

**REQUEST FOR ARCHITECTURAL & ENGINEERING  
DESIGN SERVICES**

**HEALTH SERVICES UNIT BUILDING**

**WISCONSIN DEPARTMENT OF CORRECTIONS**

**RACINE CORRECTIONAL INSTITUTION**

**STURTEVANT, WI**

**August 2016**

**PROJECT 15I1D**

### **Project Background and Purpose**

This project will provide for the planning, design, and construction of a modern Health Services Unit (HSU) at Racine Correctional Institution, (RCI), designed to meet the medical, dental, and therapeutic needs of a diverse inmate population. RCI is a medium security institution in the Wisconsin DOC system with a capacity of 1,550 inmates. The current Health Services Unit is located on the second floor of the Programs building and is approximately 6,363 ASF. The space was constructed in 1991 for 650 adult male offenders in a building that was converted from a boarding school for boys.

RCI is faced with an aging inmate population with increased medical needs. The inmate population at RCI has a high proportion of chronically ill inmates: Approximately 30% of the 1,600 inmates have been diagnosed with one or more chronic illnesses. There are a significant number of inmates that require the use of wheelchairs or other assistive devices for mobility. Because of the proximity to University Hospital and Clinics in Madison, inmates requiring frequent off-site medical care are often transferred to RCI.

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**Location:** Racine Correctional Institution, Racine County

**Project Number:** 1511D

### **Project Description**

This project will provide for the planning, design, and construction of a new 28,000 gross square foot (GSF) free-standing building Health Services Unit (HSU) at Racine Correctional Institution, (RCI), designed to meet the medical, dental, and therapeutic needs of a diverse inmate population. The Health Services Unit will include: a waiting area, examination rooms, offices for health services professionals, offices for clinical services professionals, a programming group room, medical and clinical records storage, climate controlled secured medication and supply room, dental operatory, a multi-purpose therapy room, a telemedicine system, a radiology room, lab spaces, officer stations and other related spaces.

The goal of this project is to provide RCI with the resources necessary to provide ambulatory health care services for all inmates at RCI, utilizing a multi-disciplinary approach (physical and mental health wellness) in an environment that is safe for caregivers and inmates. This includes the relocation of Clinical Services staff from the Programs Building to the new HSU building.

The operation and function of the health services unit will be consistent with a clinical type facility utilizing professional and paraprofessional staff to deliver primary health care and to participate/coordinate any secondary (acute) and tertiary levels of care. Resources will be provided to better manage inmates who have been diagnosed with a mental illness.

The new HSU building will be built in the existing inmate garden area between the Jefferson Unit and Food Service.

### **Scope of Services**

The A/E will provide pre-design through construction administration services as indicated in the DFD “*Policy and Procedure Manual for Architects/Engineers and Consultants*”, the “*Guide for Developing Program Statements for Projects Requiring Enumeration*”, and the DFD “*Contract for Professional Service*” as directed by DFD at the Design Kickoff meeting. The services may be contracted for in multiple parts with project-specific review/ approval/ authorization points in the contract as determined by the needs of the project. Authorization for subsequent services will be issued in writing upon satisfactory performance and completion of contracted services and deliverables.

The design process is expected to include input from RCI correctional and operational staff, Department of Corrections Division of Adult Institutions Bureau of Health Services staff and management, and Department of Corrections Division of Management Services Bureau of Budget & Facilities Management staff. The A/E consultant team will be expected to submit project plans for code review and obtain Conditional Approval from Wisconsin Department of Safety & Professional Services, Industrial Services Division. Since the proposed site is within a secure correctional perimeter, the design is to include a specific plan for site security, construction contractor access, and material staging.

Refer to the DFD *Invitation for Consultant Services*, for minimum AE Qualification Requirements.

Note that per the DFD *Policy and Procedure Manual for Architects/Engineers and Consultants*, following services will not be included in the scope of services:

- Environmental Assessment and/or EIS will be contracted separately

**Project Schedule**

A/E Selection	August 2016
Design Report	September 2017
Bid Date	March 2019
Start Construction	May 2019
Substantial Completion	Oct 2020
Final Completion	Feb 2021

**Project Budget**

Construction	\$6,267,000
Contingency	\$ 564,000
Design	\$ 551,000
DFD Management	\$ 273,000
Movable Equipment	\$ 250,000
Other	\$ 17,000
Total Project Budget	\$7,922,000

**SPACE TABULATION**

<b><u>Space ID</u></b>	<b><u>Space Description</u></b>	<b><u>Number</u></b>	<b><u>ASF</u></b>	<b><u>Total</u></b>
	<b>Health Service Unit</b>			
1001	Inmate Reception Area	1	400	400
1002	Inmate Handicapped Tub/Shower	1	100	100
1003	Inmate Restroom	1	50	50
1004	Security Control Station	2	100	200
1005	Physician Office & Exam room	2	120	240
1006	Psychiatrist Office	2	120	240
1007	Nurse Practitioner Office & Exam Room	2	120	240
1008	HSU Manager Office	1	200	200
1009	HSU Assistant Manager Office	1	200	200
1010	Medical Program Assistant Associate	2	120	240
1011	Office Operations Associate	2	120	240
1012	File Review Room	1	80	80
1013	Nurses' Station (6-Workstations)	1	600	600
1014	Medical Record Storage Area	1	300	300
1015	Medical Records Room (2-Workstations)	1	400	400
1016	Medication Room (Pharmacy) (3-Workstations)	1	600	600
1017	Laboratory/Phlebotomy Station/Restroom	1	240	240
1018	Accu-Chek Room	1	240	240
1019	Medication Distribution Room (Plumbed)	1	200	200
1020	Examination Rooms	6	150	900
1021	Medical Observation/Vestibule w/ neg. pressure	1	120	120

1022	24-hr Nursing/Observation w/ neg. pressure	2	120	240
1023	Radiology Room	1	420	420
1024	Training Equipment Storage	1	100	100
1025	Minor Surgery/Trauma	1	220	220
1026	Triage	1	120	120
1027	Conference/Education Room (Adjoining Divider)	2	400	800
1028	Wheelchair Storage Room	1	250	250
1029	Medical Supply & Equipment Room	3	200	600
1030	Clean Utility Room	1	80	80
1031	Soiled Linen Room	1	100	100
1032	Female Staff Toilets/Shower/Locker	1	400	400
1033	Male Staff Toilets/Shower/Locker	1	400	400
1034	Staff Break Room	1	400	400
1035	Janitorial Closet	2	80	160
1036	Ophthalmology Assistant	1	120	120
1037	Ophthalmology Exam Room	1	170	170
1038	Telemedicine	1	120	120
1039	Multi-purpose Therapy Room	1	400	400
1040	Dental Records Storage Room	2	120	240
1041	Dental Operatory	5	180	900
1042	Dental Lab/Workroom	1	160	160
1043	Dental Sterilization	1	100	100
1044	Dental Supply/Storage	2	150	300
1045	Dentist Office (3-Workstations)	1	300	300
1046	Dental Hygienist/Dental Assistant Station	1	200	200
1047	Program Group Room	1	300	300
1048	Regional Dental Supervisor	1	120	120
1049	Vacuum Room	1	75	75
1050	Refuse Collection	1	80	80
1051	Weather Vestibule	1	70	70
	<b>Psychology Service Unit</b>			
1052	Chief Psychologist Office	1	120	120
1053	Psychologist Supervisor	1	120	120
1054	Clinical Services Office (Psychologist)	8	120	960
1055	Clinical OOA/Clinical Records	2	120	240
1056	Visiting Professional Office	1	120	120
1057	Program Group Room	4	300	1200
1058	Clinical Records Storage Room	1	200	200
<b>Total</b>				<b>16,935</b>

Total Project Net Square Footage	16,935 ASF
Building Efficiency: 60%	
Total Gross Area of Building =	27,943 ASF

### **General Requirements**

This project will be occurring inside a medium security correctional institution while the facility is at full operating capacity. The integrity of Institution operations must be accounted for at all times for safety and security reasons.

### **Special Considerations**

- Depending on building placement there may be a need to re-route existing utilities.
- Evaluate existing utility service capabilities in the areas of electrical, central heating hot water distribution, domestic water, stormwater and waste water to serve the proposed facility.
- Evaluate geothermal systems for space heating and cooling for the proposed facility,
- Perform building energy modeling and code comparison
- Evaluate emergency power requirements to determine if these can be met by available resources or require additional generation capacity.
- Installation of air conditioning to provide environmental control for sensitive medical equipment, medications, and staff efficiency.
- Contractor tool control.
- Restricted contractor access through the gate during count times and institution emergencies.
- Fire detection systems, HVAC controls, communications and security systems should integrate with existing facility systems for "seamless" building controls.
- A "call for help" system should be provided throughout facility.
- Construction fence around building site to be designed, installed, and maintained to remain intact upon project completion as an enhancement to Institution security.
- Design should include a distinct division between the functional areas of medical and clinical disciplines keeping in mind the efficient placement of shared areas.

### **WEPA Requirements**

In accordance with the Wisconsin Environmental Policy Act (WEPA) and Wisconsin Administrative Code DOC 335, this project will require a Type II Environmental Assessment that will be contracted separately.

### **Sustainability**

Meet the DFD *Sustainable Facilities Standards*.

### **Site Plan**

(See next page)

Construction Entrance  
Construction Gate & Fence

Outer Perimeter Road

Perimeter Security Fence

Inner Perimeter Road

Northwest Corner of  
Racine Correctional Inst.  
Inmate Garden Area

10' Water Main

Saniatary Sewer

Electric

Construction Fence  
& Gate

Proposed HSU Site  
Free of Utilies inside  
light blue box

Storm Sewer

Wisconsin Street

Kit.  
Dock  
Area

Aprox.  
130'

High Mast  
Light

5' Man  
Gate

Jefferson  
Unit

Main Kitchen

60 Feet

Gym

