



Navid H. Mehram
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Memorandum

To: The Honorable Board of Directors

From: Navid H. Mehram, P.E., Wastewater Chief Operating Officer

CC: GLWA Executive Leadership

Date: July 24, 2023

RE: 2103225 CIP 273001 – Hubbell-Southfield (HS) Facility Improvements

At the July 12, 2023, Operations and Resources Committee meeting, Director Brian Baker requested the Opinions of Probable Construction Cost (OPCCs) for the improvements proposed for the project referenced above.

Below please find Table A with cost information for the proposed subject contract, 2103225 CIP 273001 - HS Facility Improvements, as provided by Jacobs under GLWA contract CS-299, CSO Facilities Needs Assessment Project. Table A shows the estimated cost to provide the Study, Design and Construction Assistance (S/D/CA) and the OPCCs for the improvements.

The cost estimate provided by Jacobs is dated July 2021 and falls within the -30% and +50% range. Additionally, a 20% market adjustment was added to the CS-299 estimate based on the volatility that the market was experiencing at the time of development.

Table A

CS-299 Estimated Cost – July 2021			
Capital Improvements System	S/D/CA	Construction	Overall Cost
Disinfection System	\$502,000	\$1,005,000.00	\$1,507,000.00
Screening Improvements	\$74,000.00	\$121,000.00	\$195,000.00
Flushing System	\$6,537,000.00	\$20,702,000.00	\$27,239,000.00
HVAC	\$5,000.00		\$5,000.00
I&C Improvements	\$794,000.00	\$1,937,000.00	\$2,731,000.00
Architectural Improvements	\$129,000.00	\$242,000.00	\$371,000.00
Total Estimated Project Cost	\$8,041,000.00	\$24,007,000.00	\$32,048,000.00
Market adjustment (20%)	\$1,608,200.00	\$4,801,400.00	\$6,409,600.00
3D model and As-Builts (Added)	\$1,000,000.00		
Total Project Cost based on (2021 dollars)	\$10,649,200.00	\$28,808,400.00	\$38,457,600.00