

City of Georgetown
Peak Shaving Project #1902
Generation Plant Construction Bid #2017-002-30
Addendum 1 - March 10, 2017

Addendum 1 includes the following revisions and clarifications of the project drawings and/or specifications:

Revisions:

1. Drawing E16 ó Conduit and Cable Schedule
Remark for Conduit P7A should be changed from 12.47 kV Station Service Alternate Source to 480Y/277 V Station Service Alternate Source.
2. Drawing S3 ó Structural Details
Wind velocity V in General Note 7 should be revised from 120 MPH to 134 MPH with 3 Second Gusts.
3. Drawing C1 ó Site Plan
No. 57 crushed granite should be noted as an acceptable alternative to the crushed limestone described in General Site Note 3.
4. Specification Section 6.20 ó Bond
The required performance bond amount should be changed from 100% of the Contract amount to 110% of the Contract amount.
5. Specification Section 6.9 ó Schedule of Work
Add the following sentences: "Within 30 days after award of Contract, Contractor shall provide to the Engineer proposed critical path construction schedules for completing the Work at the site. Schedules shall provide for proper sequence of construction and include all subcontracts. Updated schedules are to be provided to the Engineer with monthly invoices."
6. Specification Section 8.38.18 Piping Applications
The first two paragraphs should be revised to read as follows:

"Aboveground piping, smaller than 1-1/2 inches: Use steel pipe, cast-iron and malleable-iron fittings, and threaded joints."

"Aboveground piping, sizes 1-1/2 inches and larger: Use steel pipe, steel fittings, and flanged joints."

Clarifications:

1. Telephone Service
Reference Drawing E15 Sh.1 - Conduit Plan and E16 - Conduit and Cable Schedule
Conduits C57 and C58 are provided for telephone communications.
2. Building Design Loads
Reference Drawing S3 – Structural Details
The 46 PSF design load estimate is adequate for the general loads, including the high pressure CO2 fire suppression system.

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Reference Drawing A3 – Sections and Roof Plan

Point loads are provided for the exhaust system components with beam sizes provided for these loads only. The exhaust system loads are in addition to the 46 PSF general load noted on S3. Also, a collateral load of 26 PSF is needed in addition to the roof and silencer support framing plan.

3. Roof and Wall Panel Finish

Reference Section 8.30.14

Regarding MBCI manufactured coatings; Signature 300 coatings should be used instead of Signature 200. Other manufacturers' coatings will be approved provided the specifications are met.

4. Site Wind Exposure and Occupancy

Reference Specification Section 8.30.4

Based on ASCE-7 the site's wind exposure should be classified as exposure C.

Based on S.C. State Building Code the building occupancy should be classified as "Essential" (Cat. IV).

5. Rust Preventative Coatings

Standard rust preventative coatings from approved manufacturers of building components will be accepted.

6. Weed and Insect Killers

Reference Drawing C1 – Site Plan General Site Note 3

Weed eradicators and soil fumigants should be non-specialized products and should be readily available. The following are examples only of accepted herbicides and insecticides that are environmentally-safe:

- Avenger Organic Weed Killer
- Onslaught Insecticide