

June 18, 2024

Arnie Romero  
City of Orland Public Works  
815 Fourth St  
Orland, Ca 95963

Re: Quotation for Butte 32 Lift Station

Simonds Machinery is pleased to offer the following options to retrofit the existing duplex lift station named Butte 32. Just like Railroad and Heartland, the job includes two different pump options, one being 2-3hp Shinmaywa submersible solids handling pumps. The other being 2-5hp Barnes chopper pumps. Just like Railroad and Heartland the retrofit consists of a new duplex motor control panel sized on the choice of pumps used. Enclosure is NEMA 4X stainless steel with a Pump Vision PV600 universal controller set up for a FOG Rod level control system with redundant back up floats. NEMA Starters, typical HOA selector switches and power disconnects, pump run indicators, seal fail indicators and motor over-temp indicators as well as high water alarm. The panel is also outfitted with SCADA which will monitor high and low level, cycle counter and run times as well as power failure. Also included is a manual transfer switch and power receptacle for a portable power source. The actual lift station will receive new base elbows for the rail system, new Stainless-steel rails with upper guide rail brackets, new stainless steel lifting chains for each pump, as well as 2-new schedule 10 Stainless steel discharge pipes from base elbow to the lateral lines exiting the tank. Lastly, we will replace both the check valves and 2 of the gate valves with new 4" Matco resilient wedge gate and weighted swing checks. We plan to remove the redundant gate valves and replace it with a spool. Pricing for materials and labor are as follows.

Shinmaywa option

2-3hp 208/230-volt 3ph Shinmaywa submersible pumps	\$ 8610.00
1-CM Controls 3hp 208volt duplex control panel w/SCADA and FOG Rod level control system.	\$27,400.00
Guide rail system with Stainless Steel piping and rails valves and miscellaneous hardware.	\$13,308.00
Labor and expenses to install	\$19,525.00
Tax on materials	\$ 3822.15
Estimated freight	<u>\$ 1000.00</u>
Total	\$73,665.15

Barnes chopper pump option

2-5-hp 460volt 3ph Barnes submersible chopper pumps.	\$27,712.00
1-CM Controls 5-hp 460-volt duplex control panel w/SCADA and FOG Rod level control system	\$29,337.00
Guide rail system with stainless steel piping and rails valves and miscellaneous hardware.	\$13,308.00
Labor and expenses to install.	\$19,525.00
Tax on materials	\$ 5452.66
Estimated freight	<u>\$ 1000.00</u>
Total	\$96,334.60

Should you have any questions regarding this quotation please call Kurt at 650 589-9900.

Best regards

Kurt Hipp