



Sewer Authority Mid-Coastside
SAM

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SAM Force Main in Montara Rehabilitation Project

Design-Builder Selection

Background and Purpose

- SAM's Force Main in Montara (FMM) has been in continuous service for more than 40 years and has approached the end of its useful life.
- There has been a series of failures in the FMM, interrupting service and leading to sanitary sewer overflows (SSOs), in recent years.
- In February 2024, SAM Board of Directors approved a plan for the replacement of the FMM utilizing a Progressive Design/Build (PDB) approach with the goal of completing the FMM replacement by the June 30, 2026 court order deadline.

Project Scope

- The proposed project will replace the remaining ductile iron pipeline (DIP) portion of the pipeline with 13,395 feet of new high-density polyethylene (HDPE) DR 11 pipe installed parallel to the existing DIP within SAM's easements and will have a similar diameter to maintain the FMM's hydraulic capacity.
- At its February 12, 2024 meeting, SAM Board of Directors authorized staff to issue Request for Qualifications (RFQ) and solicit Statements of Qualifications (SOQs) from prospective PDBs.

PDB Selection Process

SAM Board approved the following PDB selection process:

1. Publicly advertise for SOQs from prospective PDBs.
2. Receive and Review the SOQs received.
3. Short-List PDB teams to receive Requests for Proposals (RFP).
4. Receive Proposals from Short-Listed PDBs and Select the Recommended Proposer for the Board Approval.

SAM developed the RFQ and publicly advertised it on March 12, 2024 – STEP 1 was completed

PDB Selection Process – STEP 2

SOQs were received on May 6, 2024 from four (4) prospective PDB teams, as follows:

Proposed Construction Contractor	Proposed Engineer
Anderson Pacific	Waterworks
Mountain Cascade	Carollo
McGuire and Hestor	MNS
Garney Construction	GHD, Inc.

PDB Selection Process – STEP 3

The SOQs were reviewed by SAM staff with the following preliminary rankings:

- #1 – Mountain Cascade/Carollo
- #2 and #3 – tied – MacGuire and Hestor/MNS and Anderson Pacific/Waterworks Engineers
- #4 – Garney Construction/GHD, Inc.

Next Steps – STEP 4

1. Develop short list of three (3) proposers- completed
2. Develop the Draft PDB RFP and solicit the Board approval to issue the RFP to the short-listed proposers at the July 8, 2024 meeting – present
3. Receive proposals from the perspective PDB's, review and recommend the winning team for the Board approval to negotiate.

Additional Considerations

- Following a Notice-to-Proceed to the selected PDB team, if SAM and PDB are unable to reach an agreement on the Guaranteed Maximum Price (GMP) for the Project, the PDB would finish design work only.
- The design work will be brought to 100% completion by the PDB team to allow SAM to publicly bid the project.

What is PDB?

- PDB is an innovative alternative project delivery method that offers advantages of schedule compression and cost containment compared to traditional design-bid-build delivery.
- PDB is an integrated contracting and delivery approach that would provide SAM and its Member Agencies (MAs) with design and construction services under one contract with a single source of project responsibility.

PDB Contract Phases

- **Phase 1:** PDB will develop scope, schedule, basis of design and preliminary engineering consistent with SAM's budget and quality expectations to deliver the project. PDB will arrive at a GMP.
- **Phase 2:** PDB and SAM agree on commercial terms including a GMP. PDB performs final design and constructs the project.
- **Phase 2 Alternative:** If the GMP agreement is not reached, SAM stops the project at the 100% design level and does not proceed with construction with the PDB team.

Proposed FMM Project Schedule

- Board approval of the PDB RFP July 8, 2024
- Receive PDB Proposals September 6, 2024
- Board approval to negotiate with top proposer October 14, 2024
- Board approval of Phase 1, Design Contract November 11, 2024
- Phase 1 Design Complete and GMP Received from PDB May 31, 2025
- Board approval of Phase 2, Construction Contract July 14, 2025
- Construction Substantially Complete June 30, 2026