



February 23, 2022

ADDENDUM NO. 3

Request for Proposal

**Long Lead Treatment Equipment for Perris North Basin Groundwater
Contamination Prevention and Remediation Program**

This addendum to the RFP and specifications is for the purpose of adding, clarifying, or deleting certain information to the construction drawings and project specifications as follows:

EMWD CLARIFICATIONS

EMWD would like to provide the following clarifications regarding the design parameters required for the GAC pressure vessels in specification section 11200:

1. Basis of design is 40,000 lbs of GAC, which is 11,083 gal at 27 lbs/ft³.
2. ASME code calculations shall use 150 psi.

EMWD DETAILED PROVISIONS

Revise Section 11364 1.2 B to read as follows:

- A. Related Requirements:
 1. Section 01882 "Seismic Performance Requirements".
 2. Section 02201 "Construction Methods and Earthwork."
 3. Section 03300 "Cast-in-place Concrete."
 4. Section 09900 "Painting and Protective Coatings" for coating requirements for equipment specified in this Section.
 5. Section 15061 "Steel Cylinder Water Pipe" for piping materials and installation as required for this Section.
 6. Section 15065 "Hangers and Supports for Process Piping."
 7. Division 16 for electrical work.
 8. Section 17005 "General Instrumentation and Control Components."
 9. Section 17006 "Configuration of HMI Software."
 10. Section 17010 "Programmable Logic Controller."
 11. Sections 17210 and 17210.1 for "Magnetic Flowmeters."
 12. Division 16 for electrical work

Revise Section 11364 1.3 C.9.c to read as follows:

- c. The Pressure Filter System Supplier is responsible for providing the correct **Industrial Ethernet protocol (Ethernet/IP)** communication card to talk to with the plant's SCADA system.

Revise Section 11364 2.1 G.1.b 1-2 to read as follows:

- 1) The Filter PLC system shall either be an Allen Bradley 1756 ControlLogix or 1769 CompactLogix PLC System **with Ethernet/IP and OPC interface and serial protocols (Modbus) as per specification section 17010**, no substitutes.
- 2) The OIT shall be a NEMA 4X, twelve (12) inch color interface operator display terminal that shall communicate with the Filter System PLC. The OIT shall have an Ethernet interface. **Provide Allen Bradley PanelView Plus 7 or equal.**

Revise Section 11364 2.1 G.1.b 8 to read as follows:

- 8) The filter control panel shall have an input voltage of **480 120 volts, ~~3-phase, 3-wire~~**.

Attachments:

None

Eastern Municipal Water District



Joe Mouawad, P.E.
General Manager

PE: BD
PM: [Signature]
DFE: [Signature]
DE: [Signature]

JM:BD: