for a Bosch system and says that there will be no substitutions. However, right below this in the cabling section (Section 281600-4 Part 2.4 B), there is a note which says to provide a Cat6a cable to each DMP XR550 station. Is the intent for the intrusion system to be Bosch or DMP?
- Answer: The intrusion systems are to be Bosch.
- Question: Division 28: Security. In the Video Surveillance section of the Division 28 specifications, there is the Products Section (Section 282300-4 Part 2.2) which calls for the camera types to be Arecont cameras. However, the alternate bid for new cameras calls for Samsung cameras. Samsung cameras would be in line with Beaverton School District standards. Please clarify if Samsung cameras will be an acceptable replacement for Arecont cameras.
- Answer: Samsung cameras are acceptable. Delete reference to Arecont cameras - this is in error. The District standard is Samsung or equal.
- Question: On the technology sheet T1.1A, there is a note which reads, "Alternate: New 15 Samsung security system for the school. Assume 200'-0" from each camera to head end equipment. Head end equipment to be located in MDF. Milestone server is owner provided contractor installed."
- Answer: District is looking for a 15 camera system to be provided and installed as part of the project. All camera locations are not shown. Any camera's shown on the plans are part of the 15 camera systems. Any of the 15 cameras not shown on the plans to be located by the District in the field.
- Question: The Division 28 – Video Surveillance specification section calls out for exterior and interior cameras to be Arecont cameras. Please specify whether that is the true intention or if the Alternate cameras should be Samsung.
- Answer: Delete reference to Arecont cameras. This is in error. The District standard is Samsung or equal.
- Question: If Samsung is the desired brand of cameras, please specify which Samsung model camera should be included in the Alternate pricing.
- Answer: Samsung XNV series vandal resistant dome camera.
- Question: On the technology sheet T1.1A, there is shown an intercom door station at Door 102 along with 4 intercom receiving stations (2 in the Reception area, 1 in the Health 105 room, and 1 in the Principal Secretary 106 room). There is a keyed note #2 on that sheet that says, "Door entry station, similar to Axis communications model A8004-VE or approved equal." Current Beaverton School District standards call for the intercom systems to be the JF series of AiPhone intercoms. However, with the AiPhone JF series of intercoms, there can only be one master station and 2 sub-master stations, for a total of 3 receiving stations. Please clarify that the intercoms will be the AiPhone JF series of intercoms, and which three locations will get the receiving stations.
- Answer: Provide district standard JF series by Alphone. Three locations are as follows: (1) in reception, (1) in health room, and (1) in principal Secretary's room.

Question: On the technology sheet T1.1A, there is a note which calls for the Bosch intrusion panel to be located on the wall in the Reception 102 area. Would it be acceptable to move the location of the intrusion control panel to the nearby MDF E100 room which is where the access control system panels will be located?

Answer: No, this location is desired by District Public Safety department for staff.

Substitution Requests

Spec Section	Page	Description	Specified	Proposed	Status	Comment
74213.13	7	Metal Composite Material		Knight Wall MFI System	Reject	Not a comparable product. Issues concerning warranty and thermal bridging through fasteners. DLR Group recommends to reject.
098433		Sound Absorbing Unit		Fabritrak Stretch Fabric Wall System	Accept with conditions	Proposed substitution using Fabri-Trak meets performance requirements, fire safety, panel thickness requirements, and color for SAW-1. Will require samples for verification of fabric and panel edge finish. Architect will need to pick color for SAW-2 from manufacturer's full range of colors. DLR Group recommends to approve as noted.
072500		Weather Barriers		3M 3015 VP; 3015 UC	Reject	Information provided does not clearly match spec. DLR Group Recommends to reject.
115123	54	Library Stack Systems	Spacesaver Library Shelving	Aurora Storage Products	Reject	Cut sheets don't indicate enough information. Reference spec for seismic performance requirements, adjustable shelving brackets, finishes, and accessories. DLR Group recommends to reject.
235216	3	Condensing Boilers		Aerco BMK-1000	Approved	Aerco boilers are ok with us, needs approval from Brent/BSD. Substitution claims Aerco is used on other BSD projects, Facilities Dept. may have comment based on their experience. DLR Group recommends to approve as noted.
235216	3	Condensing Boilers		Riello AR1000	Reject	Boilers will not be primary-secondary. Design is Variable primary as desired by the client. DLR Group Recommends to reject.
232123	3	Hydronic Pumps		Wilo IL Series Pump	Approved	Forward for district review. Pumps meet spec and performance as scheduled on drawings. DLR Group recommends to approve as noted
079513	4	Expansion Joint Cover		MM Systems VSW-600, VSG-600, SIF-600	Reject	No cut sheets provided for this product. Unable to determine if equal to specified products. DLR Group Recommends to reject.

281300	6	Access Control		Aronson Security Group	Approved	Forward for district review. DLR Group notes that Aronson Security Group is a dealer for the equipment that was specified in the Bid Documents.
084115	5	Interior Framed Aluminum Storefront	Kawneer 451 VG Storefront	Old Castle FG2000 Interior Storefront	Reject	Not comparable product.
084115	5	Interior Framed Aluminum Storefront	Kawneer 500 WS Door	Old Castle WS500 Standard Entrance Door	Reject	Not comparable product.
072119	2	Foamed in place insulation		JM Corbond III Closed-Cell Spray Polyurethane Foam Insulation	Accept with conditions	Product comparable to basis of design. DLR Group recommends approval but care must be taken to match specifications.
		Trench Drain		Hubbell Polycast Series 600 Trench Drain	Approved	Civil and Landscape consultants have verified that the proposed "4" Z886 High Density Polyethylene 80" Sections" and the 20" Class C rated grates labeled as "Grates Cast Iron #DGC" both align with the spec. The 48" Galvanized Steel Slotted grates for class A use will not be necessary per the plans.
074213	5	Metal Wall Panels	Centria CS-660 Perforated Panel .040	Taylor Metal Contour/Reveal Series Perforated Panel .040	Accept with conditions	Product comparable to basis of design. DLR Group recommends approval but care must be taken to match specifications.
	E7.1	Light Fixture Schedule		Day-Brite 2FXP30L835-2-DS-UNV-DIM	Reject	
097212	78	Fiberglass reinforced plastic sheet wall covering	Marlite Induro FRP	Nudo Allure	Approved	Product comparable to basis of design. DLR Group recommends approval but care must be taken to match specifications.
095113	31	Acoustical Panel Ceilings	Armstrong Optima 3153	Rockfon Sonar 16101	Approved	Product comparable to basis of design. DLR Group recommends approval but care must be taken to match specifications.
098433	85	Sound Absorbing Unit	Kinetics Noise Control Hi-Track	Valhalla Silent Treatment	Approved	Product comparable to basis of design. DLR Group recommends approval but care must be taken to match specifications.
042613	2	Masonry Veneer	Brick	HC Muddox	Accept with conditions	Provided samples will need to match color, texture, and size of specified basis of design. Product match will be determined based on samples to compare color and texture with existing PAC.
115313	3	Laboratory Fume Hoods	Fume Hood	Labconco Protector XL Fume Hood #111410002	Approved	DLR Group recommends accepting this request.

233439	4	High Volume Low Speed Fans		Macroair "Airvolution" High Volume Low Speed Fans #D550	Approved	DLR Group recommends acceptance as they were an allowable manufacturer on the Prototype Schools.
		Sound Attenuators		Pottorff Sound Attenuators #CFN 12K	Approved	DLR Group recommends acceptance as they were an allowable manufacturer on the Prototype Schools.
	5	Plumbing Schedules		Acorn Safety #S0860	Reject	Manufacturer not approved by BSD Standards. DLR Group recommends to reject.
	5	Plumbing Schedules		Acorn Safety #S0702 w/ ET71-BVS-OTG	Reject	Manufacturer not approved by BSD Standards. DLR Group recommends to reject.
	5	Plumbing Schedules		Acorn Controls #MV17-2	Reject	Manufacturer not approved by BSD Standards. DLR Group recommends to reject.
	5	Plumbing Schedules		Acorn Controls #ACENG-012	Reject	Manufacturer not approved by BSD Standards. DLR Group recommends to reject.
	5	Plumbing Schedules		Acorn Safety #S2160-PE21-RA-PAN w/ ET71-BVS-OTG	Reject	Manufacturer not approved by BSD Standards. DLR Group recommends to reject.
122413	2	Roller Window Shades		Mecho & Electroshade; Eurowill & Classic Blackout	Approved	Products match specifications.
223400	2	Fuel Fired Domestic Water Heaters		Bock OT250N-A, OT200N-A & 60HEC-125-NA-A	Approved	DLR Group does not see an issue with these requests. BSD Maintenance to weigh in based on school district standards
235216	3	Condensing Boilers		Lochinvar Crest FBN-1001	Reject	DLR Group does not see an issue with these requests. BSD Maintenance to weigh in based on school district standards
				CRETESEAL CS2000 SPRAY APPLY SYSTEM	Reject	Not enough information provided
074243		Composite Wall Panels		AL13 Architectural Panels	Reject	Product energy performance not clear. DLR Group recommends to reject this since this information is not provided.
129300	2	Bicycle Racks		Hunco Arc Bicycle Rack	Approved	Product matches spec so long as care is taken to supply the correct finish per spec. DLR Group recommends to approve as noted.

-END of Addendum

Justin Sweet
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