

**WQCF Glycerin System Project**

Project Estimate: \$ 300,000.00

August 23, 2022

Conco-West, Inc. - Manteca, CA

ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT PRICE	TOTAL
<b>PROJECT INITIATION</b>					
1	Mobilization, submittals, bonds, licenses, permits, fees, and insurance (maximum of 4% of total bid amount)	1	LS	\$ 14,000.00	\$ 14,000.00
2	Temporary facilities, temporary power, and protection of the work	1	LS	\$ 5,000.00	\$ 5,000.00
3	Excavation and backfill of all tank basis and all other miscellaneous earthwork	1	LS	\$ 6,400.00	\$ 6,400.00
4	Disposal of excess earthwork materials on site	1	LS	\$ 600.00	\$ 600.00
5	Removal and reuse of existing rock surfacing at both tank locations	1	LS	\$ 1,400.00	\$ 1,400.00
6	Installation of Concrete Tank Bases	2	EA	\$ 12,100.00	\$ 24,200.00
7	Installation of Concrete Pump Bases (See Note 1)	2	EA	\$ 2,000.00	\$ 4,000.00
8	Installation and repair of all other miscellaneous concrete	1	LS	\$ 4,000.00	\$ 4,000.00
9	Installation of PVC piping, valves, and supports at all locations	1	LS	\$ 13,600.00	\$ 13,600.00
10	Installation of PVC carrier pipe, tubing, and supports at all locations	1	LS	\$ 48,100.00	\$ 48,100.00
11	Installation of Owner supplied tanks and seismic restraints	2	EA	\$ 3,000.00	\$ 6,000.00
12	Installation fo Owner supplied pumps and VFDs	2	EA	\$ 5,000.00	\$ 10,000.00
13	Installation of all tank level instruments	2	EA	\$ 500.00	\$ 1,000.00
14	Installation of all electrical conduit, pull boxes, and supports	1	LS	\$ 70,000.00	\$ 70,000.00
15	Installation of all electrical wiring, terminations, and labeling	1	LS	\$ 12,000.00	\$ 12,000.00
16	Installation of Contractor provided control panels and installation of Owner supplied VFDs in the control panels (See Note 2)	2	EA	\$ 31,000.00	\$ 62,000.00
17	All Networking, PLC, and SCADA Programming Modifications	1	LS	\$ 30,000.00	\$ 30,000.00
18	Preparation of interconnects and loop drawings, and As-built drawings for all new work	1	LS	\$ 21,000.00	\$ 21,000.00
19	Mechanical equipment testing and startup	1	LS	\$ 3,000.00	\$ 3,000.00
20	Electrical equipment testing, wire testing, and other specified tests for all new or midified equipment	1	LS	\$ 17,000.00	\$ 17,000.00
21	Miscellaneous items specified or indicated elsewhere but not listed above	1	LS	\$ 100.00	\$ 100.00
22	Demobilization, warranty paper work, and project closeout (minimum of 1%)	1	LS	\$ 3,700.00	\$ 3,700.00
<b>BID TOTAL</b>				\$	357,100.00

Note 1: Q &amp; A No 4 clarified the previous quantity of 4 was to be crossed out and to use 2

Note 2: Q &amp; A No 4 clarified that the unit should be EA not LS