


BOARD OF UTILITIES COMMISSIONERS

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September 28, 2023

Recommendation

Authorize the General Manager to issue Task Order No. 01-2023 under On-Call Professional Engineering Contract No. UT-3806 to Michael Baker International, Inc., for the Arbor Street and Locust Avenue Water Main Improvement Project 4-C/POF-17 (MC-5245) in the amount not to exceed \$253,033.

Executive Summary

In September 2020, the Water Distribution System Master Plan was completed to provide a comprehensive planning guide for improving and maintaining LBUD's potable water system. The Master Plan included a Capital Improvement Program section that broke down recommended projects into three categories:

1. Pipelines with hydraulic deficiencies identified in the hydraulic model;
2. Small diameter pipelines identified with a relatively high probability of failure from risk analysis; and
3. Large diameter pipelines identified for condition assessment inspection from risk analysis.

Project 4-C was identified as needing to improve hydraulic deficiencies in this portion of LBUD's distribution system (number 1 above). Project POF-17 was identified in the second category (number 2 above) based on historical water pipeline break and pipeline features.

On July 30, 2023, a Request for Proposal was distributed to 22 consultants in the Pipeline Improvements category of the On-Call Professional Engineering bench. On August 11, 2023, 9 proposals were received, evaluated, and analyzed. Staff recommends Michael Baker International, Inc., based on their experience on similar projects, project team, and reasonableness of their fees. The not-to-exceed amount for their services is \$253,033 and the duration of Task Order 01-2023 is through project completion.

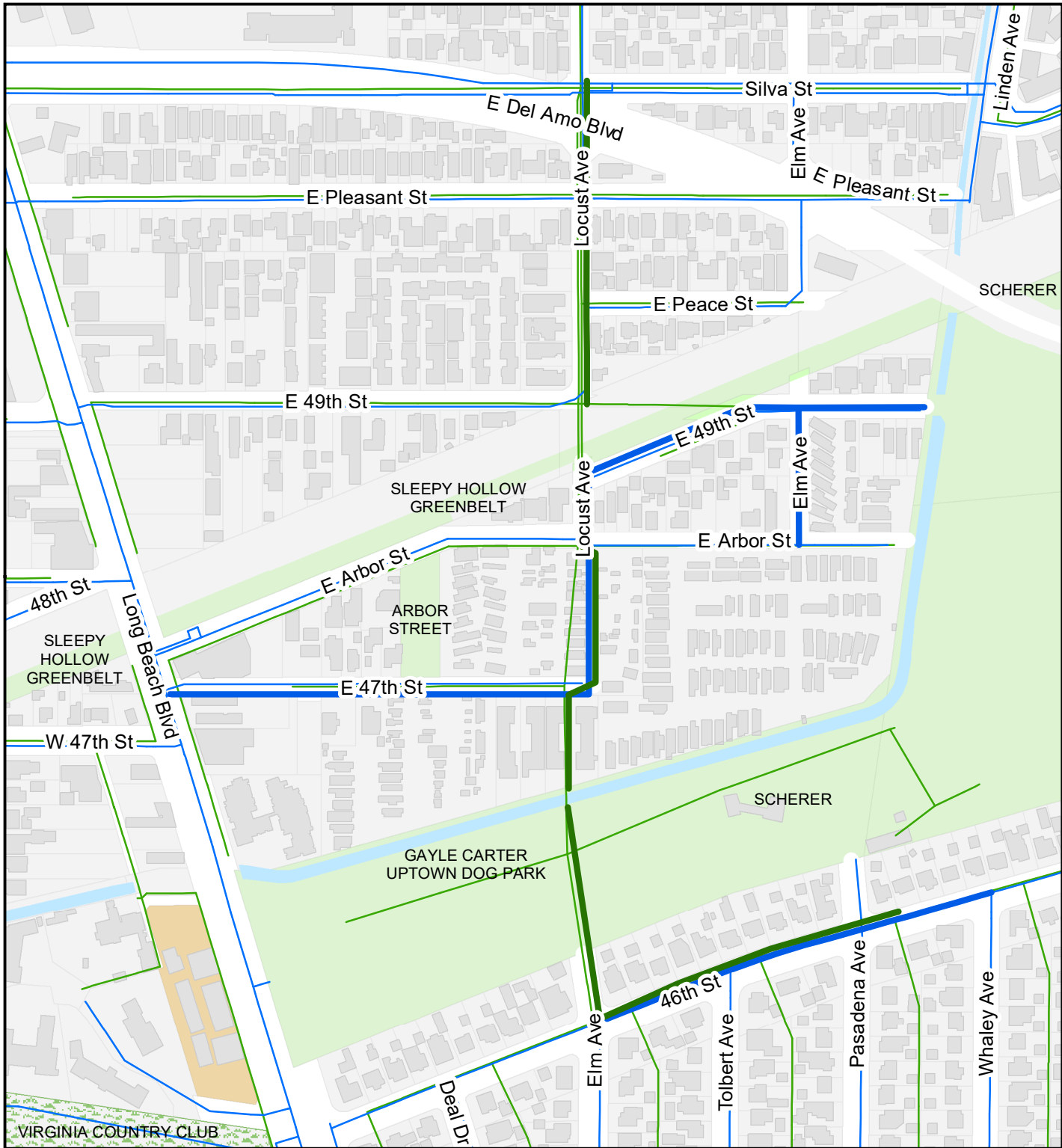
Fiscal Impact

The cost to the Water Fund will be incurred during FY 24, with the total amount not to exceed the contract total of \$253,033. These costs are included in the Water Fund FY 24 CIP budget and financial projections.

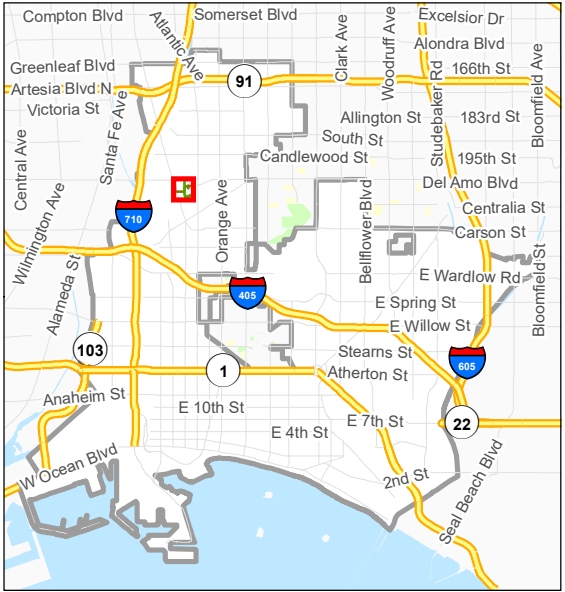
B. Anatole Falagan
Assistant General Manager

Christopher J. Garner
General Manager

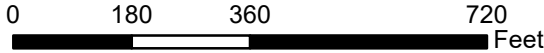
Attachment



**Water Main Improvement
Arbor St & Locust Ave Project
4-C & POF-17 (MC-5245)
PROJECT LOCATION MAP**



- Proposed_Sewer_Replacement
- Proposed_Water_Main_Replacement
- Existing LBUD Water Mains
- Existing LBUD Sewer Mains



Disclaimer: This map and/or data are not an official record LBWD. It is compiled from data furnished by private contractors and other sources. Locations, sizes of geographic feature and facilities shown are based on these sources. This information is furnished strictly as a convenience. LBWD does not assume any responsibility for its accuracy or completeness.