

SECTION 010100
SUMMARY OF WORK

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 LOCATION

- A. Elizabethtown Training Academy, Elizabethtown, PA

1.3 PROJECT DESCRIPTION

- A. Renovate Boiler Plant and Site Fire Protection System

1.4 CONTRACT DURATION

- A. The Construction Contract duration shall be 240 calendar days commencing on the date of the Initial Job Conference.

1.5 WORK INCLUDED

- A. The Work of this Project consists of, but is not necessarily limited to, the following. Detailed requirements of the Work are described in the pertinent specification Sections and/or shown on the Drawings.
- B. General Construction (.1) Contract:
 - 1. Demolition of Coal Silo, Exhaust Stack, Ash Silo and mezzanine .
 - 2. Repair building openings after demolition work.
 - 3. Create floor openings and install grating.
 - 4. Provide miscellaneous concrete equipment pads.
 - 5. Provide handrails.
 - 6. Replace three (3) doors.
 - 7. Create door opening and provide new door.
 - 8. Re-point brick facing on building
 - 9. Provide concrete pad for existing outdoor electrical switchgear.
 - 10. Remove site trees per plans (150 each)
- C. HVAC Construction (.2) Contract:
 - 1. Provide 300HP dual fuel boiler and relocate a 350HP dual fuel trailer mounted boiler.
 - 2. Replace blowdown tank, condensate storage tank, feedwater pumps and all appurtenances.
 - 3. Replace fresh air supply fans.
 - 4. Provide split system HVAC unit.
 - 5. Extend fuel oil and gas piping to new boiler locations.
 - 6. Provide scada node, programming and wiring to site TraneTracer DDC control system.
 - 7. Provide Site Steam and Condensate Piping
 - 8. Remove Coal Boilers and appurtenances and miscellaneous Steam and Condensate Piping

D. Plumbing Construction (.3) Contract:

1. Remove seven (7) fire hydrants and sections of lines below grade to main lines and cap piping.
2. Remove two (2) fire hydrants and curb stop and replace with new.
3. Provide three (3) new fire hydrants, curb stops and line extensions from existing lines.

E. Electrical Construction (.4) Contract:

1. Remove electrical panels, lighting, receptacles and power to all building equipment.
2. Provide service wiring, new power panels, lighting, receptacles and power wiring to all plant equipment.
3. Relocate and add new Fire Alarm devices.

1.6 SPECIFICATION FORMAT

- A. The Specifications for the work of the separate prime Contracts are bound in one volume. Technical provisions which apply to each prime Contract are included in the Divisions listed below:
- B. General Construction (.1) Contract: Divisions 01, through 9.
- C. HVAC Construction (.2) Contract: Divisions 01, 22, 23, 31, 32, 33 and applicable Sections of Divisions 02 through 9.
- D. Plumbing Construction (.3) Contract: Divisions 01, 02, 03, 21, and applicable Sections of Divisions 31 through 33.
- E. Electrical Construction (.4) Contract: Divisions 01, 26 and applicable Sections of 02, through 9.

Note: The term Professional refers to the Architectural or Engineering firm retained by the Department to design and document the work of the Project, or the Professional's authorized representative. The term Professional may also refer to the Client Agency if the Project design was delegated to the Client Agency. Throughout the Specifications and Drawings wherever the terms 'A/E', 'Architect' or 'Engineer' are used it shall mean Professional.

1.7 WORK BY OTHERS

- A. Asbestos abatement and all roofing repairs will be coordinated with and completed by the Client Agency.

1.8 QUESTIONS DURING BIDDING PERIOD

- A. Direct all questions pertaining to the Project to the Project Professional utilizing the e-Builder Enterprise Software Program (e-Builder) as described in the Instructions To Bidders.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

END OF SECTION