



Torrance State Hospital Coal Fired Boilers Phase 1-hvac

Category: Government - Misc. Bldgs., Hospitals, Clinics Project ID #: 1001786238
Street Address: 121 Longview Dr Derry PA 15779 Confirmed Value: \$5,550,000.00
County: Westmoreland Stage: Pre-Design
Bid Date:
Architect:
Documents Available: Plans, Specs, Addenda available in Insight
Last Update: 7/11/2015 New status information: Architect Selection Underway Changed From: A/E Proposals Due, 07/09/2015; 05:00Pm

Notes

- Scope Hospital,Clinics,Government - Miscellaneous Building Hospital Update Existing Coal-Fired Boilers: The Scope Of Work Includes, But Is Not Limited To, Rehabilitation And Or Replacement Of The Existing Coal Boilers Which Are In A Severely Deteriorated Condition. Should New Boilers Be Necessary, The Project May Require Demolition Of The Existing Boilers In The Existing Boiler Plant Building Or The Construction Of New Steel Sided Auxiliary To Make Sufficient Square Footage Available To Sight New Package Boilers.
- Notes 1. Pre-Bid Conference 01/08/2015 10:00 AM 2. Pre-Bid Conference Location = TORRANCE STATE HOSPITAL, GREIZMAN BUILDING, THIRD FLOOR, CONFERENCE ROOM NO. 2, TORRANCE, WESTMORELAND COUNTY, PA 3. Owner Contact E-Mail: dhallett@pa.gov 4. Owner Contact Email: jliles@state.pa.us 5. Plan Deposit Checks Must Be Payable To Commonwealth of Pennsylvania
- Details [Division 2]: Building Demolition, Slope Protection & Erosion Control, Piles & Caissons, Paving & Surfacing, Water Systems, Fences & Gates. [Division 4]: Marble. [Division 5]: Structural Steel. [Division 7]: Skylights. [Division 10]: Protective Covers. [Division 14]: Elevators. [Division 15]: Mechanical Insulation, Plumbing Piping, Plumbing Fixtures, Steam & Steam Condensate Piping, Boilers, Cooling Towers. [Division 16]: Service/Distribution, Lightning Protection Systems.

Additional Details

Listed On: 3/7/2013 Floor Area:
Contract Type: Construction Management, Design/Build, General contract, Project Management Work Type: Alteration
Stage Comments 1: Architect Selection Underway Floors Below Grade:
Stage Comments 2: Owner Type: State/Provincial
Bid Date: Mandatory Pre Bid Conference:
Invitation #: Commence Date:
Structures: 1 Completion Date:
Single Trade Project: HVAC Contractor Site Area:
Floors: LEED Certification Intent: Unknown
Parent Project ID: Units:
Parking Spaces:

Project Participants

Company Role	Company Name	Contact Name	Address	Phone	Email	Fax
Owner	PA Department of General Services	Michael Kapil	1800 Herr St, 3rd Floor Arsenal Bldg , Harrisburg, PA 17103-1540	(717) 787-3923	mkapil@state.pa.us	(717) 772-3399

PROJECT NO. DGS 513-33 PHASE 1

UPGRADE EXISTING COAL-FIRED BOILERS TORRANCE STATE HOSPITAL DERRY TWP., WESTMORELAND COUNTY, PA

1. NATURE AND CONCEPT OF PROJECT

a. Nature of Project

A professional engineering firm will be retained for this project that is experienced in package boiler and ancillary boiler plant equipment appurtenances specification, design and construction. The responsibilities of the professional engineering firm for this project shall generally be the following:

- The project professional shall prepare site design plans and specify, permit, procure and install two (2) new 750 H.P. steam package boilers with high efficiency, low NOx, dual fuel (natural gas, #2 oil) capable burners inside the central boiler plant of Torrance State Hospital, Torrance, Pennsylvania.
- The project professional shall be responsible for the demolition and removal of existing, out-of-service coal fired Boilers No. 2 and Boiler No. 6 and/or adjoining office space inside of the central boiler plant to make sufficient floor space available for siting of the project's two (2) new 750 H.P. steam package boilers.
- The project professional shall be responsible for performing structural analysis of the concrete floor of the boiler plant with regard to the loading requirements for the installation of the project's two (2) new 750 H.P. steam package boilers.
- The project professional shall be responsible for designing and implementing any structural repairs and additional support to the concrete floor of the boiler plant that is required to install the project's two (2) new 750 H.P. steam package boilers after existing coal fired boilers Nos. 1, 6 are demolished and removed.
- The project professional shall be responsible for the demolition and removal of the existing common brick chimney stack at the central boiler plant after the project's two (2) new 750 H.P. steam package boilers are operational.
- The project professional shall design, specify, permit, procure and install a complete aboveground storage tank system located adjacent to the central boiler plant that consists of two (2) new 29,000 gallon capacity UL-142 approved horizontally mounted diesel fuel storage tanks with double-wall steel construction, saddle supports, supply and delivery piping, spill, overflow and leak detection that meets all current PA Department of Environmental Protection (DEP) regulatory requirements to provide an emergency backup heating oil supply for the project's dual fuel boilers.
- The project professional shall repair and rehabilitate the existing Deration Tank; design, specify, furnish, and install required auxiliary boiler support equipment to include new variable speed drive feed water pumps, individual boiler exhaust rooftop stacks, utility connections, electrical service, obtain regulatory agency permits, boiler inspections and start-up, boiler tuning, commissioning and emission testing to support full operational status of the installed package boiler systems which are to permanently replace existing coal fired boiler operations at the central plant.