



City of Avon Park, Florida

COST ANALYSIS FOR CONSTRUCTION OF IMPROVEMENTS TO POTABLE WATER TREATMENT PLANTS
CDBG-MIT PROJECT NUMBER MT039

Independent Cost Estimate (ICE)

Completed January 24, 2024 (see attached)

		Electrical and Piping Sub Costs
Variable Frequency Drives at Glenwood and Crystal Lake WTPs	\$ 40,000.00	\$ 206,000.00
Programmable Logic Controllers and Supervisory Control and Data Acquisition (SCADA) - Crystal Lake WTP	\$ 86,000.00	
Programmable Logic Controllers and Supervisory Control and Data Acquisition (SCADA) - Glenwood WTP	\$ 80,000.00	
Chlorine System Improvements at Crystal Lake and Glenwood WTPs	\$ 170,000.00	
Davis-Bacon Compliance	\$ 20,000.00	
Total Independent Cost Estimate	\$ 396,000.00	

Odyssey Manufacturing Company

Single Bid Received in Second Solicitation

		Over/Under Cost Estimate
Electrical and Piping	\$ 312,334.40	\$ (106,334.40)
Chlorine System Improvements at Crystal Lake and Glenwood WTPs	\$ 102,665.60	\$ 67,334.40
Davis-Bacon Compliance	\$ 5,000.00	\$ 15,000.00
Bid Less Contingency:	\$ 420,000.00	\$ (24,000.00) Over ICE

(Note: Above Numbers derived on Bid Review Worksheet)

Percentage Difference in Cost Estimate and Bid Items 6.10%

NOTES:

- The bid amounts for the individual specified work items are 6.1% over the Independent Cost Estimate (ICE), which are deemed reasonable and acceptable.
 - The bid however included \$94,835.00 in in line items 17 and 18 that act as contingency budget amounts to cover any unforeseen challenges work that might be discovered during construction.
- * These two contingency line items reflect a total 19% contingency, which is considered reasonable and acceptable.

Based on my experience working with similar projects and taking into consideration current costs increases, I am of the opinion that the bid received from Odyssey Manufacturing Company for the above referenced project is reasonable.

****As a caveat, any work to be addressed under bid line items 17 and 18, should be approved by both the City of Avon Park and FloridaCommerce.**

05.02.2024

Jamison Tondreault, Professional Engineer
Kimley-Horn and Associates, Inc.

Date