

The following constitutes Addendum No. 1 of the Bid Set Documents for project 582A8-12-852, Add Combined Heat and Power for Albany. The Drawings, Specifications, and related documents have been amended herein. Each Offeror shall acknowledge receipt of this addendum.

Pricing amounts appearing on the Forms of the proposal shall reflect the provisions of this and other addenda.

Addendum No. 1 consists of modifications and / or supplements to the Bid Set Documents including the following:

1. Drawing C-101 SITE LAYOUT PLAN

a. SITE LAYOUT NOTES:

i. ADD:

NOTE 7      VERIFY ALL UNDERGROUND UTILITIES INCLUDING LOCATION OF GAS AND WATER PIPES AND MODIFY FENCE AND ABSORBING SYSTEM POST LOCATIONS TO MISS ALL UNDERGROUND UTILITY SERVICES. "CONTRACTOR TO PERFORM TEST PITS (TP) TO DETERMINE LOCATION, SIZE AND DEPTH OF EXISTING UNDERGROUND SERVICES. CONTRACTOR SHALL NOTIFY ENGINEER OF EXISTING CONFLICTS WITH PROPOSED WORK."

2. Drawing A-101 ARCHITECTURAL SITE PLAN ELEVATIONS

a. FLOOR PLAN

i. ADD:

NOTE 1      VERIFY ALL UNDERGROUND UTILITIES INCLUDING LOCATION OF GAS AND WATER PIPES AND MODIFY FENCE AND SOUND ABSORBING SYSTEM POST LOCATIONS TO MISS ALL UNDERGROUND UTILITY SERVICES. "CONTRACTOR TO PERFORM TEST PITS (TP) TO DETERMINE LOCATION, SIZE AND DEPTH OF EXISTING UNDERGROUND SERVICES. CONTRACTOR SHALL NOTIFY ENGINEER OF EXISTING CONFLICTS WITH PROPOSED WORK." REFERENCE DRAWING C-101 WHICH INDICATES APPROXIMATE LOCATION OF GAS AND WATER LINES.

3. Drawing M-101 MECHANICAL PIPING LAYOUT

a. AT NEW 2" NG SUPPLY PIPE BETWEEN EXISTING 8" NG PIPE AND GE-1. ADD THE FOLLOWING NOTE.

- i. PROVIDE F-1 WITH RELATED VALVES. REFER TO DRAWING M-401 LOCATION F7, 2" BRANCH LINE FROM 8" NG MAIN TO EQUIPMENT GE-01.

4. Drawing M-501 MECHANICAL DETAILS, SCHEDULES, AND CONTROL NOTES

- a. ADD SKETCH SKM-01 DUMP RADIATOR PIPING DETAIL. REFER TO SKETCH SKM-01 ATTACHED TO THIS ADDENDUM NO. 1.
- b. REVISE RECIPROCATING GAS ENGINE SCHEDULE AS FOLLOWS:
  - i. CHANGE ELECTRICAL EFFICIENCY (LHV) TO READ: 40.1%
  - ii. CHANGE HEAT OUTPUT (BTU/MIN) TO READ: 67,978
  - iii. CHANGE THERMAL EFFICIENCY (LHV) TO READ: 47.6%
  - iv. CHANGE FUEL INPUT (LHV) TO READ: 142,663 BTU/MIN
  - v. CHANGE TOTAL EFFICIENCY (LHV) TO READ: 87.7%
  - vi. CHANGE NATURAL GAS INPUT (MBH) TO READ: 143
  - vii. CHANGE NATURAL GAS MIN PRESSURE (PSIG) TO READ: 2.47
  - viii. CHANGE BASIS OF DESIGN TO READ: ENER-G RUDEX ER1000F

5. Drawing E-001 ELECTRICAL LEGEND, ABBREVIATIONS AND DETAILS

a. GENERAL NOTES

- i. REPLACE NOTE 1 IN ITS ENTIRETY WITH:

REFER TO CIVIL, STRUCTURAL, ARCHITECTURAL, AND MECHANICAL SYSTEMS DRAWINGS FOR SYMBOLS ASSOCIATED WITH WORK, EQUIPMENT ETC. BY OTHERS (S)

- ii. REPLACE NOTE 3 IN ITS ENTIRETY WITH:

COORDINATE WORK WITH ALL TRADES. MECHANICAL EQUIPMENT INDICATED ON 'M', DRAWINGS WILL BE FURNISHED BY DIVISION 23, AND WIRED COMPLETE BY DIVISION 26, AND 27 UNLESS OTHERWISE NOTED. REFER TO MECHANICAL SCHEDULES.

6. Drawing E-101 ELECTRICAL POWER PLAN

a. CODED NOTES:

- i. ADD THE FOLLOWING TO NOTE 7: PROVIDE CONCRETE ENCASED CONDUIT PER DRAWING E-001, DETAIL 3.
- ii. ADD THE FOLLOWING TO NOTE 11: INSTALL CONDUIT PER DRAWING E-001, DETAIL 1.
- iii. ADD THE FOLLOWING TO NOTE 12: INSTALL CONDUIT PER DRAWING E-001, DETAIL 1.

- iv. ADD THE FOLLOWING TO NOTE 13: PROVIDE CONCRETE ENCASED CONDUIT PER DRAWING E-001, DETAIL 3.
    - v. ADD THE FOLLOWING TO NOTE 22: INSTALL CONDUIT PER DRAWING E-001, DETAIL 1.
- 7. Drawing E1-602 ELECTRICAL – ONE LINE EDIAGRAM 480VAC SWITCHGEAR BOP & PARASITIC PANEL
  - a. CONTINUATION REFERENCE “E” LOCATION B6
    - i. MAIN SWITCHGEAR CONTINUED: CHANGE DRAWING REFENCE TO “(DWG E1-603)”
- 8. Specification SECTION 27 05 11 REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS
  - a. ADD SECTION 27 05 11 – REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS ATTACHED TO THIS ADDENDUM NO. 1. THIS SPECIFICATION ALSO INCLUDES THE INSTALLATION OF THE PROTECTION RELAYS AND COMMUNICATIONS.