



**ADDENDUM NO. 5
TO THE
CONTRACT DOCUMENTS**

FOR

**HILLCREST AND DONLON
BOOSTER PUMPING STATION IMPROVEMENTS
ANTIOCH, CALIFORNIA
P.W. 477- BP2**

**ISSUED
October 8, 2020**

This Addendum No. 5 must be signed by the bidder and attached to the CONTRACT PROPOSAL PACKAGE for consideration by the City. The City reserves the right to disregard any proposal which does not include this Addendum. The City may waive this requirement at its sole discretion.

SEE ATTACHED ADDENDUM ITEMS

Approved By: _____

Scott Buenting, P.E.



BIDDER'S CERTIFICATION

I acknowledge receipt of this Addendum No. 5 and accept all conditions contained herein.

Bidder: _____

By: _____

ADDENDUM NO. 5

Hillcrest and Donlon Booster Pumping Station Improvements P.W. 477-BP2

Issued October 8, 2020

- 1) For the standby generators defined in Sections 26 32 13.13 and 26 32 13.14, the vendor shall provide fuel transfer pumps as required for the supplied equipment. If the fuel pump(s) require electric power, install a new, dedicated breaker in the pump station 120/240-volt lighting panel as the pump's power source.
- 2) On Drawing E-02-101, delete Key Note 5 and replace it with the following:

To mount the soft start for Pump 2, use existing bracket to mount NEMA 12 enclosure. Contractor to size the soft start starter enclosure for open type Eaton Model S801/S811 (no equal) with minimum depth of the cabinet not less than 16 inches, no exception. Modify conduit and wiring as needed to accommodate the wall-mounted soft starter.
- 3) On Drawing E-02-601, delete Key Note 1 and replace it with the following:

Install Reduced Voltage Soft Starter to the BPS north interior wall per Item 2) above. Modify Single Line Drawing accordingly and modify and reuse Section 2, Cubicle 1 to install required electrical components and parts, including all control relays, NEMA 4 starter, Motor Circuit Protector and devices as shown on the schematics drawing, separate from the RVSS. Use existing conduit stub-outs at Section 2 bottom.
- 4) Delete Drawing E-02-602 and replace it with the attached revised drawing.
- 5) Reduced Voltage Soft Starter shall be Eaton S801/S811.
- 6) See attached Appendix A for photographs showing locations for new equipment and existing conduit stub-ups.
- 7) Specification section 26 29 13.16 – paragraph 2.01-B. Delete. Replace with:

B. EATON. No equal.
- 8) Specification section 26 29 13.16 – paragraph 2.03-A. Amend with the following:

2. Where applicable, enclosures shall be wall mount or free standing, front access only, as indicated on the Drawings.
- 9) Specification section 26 29 13.16 – paragraph 2.03-C-2 delete. Replace with the following:

2. Provide NEMA 1 enclosures for MCC mounting, NEMA 12 for indoor areas.

10) Specification section 26 29 13.16 – paragraph 2.03-C. Amend with the following:

3. Where uniform compliance to a seismic standard is necessary, conform to the version adopted by the Authority Having Jurisdiction.

Seismic Bracing:

a. RVSS cabinets shall conform to the seismic anchorage and bracing requirements of Section 01 73 24.

ADDENDUM No. 5 ATTACHMENTS

A. Revised Drawing E-02-602 Donlon BPS Control Schematics

B. APPENDIX A: Photographs with Information for Pump 2 Installation at Donlon BPS

New Pump for #2 for Donlon Pump Station

Starter Bucket:

Utilize this existing empty Bucket that was allocated for Pump #2 via the original Pump Station design.



Conduits at the MCC

Utilize these existing conduits located at the bottom of the MCC below the above noted Pump #2 Bucket that was allocated for Pump #2 via the original Pump Station design. Larger conduit (Left) is for power to the RVSS located on the opposite wall and the smaller conduit (Right) is for the wiring for the HOA and other control devices.



Small HOA Panel

Small HOA panel for the Local operation of the new Pump to match the existing panels for Pumps 1, 3 and 4. The door mounted HOA and Emergency Stop switches are shown below.



RVSS (Soft Starter)

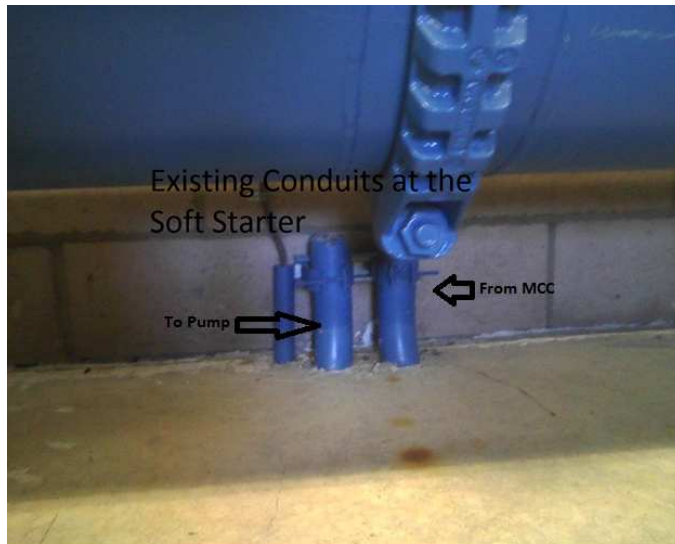
The preferred Soft Starter shall be a Solcon RVS-DX. An alternative to this unit is an Eaton S801/S811. The Soft Starter needs to be housed in a NEMA 12 enclosure and the enclosure will be mounted at the location shown below.



Conduits

All required conduits runs for the routing of power and control wiring to the Pump Motor and the Small HOA station are existing and are shown on the below two photographs. Note, the only conduit that needs to be added will be from the stub-outs of the existing conduit runs to the devices.

At RVSS (Soft Starter)



At Pump Pad

