

City of Anaheim
DEPARTMENT OF PUBLIC WORKS



February 22, 2021

NOTICE TO ALL BIDDERS

PROJECT: Anaheim Convention Center Hall "C" Chiller Replacement Project

ACCOUNT NOs. 560-515-5744-9601-Chillers-C

ADDENDUM NO. 5

This is a modification to the bid package for the project identified above. The attached are additions, revisions and clarifications to the "Contract Documents" and shall become a part of the "Contract Documents". All bidders are required to incorporate all necessary changes, additions or deductions into their proposals. This Addendum includes the following:

1. **Further clarifications regarding Addendum No. 2 scope of work**
 - See attached (Exhibit 1) for further clarifications regarding this scope of work. Items clarified/corrected by this Addendum are shown in red. Items clarified in Addendum No. 4 regarding this scope of work remain in effect and applicable.
2. **Fire Alarm System Integration**
 - Contractor shall be responsible to provide all conduit, conductor, and junction boxes to fulfill the "Fire Department Notes" shown on sheet C0.1 of the plans. However, terminations will be performed by the City's fire alarm contractor outside of this contract.
3. **Responses to Bidders' Questions**
 - Please see City's responses to questions received from prospective bidders (Attached Exhibit 2).

ADDENDUM No. 5
Anaheim Convention Center Hall "C" Chiller Replacement Project
February 22, 2021

THE BID DATE REMAINS THE SAME AT FEBRUARY 25, 2021 AT 2:00 PM

All other aspects of the documents pertaining to this project remain in effect and applicable. Payment for complying with those provisions shall be deemed to be included in the price bid for the various items of work. No additional compensation will be allowed therefore.

Sincerely,



Patrick Kelley
Contract Administration

c Raul Garcia Brenda Medina
Tim Cho City Clerk File

The bidder shall individually identify and acknowledge receipt of all addenda by signing and enclosing each addendum form in his/her bid package submittal. Failure to do so may result in a disqualification of his/her bid.

Signature

Date

Exhibit 1 (Previously issued with Addendum No. 2, additional clarifications provided below in red)

Additional automation networking scope of work:

Contractor to supply all materials and labor to network Hall C automation to HVAC office. This will include the listed materials below and all other jumpers, hardware, brackets, fittings, sleeving, scans/coring, testing, and programming performed to code and industry best practices. The City of Anaheim reserves the right to determine if the code and industry best practice standards are met. The contractor shall provide submittals of all materials and equipment listed below and recommendations for approval prior to purchase.

The contractor shall provide testing reports for all network installations and provide fiber optic termination certifications for all field-terminated cabling. The contractor is responsible to submit as-built mark-ups to the COA and Engineer of Record after installation which shall include relevant pathways and jumpering. The contractor is responsible for all labeling of components at all terminations.

Contractor shall install conduit pathway from Hall C Central Plant Automation cabinet to Mezzanine MPOE fiber optic patch rack and install switch and patch panel. The Contractor shall patch to existing fiber optic cable to CSF building 2nd floor fiber patch panel. Contractor shall install conduit pathway to HVAC office control computer from CSF building 2nd floor patch panel via jumper.

Cost to perform this scope of work shall be included in Proposal line item 1 (CH-1). If this scope of work will also affect the price of optional proposal line item 2 (CH-2), these costs should be balanced appropriately to account for the possibility that bid line item 2 (CH-2) may not be awarded.

1. Qty. (1) 10 Gigabit 24-port Fully Managed Ethernet Switch (XSM4324S) Fully managed switch with 12x10G and 12xSFP+ ports
<https://www.netgear.com/business/wired/switches/fully-managed/m4300-12x12f>
2. Qty. (1) Netgear factory switch rack mounting kit
3. Qty. (12) Gigabit SFP Netgear AGM732F or comparable for all 12 SFP+ ports
4. Qty. (1) 24 port LC fiber optic patch panel Single mode (Corning Patch Panel mount above or below switch)
5. Qty. EST **2100** feet Belden Single Mode optical fiber cable 6 strand fully terminated for LC, rated for 40gigabit service
 - a. Hall C Chiller plant to MPOE interior run minimum 5 direction changes **1400** feet estimated total
 - b. Security office fiber rack 2nd floor CSF building to HVAC office minimum 6 direction changes 700 feet estimated total
6. Qty. (2) Single mode fiber to RJ45 converter 10gigabit LC SPF (for desktop tower and Hall C gateway module)
7. 1" EMT conduit compression fittings indoor pathways.

8. 1" Rigid conduit for outdoor exterior pathways
9. No "open-air" cable on any runs.
10. Automation Network switch shall be powered through a load calculated 30min power filtering rack mounted UPS provided by The Contractor
11. Automation control box shall be powered through a load calculated 30min power filtering APC UPS provided by The Contractor
12. Automation desktop tower server shall be powered through a load calculated 30min power filtering APC UPS provided by The Contractor
13. HP ProLiant desktop tower server;
 - HPE ProLiant ML110 Gen10 4208 2.1GHz 8-core 1P 16GB-R S100i 8SFF 800W RPS Server
 - 4208 8-core 2.1 Ghz, 85w processor
 - 16gb RDIMM DDR4 293MT/s (1x 16gb) memory
 - HPE Smart Array P408 Qty. 2 400gb SSD RAID 1 hot swap storage
 - 800w redundant power supplies hot swap
 - DVD-RW
 - DUAL Graphics port display port or HDMI
 - 2-port 1GBE Ethernet adapter
 - Windows server 2019
 - 24" LCD/LED monitor
 - USB optical mouse and keyboard

Exhibit 2

Responses to Bidders' Questions:

Question		Response
1	"Per the proposal we have a 14 week lead time to receive equipment, but Carrier has a 22 week lead time on the Chillers. How would you like us to proceed?"	Replace all mentions of 14 weeks with 22 weeks with respect to the procurement phase of the project (Phase I) in the contract documents. All other aspects of the contract documents remain in effect and applicable.
2	"Per the drawing M2.1 mechanical demolition plan 01 and mechanical plan 02, are we able to demo and install to closest point of connection(isolation valves) or do we need to demo and install as per above referenced drawings?"	Follow the plans and specifications.
3	"RFI: Switch board ULC1, notes # 1 and notes # 2, are requiring new breakers that are LSi type..... please confirm that they will work with the GE switch board. It appears that the GE switchboard is old and will not accommodate the new LSi type breaker."	Thermal-magnetic breakers are acceptable in lieu of LSi.