Olivehurst Public Utility District

Agenda Item Staff Report

Meeting Date: November 19, 2026

Item description/summary:

Consider approving 3 task order related to Wheeler Ranch PLC programing – Phase 2 work. Scope of work is described below.

Task 1 – Wheeler Ranch WTP new HMI and additional I/O cards.
a) Provide, install and program new HMI and interface with existing PLC.
b) Provide and install additional I/O cards for the control of the existing booster pumps.
c) Provide and install a radio link from Wheeler's WTP to Well #30.
Labor = $57,500.00 Material $18,650.00 Total $76,150.00
Task 2 – Installing two new Qdos chemical feed pumps and skid
a) Provide and install Two (2) chemical pump control panels.
b) Provide and install a dedicated 20-Amp circuit for the new chemical feed pumps.
c) Provide and install Two (2) new chlorine analyzers.
d) Provide and install Two (2) new chemical tank transmitters.
Labor = $ 9,400.00 Material $10,890.00 Total $20,290.00
Task 3 –Well #30 PLC replacement.
a) Provide, install and program a new PLC for Well #30.
b) Provide and install Two (2) Input, and One (1) Output PLC cards.
c) Remove all abandoned conduits, wires, valves, actuators, meter panel and feed lines.
Labor = $18,800.00 Material = $10,550.00 Total $29,350.00

Fiscal Analysis:

$125,790

Sample Motion/Staff Recommendation:

Consider approving Wright One Electric Services to upgrade the PLC program in order to operate as previous prior to system shutting down along with other replacement maintenance items in the amount of $125,790

Prepared by:

Swarnjit Boyal, Public Works Manager

ATTACHMENT A – Wheeler Emergency PLC Replacement: Phase 2
Quote from Wright One Electric

WRIGHT ONE ELECTRIC

P.O. BOX 401 YUBA CITY, CALIFORNIA 95992 PH. (530) 755 - 4444 FAX (530) 755-4446 LIC. #817489

TASK ORDER

Date: 8-11-26

Client: OPUD

Project: Wheeler Ranch HMI Upgrade.

Work Requested By: Jim Carson **Date Requested: 7-27-26**

Request Done By:

- ■ Verbal
- ☐ Letter
- ☐ Marked Prints
- ☐ Other

Description of Work Requested:

Requested work is for the HMI upgrade and booster pump controls at Wheeler Ranch Water Treatment Plant. (WTP)

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c) Provide and install a radio link from Wheeler's WTP to Well #30.
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Labor = $18,800.00 Material = $10,550.00 Total $29,350.00

Task Order is based on the Affinity Engineering Technical Memorandum of June 26, 2026.

Cost: **Total *Task Order Cost of: $125,790.00***

ACCEPTED AND AGREED TO:

CLIENT:	Contractor:
Signature:	Signature:
Date: Title:	Date