Scope of Work – 2026

FEPP Project Number: NA26CL018H6

FEDS Number: 209909

DDC connections to RTU's

I. Description of the Work to be Performed:

Chinle Comprehensive Health Care Facility is requesting for Contractor to install DDC connections to Roof Top Units (RTU) and one chiller. Departments are LAB building RTU, Facility Maintenance Building RTU, X-ray department RTU, Quality Management department RTU, General Service RTU, Hospital Entrance (Hogan area) RTU and Chiller 1.

- LAB building has two RTU's with standalone thermostats but only one unit is connected for Metasys communications. Both units have a preheat unit installed with HVAC RTU units. Upgraded wiring was performed by JCI – Dave at this time a new controller CC4017CF-23FA-49A8-AC29 has been installed on the first unit. The request is to upgrade the wiring back to NAE engine in crawlspace by boiler room. Boiler Operations would like to control room temperature settings and would like to see overall operations of RTU (Cooling command, Heating command, DA temp, Supply fan, Supply fan command, Room temp, cooing set point, heating setpoint, RA temp, MA temp, Cooling stage 1 & 2, Heating stage 1 & 2, zone set point).
- FM building has two RTU's but only one unit is connected. We will need to re-connect FMS_HV-2, since HV-1 is already connected. On the display, we have question marks for HV-2 on Room Temperature, DA temp & Warm/cool adjust. 0.0 readings on Setpoints to cooling and heating.
- X-Ray has one RTU for room 3A34 with a stand-alone thermostat. No DDC connections. We will need basic DDC connections to this unit (Cooling and Heating Command, DA Temp, Supply Fan operations, RM Temp, Cooling and Heating set points, Warm/Cool Adjust).
- Hospital Entrance "Hogan" RTU is an HVAC unit with first and second stage cooling and heating system, also with standalone Thermostat. Would like to see overall operations of RTU (Cooling command, Heating command, DA temp, Supply fan, Supply fan command, Room temp, cooing set point, heating setpoint, RA temp, MA temp, Cooling stage 1 & 2, Heating stage 1 & 2, zone set point and warm/cool adjust).
- Quality Management HVAC is only one stage cooling and heating (electric) with standalone thermostat. We will need basic DDC connections to this unit (Cooling and Heating Command, DA Temp, Supply Fan operations, RM Temp, Cooling and Heating set points, Warm/Cool Adjust).
- General Service has a stand-alone Thermostat for one HVAC RTU. No DDC connections. We will need basic DDC connections to this unit (Cooling and Heating Command, DA Temp, Supply Fan operations, RM Temp, Cooling and Heating set points, Warm/Cool Adjust).
- York Chilled Water, Chiller 1 has been replaced 2021. DDC connections was not connected. Overall operation from Metasys is requested. New wiring and controller shall be installed for two chiller systems. Programming in the system is available but has no readings, ???.

II. Background:

Lab, Facility Maintenance RTU's and a chiller have or had DDC connections and been disconnected due to replacements. Most of the programming in the Metasys still exists. Boiler Operations cannot

III. Location of Work:

The Chinle Comprehensive Health Facility, Wellness Center, Off Highway 191 & Hospital Drive, Chinle Arizona, 86503. DDC connections location are on the Chinle Hospital premises. FM and Lab buildings are separated from the hospital.

IV. Period of Performance: Urgent Request

V. Deliverable / Schedule: 30 days

VI. Performance Standards / Requirements:

- Contractor shall provide all material, labor, tools, knowledge, hardware, programming and transportation to carry out tasks.
- Contractor shall complete program and install all wiring with components.
- Contractor shall upgrade wiring and controller to LAB RTU-2. Connect have communication established for RA Temp, MA temp, DA temp, Cooling and Heating command, First and Second stage connected for cooling and heating, Supply Fan status and command, Zone temp and warm/cool adjust.
- Contractor shall connect Facility Building HV-2. Cooling and Heating command, supply fan status, supply fan command, DA temperature, filter alarm, Room Temperature, Cooling and Heating set point and warm/cooling adjust.
- Contractor shall connect X-Ray communications (Cooling and Heating command, supply fan status, supply fan command, DA temperature, filter alarm, Room Temperature, Cooling and Heating set point and warm/cooling adjust).
- Contractor shall connect Hospital entrance (Hogan) for communication established for RA Temp, MA temp, DA temp, Cooling and Heating command, First and Second stage connected for cooling and heating, Supply Fan status and command, Zone temp and warm/cool adjust.
- Contractor shall connect for Quality Management basic DDC connections to this unit (Cooling and Heating Command, DA Temp, Supply Fan operations, RM Temp, Cooling and Heating set points, Warm/Cool Adjust).
- Contractor shall connect for General Service basic DDC connections to this unit (Cooling and Heating Command, DA Temp, Supply Fan operations, RM Temp, Cooling and Heating set points, Warm/Cool Adjust).
- Contractor shall connect communication to York Chilled Water. Overall operation from Metasys is requested. New wiring and controller shall be installed for two complete systems. Programming in the system is available but has no readings, ???.

VII. Special Requirements:

- Contractor shall cooperate with Hospital's Covid-19 protocols.
- Contractor shall verify all wiring length, controller units, components, programing, RTU units and NAE engines.
- Contractor shall have in place and follow Infection Control ceiling access permit.
- Contractor shall follow OSHA fall protection requirements.
- Contractor shall train and demonstrate operations of new programing and operations of Metasys to listed RTU's.

- Contractor shall stop and evaluate any issues not covered on Purchase Order with Supervisory of Contact.

VIII. Point of Contact:

- Willard Yazzie, USRO Supervisor (928) 764-7292
- Tommy Bia, Acting Facility Manager (928) 674-7289

IX. End of Scope of Work