



Staff Report

TO: City Council
FROM: Thaxton Van Belle, General Manager of Utilities
DATE: March 21, 2023
SUBJECT: Authorize a Purchase Order to Toshiba for Flow Meters in an Amount Not to Exceed \$54,000 - Capital Improvement Project (CIP) WW-02 Lift Station Flow Meter Replacement

Description Purchase Replacement Flow Meters as part of approved CIP.

Background and Analysis:

Flow monitoring is a critical part of managing the sewer collection system. It is essential to ensure the proper operation of the system, as well as to detect potential problems from pump inefficiencies to Inflow and Infiltration (I&I). Flow measurement is also used in developing and calibrating hydraulic models and performing capacity assessments.

The flow meters at the City's lift stations are in varying degrees of disrepair if not completely non-functional. On June 1, 2021, City Council approved a Capital Improvement Plan (CIP) that included funds programmed over several years to address these issues.

Department staff in conjunction with the City's Procurement and Contracts Specialist reached out to vendors for replacement quotes. Quotes were received from Toshiba, McCrometer, and ABB. Staff is recommending the Toshiba flow meters as the low quote with a 10-year warranty.

Fiscal Impact:

The quoted cost of flow meters recommended for purchase is \$47,201.30, with a freight estimate of \$2500 or \$49,701.30 plus taxes. Staff is requesting the approval of an amount not to exceed \$54,000 to anticipate the tax and freight charges. This purchase will be funded from the I&I Rehab Project Phase 2 – Flow Meters CIP (WW-02 CIP), approved by City Council on June 1, 2021.

Project Accounting:

WW-02 I&I Rehab Project Phase 2 - Flow Meters Project Accounting Summary				
Funding Summary				
Funding Year	Funding Source		Amount	
21/22	Wastewater		\$200,000	
Total Project Funding =			\$200,000	
Budget Summary				
Project Component	Budget	Encumbered	Paid to Date	Remaining Budget
Project Management	\$0	\$0	\$0	\$0
Preliminary Services	\$0	\$0	\$0	\$0
Environmental	\$0	\$0	\$0	\$0
Design	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0
Construction Management	\$0	\$0	\$0	\$0
Permits	\$0	\$0	\$0	\$0
Equipment	\$200,000	\$0	\$0	\$200,000
Project Summary Totals	\$200,000	\$0	\$0	\$200,000

The estimated cost to prepare this report is \$1,000.

Recommended Action:

Approve and authorize the purchase of the flowmeters from Toshiba, with tax and freight in an amount not to exceed \$54,000.

Attachments:

- A. Quote Table from Procurement Specialist