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**Cooweescoowee Health Center
Addendum #6**

DATE: February 18, 2014

ADDENDUM NO.: 6

PROJECT: Cooweescoowee Health Center

BID PACKAGE NO: 21, 23, 26

SUBMITTED BY: CNCR

-
1. Please find attached Addendum #06 Narrative and Bid RFI responses from Selser Schaefer Architects dated 17 February 2014.
 2. The bid date for Bid Package #21 Fire Suppression, #23 Mechanical/HVAC, and #26 Electrical has been extended to Tuesday, February 25, 2014 @ 3:00 PM.

17 February 2014

Addendum 6 to the Bidding Documents for:

Cherokee Nation
Cooweescoowee Health Center
395200 West 2900 Road
Ochelata, Oklahoma 74051

Project Number R13.044

Project Manual Issue 01; dated 18 October 2013
Drawings Issue 01; dated 18 October 2013

The contents of this *Addendum 6* supersede and supplement all portions of the above referenced bidding documents with which *Addendum 6* conflicts.

PROJECT MANUAL

SECTION 23 5216 – CONDENSING BOILERS (NARRATIVE ONLY)

Item 1 Add the following approved manufacturer in paragraph 2.1.B:
4. Raypak, XFyre 850A.

SECTION 23 6500 – EVAPORATIVE FLUID COOLER (NARRATIVE ONLY)

Item 1 Subject to compliance with all requirements of this Section, the following manufacturers are added: Baltimore Aircoil, Marley (previously approved in Addendum 4), and Delta. Any substitution equipment must fit within the constraints of the mechanical courtyard.

SECTION 23 7413 – PACKAGED INDOOR MAKE UP AIR CONDITIONING UNITS (NARRATIVE ONLY)

Item 1 Add the following approved manufacturers in paragraph 2.1.B:
4. Innovent.
5. Aeon.
6. Johnson Controls.
7. York.
8. Munters.
9. Applied Air.

SECTION 23 8146 – WATER SOURCE HEAT PUMPS (NARRATIVE ONLY)

Item 1 Add the following approved manufacturers in paragraph 2.01.A:
2. HydroTemp variable speed.
3. Water Furnace variable speed.

SECTION 25 0000 – FACILITY MANAGEMENT AND CONTROL SYSTEM (FMCS) (NARRATIVE ONLY)

Item 1 Add the following approved control system contractors in paragraph 1.2:
2. Automated Logic Controls, ES2.
3. Northwest Control Systems, Alerton Building Suite by Alerton Automation Systems.
4. Honeywell Controls.
5. Johnson Controls.

ATTACHMENTS

RFI #23 Vibration Isolation
RFI #24 Adjustable Elbows
RFI #25 Hydronic System Water Treatment
RFI #26 Hydronic Piping Thickness
RFI #27 Hydronic Piping Valves
RFI #28 Kitchen Hood
RFI #29 CFM Ratings
RFI #30 Addendum #4 Drawings
RFI #31 Underground Hydronic Piping
RFI #32 Hydronic Piping Insulation
RFI #33 Heat Pump Alternate
RFI #34 Cooling Tower Alternate 1
RFI #35 Controls Alternate
RFI #36 Cooling Tower Alternate 2
RFI #37 Cooling Tower Alternate 3
RFI #38 Heat Pump Fan Speed
RFI #39 DOA Fan Units

END OF ADDENDUM 6

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #23
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: There is no vibration and/or seismic schedule.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: A vibration and/or seismic schedule is not required.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #24
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Print M002 detail C1 indicates rigid elbows, are adjustable elbows acceptable? (this is what is being used on Redbird Smith)

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Adjustable elbows are acceptable.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #25
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Per specifications section 23 25 13 Water Treatment for Closed-Loop Hydronic Systems there is no detail per print only written instructions under execution, advise as to what the intentions of the engineer are, there is additional piping not shown on prints to accomplish what is required for the water treatment along with heat tracing. The majority of the equipment can be factory installed versus and independent company.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: The intent is to provide a chemical pot feeder to serve the closed loop hydronic system and an automatic chemical feeder for the fluid cooler. Use convenience receptacles in the mechanical room for power for heat trace.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #26
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: If schedule 40 black steel was used in lieu of schedule 80 black steel where applicable there would be a reduced cost.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Schedule 40 is acceptable where applicable.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #27
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Using butterfly and ball valves where applicable in lieu of Globe or Gate valves would reduce cost.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Butterfly and ball valves are acceptable.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #28
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Clarification as to what kitchen hood is to be used and who is to provide it.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Kitchen hood schedule as added to sheet M003 under Addendum #5. Hood should be provided and installed by the mechanical contractor.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #29
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: CFM's ratings are not on the prints for supply, return or exhaust air.

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Airflows are located on sheets M201 and M202.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #30
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Per Addendum #4 the following Mechanical Prints were NOT attached. M003, M004, M104, M302, M304

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: These sheets were issued under Addendum #5 not #4.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #31
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: What material is the hydronic piping from chiller to inside building, and is it underground or above ground?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Schedule 80 CPVC with solvent weld joints.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #32
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: What type of insulation is required for the hydronic piping from inside of building to chiller?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Granular, loose fill. Refer to specifications for thickness.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #33
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Is JCI accepted as alternate for heat pump and DOA units?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: JCI is not acceptable as alternate for the heat pumps but is acceptable for the DOA units.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #34
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Is Baltimore Aircoil accepted as alternate for cooling tower?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Baltimore Aircoil is accepted as an alternate. However, the unit will have to fit within the constraints of the previously designed mechanical courtyard.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #35
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Is Honeywell Controls accepted as alternate for controls?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Yes.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #36
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Is Marley accepted as alternate for cooling tower?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Marley is accepted as an alternate. However, the unit will have to fit within the constraints of the previously designed mechanical courtyard.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #37
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Is Delta accepted as alternate for the cooling tower?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: Delta is accepted as an alternate. However, the unit will have to fit within the constraints of the previously designed mechanical courtyard.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #38
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Does the heat pump require variable speed fan and compressor or just fan?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: The heat pumps will require both a variable speed fan and compressor.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects

Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____

BID REQUEST FOR INTERPRETATION

SELSE SCHAEFER ARCHITECTS

Project: Cooweescoowee Health Center RFI Number: #39
395200 West 2900 Road From: Tina Jones
Ochelata, Oklahoma Date: 2/14/2014
To: Kevin Bowden, kbowden@selserschaefer.com Contractor: Cherokee Nation Construction Resources
Phone/Fax: 918.587.2282 / 918.587.2285 Phone / Fax: 918.207.3512 / 918.583.7948

Specification Section: Paragraph: Drawing Reference / Detail:

Request: Can the DOA units be split into (4) units in lieu of (2) units?

Requested By: Randy Bias, CO-9 Air Control Systems

Contractor Proposed Solution:

Response: No.

Attachments:

Response From: Dan Farquharson, HP Engineering

Response Issued By: Kevin Bowden, Selser Schaefer Architects Response Date: 2/17/2014

Copies: Owner Civil Structural MEP Landscape _____
