

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

August 31, 2016

ADDENDUM NO. 1

Building 621 Renovation, Phase 2, Youth Challenge Academy (YCA) Hilo,
State of Hawaii, Department of Defense,
Hawaii Youth Challenge Academy, Job No. CA-1212-C2

The items listed hereinafter are hereby made a part of the contract for the above mentioned project and shall govern the work taking precedence over previously issued contract documents governing the items mentioned. Receipt of this addendum is to be acknowledged on page OF-8 of the proposer's packet.

**The Bid opening date has been changed to
September 9, 2016 at 2:00PM.**

**The following are answers to questions submitted prior to the due date of
August 19, 2016.**

1. The above mentioned project has an existing Fire Alarm System. Could you please tell us the make and model number of the fire alarm system.
 - a. Product data Submittal from prior project (2014) indicates a Simplex 4100-ES model fire alarm panel. This does not confirm current installation or all components of existing fire alarm system.
2. Per Electrical Spec: *"Galvanized rigid steel conduit up to 7' above finished interior floor and for all outdoor locations including the underside of covered walkways and crawl spaces."* During walkthrough noticed existing conduits in interior below 7' being EMT and existing conduits underside of covered walkways EMT. Are we to price per spec or will EMT be ok in these areas?
 - a. Conform to specifications.
3. In Sec. 15730 Item 2.09 the refrigerant piping is specified as seamless copper tubing, hard drawn, Type "K". Type "L" ACR copper tubing is more common and readily available also it is cleaned and nitrogen purged from the factory. Due to availability and factory prepared condition is Type "L" ACR in lieu of standard Type "K" copper tubing acceptable for the project?
 - a. Type "L" ACR copper tubing is acceptable.
4. Section 15810 Item 2.02F specifies double wall ductwork consisting of a solid inner shell, insulation and a solid outer shell completely assembled at the

manufacturing facility. Are there any specific design criteria that require double wall ductwork construction? If not is standard ductwork that is lined or wrapped with cladding acceptable?

a. Inner and outer ductwork shall be constructed of same material and the same SMACNA class.

5. Plan sheet A-504 Detail C3 shows a detail for duct sleeve with flange connections, insulated with duct wrap and jacket. Mechanical plans show no other interior wall duct penetration detail. Mechanical Spec Sec. 15810 2.02F calls for interior exposed duct to be double walled, consisting of a solid inner shell, insulation, and solid outer shell, completely assembled at the manufacturing facility. Is the wall penetration duct assembly a critical feature that requires the use of duct wrap with cladding? If not, and double walled duct takes precedence, what is the appropriate wall penetration assembly?

a. Double wall duct assembly should be continuous thru the wall with flashing detail as indicated in detail C4 on A-504 if exterior wall. If interior wall, provide closure flange on both sides of wall.

6. SECTION 02287 Termite Control Barrier System. There are two types of Termite Control Barrier System installations. Which method is the architect requiring for this project? Type 1-Penetrations, Type 2-Full Installation. (Need clarification to provide accurate competitive proposal.)

a. Type 2 – Full installation at section of new floor slab which includes penetrations and joints with existing slabs.

Drawing Sheet Replacement:

E-103 – Replace Drawing Sheet E-103 with attached Sheet E-103 Addendum No. 1, dated 8/29/16.

Drawing Sheet Corrections:

M-603 Equipment Schedule – Revise AIR COOLED CONDENSING UNIT SCHEDULE.

- Revise ACCU-Y1 “MIN EER” from 14.6 to 10.1
- Revise ACCU-Y2 “MIN EER” from 14.9 to 10.3
- Revise ACCU-Y3 “MIN EER” from 24.6 to 10.0

Substitution requests:

| No. | Item/Section | Specified Brand | Substitution or Alternate Brand | Variant Features |
|-----|---|-----------------|--|--|
| 1. | 16510 Type 4 | Eclipse | Voigt Lighting #0-111-L-1-18WLPS PC WM-STD 120 | None |
| 2. | VRF System Spec 15730 | Mitsubishi | Daikin AC | ACCU-Y1 rated at 14.2 EER vs 14.6 specified |
| A | | | | ACCU-Y2 rated at 14.2 EER vs 14.9 specified |
| B | | | | ACCU-Y3 has slight higher sound pressure rating at 64bDA (in lieu of 63dBA) |
| C | | | | Model RXYQ_T condensing unit features with Daikin variable speed inverter compressor that has capacity range of 20-100% (in lieu of down to 16%) |
| 3. | DX System Spec 15730 | Mitsubishi | Daikin AC | ACCU-Y3 rated at 24.2 SEER (vs 24.6 EER as specified) |
| A | | | | ACCU-Y3, Model RXG12H condensing unit features with Daikin variable speed inverter compressor that has capacity range of 44-100%. |
| B | | | | ACCU-Y3 has better sound pressure rating at 49dBA (vs. 63dBA as specified) |
| C | | | | Indoor unit FCU-Y3-1 with washable filter |
| 4. | 10800-Toilet Accessories, Part 2 Products, Item 2.02 List of Toilet Accessories | Bobrick | American Specialties, Inc. (ASI) | ASI product will meet and exceed current specification. ASI product costs the same or less then specified manufacturer. No changes to layout as drawn. Product available to ship within one week from order. No other variant features. |
| A | Toilet Paper Holder | B-4288 | 20030 | |
| B | Toilet Seat Cover Disp. | B-4221 | 20477-SM | |
| C | Sanitary Napkin Disp. | B-270 | 20852 | |
| D | Soap Disp. | B-8226 | 0332-D | |
| E | Grab Bars | B-6806, B-6861 | 3801-size configuration | |
| F | Combination Paper Towel Disp. and Waste Receptacle | B-43944 | 20469 | |
| G | Mirror | B-165 | 0620 | |
| H | Towel Pin | B-6777 | 7301-S | |
| I | Shower Curtain Rod | B-207 | 1224 | |
| J | Shower Curtain Hooks | B-204-1 | 1200-SHU | |
| K | Folding Shower Seat | B-5181 | 8206 | |
| 5. | 15400 Toilet Accessories | JR Smith/Josan | Zurn | |
| A | Cleanout Ferrule with Plub | | Z-1440 | Cast iron body, no hub, bronze plug |
| B | Cleanout Housing | | Z-1474 | Cast iron body, polished nickel or nickel bronze top, vandal proof |
| C | Access Cover and Plub | | ZS-1468 | Bronze raised hex head plug, ss cover, vandal proof |
| D | Floor Cleanout | | Z-1400 | Adjustable (level-trol) top, polished nickel or nickel bronze top |
| E | Body Assembly with "Type B" Strainer | | Z-415B w/ZN400B | Cast iron body, floor or shower, Type B strainer, nickel bronze/nickel top |
| F | Shoktrol Water Hammer Arrestors | | Z-1700 | Stainless steel, nesting type bellows, PDI WH-201 |

Substitution Request #1 – Accepted
Substitution Request #2 – Accepted
Substitution Request #3 – Accepted
Substitution Request #4 – Accepted, fixture shall be listed for use under wet locations.
Substitution Request #5 – Accepted

Arthur J. Logan
Major General
Adjutant General

Posted: August 31, 2016

PRE-BID CONFERENCE ATTENDANCE LIST

DATE: August 16, 2016, 10:00am
 PROJECT: Building 621 Renovation, Phase 2, Youth Challenge Academy (YCA)
 State of Hawaii, Department of Defense, Job No. CA-1212-C2

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