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COLLEGE OF THE LAW
EST. 1878

SIGN AND RETURN INSIDE YOUR SEALED BID

September 27, 2019

ITB #90-0003

333 Golden Gate Ave. Audio Visual Equipment and Installation

ADDENDUM #2

**Bid Due Date
Questions & Answers**

The following information is incorporated into ITB #90-0003 via this addendum. Sign and return this addendum inside your firm's sealed bid response.

Due date change: Sealed bids are now due Friday, October 11, 2019.

Q1:   Is there parking for workers located in the premises?

A1:   No.
***

Q2:   Is the area going to be scissor lift accessible for AV deployment?

A2:   No, only ladders and scaffolding (if needed).
***

Q3:   Considering the progress of the construction: When are the AV Engineering drawings required by?

A3:   AV engineering drawings do not have a due date. AV Contractor shall provide themselves with adequate time for Consultant/Owner to review and respond, and adjustments to be made

based on Consultant/Owner responses, prior to ordering equipment. AV Contractor shall verify with manufacturers any equipment with longer lead times, and may provide cutsheets earlier for Consultant/Owner approval for any equipment that may have a longer lead time.

***

Q4:   For the Small Classrooms w/ Distance Learning, there is a discrepancy between the Project Book and the schematics: The Project Book requests a projector solution, while the schematics show 98" displays will be installed. Which one is correct?

A4:   Small Classroom with Distance Learning will be 98" LCD displays.

***

Q5:   Is there a preferred Brand and Model for the 16 unit rack for IDFs 3T1 and 4T1?

A5:   The devices shown in the smaller racks will actually be housed in IT racks below telecommunications/IT equipment.

***

Q6:   Will there be a secure storage area for tools and equipment?

A6:   Limited storage. IDF rooms and perhaps a little more area.

Q7:   Is there a pre-existing GUI for the touchscreens?

A7:   Yes.

***

Q8:   Is there a pre-existing program for the systems?

A8:   Yes, but modifications may be necessary.

***

Q9:   The functional instructions of the program refer to AV control. Is there any lighting, curtains or any additional control needed?

A9:   Yes, lighting control in all rooms except Extra Small Breakout rooms, and shade control in all rooms that have them. AV Contractor shall coordinate with Owner regarding lighting panel locations, types, and communications protocol.

***

Q10:   What is the required color subsampling, frame rate and pixel resolution of all NVX units, all hardware devices, displays, projectors, etc?

A10:   Preferred frame rate is 30fps. 4K sources shall be 4K resolution, HD sources HD resolution. Color subsampling 4:4:4.

***

Q11:   Who will be providing the network VLAN, IP and ID tag design?

A11:   UCH will provide VLAN information and needed IPs for devices on the UCH network. AV
        Contractor shall provide Control and Video LAN networks.
***

Q12:   What level of security on the network switches is needed?

A12:   All switches with be internal devices behind the UCH firewall.
***

Q13:   AVC is not typically responsible for validating the AC voltage infrastructure, power availability
        and power connections. Please clarify intent.

A13:   Intent is for AVC to observe site conditions and notify Owner immediately if power to devices is
        insufficient or not present.
***

Q14:   What is required uplink of switches to the OFE network? i.e., Fiber/ TP/ 1Gbps/ 10Gbps

A14:   Cat 6A 1Gbps
***

Q15:   None of the devices in the drawings is showing how they're powered. Please clarify. For
        example, how will the NVX units be powered? How will scheduling panels be powered?

A15:   PoE devices may be fed from PoE network switch and/or PoE injectors. Devices in equipment
        racks powered by included power supplies/cords. Remote devices that do not support PoE
        power may be powered via low-voltage DC powers supplies housed in equipment rack(s).
***

Q16:   What type of mount is needed for scheduling panels? Please provide details.

A16:   Use included mount.
***

Q17:   What is Required camera color?

A17:   White is preferred.
***

Q18:   What is Required ceiling Mic color?

A18:   White is preferred.
***

Q19:   A Crestron DM-XIO-DIR-ENT will be required in the Level 3 IDF to support the design intent.
        Please clarify the design and comment on need for an additional XIO-DIR

A19:   Drawing revisions will address this question; overall count of NVX endpoints and chassis will be reduced on this floor.
***

Q20:   Where are the places that needs Kensington locks?

A20:   All rooms with lockable wall boxes holding iPads/tablet computers.
***

Q21:   Who will be providing rack mounting hardware for the OFE in-room PC?

A21:   AVC to provide rack shelves and install/secure OFE computers in rack.
***

Q22:   Who is responsible for providing adequate air conditioning cooling in each of the IDFs?

A22:   UCH
***

Q23:   What is the POE-to-USB (for example in room 103) model and part number?

A23:   FSR IT-CHRG
***

Q24:   Small Meeting rooms: Connecting the table-top control panels directly to an NVX device is outside of best practices and may cause multicast traffic issues. Please clarify and provide alternative design.

A24:   The control panel connection at the NVX encoder is utilizing the ethernet port only for network communication to Control Processor. There is no video associated with this connection, so there should be no issues with multicast.
***

Q25:   Small meeting rooms: please clarify if display size is 70"(drawing) or 75"(documents)

A25:   Specifications supersede drawings in terms of equipment specs - 75" model is correct.
***

Q26:   Small meeting rooms: room scheduling touch screens are not shown in drawings. Marked as alternate in documents. Are these optional?

A26:   Yes, provide price.
***

Q27:   Extra Small meeting rooms: please clarify if display size is 70"(drawing) or 75"(documents)

A27:   Specifications supersede drawings in terms of equipment specs - 75" model is correct.
***

Q28: Extra Small meeting rooms: room scheduling touch screens are not shown in drawings. Marked as alternate in documents. Are these optional?

A28: Yes, provide price
***

Q29: Extra Large lecture Room (201) : the 22" lectern confidence Monitor diagram(F.2.C) is shown wrong. This monitor does not support a USB thumb drive, per the specification. Please clarify.

A29: USB thumb drive access will be through the OFE keyboard, or separate USB port hub. AVC to coordinate with owner.
***

Q30: Extra Large lecture Room (201): wireless microphone charger not shown in drawings. Where is it to be located?

A30: TBD
***

Q31: Extra Large lecture Room (201): wireless microphone system (11.a) : please specify the Qty, Type and model number.

A31: Provide same as Large Classrooms; refer to 27 41 00/2.10/E/1
***

Q32: Please confirm all ipads OFE?

A32: Yes, confirmed.
***

Q33: Please confirm all keyboard and mouse sets are OFE?

A33: Yes, confirmed.
***

Q35: Divisible Large Classroom (102/101): the 7" Touch screen shown as connected directly to NVX Encoders and controlling them. NVX units need a control processor in their network subnet controlled by the touch screen. Please clarify the design and intent.

A35: The control panel connection at the NVX encoder is utilizing the ethernet port only for network communication to Control Processor.
***

Q36: Divisible Large Classroom (102/101): Extra Large lecture Room : wireless microphone system (11.a) : please specify the Qty, Type and model number.

A36: Refer to 27 41 00/2.10/d/1 for models, type, and quantities. Each room will require the quantities listed.

***

Q37: Large Meeting Room (408/415/505): please confirm 86" 4K display is required and not 70" 4K as shown in diagrams.

A37: Specifications supersede drawings in terms of equipment specs - 86" model is correct.

***

Q38 Large Meeting Room (408/415/505): Please confirm this rooms only have beam-forming ceiling mics (as noted in docs) and not both beam-forming ceiling mics AND ceiling mic array as shown in Diagrams.

A38: This is a mistake in our drawings- each Large Meeting Room will require single beam-forming ceiling mic; no mic array required.

***

Q39: Please confirm that the GC will provide all required display backing, per AVC recommendation

A39: All Display backing has been provided by GC.

***

Q40: Large Class Room (301/302) : the 22" lectern confidence Monitor diagram(D.2.C) : this unit does not support thumb drive.

A40: USB thumb drive access will be through the OFE keyboard, or separate USB port hub. AVC to coordinate with owner.

***

Q41: Large Class Room (301/302) : Functional shows 3 PTZ cameras, Whereas the Documents identifies 2 cameras. Please clarify camera counts and locations.

A41: Only (2) PTZ cameras required for these rooms.

***

Q42: Large Class Room (301/302) : wireless microphone system (11.a) : please specify the Qty, Type and model number.

A42: Refer to 27 41 00/2.10/E/1 for models and type.

***

Q43: Small Classroom W/Distance Learning (304) : the 22" lectern confidence Monitor diagram(H.2.C) : this unit does not support thumb drive.

A43:   USB thumb drive access will be through the OFE keyboard, or separate USB port hub. AVC to coordinate with owner.
***

Q44:   Small Classroom W/Distance Learning (304) : (H.5) the document notes a 75" flat panel display, whereas the drawing does not. Please clarify and provide model number.

A44:   98" Flat Panel Display: Planar UltraRes UR9851-ERO w/ UR9851 Mount
***

Q45:   Colloquium Room (601) : (J.9.a) : Documents notes that the Wireless mic system will accommodate 16 mics in total : 16 handheld AND 4 lavalier = 20? Please clarify. 16 wireless channels, total.

A45:   The microphones will be used in various combinations of HH and lavalier, not to exceed a total of 16 microphones.
***

Q46:   Please identify the storage and charging location for the mics included with the Colloquium room.

A46:   TBD.
***

Q47:   Colloquium Room (601) : the drawings is showing 12 in-room ceiling speakers as well as 6 roof garden speakers. Whereas document doesn't describe any. Please advise as to model and update design intent.

A47:   AVC shall provide (6) OWI IC570V10 loudspeakers in Roof Garden.
***

Q48:   Will Union labor be required for installation labor only?

A48:   Prevailing wage needs to be paid. This project will be registered with the CA DIR as required. The awarded contractor must report their certified payroll through the web site as required.
***

Q49:   Can AVC assume that if Union labor is required for installation, that AVC shall be providing traditional "parts and smarts" – providing finishing, commissioning, programming, etc.?

A49:   Prevailing wage rates apply in accordance with the State of CA DIR.
***

Q50:   Will free parking be provided on-site for AVC vehicles?

A50:   No.
***

Q51: Who shall be responsible for costs of all background security clearances, if any, for AVC employees deployed on-site?

A51: Contractor is responsible for these costs.
***

Q52: What is the make/model of the locked wall box described in the specifications and shown on the drawings as WB1? Is the AVC expected to provide these or will the EC?

A52: GC is providing WB1 & WB2 boxes. They are listed in the infrastructure drawing set, on sheets AV6.01 and AV6.02.
***

Q53: Will the iPads be OFE or will the AVC provide? If AVC is to provide, what is the desired model?

A53: OFE
***

Q54: Will the keyboards be OFE or provided by AVC?

A54: OFE
***

Q55: The quantity of ALS receivers required per room has not been provided. Please provide quantities or room capacities so we can calculate how many are needed.

A55:
Small Classrooms = 2
Large Classrooms = 4
Extra Large Lecture Room = 6
Colloquium Room = 4
***

Q56: In several room types, the display size shown on the drawings doesn't match what is listed in the specifications. Should the specifications take precedent in these cases?

A56: Yes, specifications take precedent, with the exception of Small Classroom with Distance Learning, where Specifications are incorrect. Instead of listed projector/screen, Planar UltraRes UR9851-ERO w/ UR9851 Mount shall be provided.
***

Q57: Extra Large Lecture Room (201) functional shows a wireless mic receiver but specification does not list quantity of microphones. Please clarify/specify.

A57: Provide same as Large Classrooms; refer to 27 41 00/2.10/E/1
***

Q58:   Small Classroom Distance Learning (304) functional shows (2) 98" displays but specification lists (2) projectors with screens. Please clarify.

A58:   Specifications are incorrect. Instead of listed projector/screen, Planar UltraRes UR9851-ERO w/ UR9851 Mount shall be provided.
***

Q59:   Where will the portable ALS be stored? Please confirm only 2 transmitters and 6 receivers are required in total for all 6 floors.

A59:   AVC shall provide to Owner to store. Quantities confirmed, but AV Contractor may provide pricing for additional units for Owner to purchase if needed.
***

_____
Bidder acknowledgement
SIGN AND RETURN INSIDE YOUR SEALED BID

_____
Date

Sincerely,

Darryl Sweet, CPSM, C.P.M.
Director of Business Services
UC Hastings Law