

ADDENDUM NO. 2

VA ROSEBURG HEALTHCARE SYSTEM SEISMICALLY UPGRADE BUILDING 7

May 26, 2015

The contents of this addendum are to be covered in the bids and in closing the Contract will become a part thereof. Changes noted herein affect only the specific words in paragraphs mentioned and the balance of the Drawings and/or Specifications remains in full force.

CLARIFICATIONS:

Item 1-Phasing: A revised phasing plan G001 is part of this addendum. The phasing sequence did not change. More information is added to assist the contractor in determining the steps needed to complete the project. Revised parts of specification Section 01 00 00 GENERAL REQUIREMENTS are also included in this addendum. It reiterates what is on the phasing plan. Per paragraph 1.6 G. "Contractor shall furnish the Resident Engineer with an overall project schedule showing dates on which the Contractor intends to accomplish work and the phasing of the work. Schedule shall include mobilization, material stockpiling, asbestos abatement, demolition, new construction. The schedule and phasing plan shall be submitted and approved prior to the start of any field work."

Items 2-Lead Paint Study: A recent survey of lead paint is included as part of this addendum.

SPECIFICATIONS:

Item -3 Section 00 01 10 TABLE OF CONTENTS

The revised Section 00 01 10 is attached to this addendum and revises the Table of Contents

Item- 4 Section: 01 00 00 GENERAL REQUIREMENTS:

Paragraph 1.6 G

DELETE and REPLACE with the following:

"G. Phasing: To insure such executions, Contractor shall furnish the Resident Engineer with an overall project schedule showing dates on which the Contractor intends to accomplish work and the phasing of the work. Schedule shall include mobilization, material stockpiling, asbestos abatement, demolition, new construction. The schedule and phasing plan shall be submitted and approved prior to the start of any field work.

1. Phasing information is indicated in this section as an aid to the contractor. Refer to the drawings and other specification sections for more phasing information.
2. Provide temporary boilers as indicated.
3. The Project is to be done in multiple Phases.
 - a. Phase ONE: Electrical site work

- 1) General
 - a) site mobilization
 - 2) Electrical
 - a) Install new 20.8 kv feeder, sectionalizing switch & transformer.
 - b) Provide temporary feed to energize existing building 7 switch gear.
 - c) Provide new feeder from building 9 to building T6, T7, & T8.
 - d) Relocate power to street lighting.
- b. Phase TWO: Exterior Work Boiler Building, Generator Addition and Site Work; Mechanical Header inside Building Seven
- 1) Architectural & Structural
 - a) Site asbestos abatement in conjunction with site work
 - b) Equipment loading area
 - c) Exterior envelope and roof
 - d) Seismic
 - e) Generator addition
 - f) New windows
 - g) Passage and overhead doors
 - h) Water storage tank
 - i) Fuel storage tank enclosure
 - 2) Mechanical
 - a) Remove existing underground steam and condensate piping. Install new HPS, HPR, & VR piping to building 11 & 13.
 - b) Install fuel oil valve box.
 - c) Remove existing generator fuel oil storage tank and associated piping equipment.
 - d) Provide below grade piping to water storage tank.
 - e) Install below grade ductwork from generator room to control room.
 - f) Reroute LPS & LPR piping from buildings T6, T7, & T8 to equipment room 103.
 - g) Install generator fuel oil storage tank, piping and appurtenances.
 - h) Relocate plant natural gas service and provide emergency gas connection and piping to temporary boilers.
 - i) Install HPS header and MPS pressure reducing station.
 - j) Connect laundry HPR & VR to existing campus return piping.
 - k) Install HPS piping to laundry.
 - l) Install temporary boilers and control room. Connect HPS, HRR, and fuel emergency connectors.
 - m) Install HPS, HPC, and VR piping to laundry.
 - n) Install HPS header and MPS pressure reducing station. Connect to existing MPS piping.
 - o) Install emergency HPS, HPR piping.
 - p) Temporarily relocate all monitoring systems to the temporary control room including but not limited to fire and med gas.
 - q) VA moves into the temporary control room (trailer).
 - 3) Plumbing
 - a) Provide stormwater piping & specialties.
 - b) Reconnect existing stormwater piping to Building 11.
 - c) Provide new fire riser, stormwater, & domestic water piping.
 - d) Provide stormwater piping & fire service.
 - e) Provide rainwater harvesting piping & equipment, potable cold water service, and temporary boiler make-up water vault & connection. Connect new stormwater leaders to existing stormwater piping.
 - f) Provide rainwater harvesting piping.
 - g) Temporarily relocate existing sanitary waste line. Provide new sanitary waste piping from building 7 to sanitary waste manhole at end of Phase 2.

- 4) Electrical
 - a) Provide temporary generator.
 - b) Install Building 7 main distributor gear in Room 107.
 - c) Connect temporary trailers and boilers.
 - d) Install new generator and switch gear in Room 204.
- c. Phase THREE: Interiors - Boiler Building and Generator Addition. The entire building is available.
 - 1) Architectural
 - a) Interior asbestos abatement
 - b) Interior demolition
 - c) All interior work
 - d) New concrete floors
 - e) Mechanical mezzanine platforms
 - 2) Structural
 - a) All remaining work shown on structural drawings
 - 3) Plumbing
 - a) Demo existing below slab sanitary waste and vent piping, specialties, & equipment. Complete plumbing renovation.
 - b) Demo existing plumbing piping, specialties, and equipment. Complete plumbing renovation.
 - c) Demo existing mezzanine plumbing. Provide domestic hot water.
 - 4) Electrical
 - a) Remove (e) abandoned electrical equipment and wirings.
 - b) Install remaining plant electrical systems.
- d. Phase FOUR Demobilization:
 - 1) Mechanical
 - a) Remove temporary boilers.
4. Facility shall remain functional at all times.
5. Maintain all hospital wide systems to the boiler building or the temporary control room throughout the project.
6. Phasing diagrams are to aid the contractor and do not represent division of work.
7. General contractor shall develop detailed phasing schedule in concert with construction schedule.
8. Phasing schedule shall be reviewed with VA contracting officer and approved prior to the start of work.
9. Temporary boilers are to remain operational until the VA accepts the new boilers and they are fully operational.
10. Roof deck modification and new roof installation to be phased as required
11. At all times the Boiler Building is to be watertight.”

Item- 5 Section: 01 45 29 TESTING LABORATORY SERVICES

3.1 Earthwork, Paragraph B.

DELETE and REPLACE with the following:

“B. Testing Compaction:

1. Determine maximum density and optimum moisture content for each type of fill, backfill and subgrade material used in compliance with AASHTO T99, Method A; ASTM D698.
2. Make field density tests in accordance with the primary testing method following AASHTO T191; ASTM D1556, shall be utilized on a case by case basis only if there are problems with the validity of the results from the primary method due to specific site field conditions. Should the testing laboratory propose these alternative methods, they should provide satisfactory explanation to the Resident Engineer before the tests are conducted.
 - a. Building Slab Subgrade: At least one test of subgrade for every 1,000 ft² (185 m²) of building slab, but in no case fewer than three tests. In each compacted fill layer, perform one test for every 2,000 ft² (185 m²) of overlaying building slab, but in no case fewer than three tests.
 - b. Foundation Wall Backfill: One test per 50 ft (30 m) of each layer of compacted fill but in no case fewer than two tests.
 - c. Pavement Subgrade: One test for each 3,600 ft² (335 m²), but in no case fewer than two tests.
 - d. Curb, Gutter, and Sidewalk: One test for each 100 ft (90 m), but in no case fewer than two tests.
 - e. Trenches: One test at maximum 50 ft (30 m) intervals per 1 ft (1,200 mm) of vertical lift and at changes in required density, but in no case fewer than two tests.
 - f. Footing Subgrade: At least one test for each layer of soil on which footings will be placed. In each compacted fill layer below wall footings, perform one field density test for every 50 ft (30 m) of wall. Verify subgrade is level, all loose or disturbed soils have been removed, and correlate actual soil conditions observed with those indicated by test borings.

Item- 6 Section: 01 91 00 GENERAL COMMISSIONING REQUIREMENTS

Paragraph 1.1 COMMISSIONING DESCRIPTION:

ADD the following paragraph 1.1 A.:

“ A. All commissioning shall be performed by an independent third party commissioning agent paid for by the contractor. “

Paragraph 1.6 Definitions, DELETE the definition of Commissioning Agent (CxA) and REPLACE with the following:

“Commissioning Agent (CxA): The independent third party qualified Commissioning Professional who administers the Cx process by managing the Cx team and overseeing the Commissioning Process. Where CxA is used in this specification it means the Commissioning Agent, members of his staff or appointed members of the commissioning team. Note that LEED uses the term Commissioning Authority in lieu of Commissioning Agent.”

Paragraph 1.8 Commissioning Team. Paragraphs B. and C.

REPLACE with the following.

“B. Members Appointed by Contractor:

1. Contractor’ Commissioning Manager: The designated person, company, or entity that plans, schedules and coordinates the commissioning activities for the construction team.
2. Commissioning Agent: The designated person, company, or entity that plans, schedules, and coordinates the commissioning team to implement the commissioning process.
3. Contractor’s Commissioning Representative(s): Individual(s), each having authority to act on behalf of the entity he or she represents, explicitly organized to implement the commissioning process through coordinated actions.

C. Members Appointed by VA:

1. User: Representatives of the facility user and operation and maintenance personnel.
2. A/E: Representative of the Architect and engineering design professionals..’

Paragraph 1.9 VA COMMISSIONING RESPONSIBILITY.

DELETE paragraphs A., B. and C. and REPLACE with the following:

“A. Assign operation and maintenance personnel and schedule them to participate in commissioning team activities including, but not limited to, the following:

1. Coordination meetings.
2. Training in operation and maintenance of systems, subsystems, and equipment.
3. Testing meetings.
4. Demonstration of operation of systems, subsystems, and equipment.”

Item- 7 Section: 10 14 00 SIGNAGE:

ADD this Section (attached) to the Contract Documents

Item -8 Section 23 21 11 – BOILER PLANT PIPING SYSTEMS

Paragraph 2.28 G ADD the following:

“Non-thread lock pipe dope is acceptable.”

Item- 9 Section: 23 72 00 AIR-TO-AIR ENERGY RECOVERY EQUIPMENT

Paragraph 2.1 K: CLARIFICATION

Provide filter media complying with requirements specified under section 23 40 00. Reference to Section 23 40 00 does not apply to filter housings or accessories specified under Section 23 40 00.

Item – 10 Section 33 16 13 CORRUGATED GALVANIZED STEEL TANKS

Paragraph 1.2 A. 2. REPLACE with the following:

“2. Tank nominal capacity shall be 23, 500 gallons”

Paragraph 2.1 A. REPLACE with the following:

“A. Acceptable Manufacturers/Suppliers: BH Tank, Pioneer Tank, Rainmaster, Corgal and American Tank.”

Paragraph 2.3 REPLACE with the following:

“2.3 SIZE

A. Capacity: 23,500 gal.

B. Diameter: 15 ft 0 in.

C. Height at Eave: 18 ft 4 in.”

DRAWINGS:

Item-11 Sheet M-002 Equipment Schedules- Plumbing and HVAC

Storm Water Storage Tank Schedule

SWT-1

DELETE Remarks and add the following note:

“See Specification Section 33 16 13”

Unit Heater Schedule

REMOVE Unit heater schedule in its entirety

Item-12 Sheet M-601

ADD Key Note 3: (Note references the existing deaerator DA-1 vent isolation valve.)

“3. Remove existing deaerator vent isolation valve and replace with a new full size gate valve. Drill ¼” hole in valve disk to continuously vent non-condensable gases for the deaerator when the valve is in the closed position.”

ADD Sheet Note 2:

“2. Add sheet note referenced to Unit Heater UH-2. Do NOT provide drip leg for UH-2. Install piping connection as shown and as detailed in 7/M-521.”

Item-13 Sheet M-606 RAINWATER HARVESTING, POTABLE & NON-POTABLE WATER PIPING AND INSTRUMENTATION DIAGRAM

ADD Sheet Note 2:

“2. All temperature sensors shall be connection to boiler plant control system.”

Item-14 Sheet G-001 Phasing Plan

REPLACE this revised Sheet (attached) to the Contract Documents

Item-15 Sheet G-002 Signage Plan and Details

ADD this Sheet (attached) to the Contract Documents

Item-16 SKA-01

ADD 8 1/2 x 11 Sheet SKA-01 (attached) to the Contract Documents. It pertains to interior room signage

QUESTIONS:

The attached List of Questions and Answers is part of this addendum.

ATTACHMENTS:

The attached list of Revised Drawings are part of this addendum:

DRAWING G001 Revised 5-15-15 Phasing Plan
DRAWING G002 New Sheet 5-15-15 Signage Plan and Details
DRAWING SKA-01 Interior Room Signage

The attached list of Specification Sections are part of this addendum

Section 00 01 10	TABLE OF CONTENTS
Section 10 14 00	SIGNAGE
Section 07 08 00	FACILITY EXTERIOR CLOSURE COMMISSIONING
Section 27 15 00	COMMUNICATIONS HORIZONTAL CABLING

Lead Paint Study

List Of Questions And Answers

END OF ADDENDUM NO.2