



## **REQUEST FOR PROPOSALS**

### **HVAC Repairs for Pressurized Rooms FY-19**

#### **I. SUMMARY AND BACKGROUND**

The Winnebago Comprehensive Healthcare System (WCHS) is currently accepting proposals for implementation of a project to repair HVAC deficiencies in pressurized rooms identified during inspection of the Twelve Clans Unity Hospital in Winnebago, NE.

The purpose of this request is to solicit proposals from various candidate organizations, conduct a fair and extensive evaluation based on criteria listed herein, and select the candidate who best represents the direction that WCHS wishes to go.

Winnebago Comprehensive Healthcare System is a tribally managed healthcare organization operated under compact with the US Federal Government based upon Title V of the Indian Self Determination and Education Assistance Act.

#### **II. PROPOSAL GUIDELINES**

This Request for Proposal represents the requirements for an open and competitive process. Proposals will be accepted until 4:30 PM on 17 August 2019. Any proposals received after this date and time will be returned to the sender. All proposals must be signed by an official agent or representative of the company submitting the proposal.

If the organization submitting a proposal must outsource or contract any work to meet the requirements contained herein, this must be clearly stated in the proposal. Additionally, all costs included in proposals must be all-inclusive to include any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organizations being contracted.

All costs must be itemized to include an explanation of all fees and costs.

Contract terms and conditions will be negotiated upon selection of the winning bidder for this RFP. All contractual terms and conditions will be subject to review by WCHS legal department and will include scope, budget, schedule, and other necessary items pertaining to the project.

#### **III. GENERAL REQUIREMENTS**

All work taking place under this RFP must comply with the 2012 NFPA Life Safety Code, and the 2014 FGI Guidelines for Design and Construction of Hospitals and Outpatient Facilities, and other regulatory requirements as listed in References section.

The contractor will ensure the normal business operations are not affected with minimal interruptions during construction. Contractor must comply with all Federal, State, and Local regulations. The Contractor is advised to confer with Winnebago Tribe of Nebraska regarding

any Tribal taxes/permit required in conjunction with this work.

Contractor will be required to secure an Infection Control Construction Permit from the hospital Infection Control Officer, and ensure the costs of those precautions are included in the award price. Following award of the Task Order, a preconstruction conference will be held at the Twelve Clans Unity Hospital, and the Hospital Safety Officer will issue any additional permit requirements for working within the hospital.

Contractor will provide *red-line drawings* to the WCHS Project Officer at the completion of task order.

The Contractor shall restore all areas disturbed by construction, both interior and exterior, to condition at least equal to that existing prior to construction. Contract shall take necessary precautions to minimize any dust, dirt, or tracking throughout the health center during the construction process, and shall be responsible for any required clean-up or damage related to the construction activity. The Contractor shall dispose of all excess construction materials and rubbish in an EPA-approved landfill.

Technical drawings are available for estimating and execution of the construction. The Contractor is encouraged to contact the Contracting Officer (CO), or designee, to arrange a visit to determine the nature and extent of the required construction. Submittals will be required for all tasks marked below with an (\*).

#### IV. CONTRACTOR EXPERIENCE REQUIREMENTS

All organizations submitting a proposal must have completed previous projects in a Healthcare Setting within the last 3 years; includes experience with the Infection Control and Safety Risk Assessment Process and ICRA Levels 1-4 used for dust management in a healthcare setting.

#### V. SUMMARY OF WORK

The work covered under this Summary includes all design, labor, tools and materials required to complete the task item(s) listed below:

#### **CONSTRUCTION:**

##### **Demolition:**

- N/A

##### **Structural:**

- N/A

##### **Architectural:**

- N/A

**Mechanical/Electrical/Plumbing:**

- Install mechanical pressure indicators in room D156, as well as the AIIRs in **Table 2** noted below with a ^
- Install new exhaust system for rooms within Radiology, Laboratory, and Physical Therapy; the new system will be labeled as EXF-15
- Modify existing ductwork as noted below (columns 3 & 5)
- Balance HVAC in each room in the **Table 1** below; requirements are based on the room being in the “occupied” or “in-use” mode

**Table 1**

<b>ROOM DESCRIPTION</b>	<b>ROOM #</b>	<b>CURRENT HVAC</b>	<b>SHEET</b>	<b>NEW HVAC</b>	<b>ROOM FT³</b>	<b>ACH</b>	<b>PRESSURE</b>
Body Holding	B501	EXF-1	M2.3	N/A	1565.5	N/A	Negative
ED Decon Shower	D213	EXF-1	M2.9	N/A	766.7	12	*Negative to ED
ED Waiting Area	D216	AHU-9	M2.9	EXF-1	1016.7	12	see <b>Table 2</b>
ED Triage Room	D219	AHU-9	M2.9	EXF-1	358.3	12	see <b>Table 2</b>
Laboratory	D513	EXF-1	M2.10	EXF-		6	*Negative
Spiritual Room	E010	EXF-9	M2.18	N/A		10	*Negative
Clean Work/Storage	E115	AHU-11	M2.14	N/A	1039.5	4	see <b>Table 2</b>
Specialty Clinic	E122	AHU-11	M2.13	N/A	1300.0	6	Positive
CS Receiving, CS Cart Wash, & CS Decon	F101, F103, & F104	EXF-3	M2.14	N/A	2404.0	6	see <b>Table 2</b>
CS Equip Room	F105	EXF-3	M2.14	N/A	983.0	10	see <b>Table 2</b>
CS Workroom	F106	AHU-11	M2.14	N/A	1034.7	4	see <b>Table 2</b>
CS Sterile Storage	F107	AHU-11	M2.14	N/A	1574.0	4	see <b>Table 2</b>
Wheelchair Shower	F320	EXF-3	M2.16	N/A	666.7	10	*Negative

\*0.01” wc pressure difference with corridor (unless otherwise noted)

- Establish pressure values and relationships listed for the rooms in **Table 2**

**Table 2**

<b>ROOM DESCRIPTION</b>	<b>ROOM#</b>	<b>PRESSURE RELATIONSHIP</b>	<b>PRESSURE REFERENCE</b>	<b>PRESSURE VALUE</b>	<b>ROOM FT<sup>3</sup></b>	<b>ACH</b>
ED Waiting Toilet	D006	Negative to	D216	N/A	341.7	10
ED Waiting Area	D216	Positive to Positive to Negative to	D006 D219 Corridor	N/A <sup>1</sup> 0.01” <sup>1</sup> -0.01”	see <b>Table 1</b>	see <b>Table 1</b>
ED Triage Room	D219	Negative to	D216 ED	<sup>1</sup> -0.01” N/A	see <b>Table 1</b>	see <b>Table 1</b>
AIIR #3 Toilet	E312	Negative to	E314	N/A	419.1	10
AII Room #3	<sup>^</sup> E314	Positive to Negative to Negative to	E312 E315 Corridor	N/A <sup>1</sup> -0.01” <sup>2</sup> -0.03”	1682.0	12
Anteroom #3	E315	Positive to Negative to	E314 Corridor	<sup>1</sup> 0.01” N/A	673.8	10
Anteroom #4	E317	Positive to Negative to	E318 Corridor	<sup>1</sup> 0.01” N/A	673.8	10
AII Room #4	<sup>^</sup> E318	Positive to Negative to Negative to	E319 E317 Corridor	N/A <sup>1</sup> -0.01” <sup>2</sup> -0.03”	1682.0	12
AIIR #4 Toilet	E319	Negative to	E318	N/A	419.1	10
CS Receiving, CS Cart Wash,	F101, F103, &	Positive to Negative to	F102 F105	N/A <sup>1</sup> -0.01”	see <b>Table 1</b>	see <b>Table 1</b>

& CS Decon	F104	Negative to  Negative to	F106  Corridor	<sup>2</sup> -0.03"  <sup>1</sup> -0.01"		
CS Toilet Room	F102	Negative to	F101, F103, & F104	N/A	400.0	10
CS Equip Room	F105	Positive to  Negative to	F101, F103, & F104  F106	<sup>1</sup> 0.01"  <sup>2</sup> -0.03"	see <b>Table 1</b>	see <b>Table 1</b>
CS Workroom	F106	Positive to  Positive to	F101, F103, F104, & F105  F107	>0.03"  >0.01"	see <b>Table 1</b>	see <b>Table 1</b>
CS Sterile Storage	F107	Negative to  Positive to	F106  Corridor	<sup>1</sup> -0.01"  <sup>1</sup> 0.01"	see <b>Table 1</b>	see <b>Table 1</b>
Anteroom #2	F328	Positive to  Positive to  Negative to	F329  F330  Corridor	<sup>1</sup> 0.01"  N/A  <sup>1</sup> -0.01"	674.0	10
AIIR Room #2	<sup>^</sup> F329	Negative to  Negative to	F328  Corridor	<sup>1</sup> -0.01"  <sup>2</sup> -0.03"	1675.6	12
AIIR #2 Toilet	F330	Negative to	F328	N/A	419.2	10

<sup>1</sup> +/- 0.005" wc pressure

<sup>2</sup> +/- 0.01" wc pressure

- Upgrade motors, fans, VAVs, controls, etc., where needed, to meet code requirements for pressure, total air changes, temperature, and humidity
- Update Metasys monitoring & alarms, as required

**Government/Tribal Furnished Equipment (GFE):**

- N/A

## VI. BASIS FOR PAYMENT

In accordance with Winnebago Comprehensive Healthcare System and Winnebago Tribe of Nebraska contracting procedures; the basis for payment of this work shall be a lump sum price for the completion of the proposed contracts in accordance with Summary of Work and accepted proposals, including all labor and equipment necessary for completion of the work. The period of performance will be 90 days from the notice to proceed. All items listed above shall be approved by submitting shop drawings for approval by WCHS prior to order or installation.

## VII. REFERENCES

- Facility Guidelines Institute (FGI)
  - Design and Construction of Hospitals & Outpatient Facilities (2014)
- National Fire Protection Association (NFPA)
- American Society for Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE)
- Centers for Medicare and Medicaid Services (CMS)
- Centers for Disease Control (CDC)
  - Guideline for Disinfection and Sterilization in Healthcare Facilities (2008)
  - Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings (2007)
  - Guidelines for Environmental Infection Control in Health-Care Facilities (2003)
- Occupational Safety and Health Administration (OSHA)
- Association of Professionals in Infection Control and Epidemiology (APIC)
- Society of Healthcare Epidemiology of America (SHEA)
- AAMI/ANSI
- World Health Organization (WHO)

For questions and further information please contact:

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