Yakima County Resource Center
Remodel – Phase 2

Project No. PW14-001

Addendum #2
July 7, 2014

Issued By:
Yakima County Public Services Department
128 North 2nd Street
Yakima, Washington 98901
Vern Redifer, Director
YAKIMA COUNTY RESOURCE CENTER
REMODEL – PHASE 2
YAKIMA COUNTY PROJECT NO. PW14-001
ART PROJECT NO. 1401

NOTICE TO ALL BIDDERS

You are hereby notified of the following clarifications, changes, additions or deletions to the Bidding Documents dated June 16, 2014. All requirements of the General Provisions of the contract remain unaltered unless otherwise stated herein or by subsequent addendum. The noted revisions shall become a part of this contract.

ALL BIDDERS ARE REQUIRED TO ACKNOWLEDGE RECEIPT OF THIS ADDENDUM ON THE BID FORM. BIDDERS WHO HAVE NOT INDICATED RECEIPT OF THIS DOCUMENT ON THEIR BID FORM MAY BE CONSIDERED NON-RESPONSIVE.

The following addendum items provide additional information to the bidders/contractor and shall take precedence over previously issued Bidding Documents or addenda. This addendum, as integrated with the original bid drawings and specifications and any preceding addenda, form the Contract Documents.

I. REVISIONS TO ADVERTISEMENT FOR BIDS:

The bid opening date has been changed from that stated in the Advertisement for Bids. It will be postponed by 13 days.

Sealed proposals will now be received until **11:00 am Tuesday July 22, 2014** after which time they will be opened by a Purchasing representative and read aloud at the First Street Conference Center as noted in the Notice To Bidders.

Be advised, that per 1.8 SUBSTITUTIONS, D., “Requests for substitutions… …not received by the Owner at least seven (7) calendar days prior to the date of receipt of Bids will not be considered”, thus, by the postponement of the bid date, substitution requests will also be considered to for up to seven days prior to the revised bid date.

II. REVISIONS TO ADDENDUM #1:

A. On attachment “… Pre-Bid Conference Attendees List”, In entry 17, “Alutiig” had been improperly spelled with a “q” rather than a “g”, in both the company name and email address; and in entry 21, “Kotlarz” had also been improperly spelled, with an “n” rather than an “r”, in both the attendee’s last name and email address. REVISE as below:

<table>
<thead>
<tr>
<th>Name</th>
<th>Representing</th>
<th>Email Address</th>
<th>Phone #</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Robert Salem</td>
<td>Alutiig Construction</td>
<td><a href="mailto:rsalem@alutiig.com">rsalem@alutiig.com</a></td>
</tr>
<tr>
<td>21</td>
<td>Jason Kotlarz</td>
<td>Apollo Mechanical Contr.</td>
<td><a href="mailto:jkotlarz@apollosm.com">jkotlarz@apollosm.com</a></td>
</tr>
</tbody>
</table>

B. On attachment “ASK-003”, CHANGE the thickness of the “polycarbonate” panel from 3/8” to ¼".

Yakima County Project No.PW14-001
Addendum No. 2
Page 2 of 10
III. MISCELLANEOUS INFORMATION:

A. The County’s Public Services department will post to the county’s website this addendum. Additionally, the County will send this Addendum via E-mail and registered mail to all plan holders of record as the date of this addendum.

B. A copy of the County’s Current Plan Holders List may be obtained through the County’s website: http://yakimacounty.us/

C. Questions presented to the Owner or Architect in writing, with corresponding responses:

1. Q: The online documents seem to have differing, multiple versions of the Bid Form. Which is the proper one?
   A: There are two versions of the bid form, and both of these versions appear to have been inserted twice online. Only one instance on both versions is needed. Those pages watermarked “SAMPLE” are to remain bound within the Project Manual, and, as they are marked, are a sample. Those pages not watermarked are to be used as the official bid form. Additionally, non-watermarked forms will be distributed by the County only to official plan holders of record, per Yakima County’s List at http://yakimacounty.us/.

2. Q: The first paragraph under “Contract Time” of the watermarked “SAMPLE” version of the Bid Form is shorter than that in the non-watermarked Bid Form, shouldn’t these be the same?
   A: Although these are different, the description on the non-watermarked Bid Form, is the one that applies. This will be further clarified under specification Section 00 20 00 of Addendum #2 (this addendum).

IV. REVISIONS TO PROJECT MANUAL:

A. Contractual Specifications – Division 0:
   1. Section 00 20 00 – BID FORM:
      a. REPLACE, all five pages of this form with those attached. The attachment has been revised as follow:
         1) On page 1, under “Contract Time” ADD this second sentence, to the first one-sentence paragraph: “This project contract time does not include the following holidays: New Years Day, Martin Luther King Day, President’s Day, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, the day after Thanksgiving Day, and Christmas Day.”
         2) On page 2, at “Alternate Bid No. 1” CHANGE the manufacturer from “General Electric” to “Cutler-Hammer”.
         3) On page 5, after the first sentence, ADD, Subcontractors listed shall include those required by RCW 39.30.060: HVAC, Electrical, and Plumbing.
         4) The footer on all five pages has been supplemented with “(revised/released by Addendum #2)”.
      b. A new, official Bid Form, identical to the attached above described Bid Form, minus the watermarking, will be issued separately to all official plan holders of record, per Yakima County’s List at http://yakimacounty.us/. That 5-page non-watermarked form shall replace any earlier released Bid Form.
2. Section 01 20 00 - ALTERNATES:
   a. At 1.03, in two locations, CHANGE the manufacturer from “General Electric” to “Cutler-Hammer”

B. Technical Specifications – Divisions 2-29:
1. Section 08 80 00 – Glass and Glazing
   a. At 2.3,C, CHANGE polycarbonate panel thickness form 3/8” to ¼”.

2. Section 10 90 00 – Miscellaneous Specialties
   a. At 2.1 Products, ADD the following:
   F. DRESSING ROOM CURTAIN AND TRACK
      1. Track: Wall mounted, clear anodized aluminum, satin finish, track (model RECMAR 3296).
      2. Curtain: 84”h x 60”w; machine washable; flame retardant (meeting NFPA 701); with sewn-in header having rust proof nickel plated brass grommets at six inches on center max; and “shadow cube” fabric pattern. Color to be as selected by Architect form manufacturer’s standard line.
      3. Accessories: ABS plastic eye slides (model RECMAR 3050); stainless steel curtain hooks (RECMAR 7142); (2) plastic looped track end stops (model RECMAR 3032);
      4. Supplier/manufacturer: Curtain-Tracks.com, or approved.

3. Section 22 40 00 – Plumbing Fixtures
   a. At 2.2, B, REVISE title to read: "P-1A Watercloset - Floor Mount".

4. Section 23 82 46 – Electric Heaters
   a. ADD 1.2, C., Electric Heat Trace
   b. ADD 2.1, D., Electric Heat Trace: Raychem, Chromolox, Thermon.
   c. ADD

2.6 - ELECTRIC HEAT TRACE

   A. Type: Self-regulating electrical heat tracing cable; UL listed. Raychem "XL-Trace". (or approved).

   B. Construction: Heater shall consist of two (2) 16 AWG tinned-copper bus wires embedded in parallel in a self-regulating polymer core that varies its power output to respond to temperature all along its length, allowing the heater to be crossed over itself without overheating. The heater shall be covered by a radiation cross-linked modified polyolefin dielectric jacket. Heater shall be cable capable of being cut to desired length in the field.

   C. Voltage/Capacity: The heater shall operate on line voltages of 120, 208, 220, 240, or 277 volts without the use of transformers. See drawings for power source and voltage to be used for each application on this project. Heater shall have a minimum capacity of 5 watts/linear foot at 50 degrees F.

   D. Accessories: Provide the following accessories:
1. Power Connection Kit: Shall include junction box, terminal connectors, and accessories allowing connection of power wiring to heater.

2. Thermostat: Bulb type thermostat, with NEMA 4x enclosure, 3 foot capillary, fixed setpoint of 40 degrees F. Provide with contactors (in NEMA 4x enclosures) as required to allow thermostat to control heater.

3. Tee/Splice/End Kits: Shall allow for connection of tee heater wiring, splicing connections, and end seal termination of heater.

4. Labels: provide labels reading, "Electric Traced". Locate labels at power connection kit location, end termination and other in-between locations as appropriate.

5. Tape: Fiberglass tape for attaching heater to pipe.

d. ADD 3.1,

E. Heat Trace: Provide heat tracing of bottom of snow trap ductwork as shown on plans. Secure the heater to piping with cable ties or fiberglass tape. Provide insulated sheetmetal support pan below heat trace so that heat trace cable is "sandwiched" between sheetmetal. Apply "electric traced" signs to the outside of the support, subject heat to testing using a 100 VDC megger. Minimum insulation resistance should be 20 to 100 megohms regardless of length. See Division 26 for connection of power from panel to heat tracing power connection kit.

5. Section 25 50 00 – Integrated Automation Facility Controls
   a. ADD 2.13. Hydrogen Sensor: Semiconductor sensor whose electrical conductivity increases as hydrogen absorbs on its surface. Unit shall be provided with wall mounted control box and remote sensor with 25’ cable, and pushbutton diagnostic test. Unit shall be provided with relays with dry contactors for connection to DDC and an audible alarm. 115v/1Ph power requirement. Unit shall initiate first stage of alarm when hydrogen concentration reaches 1%. Second stage alarm shall occur when concentration reaches 2% and initiates an audible alarm. Provide with field calibration kit. Mount sensor at ceiling above battery compartment. Mount control box on wall adjacent UPS. Storage Battery Systems Model SBS-H2 or approved equal.

6. Section 25 90 00 – Integrated Automation Control Sequences
   a. At 3.4, C, ADD: “5. Recirculation Mode: Unit shall run as in occupied mode except that outside air damper shall be closed and return air damper 100% open.”
   b. At 3.4, A, ADD: “11. Redundancy: Provide unit with multiple controllers such that failure of one controller will allow the unit to continue to function (minimum 2 fans, 1 heat pump, and dampers remain operational).
   c. At 3.5, REVISE B to read: “Lead/Lag Sequence: Provide timeclock control to allow determine which heat pump is lead and which is lag. Rotate heat pumps based on run time (initially set for 48 hours, adjustable). Provide operator selection override of lead/lag heat pumps. Provide time delay relay to allow automatic transfer to lag heat pump if lead heat pump fails. De-energize lead heat pump when transfer occurs. If
lead heat pump is unable to maintain temperature setpoint for more than 5 minutes (adjustable) activate lag heat pump.”

d. 3.8, A, ADD to paragraph: “Unless noted otherwise, all fans shall be interlocked with associated motorized damper at fan discharge such that when exhaust fan runs, damper is open. Damper is closed otherwise.”

e. 3.8, ADD “H. EF-14: Fan shall run continuously on low speed. Fan shall run at high speed when space hydrogen levels exceed setpoint (1% concentration) as sensed by room hydrogen sensor. Once hydrogen levels are below setpoint for 30 minutes (adjustable) fan shall switch to low speed.”

f. 3.10, C, ADD to paragraph: “When outside air damper is between minimum OA position and 70% open, exhaust fan damper shall be 50% open. When exhaust fan turns on, exhaust damper shall open 100%.”

g. 3.10, F, REVISE paragraph to read: “Miscellaneous Dampers/Devices: See plans for other dampers and devices requiring control. Provide control indicated. Where control is not indicated provide sequence typical for such devices in similar applications.”

h. 3.10, H, REVISE the word “use” in the last sentence to be “user”.

i. 3.10, ADD:

I. Emergency Recirculation Mode: Provide two emergency pushbutton switches, one located inside Mechanical Room adjacent door, and the other located in the Communications Room in location to be designated by Owner. Upon activation of switch the following actions shall occur:

1. AHU-1 shall run in recirculation mode.
2. Exhaust fans EF-3, EF-7, EF-8, EF-9, EF-10, EF-11, EF-13, EF-15, EF-23 shall turn off and their associated motorized dampers shall close.
3. SF-1 OA damper shall close and RA damper shall open 100%.

Upon resetting of switch, all equipment shall return to occupied mode. Label switches “Emergency Recirculation”

7. Section 26 24 13.10 Appendix:

a. At panel schedule EMP2, REPLACE with attached EMP3 schedule.

b. At panel schedule EMP4, REPLACE with attached EMP4 schedule.

c. At panel schedule PP1, REPLACE with attached PP1 schedule.

8. Section 26 32 13 – Engine Generators

a. At 2.07, ADD:

N. TCP/IP management, control, and monitoring – Provide MODBUS to TCP/IP gateway for all Generator and Transfer switch functions, including, but not limited to transfer switch control and position monitoring; Generator Start/Stop functions for exercise and override of Utility power; monitoring of generator engine parameters, such as temperatures, oil pressures, and fuel level. Provide RJ-45 jack output suitable for Category 6 cable. Monico CDL Gateway or approved equivalent.

9. Section 26 36 00 – Transfer Switches

a. At 2.8, ADD:

C. TCP/IP management, control, and monitoring – Provide MODBUS to TCP/IP gateway for all Transfer switch functions, including, but not limited to transfer switch control and position monitoring. Transfer switch shall have a native MODBUS output for all parameters, which in turn shall be translated to TCP/IP. Provide RJ-45 jack output suitable for Category 6 cable. Monico CDL Gateway
or approved equivalent.

C. Substitution Requests:
The following manufacturers are considered "acceptable manufacturers" as defined in the Project Manual, and subject to their ability to provide products conforming to the specification requirements. Inclusion in this list does not necessarily constitute approval by the Architect of these manufacturer’s standard products:

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<th>Section</th>
<th>Item</th>
<th>Acceptable Manufacturer</th>
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<td>BMC/Metal-Arc</td>
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<tr>
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<td>Elec Water Heater</td>
<td>Bradford White</td>
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<tr>
<td>22 34 00</td>
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<td>22 40 00</td>
<td>Shower Enclosure</td>
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<td>23 33 00</td>
<td>Fire Smoke Dampers</td>
<td>Portorff</td>
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<tr>
<td>23 73 00</td>
<td>Air Handling Units</td>
<td>Dynamic Air Technology</td>
</tr>
<tr>
<td>26 51 00</td>
<td>Light Fixtures F05, F05A, F05B &amp; F05C</td>
<td>Pinnacle Edge WW series</td>
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</table>

V. REVISIONS TO DRAWINGS:

A. Architectural:
1. Sheet A2.0
   a. At east wall of Dressing C12, ADD keynote reference “28”.
   b. At door D19a and adjacent W2, ADD keynote reference “29”.
   c. At floor plan key notes:
      1) ADD note “28 60”W x 84”H PRIVACY CURTAIN WITH ALUM. TRACK, SECURED TO SURFACE MOUNTED 2x4 WOOD TRIM (PAINTED TO MATCH WALL. LOCATE TRACK AND WOOD TRIM AT HEIGHT THAT LOCATED BOTTOM CURTAIN 6” ABOVE FLOOR”.
      2) ADD note “29 CONTRACTOR SHOULD CONSIDER THIS AS POTENTIAL ACCESS POINT OF LARGER EQUIPMENT DURING DEMOLITION AND CONSTRUCTION, AND AS SUCH MAY CHOOSE TO REMOVE AND REPLACE AN ADDITIONAL COURSE OF CMU FROM BELOW THE NEW BREAK ROOM WINDOW.”

2. Sheet A4.0:
   a. At east end of Hall D31, ADD note “GWB HDR @ 7'-2”.”
   b. At east side of Dressing C12, and adjacent closet, ADD note “GWB HDR @ 7'-2”.”

3. Sheet A7.0
   a. At 101, east wall, CHANGE the thickness of the polycarbonate panels from 3/8” to ¼”.
B. Mechanical:

1. Sheet M0.3
   a. Fan Schedule, REVISE EF-15 to be Cook 245-TLC-B.
   b. Fan Schedule, REVISE Note 2 to read: "Roof top fans noted to be provided with VFD's shall have the VFD's mounted on the roof adjacent to the fan. Provide weatherproof enclosure for VFD and support per Detail 14, Sheet M4.4."
   c. Fan Schedule, REVISE EF-14 as follows: Cook ACRUD-100, Rooftop upblast, Battery Room D35, 450/300 cfm, 0.38" SP, 1430 RPM, 10" diameter, 1/8 HP, 115V/1Ph, direct drive, fan runs continuously in low speed, and switches to high speed upon hydrogen sensor alarm. Max weight 200 lbs, spark proof construction with totally enclosed motor and VFD for 2-speed operation.
   d. Fan Schedule: REVISE EF-21 as follows: Cook ACRUD-100, Rooftop upblast, Emergency Electrical Room D36, 300 cfm, 0.25" SP, 1175 RPM, 10" diameter, 1/8 HP, 115V/1Ph, direct drive, fan runs continuously, max weight 200 lbs, spark proof construction with totally enclosed motor and speed controller.
   e. Fan Schedule, ADD Note "7. Fans provided with EC motors to comply with energy code requirements shall be provided with factory mounted devices to allow for manual adjustment of motor speed."
   f. Fan Schedule, ADD Note "8. Single phase fans indicated to be provided with VFD's shall have the VFD provided by the fan manufacturer."
   g. Air Handling Unit Schedule, ADD Note: "4. Two VFD's shall be provided to serve supply fans, one VFD connected to upper fans, one connected to lower fans."
   h. Miscellaneous Equipment Schedule, ADD: HT-1, Heat Trace, Raychem XL-Trace, serves AHU-1 OA plenum snow trap, 5 watts/linear foot, 210 watts, 115 V/1Ph, with thermostat, controller, and accessories. Coordinate installation with Electrical Contractor.

2. Sheet M2.1
   a. REVISE underground piping near AHU-1 per the attached Sketch MSK-003.

3. Sheet M4.1
   a. ADD General Note "12. Provide motorized dampers at all roof and exterior wall penetrations served by exhaust fans. Interlock dampers with exhaust fan served such that damper opens when fan operates and is closed otherwise.
   b. ADD General Note "13. Provide motorized dampers in ductwork up to all RVR's. Interlock damper with HVAC unit serving same zone such that motorized damper modulates from 0% to 100% open when the HVAC unit OA damper modulates from 50% to 100% open.
   c. At SF-1 serving Electronics Room 034 ADD Note: "Provide transition as necessary to connect SF-1 to FR-1."
   d. ADD Section "A" through Mechanical Room D18 running east and west approximately 5 feet north of grid 2, facing south. See MSK-006 for Section A.
   e. At AHU-1, outside air plenum, ADD note: "OA plenum full size of louver, 4 feet deep. Provide HT-1 heat trace to bottom of plenum per Detail 15, Sheet M4.4.
   f. In Breakroom D19, REVISE exhaust fan callout to be "EF-9".

4. Sheet M4.2
   a. ADD General Note "10. Provide motorized dampers at all roof and exterior wall penetrations served by exhaust fans. Interlock dampers with exhaust fans served such that damper opens when fan is on, and is closed otherwise.
   b. ADD General Note "11. Provide motorized dampers in ductwork up to all RVR's. Interlock damper with HVAC unit serving same zone such that motorized damper..."
A CK Unit Sleeper Detail" with "AC Unit Support Detail" shown in the attached sketch MSK-004.

b. ADD Detail 14, Sheet M4.4, per the attached sketch MSK-005.

c. Detail 13, AHU-1 configuration, SHIFT OA intake up to be tight to top of unit.

d. ADD Detail 15, Snow "Trap Detail" per the attached Sketch MSK-007

C. Electrical:

1. Sheet E2.00
   a. At Flag Notes, ADD, “20 Provide 1% dimming system in this room”.
   b. Insert flag note reference 20 at the following (5) locations:
      1) At DSC in Conference D04
      2) At DSC in Conference D16
      3) At DSC in NW corner of Communications D26
      4) At CS in SE corner of Communications D26
      5) At dimmer switch in Testing/Training D30

2. Sheet E5.01
   b. Rerouted conduit, with added pull box between Storage C11 and Electronics Room.
   c. Added outlets in multiple locations.
   d. Replaced conduit with cable tray between Data and Electronics Room.
   e. Items “a” through “d” as shown on attached reduced sheet E5.01.

3. Sheet E.000
   a. Revised telecom outlet type and description (per sketch ESK-003).

4. Sheet E1.00
   a. Added data outlet to generator (per sketch ESK-004).
   b. Added flag note 14 and general note 5 (per sketch ESK-004).

5. Sheet ED3.00
   a. A general notes 5 and 6 (per sketch ESK-005).

6. Sheet E5.00
   a. Added general note 1 (per sketch ESK-006).

7. Sheet E3.00
   a. Revised circuiting in Bldg Maintenance 120 (per sketch ESK-007).

8. Sheet E4.00
   a. Added heat trace connection to AHU-1 (per sketch ESK-008).
   b. Added hydrogen sensor connection in battery room (per sketch ESK-008).
VI. INCLUDED ATTACHMENTS

A. SECTION 00 20 00 – BID FORM, (watermarked “SAMPLE” form, totaling 5 pages)
B. Mechanical Sketches, MSK-003 through MSK-007.
C. Panel Schedule EMP2
D. Panel schedule EMP4
E. Panel schedule PP1
F. Electrical Sketches, ESK-003 through ESK-008.
G. Electrical Sheet E5.01 (reduced scale).

Approved By:
Ron Rieker, Project Manager
Yakima County Public Services Department

END OF ADDENDUM #2
SECTION 00 20 00 – BID FORM

TO: Clerk of the Board of County Commissioners
Yakima County
Yakima County Courthouse, Room 232
128 North Second Street, Yakima, WA 98901

FOR: YAKIMA COUNTY RESOURCE CENTER REMODEL – PHASE 2
PROJECT No. PW14-001.

BID OFFER

We have carefully examined and are fully familiar with all of the provisions of the Contract Documents and addenda thereto, as well as the site conditions affecting the work.

We agree to perform all the Work and to provide all labor, material, supervision, management, tools and equipment, incidental field design, goods and services and necessary incidentals to complete the Work in accordance with the Contract Documents.

Undersigned shall perform such Work for the Costs indicated on this FORM OF PROPOSAL: BID PRICE FORM.

Costs include Overhead, Profit, Bonds and Insurance and other expenses required to complete Work, including Washington State Sales Tax and other applicable taxes.

ACCEPTANCE

This offer shall be open to acceptance and is irrevocable for 30 days from Bid Date. If this Bid is accepted by the Owner within the time stated above, we will execute the Agreement within 7 days of receipt of Notice of Intent to Award. We will provide all other contract submittals such as Performance Bond, Certificates of Insurance, Retained Percentage and Escrow Forms, Prevailing Wage Certificates and Safety Submittals as required by Contract Documents.

THE OWNER MAY DECLINE TO ENTER INTO THE CONTRACT, WITHHOLD ITS “NOTICE TO PROCEED,” AND / OR WITHHOLD PAYMENT TO THE CONTRACTOR UNTIL SURETY BOND IS RECEIVED.

CONTRACT TIME

We agree to complete all work of the project within One Hundred Eighty (180) Calendar Days from date of Notice to Proceed to date of Substantial Completion as stipulated in the agreement. This project contract time does not include the following holidays: New Years Day, Martin Luther King Day, President's Day, Memorial Day, July 4th, Labor Day, Veterans Day, Thanksgiving Day, the day after Thanksgiving Day, and Christmas Day."

We acknowledge that the liquidated damages established in the contract documents represents a reasonable estimate of the damages that the Owner will suffer if the project is not completed within the time constraints established in the contract.
ADDENDUM

The following Addenda have been received:

Addendum No. _____, Dated ________
Addendum No. _____, Dated ________
Addendum No. _____, Dated ________

FORM OF PROPOSAL – LUMP SUM BASE BID

The following represents the Cost to perform the Base Bid Work described in the Yakima County Restitution Center Administration Remodel Contract Documents. Lump sum base bid amount includes all taxes imposed by law including state and local sales tax. Amounts shall be shown in both words and figures. In case of discrepancies, the amount shown in words shall govern. Failure to fill in all lines shall mean the bid is non-responsive.

TOTAL LUMP SUM BASE BID

The following represents the cost to perform the Base Bid Work defined in the Contract Documents including Washington State Sales Tax at 8.1%.

Words: __________________________________________________________________________________________

Figures: $________________________________________

ALTERNATE BIDS: The following Alternate Bids are considered additive to the Base Bid unless noted by the Bidder otherwise:

Alternate Bid No. 1: Provide all new electrical switch gear and distribution panels as manufactured by Cutler-Hammer.

Words ___________________________________________________________ $____________________

BIDDER

Submitted on (date): ________________________________

Legal name of Bidder: ________________________________

Mailing address of Bidder: ________________________________

Telephone No: ______________________________________________

Facsimile No: ______________________________________________

WA State Contractors License No: ________________________________
License expiration date: ____________________________

WA state Excise Tax Registration No: ____________________________

Federal I.D. No: ____________________________

Name of Person Authorized to sign: ____________________________

Signature of Person Authorized to sign: ____________________________

Title of Person Authorized to sign: ____________________________
CERTIFICATE OF GOOD FAITH EFFORT (MWBE)

To Be Included with Bid

I/We certify that my/our company has made a good faith effort to secure sub-bids from Minority and Women’s Business Enterprises (MWBE) for labor and/or materials for this project. In addition, I/We certify that said company is an equal opportunity employer, has in place an affirmative action plan, and does not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin.

________________________________________
Company Name

________________________________________
Authorized Signature

________________________________________
Date

END OF CERTIFICATE
SECTION 00 20 00 - SUBCONTRACTORS LIST

This form needs to be submitted to the Owner concurrent with the Bidder’s Proposal or as otherwise approved in the Instructions to Bidders. Subcontractors listed shall include those required by RCW 39.30.060: HVAC, Electrical, and Plumbing.

General Contractor’s Name: __________________________________________________________

Date: __________________________

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<th>Description of Work/Material</th>
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END OF SECTION 00 20 00
SNOW TRAP DETAIL

(E) WALL

OA PLENUM

45° ANGLED DUCT UP FROM AHU CONNECTION TO PLENUM

EXTEND SHEETMETAL BAFFLE FULL WIDTH OF PLENUM, DOWN TO WITHIN 20" OF BOTTOM OF PLENUM

AHU CONNECTION, SEE PLAN

PLENUM SEAL WATER TIGHT

VENT, EXTEND MINIMUM 12" SEAL WATER TIGHT

HEAT TRACE BOTTOM OF PLENUM, PROVIDE INSULATED SHEETMETAL SUPPORT OF HEAT TRACE CABLE

3/4" DRAIN TO DRAIN

YAKIMA COUNTY RESOURCE CENTER
REMODEL - PHASE 2
UNION GAP, WASHINGTON

References: M4.4
Sketch No: MSK-007

Attachment to: Addendum #2 Date: July 7, 2014 YC Project No: PW14-001
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Connected KVA: 17.09 17.89 15.89

* Circuit Breaker Code:

- G = GFCI
- H = HID Rated
- S = Shunt Trip
- C = HACR Rated
- D = Switching Duty
- A = AFCI

# = see note

Revision: B18086

File: J:\B18086, Design\Sched\Yakima.PNL

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Notes:

- **Load Type**: Misc, Mech
- **Conn KVA**: 0.75, 158.67
- **NEC Demand Factor**: x 100%
- **Demand KVA**: 0.75, 158.67
- **Demand Amps**: 2, 440
- **NEC Feeder Factors**: NEC Feed Amps
- **NEC Feed Amps**: 443, 482
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<th>Rev: Add 2</th>
<th>7/7/2014</th>
<th>Connected KVA</th>
<th>2.72</th>
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<th>2.70</th>
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<td>G = GFCI</td>
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<td>S = Shunt Trip</td>
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<td># = see note</td>
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Notes: Provide with 200% neutral bar.

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<th>Load Type</th>
<th>Conn KVA</th>
<th>NEC Demand Factor</th>
<th>Demand KVA</th>
<th>Demand Amps</th>
<th>NEC Feeder Factors</th>
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<td>Recept</td>
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<td>10 KVA @100%, rest @50%</td>
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<td>x100%</td>
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<td>23 Amps</td>
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</table>
TELECOM OUTLET TYPES

\# INDICATES QUANTITY OF CAT6 DATA JACKS.
E.G. 4 INDICATES (4) DATA JACKS. PULLSTRING
ALWAYS PROVIDED. WHERE NO QUANTITY IS
NOTED, PROVIDE 1 DATA JACK, AND
PULLSTRING.

AC CAT6 OUTLETS MOUNTED 3” ABOVE COUNTER BACKSPLASH
GENERAL NOTES:

4. CONNECT ELECTRICAL SYSTEM TO EXISTING GROUNDING ELECTRODES.

5. ALL CAMERA LOCATION CABLELING TO BE TERMINATED IN ELECTRONICS ROOM D34.

FLAG NOTES:

13 PROVIDE #4/0 TO GENERATOR GROUND RING.

14 FOR GENERATOR CONTROL CONNECTION, ELECTRICAL AND TELECOM CONTRACTORS SHALL COORDINATE EXACT LOCATION. CABLE MUST BE OUTDOOR RATED CAT6.
GENERAL NOTES:

2. FOR EXISTING LOADS THAT ARE BEING RECONNECTED TO NEW PANELS, DO NOT DISCONNECT LOADS UNTIL NEW PANELS ARE ENERGIZED.

5. WRECK OUT ALL CAT5 CABLES THAT ARE AFFECTED BY THE DEMOLITION PORTION OF THE REMODEL FROM DEVICE TO ROOM 110. TRACE AND REMOVE ALL CAT5 CABLES IN THE AREA TO BE REMODELED FROM STATION END TO ROOM 110. REBUNDLE/DRESS ALL CABLE BUNDLES AFFECTED AS PART OF THE DEMOLITION.

6. RE-TERMINATE ALL REMAINING CAT5 CABLES IN ROOM 110. APPROXIMATELY 100 CABLES. CONTRACTOR TO VERIFY QUANTITIES. REMOVE ALL AMP CONNECTOR MODULES AND PATCH PANELS AND RE-TERMINATE CAT5 CABLES WITH LEVITON CONNECTOR MODULES AND PATCH PANELS. NETWORK CONNECTIVITY MUST BE MAINTAINED DURING REGULAR BUSINESS HOURS FOR NETWORK CABLES IN USE BY CUSTOMER PERSONNEL. COORDINATE WITH COUNTY'S IT DEPARTMENT FOR THIS WORK.
GENERAL NOTES:

1. ALL CAMERA LOCATION CABLING TO BE TERMINATED IN ELECTRONICS ROOM D34.
SEPARATE TWO-POSITION LIGHT SWITCH.

AHU-1 HEAT TRACE CONNECTION.

HYDROGEN SENSOR IN CEILING. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL.