



Inland Empire Brine Line Agua Mansa Lateral

David Ruhl, Executive Manager of Engineering and Operations
Project Agreement 24 Committee
March 5, 2024 | Item No. 6.A

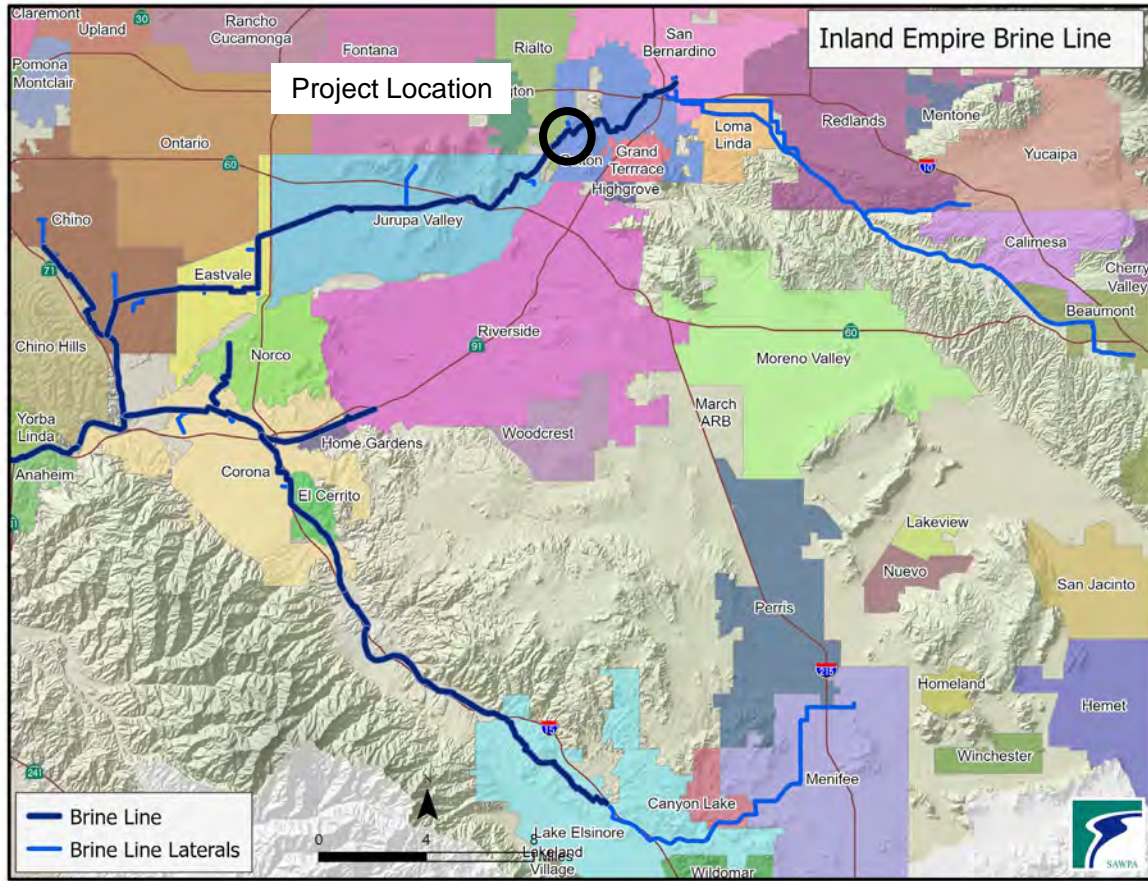
Agua Mansa Lateral

Recommendation:

That the PA 24 Committee:

1. Approve Change Order 2 to Task Order FALC328-01 for Construction Management and Inspection Services for the Agua Mansa Lateral Project, in an amount not to exceed \$106,540.30; and
2. Receive and file an update on the Agua Mansa Lateral Project.

Agua Mansa Lateral



- PA 24 Award: August 2023
- Contractor: Genesis Construction
- Contract amount: \$2,207,290
- Contract period: 180 Calendar days (September 11, 2023 – March 9, 2024)
- Project Description: 4,550 feet of 12-inch PVC pipe

Agua Mansa Lateral



Figure 1: Excavation, installation and backfill of pipe.



Figure 2: Excavation for tie-in to existing 36" Brine Line.

Agua Mansa Lateral



Figure 3: Looking East along Agua Mansa Road



Figure 4: Looking West along Agua Mansa Road

Agua Mansa Lateral



- Falcon Engineering provides Construction Management and Inspection Services
- Activities: Submittal review, RFI review, progress meetings, document management, pay application review, potential change orders, differing site conditions, inspection, daily reports
- Contract Amount: \$100,000
- Budget estimate based on 30 contractor work days and typical CM activities
- SAWPA only pays for actual CM and inspection on the project
- Revised budget is based on contractor's work schedule (\$106,541)

Cost Share Agreement

- Cost Share

	<u>Construction</u>	<u>Design</u>
▪ RBF	82.0%	N/A
▪ SAWPA	4.5%	25%
▪ Valley	13.5%	75%

Lateral Size	SAWPA Costs*	Valley Costs*	RBF Costs	Total Costs
12"	\$224,287	\$672,860	\$1,605,703**	\$2.503M

*Also includes design and bidding costs

** RBF share is based on bid amount for 8-inch lateral.



Agua Mansa Lateral

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Questions?



SANTA ANA WATERSHED
PROJECT AUTHORITY

Brine Line Service Contracts RFPs

PA 24 Committee
Item No. 6.B
Daniel Vasquez
Manager of Operations
March 5, 2024

Recommendation

That the PA 24 Committee directs the General Manager to issue Requests for Proposals (RFPs) for the Inland Empire Brine Line service contracts.

Service Contracts

1. On-Call CCTV Services: Video assessment and rating of Brine Line material conditions.
2. On -Call Line Cleaning Services: Pipeline cleaning services including costs for water trucks and traffic control.
3. Brine Line Flow Meter Calibration Services: Regularly scheduled meter maintenance required by Sewer System Management Plan (SSMP).

Schedule

Service Contract	Current Provider	PA24 Direct RFP	RFP Due Date	PA 24 approval	Cost estimate (2 Year Cost)
On-Call CCTV Services	Innerline Engineering	3/5/2024	4/8/2024	5/7/2024	\$ 100,000.00
On -Call Line Cleaning Services	Innerline Engineering	3/5/2024	4/8/2024	5/7/2024	\$ 264,000.00
Brine Line Flow Meter Calibration Services	Douglas Environmental	3/5/2024	4/8/2024	5/7/2024	\$ 29,000.00
Estimated Total: \$393,000					

Recommendation

That the PA 24 Committee directs the General Manager to issue Requests for Proposals (RFPs) for the Inland Empire Brine Line service contracts.

Questions?

Daniel Vasquez
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SANTA ANA WATERSHED
PROJECT AUTHORITY

Brine Line Sewer System Management Plan 2024 Audit

PA 24 Committee

Item No. 6.C

Daniel Vasquez

Manager of Operations

March 5, 2024

Recommendation

That the Project Agreement 24 Committee direct the General Manager to issue a Request for Proposal (RFP) for the Inland Empire Brine Line Sewer System Management Plan (SSMP) 2024 Audit

Sewer System Management Plan

- SSMP is required for publicly owned collection systems comprised of more than 1 mile of pipe or sewer line that convey untreated wastewater to a publicly owned treatment facility.
- State Water Resources Control Board recently adopted new Waste Discharge Requirements (WDR) General Order 2022-0103-DWQ which outlines new requirements.

SSMP Overview

Brine Line SSMP is available online.

- Spill Emergency Response Plan was last updated in June 2023.
- Last Internal Audit was performed in 2021 and the next audit is due November 2024.

SSMP REQUIRED ELEMENTS	
1	Sewer System Management Plan Goal and Introduction
2	Organization
3	Legal Authority
4	Operation and Maintenance Program
5	Design and Performance Provisions
6	Spill Emergency Response Plan
7	Sewer Pipe Blockage Control Program
8	System Evaluation, Capacity Assurance and Capital Improvements
9	Monitoring, Measurement and Program Modifications
10	Internal Audits
11	Communication Program

Summary of New Requirements

- **Update frequency changed from every five (5) years to every six (6) years.**
- **Audit frequency changed from every two (2) years to every three (3) years.**
- **Sanitary Sewer Overflow (SSO) changed to Spill.**
- **Category 4 Spill.**
- **New service area map requirements.**
- **Audits to be uploaded to the online Sanitary Sewer System Database (CIWQS).**
- **Incorporate operator feedback into audit process.**

Audit Requirements

- **Evaluate the implementation and effectiveness of Brine Line SSMP in preventing spills and compliance with the General Order**
- **Identify deficiencies in addressing spills and discharges to waters of the State**
- **Identify necessary modifications to the SSMP**
- **A complete Audit Report with findings and recommended actions**
- **A statement that sewer system Operators input on audit findings has been considered.**
- **Proposed Schedule to address identified deficiencies.**

RFP Schedule

Issue Request for Proposals	March 5, 2024
Pre-proposal meeting	March 20, 2024
Proposals due	April 15, 2024
Recommend Award	May 7, 2024
Issue Notice to Proceed	May 2024

Recommendation

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Questions?

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