

Replacement of the 2400 V MCC Gear and Lower Voltage Electrical Gear at the West Side Pumping Station

Additional Scope - Construction

6/22/2023

Scope of Work

OBJECTIVE

The project's objective is to upgrade the electrical gear at SPRWS's West Side Pumping Station. HR Green's scope for construction included limited on-site visits. This additional scope is to add additional site visits based on the contractor's scheduling.

PROJECT APPROACH

PHASE 1 Project Management

Project Management: Provide ongoing administration, coordination, and subcontractor management for the project. Due to the extended delivery schedule of the electrical equipment, additional time has been required for project management.

PHASE 4 Construction Administration

HR Green's proposal for design and construction administration services of the West Side Improvements included the following:

1. One construction meeting.
2. Review up to 10 submittals.
3. One site visit to develop punch list items.
4. One site visit to verify punch list items.
5. One site visit for equipment startup.

Due to the contractor's construction and sequencing, several additional site visits have been necessary. To date, the following visits have been made (9 total):

1. 2/17/2022 – Preconstruction meeting
2. 6/16/2022 – Xcel transformer orientation
3. 11/3/2022 – Fence layout
4. 4/7/2023 – Pump base check
5. 4/20/2023 – Pump base bolt load testing (due to change from plan to save all or most of \$97,000 line item 2.2, the hydro-demolition of pump bases)
6. 5/8/2023 – Pump 4 (first) startup

7. 5/10/2023 – Pump 4 second startup
8. 5/30/2023 – Pump 3 startup
9. 6/14/2023 – Pump 2 startup
10. There have also 21 submittals to date.

The following items are yet anticipated to complete construction (1 additional site visit):

1. Pump 1 startup
2. Startup of new RTU/PLC
3. Punchlist development
4. Punchlist verification

Fee

The additional effort for site visits and submittal review is shown on the attached spreadsheet.

HR Green requests and additional \$12,700 for construction administration and site visits.

