



Southeast Napa Sewer and Roadway Rehabilitation Project (CIP 18706)



Napa Sanitation District Board of Directors Meeting
December 19, 2018

Background

Southeast Napa Area

- High peaking factor (22.4)
- Downstream SSO history
- Upcoming paving projects (City and County)







Coordination with Paving Projects

- Napa County
 - Partnership to combine sewer rehabilitation and paving into one project
 - Reimbursement agreement similar to past collaborative projects (MST, Flood Control)
- City of Napa
 - Streets within and near project area are on upcoming paving schedule



Project Overview

General Project Scope

	Item	Quantity
Base Bid	Sewer main rehabilitation	30,980 LF (5.9 miles) - 2.2%
	Structures	80
	Laterals	615
Alternate	Street resurfacing	1.6 miles
	ADA curb ramps	21

- District and County staff will perform construction management and inspection services for the project



Project Financials

Bid Date/Time: 12/4/2018, 2:00 PM

Engineers' Estimates	Base Bid	Alternate	Combined
	\$5,900,000.00	\$1,950,000.00	\$7,850,000.00

	Bidder	Base Bid	Alternate	Combined
1	Cratus Inc.	\$5,280,892.00	\$1,757,880.00	\$7,038,772.00
2	D'Arcy & Harty	\$5,656,536.00	\$1,651,460.00	\$7,307,996.00
3	Ranger Pipelines	\$6,518,934.00	\$1,767,075.00	\$8,286,009.00
4	Team Ghilotti	\$9,623,111.90	\$1,776,540.50	\$11,399,652.40



Cost Evaluation – Sewer Rehabilitation

Project	Scope	Miles	Laterals/ Mile	Cost/Mile (millions \$)
Basin L #1	Rehab <u>only</u>	1.7	73	0.72
Basin L #2	Rehab/Trench	1.8	105	1.33
Basin L #3	Rehab/Trench	2.5	94	1.11
Basin L #4	Rehab/Trench	4.2	143	0.98
Basin L #5	Rehab/Trench	1.4	80	1.3
2017 Project	Rehab <u>mostly</u>	5.7	105	0.83
2018 Project	Rehab <u>only</u>	6.1	98	0.77
2019 Project	Rehab <u>mostly</u>	5.9	104	0.90



Anticipated Schedule

Milestone	Date
Notice to Proceed	Early February 2019
Begin Construction	March 2019
Complete Construction	October 2019
Accept Construction/ Presentation to Board	December 2019
Post-Construction Flow Monitoring	Winter 2018/2019



Recommendation

Award the construction contract (base bid plus bid alternate) to Cratus, Inc. for the amount of \$7,038,772 and authorize the General Manager to execute the Agreement with the Contractor and issue the Notice to Proceed, when appropriate.