

June 18, 2024

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

Re: Quotation for Airport Lift Station

Simonds Machinery is pleased to offer the following options to retrofit the existing duplex sewer lift station named the Airport lift station. Like the 3 smaller lift stations we will offer you the option of a 10 hp Shinmaywa solids handling submersibles as well as a 10 hp Barnes submersible chopper pumps. Again, just like the other proposals 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. As we discussed on my visit, we will locate this panel outside next to the lift station. We will abandon the existing controls except for the main disconnect inside the control center. As far as the actual lift station this site was easily in the best shape, and you could probably get away with changing out pumps and panel only. But for budgetary purposes we will include new base elbows and new 4" SS sch 10 piping and new valves. We will reuse the stainless-steel rails to save on costs. Pricing for materials and labor are as follows.

Shinmaywa option

|   |                   |
|---|-------------------|
| 2-10hp 460-volt 3ph Shinmaywa submersible pumps   | \$13,162.00       |
| 1-CM Controls 10hp 460volt duplex control panel w/SCADA and FOG Rod level control system. | \$39,226.00       |
| Guide rail system with Stainless Steel piping valves and miscellaneous hardware.          | \$10,694.00       |
| Labor and expenses to install   | \$19,525.00       |
| Tax on materials  | \$ 4888.86        |
| Estimated freight   | <u>\$ 1200.00</u> |
| Total   | \$88,695.86       |

Barnes chopper pump option

|  |                   |
|--|-------------------|
| 2-10hp 460volt 3ph Barnes submersible chopper pumps.   | \$35,034.00       |
| 1-CM Controls 5-hp 460-volt duplex control panel<br>w/SCADA and FOG Rod level control system | \$39,226.00       |
| Guide rail system with stainless steel piping,<br>valves and miscellaneous hardware.         | \$10,694.00       |
| Labor and expenses to install.   | \$19,525.00       |
| Tax on materials   | \$ 6583.94        |
| Estimated freight  | <u>\$ 1200.00</u> |
| Total  | \$112,262.94      |

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

Best regards

Kurt Hipp