

DATE: December 24, 2024

DEPARTMENT OF GENERAL SERVICES
BUREAU OF CAPITAL PROJECT DESIGN MANAGEMENT
1800 HERR STREET
HARRISBURG, PENNSYLVANIA

ADDENDUM NO. 4

on

PROJECT NO. DGS C-0503-0027 PHASE 001

PROJECT TITLE - Danville State Hospital - Replace Steam Generation Equipment

PROFESSIONAL:

CJL Engineering

232 Horner St

Johnstown, Pennsylvania, 15902

If you submitted a bid prior to this Addendum being issued, your bid has been discarded and you must re-submit your bid(s) prior to the bid opening date and time.

ADMINISTRATIVE CHANGES –.1 GENERAL CONSTRUCTION CONTRACT

Item 1 - Provides revised Specification Section 010300_Base Bid Descriptions that removes the demolition work to remove two sections of approx. 144 square feet of steel frame window for new overhead coiling door / frame assembly and one section of approx. 144 square feet of steel frame window for new man door / frame assembly. This portion of work is removed from the scope of the project.

SPECIFICATION CHANGES – .1 GENERAL CONSTRUCTION CONTRACT

Item 1 - Specification Section 010300_Base Bid Descriptions

DRAWING CHANGES – ALL CONTRACTS

Item 1 - n/a

SECTION 01 0300 - BASE BID DESCRIPTIONS

PART 1 – GENERAL

1.1 STIPULATIONS

- A. The specifications sections “General Conditions of the Construction Contract”, “Special Conditions”, and “Division 1 - General Requirements” form a part of this Section by this reference thereto, and shall have the same force and effect as if printed herewith in full.

1.2 SECTION INCLUDES

- A. This Section includes identification of each Base Bid and description of the changes to be associated with each Base Bid.

1.3 DESCRIPTION OF SEPARATE BASE BIDS

A. GENERAL CONSTRUCTION CONTRACT (DGS C-0503-0027 PHASE 1.1)

- 1. Base Bid No. 1:
 - a. Furnish and install two new roll up doors for access and clearance of new boilers B-2 and B-3.
 - b. Furnish and install one new man door for egress.
 - c. Concrete and structural repair to the bays where the new boilers B-2 and B-3 will be located.
 - d. Infill bituminous paving between the garage doors and match to the slope of the concrete pads.
 - e. Install bituminous paving to 5 feet outside of concreted pads. Match to existing grade. See drawing C001 for site plan and detail.
- 2. Base Bid No. 2:
 - a. Same as Base Bid No. 1
- 3. Base Bid No. 3:
 - a. Same as Base Bid No. 2
- 4. Base Bid No. 4:
 - a. Same as Base Bid No. 3
- 5. Base Bid No. 5:
 - a. Same as Base Bid No. 4

B. HVAC CONSTRUCTION CONTRACT (DGS C-0503-0027 PHASE 1.2)

- 1. Base Bid No. 1:
 - a. Furnish and install new boilers B-2, B-3, and B-6 with associated piping, breeching, equipment, wiring, etc.
 - b. Furnish and install new combination deaerator and surge tank DA-2 with associated piping, pumps, wiring, etc. Existing DA tank will remain for backup.
 - c. Demolition of existing undersized flash tank. Furnish and install new appropriately sized flash tank with associated piping.
 - d. Furnish and install new steam meter on steam main in tunnel.

- e. Demolition of existing boiler control panels. Furnish and install new boiler control panels.
 - f. Furnish and install new fuel oil piping for new boilers B-2, B-3 and B-6.
 - g. Furnish and install new steam flow meter, gas flow meter, oil flow meter and makeup water flow meter for each new boiler B-2, B-3 and B-6.
 - h. Furnish and install new steam flow meter and pressure transmitter in main steam line located in the tunnel.
2. Base Bid No. 2:
 - a. Same as Base Bid No. 1
 3. Base Bid No. 3:
 - a. Same as Base Bid No. 2, except add:
 - b. Furnish and install secondary HPS line from steam header to connection point in basement. A shutoff valve shall be furnished and installed on the secondary steam line.
 - c. Furnish and install emergency port connections from the steam system, gas, and oil piping to termination point shown on drawings for the emergency boiler.
 4. Base Bid No. 4:
 - a. Same as Base Bid No. 3, except add:
 - b. Furnish and install new steam blowdown separator and associated piping.
 - c. Furnish and install new VDFs for sewer pumps in basement.
 - d. Furnish and install new VDFs for existing boiler feed pumps.
 5. Base Bid No. 5:
 - a. Same as Base Bid No. 4, except add:
 - b. Furnish and install new dual fuel burner on existing boiler B-4 for gas and oil fired operation.
 - c. Demolish and remove existing fuel oil pump assembly.
 - d. Furnish and install new fuel oil pump assembly.
- C. ELECTRICAL CONSTRUCTION CONTRACT (DGS C-0503-0027 PHASE 1.4)
1. Base Bid No. 1:
 - a. Furnish and install power to new boilers B-2, B-3, and B-6 with associated wiring and conduit.
 - b. Demolition of existing boiler control panels. Furnish and install power to new boiler control panels.
 - c. Furnish and install power to new rollup garage doors to serve new boilers B-2 and B-3.
 - d. Furnish and install an uninterruptible power supply (UPS) to back up the master control panel, boiler control panel, network computer system.
 - e. Demolition of existing motor control center (MCC) and extension of existing circuits to new panelboard and/or existing MCC that is to remain.
 2. Base Bid No. 2:
 - a. Same as Base Bid No. 1, except add:
 - b. Demolition of existing substation switchboard. Furnish and install new substation switchboard, including extension of existing circuits previously fed from existing substation switchboard.
 - c. Demolition of existing substation transformer. Furnish and install new liquid filled substation transformer.

3. Base Bid No. 3:
 - a. Same as Base Bid No. 2, except add:
 - b. Furnish and install emergency port (fused disconnect switch) for temporary boiler.

4. Base Bid No. 4:
 - a. Same as Base Bid No. 3, except add:
 - b. Demolition of power to existing fuel pump assembly. Furnish and install power to new fuel pump assembly.
 - c. Demolition of existing fire alarm system. Furnish and install new fire alarm system.
 - d. Wiring and connections of new VFD's.

5. Base Bid No. 5:
 - a. Same as Base Bid No. 4

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

END OF SECTION 01 0300