

Approval of First Amendment to Professional Services Agreement with Woodard and Curran for the Storm Drain Master Plan

Board of Public Utilities

June 20, 2024

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Background

Storm Drain Master Plan

1. CCTV/evaluate condition of ~340 miles of storm-drain pipe and 17,000 structures
2. Model the piped infrastructure system
3. Various NPDES MS4 (Stormwater) permit needs
4. Identify costs of replacing aging infrastructure
5. Rank projects proposed for maintenance or replacement
6. Identify funding needs, and options for meeting those needs

Failing Infrastructure



Localized Flooding



Project Update

1. CCTV/evaluate condition of ~340 miles of storm-drain pipe and 17,000 structures: **Done**
2. Model the piped infrastructure system: **Nearly done**
3. Various NPDES MS4 (Stormwater) permit needs: **Ongoing**
4. Identify costs of replacing aging infrastructure: **Ongoing**
5. Rank projects proposed for maintenance or replacement: **Nearly done**
6. Identify funding needs, and options for meeting those needs: **Ongoing**

Proposed Amendment

- The proposed amendment includes compensation for the following tasks:
 - Resolving compatibility issues with City's ITpipes Network
 - Additional storm-drain cleaning of heavy debris and sedimentation
 - Developing and confirming approach to mapping missing codes into condition inspection data base
 - Address data gaps in pipe network data
 - Support coordination with the Regional Water Quality Control Board

Funding

- Existing budget: \$1,574,204
- Amendment: \$121,305
 - Unforeseeable data and CCTV issues
 - Schedule extension
 - Additional subtask
- Amendment funding source: SW Enterprise

Recommendation

- It is recommended by the Water Department that the Board, by motion, approve a First Amendment to Professional Services Agreement (PSA) F002584 with Woodard and Curran, of San Francisco, California, for the Storm Drain Master Plan to provide additional consulting services, increasing the contract amount by \$121,305, for a total not-to-exceed amount of \$1,695,509.