Ref: 27-9734

AGENDA

ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT

Tuesday, December 1, 2026 – 3:00 p.m.
1960 La Costa Avenue, Carlsbad, CA 92009

Join Meeting
Meeting ID: 222 745 589 523 188 2
Passcode: bt2J94f4

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1. **Call to Order**
   Teleconference with President Brown at the following location:
   Moulton Niguel Water District
   26161 Gordon Road
   Laguna Hills, CA 92653

   Teleconference with Director Roesink at the following location:
   7509 Solano Street
   Carlsbad, CA 92009

2. **Roll Call**

3. **Public Comment**

4. **La Costa Pump Station Replacement Project – Geotechnical Engineering Support Services**
   Authorize the General Manager to execute a sole source agreement with Rain for Rent for geotechnical engineering support services for the La Costa Pump Station Replacement Project in an amount not to exceed $100,000 (Pages 2-3)

   Award of the District's Fiscal Year 2027 Cured-in-Place Pipe Lining Project Construction Contract. (Pages 17-26)
   Authorize the General Manager to execute an Agreement with Nu Line Technologies, LLC for construction services to complete the Fiscal Year 2027 Cured-in-Place Pipe Lining Project in an amount not to exceed $477,475 (Pages 4-9)

5. **Information Items**
   None.

6. **Directors' Comments**

7. **General Manager's Comments**

8. **Adjournment**

Ref: 27-9735

MEMORANDUM

DATE: November 25, 2026

TO: Engineering Committee

FROM: Paul J. Bushee, General Manager

SUBJECT: **La Costa Pump Station Replacement Project – Geotechnical Engineering Support Services**

RECOMMENDATION:

Staff requests that the Engineering Committee recommend that the Board of Directors:

1. Authorize the General Manager to execute a sole source agreement with Rain for Rent for geotechnical engineering support services for the La Costa Pump Station Replacement Project in an amount not to exceed $100,000.

2. Discuss and take other action as appropriate.

BACKGROUND:

Tactical Goal: Infrastructure & Technology / La Costa Pump Station Replacement

As the District finalizes project design, initial geotechnical testing revealed significant groundwater conditions that directly impact structural engineering, construction methodology, and dewatering operations. Specialized groundwater testing was not included in the original design contract because the full extent of these groundwater conditions was not fully known until preliminary design progressed.

The geotechnical investigation revealed split soil conditions across the site. Both the existing and proposed pump station sites sit on sandy soil (older alluvium) with high groundwater that flows easily, while the proposed sewer main alignment sits on clay soil (younger alluvium) with likely high groundwater that drains poorly. The exact transition boundary between these two soil types remains unknown.

Construction will require a major dewatering operation due to the deep excavations and free flowing groundwater in the sandy soil. Strict regulatory permitting requirements make discharging pumped groundwater into San Marcos Creek or local storm drains impractical, so the District will require the contractor to discharge the groundwater into the existing sewer system. As a result, the District must verify that the existing sewer system and La Costa Pump Station can accommodate these dewatering flows without disrupting ongoing operations. Additionally, unknown pumping volumes create major uncertainty for contractors, which will likely inflate construction bids and increase the risk of costly change orders.

DISCUSSION:

To complete the final design and accurately estimate construction costs ahead of the planned February 2027 bid advertisement, the District must obtain this supplemental geotechnical and groundwater data.

Due to the specialized nature of the geotechnical work and well testing, the pool of qualified companies is limited because of the specific expertise in this field. Staff solicited quotes from two companies; Geocon provided a quote of $250k and Rain for Rent, in partnership with Bajada performing a portion of the work, provided a combined quote for $120k. Rain for Rent also came recommended by another contractor. Furthermore, by the District administering the Rain for Rent contract directly rather than passing it through the as-needed design consultant, the District will save 10% in markup costs.

In accordance with District Procurement Policy Section 11.1(D), Complex or Unique Items, formal competitive bidding is not recommended, as the specialized scope makes it unlikely that there would be additional qualified bidders or that bidding would yield an economic benefit to the public.

Therefore, staff recommends that the Board authorize the General Manager to execute a sole source agreement with Rain for Rent.

FISCAL IMPACT:

The FY 27 Capital Budget includes $7.57M for this project. To date, about $520k has been spent or allocated for design work. Therefore, there are sufficient funds to cover this contract.

ier:PJB

MEMORANDUM

Ref: 27-9731

DATE: November 25, 2026

TO: Engineering Committee

FROM: Paul J. Bushee, General Manager

SUBJECT: **Award of the District's Fiscal Year 2027 Cured-in-Place Pipe Lining Project Construction Contract**

RECOMMENDATION:

Staff requests that the Engineering Committee recommend that the Board of Directors:

1. Authorize the General Manager to execute an Agreement with Nu Line Technologies, LLC for construction services to complete the Fiscal Year 2027 Cured-in-Place Pipe Lining Project in an amount not to exceed $477,475.

2. Discuss and take other action as appropriate.

BACKGROUND:

Tactical Goal: Infrastructure and Technology / FY2027 Gravity Pipeline Rehabilitation

The Leucadia Wastewater District's (District) 2023 Asset Management Plan recommended that the District continue to execute its annual Gravity Pipeline and Manhole Rehabilitation Program. Staff uses Closed-Circuit Television (CCTV) inspections to identify and prioritize defects on a Repair Priority List. Each fiscal year, staff forms a rehabilitation project by grouping similar defects into one of three repair categories: open trench construction, Cured-In-Place Pipe (CIPP) lining, or Cured-In-Place Manhole (CIPM) lining. For Fiscal Year 2027, staff selected a CIPP lining project.

The Fiscal Year 2027 Cured-In-Place Pipe Lining Project (FY2027 Project) focuses on sewer pipeline repairs that require a trenchless method of construction known as CIPP. The project scope consists of lining twenty-one (21) gravity sewer pipeline segments totaling nearly 5,000 linear feet to address severe cracking and root intrusion. In July 2026, staff executed a Task Order with Water Works Engineers (Water Works) to design the FY2027 Project.

DISCUSSION:

Water Works completed project design in October 2026. The project was advertised for bids on October 15, 2026. Bids were due on November 12, 2026. Three (3) bids were received as follows:

Construction Firm	Bid Submitted
Nu Line Technologies, LLC	$477,475
Insituform Technologies, LLC	$493,706
Sancon Technologies, Inc.	$520,171

The bids were reviewed by Tim Lewis and Khaled Ibrahim at Water Works. As a result of their evaluation, Water Works determined Nu Line Technologies, LLC (Nu Line) to be responsive to the bid requirements and recommended that Nu Line be awarded the contract as the lowest responsive and responsible bidder. The bid review memorandum from Water Works is attached for your review. Nu Line's bid of $477,475 is about $120k, or 20% less, than the engineer's opinion of probable cost of

$598k. Furthermore, District staff had positive project experiences with Nu Line on the following referenced projects: FY2023 CIPP Lining Project, FY2021 CIPP Lining Project, the FY2018 CIPP Lining Project, the FY2016 Gravity Pipeline Rehabilitation Project, and the 2015 Gravity Pipeline Rehabilitation Project (Nu Line was sub-contractor to Burtech Pipeline).

Therefore, staff concurs with the recommendation from Water Works and recommends to execute the contract to Nu Line Technologies, LLC.

FISCAL IMPACT:

The FY27 Capital Budget includes $790k for this project. To date, about $49k has been spent or allocated for the design work. Therefore, there are sufficient funds to cover project construction.

ier:PJB

Attachment

Leucadia Wastewater District
FY27 Cured-In-Place Pipe Lining Project
Bid Review Memorandum

Date: November 24, 2026
Prepared by: Khaled Ibrahim, EIT
Checked by: Tim Lewis, PE

Purpose

The purpose of this memorandum is to summarize Water Works' evaluation of the bid results and the responsiveness of the submitted bids to Leucadia Wastewater District (District) for the Fiscal Year 2027 Cured-In-Place Pipe (CIPP) Lining Project.

Bid Results

Three (3) Bids were received and opened November 12th, 2026. The Bids are summarized in Table 1 attached below. Characteristics of the bids are as follows along with the Engineer's Opinion of Probable Construction Cost (OPCC):

Apparent Low Bid:	$477,475
Second Lowest Bid:	$493,706
High Bid:	$520,171
Engineer's OPCC:	$598,202

Nu Line Technologies, LLC (NuLine) submitted the lowest bid, $120,727 (20.18%) less than the Engineer's OPCC.

Review of Lowest Bidder

Contractor's License

The Contractor holds the required Class A License (No. 997520). The license is current and active.

Business Information

NULINE TECHNOLOGIES LLC
1325 PIPELINE DRIVE
VISTA, CA 92081
Business Phone Number:(760) 634-5153

Entity Ltd Liability
Issue Date 10/10/2014
Expire Date 10/31/2025

License Status

This license is current and active.

All information below should be reviewed.

Classifications

A - GENERAL ENGINEERING

https://www.cslb.ca.gov/onlineservices/checklicenseII/checklicense.aspx

Bid Bond

A bid bond in the amount of ten percent (10%) of the bid amount was submitted with Nationwide Mutual Insurance Company as surety.

Signatures

NuLine partner Dominic Burtech, signed the Closing Statement, Bidder's Bond, Non-Collusion Affidavit, and Local Preference Certification. Other company partners were listed.

Experience Data

NuLine responded to all the Experience Data questions satisfactorily and no claims have been filed against them in the last five (5) years.

Experience Requirements - CIPP Lining

The bid documents require the Contractor to submit three (3) project references, completed in the previous five (5) years, where the Contractor was required to install at least three hundred (300) linear feet of CIPP lining into pipe with a minimum diameter of eight (8) inches. NuLine submitted three project references in the required format, including several for the District and many others dated from 2014 to present. Water Works reviewed the project references, finding that NuLine meets and exceeds the experience requirements of CIPP lining.

Experience Requirements - Tophat Installation

The bid documents require the Contractor to submit three (3) project references, completed in the previous five (5) years, where the Contractor was required to install at least five (5) "top-hat" lateral reinstatements or installations into an eight (8) inch or greater diameter pipe. NuLine submitted more than three project references that meet the requirements. Water Works reviewed the project references, finding that NuLine meets and exceeds the experience requirements of Tophat Installation.

References

Water Works contacted twelve references, and six responded. One reference was negative. Five took no exception and were positive. Common themes were NuLine is a small company that provides good value and good quality work products but has smaller project management and administration capabilities.

Registration with the Department of Industrial Relations (DIR)

As of 03/01/2015 contractors and their subcontractors are required to be registered with the DIR prior to bidding a public works project. Water Works confirmed that both NuLine and its listed subcontractor, DB Pipeline Inc., are registered with the DIR.

Contractor Legal name	Registration #	Registration Date	Expiration Date
Nu Line Technologies, LLC	1000003808	7/1/2026	6/30/2028
DB Pipeline, Inc.	1000062288	7/1/2026	6/30/2028

https://www.dir.ca.gov/public-works/Contractors.html

Bid Item Review

NuLine had price per linear foot for CIPP lining modestly lower than the Engineer's OPCC, and there does not appear to be any significant pricing deviation that may indicate the Contractor is frontloading particular bid items

or may not understand the scope of work delineated in the bid item. In general, it is Water Works opinion that NuLine's bid is competitive and is indicative of their experience and familiarity with District standards and practices and demonstrates an overall interest in the work.

Final Opinion

Water Works takes no exception to and considers NuLine to be the lowest responsive bidder, as required by the Bidding Documents.

Attachments

Attachment A: Bid Summary

Table 1

Leucadia Wastewater District
Fiscal Year 2027 Cured-In-Place Pipe Lining Project
Attachment A
Prepared By: Khaled Ibrahim
Checked By: Tim Lewis
Date: 11/19/2026
WWE Project #22-038

WATERWORKS ENGINEERS

Bid Opening: November 12, 2026

Item No.	Description	Unit	Qty.	ENGINEER ITEM TOTAL	Bidder No. 1 Insituform ITEM TOTAL	Bidder No. 2 Nu-Line ITEM TOTAL	Bidder No. 3 Sancon ITEM TOTAL	Average of 3 Bidders ITEM TOTAL
1	Mobilization, Bonds, Permits, Cleanup, and Demobilization	LS	1	$ 10,000	$ 27,222	$ 8,000	$ 22,450.00	$ 19,224
2	P-1 (Calle De Sereno)	LS	1	$ 6,914	$ 14,764	$ 11,250	$ 9,655.00	$ 11,890
3	P-2 (Range Street)	LS	1	$ 8,085	$ 11,816	$ 7,650	$ 14,132.00	$ 11,199
4	P-3 (Wilstone Ave)	LS	1	$ 27,695	$ 26,152	$ 25,700	$ 25,166.00	$ 25,673
5	P-4 (Hyeia Ave)	LS	1	$ 39,325	$ 40,121	$ 38,900	$ 49,739.00	$ 42,920
6	P-5 (S El Camino Real)	LS	1	$ 34,000	$ 17,255	$ 19,235	$ 22,692.00	$ 19,727
7	P-6 (Birchview Drive)	LS	1	$ 23,900	$ 18,068	$ 11,865	$ 13,108.00	$ 14,347
8	P-7 (Encinitas Blvd)	LS	1	$ 44,000	$ 31,012	$ 30,720	$ 28,823.00	$ 30,185
9	P-8 (Encinitas Blvd)	LS	1	$ 35,412	$ 21,722	$ 25,750	$ 23,184.00	$ 23,552
10	P-9 (Cottage Grove Drive)	LS	1	$ 19,945	$ 21,239	$ 17,050	$ 15,171.00	$ 17,820
11	P-10 (Cottage Grove Drive)	LS	1	$ 18,310	$ 15,190	$ 15,900	$ 15,471.00	$ 15,520
12	P-11 (Olivenhaim Rd)	LS	1	$ 43,102	$ 47,296	$ 54,335	$ 42,056.00	$ 47,896
13	P-12 (Olivenhaim Rd)	LS	1	$ 43,450	$ 45,615	$ 54,965	$ 42,437.00	$ 47,672
14	P-13 (Olivenhaim Rd)	LS	1	$ 17,437	$ 11,112	$ 8,010	$ 15,287.00	$ 11,470
15	P-14 (Olivenhaim Rd)	LS	1	$ 38,839	$ 49,902	$ 46,650	$ 41,069.00	$ 45,874
16	P-15 (Jacaranda Ave)	LS	1	$ 21,971	$ 10,629	$ 9,485	$ 25,913.00	$ 15,342
17	P-16 (Via Palacio)	LS	1	$ 9,255	$ 7,177	$ 7,950	$ 17,430.00	$ 10,852
18	P-17 (Via Montanosa)	LS	1	$ 10,795	$ 9,066	$ 9,360	$ 13,773.00	$ 10,733
19	P-18 (Calle Madero)	LS	1	$ 31,340	$ 22,880	$ 19,820	$ 20,926.00	$ 21,209
20	P-19 (Arenal Ln)	LS	1	$ 25,200	$ 18,981	$ 22,430	$ 22,058.00	$ 21,156
21	P-20 (Babilonia St)	LS	1	$ 13,565	$ 11,766	$ 11,665	$ 13,247.00	$ 12,226
22	P-21 (Babilonia St)	LS	1	$ 21,280	$ 14,721	$ 20,785	$ 26,384.00	$ 20,630
	10% CONTINGENCY ADDER			$ 54,382	-	-	-	-
			TOTAL :	$ 598,202	$493,706	$477,475	$520,171.00	$ 497,117
			Delta to ENG	$ -	-$104,496	-$120,727	-$78,031.00	$ (101,085)