

AGENDA

**ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT**
Wednesday, February 5, 2020 – 9:00 a.m.
1960 La Costa Avenue, Carlsbad, CA 92009

1. **Call to Order**
2. **Roll Call**
3. **Public Comment**
4. **New Business**
 - A. Adopt Resolution No. 2326, Orphan Annexation, as presented. (Pages 3 to 7)
 - B. Adopt Resolution No. 2323 updating the Leucadia Wastewater District Sewer Service Lateral Repair Authorization and Reimbursement Policy (Pages 8 to 18)
 - C. Authorize the General Manager to execute a Purchase Order with Encinitas Ford in the amount of \$104,998.07 for the purchase of one (1) 2020 (¾ ton) Ford Pickup Truck and one (1) 2020 Ford (½ ton) Pickup Truck to replace two similarly equipped District vehicles. (Pages 19 to 20)
 - D. Authorize the General Manager to execute an Agreement with Stanek Constructors, Incorporated for the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$3,551,500 as the lowest responsive and responsible bidder. (Pages 21 to 45)
 - E. Authorize the General Manager to execute an Amendment No. 8 to Task Order 29 with Infrastructure Engineering Corporation for engineering support services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$91,930. (Pages 46 to 49)
 - F. Recommendation 1: Authorize the General Manager to execute an Agreement with Mavteck for construction management services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$252,000.

Recommendation 2: Authorize the General Manager to execute an Agreement with Rockwell Construction Services, Inc. for electrical, instrumentation and controls construction management and inspection services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$37,800. (Pages 50 to 51)
 - G. Retroactively authorize the General Manager to disburse an amount not to exceed \$118,838 to Maxim Engineering for the completion of emergency repairs to the La Costa Force Main. (Page 52)
5. **Information Items**

None.

6. **Directors' Comments**
7. **General Manager's Comments**
8. **Adjournment**

MEMORANDUM

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: Resolution No. 2326 Requesting LAFCO to Take Proceedings for the Orphan Change of Organization

RECOMMENDATION:

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

1. Adopt Resolution No. 2326, Orphan Annexation, as presented.
2. Discuss and take other action, as appropriate.

DISCUSSION:

The proposed Orphan Annexation into the Leucadia Wastewater District's (LWD) service area involves one parcel totaling 0.56 acres, located west of Interstate 5, north of Leucadia Boulevard and east of Hymettus Avenue.

This annexation is within the District's sphere of influence and includes one parcel with an existing single-family residence that is currently connected to an ageing septic tank system. The private sewer lateral for the residence will connect to the available public sewer system in the middle of Eolus Avenue. The annexation is necessary to provide sewer service to this residence.

Approval of Resolution No. 2326 would authorize a boundary annexation.

LWD's collection and treatment systems have sufficient capacity to accommodate the existing single-family dwelling. Attached please find a copy of Resolution No. 2326 for your review.

ier:PJB

Attachment

RESOLUTION NO. 2326

**A RESOLUTION OF APPLICATION BY THE
BOARD OF DIRECTORS OF LEUCADIA WASTEWATER DISTRICT
REQUESTING THE LOCAL AGENCY FORMATION COMMISSION
TO TAKE PROCEEDINGS FOR THE PROPOSED
ORPHAN CHANGE OF ORGANIZATION**

RESOLVED, by the Board of Directors of the Leucadia Wastewater District, that

WHEREAS, the Board of Directors of the LEUCADIA WASTEWATER DISTRICT (LWD), San Diego County, State of California, desires to initiate proceedings pursuant to the Cortese/Knox/Hertzberg Local Government Reorganization Act of 2000, Division 3, commencing with Section 56000 of the California Government Code for the proposed Orphan Change of Organization; and

WHEREAS, the proposed Orphan Change of Organization includes annexation of the Gupta territory (*APNs 254-392-30-00*) to the LWD; and

WHEREAS, the reasons for this proposed Change of Organization are as follows:

1. LWD is empowered to and is engaged in the collection, treatment, and disposal of wastewater and has existing facilities to provide wastewater service to the territory proposed to be annexed.
2. The owners of the territory desire to utilize the LWD facilities.
3. The territory to be annexed is within LWD's Sphere of Influence.

WHEREAS, the territory subject to the proposed Change of Organization is inhabited, and a description of the external boundary of the territory is set forth in Exhibit "A" and a map thereof is set forth in Exhibit "B", both attached hereto and by this reference incorporated herein; and

WHEREAS, LWD requests that the proposed Change of Organization be subject to the following terms and conditions:

1. The annexed property is thereafter subject to capacity fees, sewer service fees, and all other district-wide Ordinances and Resolutions of LWD.

WHEREAS, LAFCO is authorized to approve this proposed Change of Organization without notice or hearing and without an election. If no express effective date is indicated, the effective date of the Change of Organization shall be the date of recordation of the Certificate of Completion and Resolution ordering the change of organization by the County Recorder.

WHEREAS, the staff of LWD has reviewed this proposed Change of Organization under the California Environmental Quality Act (CEQA) and has found it to be categorically exempt from CEQA pursuant to Section 15319 (a) of the California Environmental Quality Act.

NOW, THEREFORE, this Resolution of Application is hereby approved and adopted by the Board of Directors of the LEUCADIA WASTEWATER DISTRICT. The Local Agency Formation Commission of San Diego County is hereby requested to take proceedings for the proposed Change of Organization that includes the territory as described in Exhibit "A" and shown in Exhibit "B", according to the terms and conditions stated above and in a manner provided by the Cortese/Knox/Hertzberg Local Government Reorganization Act of 2000.

PASSED AND ADOPTED at a Regular meeting of the Board of Directors held on February 12th, 2020 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

Allan Juliussen, President

ATTEST:

Paul Bushee, General Manager
(SEAL)

EXHIBIT "A"
ORPHAN ANNEXATION
TO LEUCADIA WASTEWATER DISTRICT
GEOGRAPHIC DESCRIPTION

ALL THAT CERTAIN PROPERTY, SITUATED IN A PORTION OF LOT 3 IN BLOCK F OF SOUTH COAST PARK, IN THE CITY OF ENCINITAS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO 1788, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY ON MARCH 29, 1924 AS FOLLOWS:

COMMENCING AT THE CENTERLINE INTERSECTION OF EOLUS AVENUE AND DAPHNE STREET (NOW KNOWN AS NAIAD STREET). AS SHOWN ON SAID MAP 1788; THENCE

1. NORTH 15°43'30" WEST 450.08 FEET ALONG THE CENTERLINE OF SAID EOLUS AVENUE TO THE INTERSECTION OF THE WESTERLY PROLONGATION OF THE SOUTHERLY LINE OF SAID LOT 3; THENCE
2. NORTH 74°16'30" EAST 25.00 FEET TO THE SOUTHWESTERLY CORNER OF SAID LOT 3 BEING THE TRUE POINT OF BEGINNING; THENCE
3. NORTH 15°43'30" WEST 121.51 FEET; THENCE
4. NORTH 74°16'30" EAST 200.00 FEET; THENCE
5. SOUTH 15°43'30" EAST 121.51 FEET; THENCE
6. SOUTH 74°16'30" WEST 200.00 FEET, TO THE TRUE POINT OF BEGINNING AND CONTAINING 0.558 ACRES OF LAND MORE OR LESS.

FOR ASSESSMENT PURPOSES ONLY. THIS DESCRIPTION OF LAND IS NOT A LEGAL PROPERTY DESCRIPTION AS DEFINED IN THE SUBDIVISION MAP ACT AND MAY NOT BE USED AS THE BASIS FOR AN OFFER FOR SALE OF THE LAND DESCRIBED.

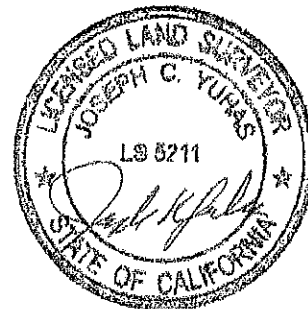
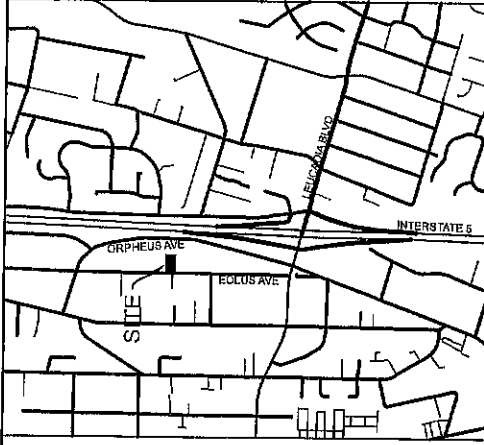
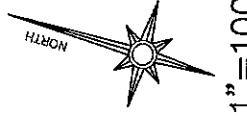
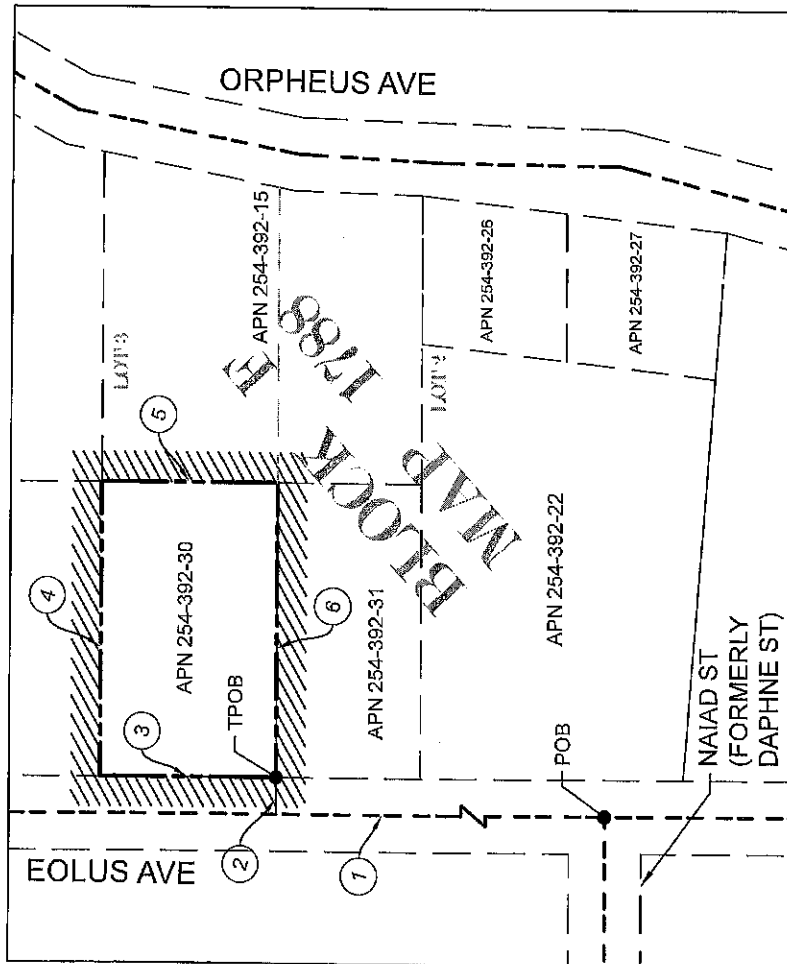


EXHIBIT "B"
LWD SEWER ANNEXATION
EOLUS AVENUE-ORPHAN ANNEXATION

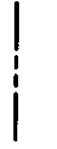


VICINITY MAP
 NOT TO SCALE

LEGEND
 PARCEL "A" METES & BOUNDS ①

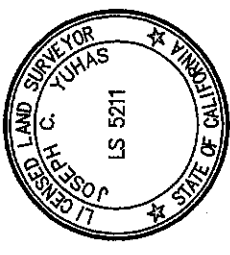


EXISTING LWD BOUNDARY



PARCEL TO BE ANNEXED COURSES

1. NORTH 15°43'30" WEST 450.08'
2. NORTH 74°16'30" EAST 25.00'
3. NORTH 15°43'30" WEST 121.51'
4. NORTH 74°16'30" EAST 200.00'
5. SOUTH 15°43'30" EAST 121.51'
6. SOUTH 74°16'30" WEST 200.00'



ASSESSOR'S PARCEL NUMBER: 254-392-23
 LAFCO RESOLUTION NO: 0.56 AC 1-16-20
 SCALE: 1" = 100'

PASCO LARET SUITER & ASSOCIATES
 LEUCADIA WASTEWATER DISTRICT ANNEXATION
 MAP 1788, PORTION OF LOT 3 IN BLOCK "F"
 OF SOUTH COAST PARK

PLSA 3259

MEMORANDUM

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: **Resolution No. 2323 Updating the Leucadia Wastewater District Sewer Service Lateral Repair Authorization and Reimbursement Policy**

RECOMMENDATION:

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

1. Adopt Resolution No. 2323 updating the Leucadia Wastewater District Sewer Service Lateral Repair Authorization and Reimbursement Policy.
2. Discuss and take other action as appropriate.

DISCUSSION:

In July 2008, the Leucadia Wastewater District (District) Board of Directors adopted the Sewer Service Lateral Repair Authorization and Reimbursement Policy (Policy). This new Policy set forth the rules that govern the District Sewer Service Lateral Repair Reimbursement Program (Lateral Reimbursement Program) for property owners who perform qualified repairs for the sewer service lateral (Sewer Lateral). The Sewer Lateral is the sewer pipeline that extends from the plumbing of a house or business to the public sewer system, including portions that extend into the public right-of-way and the physical connection to the public sewer system.

Per District Ordinance No. 139, a property owner is required to ensure the Sewer Lateral is properly maintained in a free-flowing condition. Sewer Laterals that are poorly maintained have a negative effect on the public sewer system because of an increased potential for sewer spill overflows. A common problem observed in Sewer Laterals is the growth of roots, which have the tendency of entering through either cracked or broken pipe, that can potentially obstruct flow. Additionally, during heavy rain events, the District experiences a significant increase in flow due to Inflow and Infiltration (I&I). Despite the efforts by District staff to continually clean and inspect the public sewer system, the extra flow from the I&I reduces the system capacity and creates the potential for a sewer spill overflow. The expense for Sewer Lateral repairs, however, can be very costly, especially when the repairs are required in the public right-of-way.

The Lateral Reimbursement Program provides District customers financial assistance to maintain compliance with District Ordinance No. 139 and allows participation in a program that reduces sewer spill overflows by focusing on Sewer Lateral repair. Property owners can qualify for reimbursement on eligible repairs for ½ the cost, up to a maximum of \$3,000. The Lateral Reimbursement Program encourages property owners to make proper repairs with licensed plumbers or contractors rather than defer the necessary repairs or employ quick fix solutions. These repairs enhance the performance of the entire public sewer system and prevent environmental damage.

To qualify for the Lateral Reimbursement Program, an applicant must adhere to the following process:

- Pre-Authorization: Applicant submits Sewer Service Lateral Repair Reimbursement Request (Reimbursement Request – see Attachment A) to District
- Visual verification of repairs by District staff
- District collects plumber/contractor verification of repair and confirmation of full payment by applicant to plumber/contractor
- District processes Reimbursement Request for General Manager approval
- Upon General Manager approval, District provides applicant reimbursement check

Since the implementation of the Lateral Reimbursement Program over 11 years ago, the District has processed nearly 200 applications that total over \$400K in reimbursements.

District Staff has worked closely with District Counsel to update this Policy, including an updated Reimbursement Request that will be available on the District's website in a PDF fillable form.

Therefore, District staff requests the Board adopt Resolution No. 2323 updating LWD's Sewer Service Lateral Repair Authorization and Reimbursement Policy. This resolution will supersede Resolution No. 2194.

FISCAL IMPACT:

The District will continue to budget \$100,000 annually, or at the discretion of the Board, to fund the Lateral Reimbursement Program. Reimbursements will be made to this limit, but will not exceed this appropriation.

ier:PJB

Attachment

RESOLUTION NO. 2323

**A RESOLUTION OF THE BOARD OF DIRECTORS OF
THE LEUCADIA WASTEWATER DISTRICT
ADOPTING THE UPDATED SEWER SERVICE LATERAL REPAIR
AUTHORIZATION AND REIMBURSEMENT POLICY**

WHEREAS, The Leucadia Wastewater District (LWD) Board of Directors adopted a Private Lateral Repair Authorization and Reimbursement Policy on July 9, 2008; and,

WHEREAS, LWD owns and operates public sewer facilities for the benefit of its customers and general public; and

WHEREAS, LWD is required to implement regulations, programs and other activities to prevent sewer spill overflows; and

WHEREAS, privately owned sewer service laterals that are not properly maintained create risk of sewer spill overflows and harm to public sewer facilities; and

WHEREAS, the Board of Directors of LWD (Board) previously appropriated funding to partially reimburse property owners for the cost of repairing private sewer service laterals (Reimbursement Funds); and

WHEREAS, the attached Sewer Service Lateral Repair Authorization and Reimbursement Policy updates and clarifies the rules necessary to implement a reimbursement program,

NOW, THEREFORE, it is hereby resolved as follows:

1. The LWD Board of Directors adopts the revised Sewer Service Lateral Repair Authorization and Reimbursement Policy and authorizes the General Manager to take all actions necessary to carry out its provisions; and
2. The Board of Directors' authorization is limited to expenditure of Reimbursement Funds it has approved and appropriated; and,
3. This Resolution supersedes Resolution No. 2194.

PASSED AND ADOPTED at a meeting of the Board of Directors of the Leucadia Wastewater District held February 12, 2020 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Allan Juliussen, President

ATTEST:

Paul J. Bushee, Secretary/Manager

(SEAL)

LEUCADIA WASTEWATER DISTRICT
SEWER SERVICE LATERAL REPAIR AUTHORIZATION
AND REIMBURSEMENT POLICY

Ref: 20-6917

1. Purpose

This policy sets forth the rules governing the Leucadia Wastewater District's (District) reimbursement program for qualified sewer service lateral (Sewer Lateral) repairs.

2. Overview

- a. Public Health and Environmental regulations specifically prohibit sanitary sewer overflows (SSO's) and require agencies that own and operate Public Sewer Systems to proactively implement programs and other activities that prevent SSO's.
- b. A Sewer Lateral is the sewer pipeline that extends from the plumbing of a building to the Public Sewer System, including portions that extend across other properties and/or public rights-of-way and the saddle, wye, or other physical connection to the Public Sewer System. It is the responsibility of the property and/or building owner to maintain the Sewer Lateral in a free flowing, obstruction free, and water-tight condition.
- c. Sewer Laterals that convey sewage to the Public Sewer System represent a significant percentage of a community's overall sewer infrastructure. In order to achieve the District's goal of preventing SSO's, it is important to ensure Sewer Laterals are properly maintained.
- d. Infiltration and Inflow from Sewer Laterals, especially those constructed from vitrified clay pipe segments, often account for more than half of the total stormwater and groundwater conveyed by the Public Sewer System. This excess water, which takes up capacity in both the Public Sewer System and at the wastewater treatment plant, has the potential to cause SSO's. Additionally, obstructions (such as plant roots which may grow into the Public Sewer System from a lateral) can damage and obstruct the sewer collection system, potentially causing a SSO.
- e. This policy is intended to increase both Public Sewer System reliability and public awareness for the proper maintenance and repair of Sewer Laterals by providing funds to help ensure that defective or broken Sewer Laterals are repaired in a timely manner by licensed plumbers or contractors.

3. Qualified Sewer Lateral Repairs

- a. Reimbursement is authorized for the following Sewer Lateral work:
 - i. Repair or replacement of a Sewer Lateral.
 - ii. Installation of a Sewer Lateral liner and/or top hat.
 - iii. Installation or replacement of an authorized backwater valve.
- b. Reimbursement is not authorized for the following work:

- i. Any work on the portion of the Sewer Lateral that is located within, or underneath, the building.
- ii. Installation of a new Sewer Lateral for a remodel, new construction or first-time connection to the Public Sewer System.
- iii. General maintenance, such as cleaning or inspections, not being done as part of an authorized repair.

4. Assistance Coverage and Limits

- a. District will provide reimbursement for up to ½ the cost of the qualified Sewer Lateral repairs, up to a maximum of \$3,000. Reasonable expenses shall include labor and materials.
- b. Reimbursements are on a first come, first serve, basis and approvals are solely at the discretion of the District's General Manager who shall consider the spirit and intent of this policy. The General Manager's determination of eligibility is final and binding.
- c. Reimbursement for qualified Sewer Lateral repairs shall only be made when/if appropriated funds from an approved District budget are available and pending final approval within 60 days of the Request.
- d. Reimbursement Requests that are not pre-authorized are presumptively not qualified for reimbursement but may be approved if the General Manager finds that the failure to obtain pre-authorization was reasonable given the facts and circumstances of the particular repair work.

5. Program Application Procedure

- a. The applicant must complete the following items in order to receive the reserved funds:
 - i. Pre-Authorization. Provide the District a completed Reimbursement Request (Attachment A - application) and a cost estimate from a licensed plumber or contractor before any work is performed. The District recommends to solicit for three (3) estimates to ensure costs are reasonable. The General Manager or his/her designee shall ensure application is complete, the work is eligible under the program and appropriated funds are available prior to pre-authorization.
 - ii. Once pre-authorized, the property owner may proceed with work and agrees to provide District staff 48 hours-notice so the site inspection may be scheduled. This step satisfies the requirement of the *Visual Verification by District Staff* (page 4 of application). For any dig and replace work, District staff is required to take photos of the repair prior to the backfill of the excavation(s).
 - iii. Once Sewer Lateral repair work is completed, the applicant provides the District:
 1. A completed *Certification from Licensed Plumber or Contractor* (page 4 of application).
 2. A final paid in full invoice.
 3. If applicable, a post repair video inspection for any liner or top hat work.
- b. Once necessary items are collected above, the District shall prepare the *Approval Form* (Page 5 of application) and the appropriate reimbursement in accordance with the limits defined above. The reimbursement may be adjusted as necessary to reflect actual eligible costs after all work is completed. A property owner is typically reimbursed 2 weeks after final approval.

Attachment A



LEUCADIA
WASTEWATER
DISTRICT

LEADERS IN
ENVIRONMENTAL
PROTECTION

SEWER SERVICE LATERAL REPAIR REIMBURSEMENT REQUEST

Page 1 of 5

APPLICANT INFORMATION

Property Owner

Tenant

Property Manager/Agent/Other

Phone: () _____ Alternate Phone: () _____

Home Cell Office

Name: _____

Address: _____

PROPERTY OWNER INFORMATION

***Please Note: Only complete this section if property owner is different from the applicant listed above.*

Phone: () _____ Alternate Phone: () _____

Home Cell Office

Name: _____

Address: _____

SEWER LATERAL REPAIR INFORMATION

Address of Repair: _____

Accessor's Parcel Number: _____

Repair Details: _____

Will a Backflow Device be installed? Yes: No:

(Backflow devices can protect the home from sewage coming back into their homes from the mainline, but generally require more frequent routine service)

Estimate of Total Cost for Repair: \$ _____

Estimate of Total Reimbursement Amount Requested (Maximum of \$3,000): \$ _____

LEUCADIA WASTEWATER DISTRICT SEWER SERVICE LATERAL REPAIR REIMBURSEMENT REQUEST

Page 2 of 5

Property Owner/Tenant/Agent Initials: _____

Property Owner/Tenant/Agent acknowledge and agree to the following:

1. The sewer service lateral (Sewer Lateral) is that part of the sewer pipeline that extends from the plumbing of a building to the Leucadia Wastewater District (District) Public Sewer System, which is generally located in a public street or public sewer easement. The Sewer Lateral includes the physical connection (saddle, wye, etc.) to the Public Sewer System. The applicant is responsible for the construction and maintenance, at the applicant's expense, of the building sewer and the Sewer Lateral.
2. The District is providing a public service to assist in the prevention of sewer spill overflows by participating in the Sewer Service Lateral Repair Reimbursement Program (Program) to allow reimbursement to private parties for Sewer Lateral repairs completed by a licensed plumber or contractor. This Program will enhance the performance of the entire Public Sewer System and prevent environmental damage, while assisting District customers to meet their sewer obligations. **District will provide reimbursement for up to ½ of the repair costs, up to a maximum of \$3,000.**
3. To qualify for reimbursement, the work must be performed by a licensed plumber or contractor and verified by District staff using page 4 of this request within 60 days of submittal. An on-site verification must be scheduled by Applicant with District Staff to occur while work is in progress. The District is not inspecting the design or quality of the work and is not liable for defects. The District makes no guarantees regarding the quality of the work of the plumber, contractor or property owner.
4. Applicant will obtain any necessary Federal, State or local permits including any building or right of way permits, and will comply with all Federal, State or local laws.
5. Applicant will maintain Sewer Lateral and building sewer lines in proper working order at all times. Applicant will notify the District if any emergency occurs during Sewer Lateral repair work.
6. Applicant shall bear the entire repair costs of any and all public or public utility property damaged or destroyed by reason of any Sewer Lateral repair work done.
7. Reimbursement of funds is available on a first come, first serve basis, and Applicant will only receive reimbursement if funds are available, regardless of whether the work qualifies for such reimbursement.
8. Disbursement of the funds, to the extent that they are available, is solely at the discretion of the General Manager, who shall consider the spirit and intent of the Program as expressed by the District Board. The General Manager shall determine whether the Sewer Lateral repair work qualifies for reimbursement under the Program, and that determination is final and binding.
9. Applicant agrees to be solely responsible for the Sewer Lateral repair work for which funding is requested and to indemnify and hold the District harmless from any damages or claims arising from the work.

**LEUCADIA WASTEWATER DISTRICT
SEWER SERVICE LATERAL REPAIR REIMBURSEMENT REQUEST**

Page 3 of 5

PROPERTY OWNER/TENANT/AGENT CERTIFICATION

I certify that the information on this request is true and correct and that I have read and agreed to all of the above statements. If signed by tenant/agent, tenant/agent certifies that the property owner provided authority to sign on behalf of the property owner:

Signature of Property Owner/Tenant/Agent: _____

Date of Request: _____

PRE-AUTHORIZATION

The Application for Reimbursement set forth above is pre-approved. The District has reserved funds sufficient to pay for this request, pending completion of the Sewer Lateral repair work and submittal of all other items required by the District and completion of the Certification and Verification within 60 days of the date entered below. Please note that the final approval of the reimbursement request cannot be completed, and the funds cannot be released, until applicable items are submitted to the District.

District Employee: _____ **Date:** _____

**LEUCADIA WASTEWATER DISTRICT
SEWER SERVICE LATERAL REPAIR REIMBURSEMENT REQUEST**

Page 4 of 5

CERTIFICATION AND VERIFICATION

Applicant Name: _____

Development Project Address: _____

Development Project APN: _____

Total Repair Costs as indicated on attached estimate: \$ _____

Total Amount of Reimbursement Requested: \$ _____

VISUAL VERIFICATION BY DISTRICT STAFF

I have viewed the Sewer Lateral repair work to confirm that the work was done and that the work qualifies for reimbursement under the District's Sewer Service Lateral Repair Reimbursement Program.

District Employee: _____

Date: _____

CERTIFICATION FROM LICENSED PLUMBER OR CONTRACTOR

I certify that I have completed the Sewer Lateral repair work at the following address:
_____. I also certify that I am a licensed plumber or contractor, that I am familiar with the standard specifications of Leucadia Wastewater District, and that all work met the specifications of the District.

Date work completed: _____

Invoice Number: _____

Total Cost of Repair: _____

Signature of Plumber/Contractor: _____ Date: _____

Plumber's/Contractor's License Number: _____

**LEUCADIA WASTEWATER DISTRICT
SEWER SERVICE LATERAL REPAIR REIMBURSEMENT REQUEST**

Page 5 of 5

APPROVAL

	Initials	Date
Reimbursement Request Received	_____	_____
Cert. from Plumber/Contractor Received	_____	_____
Final PAID Invoice Received	_____	_____
Post Liner Inspection Received (if applicable)	_____	_____
 District Verification that Work Qualifies under Program	_____	_____
 Applicant Name: _____		
 Amount Approved for Reimbursement: \$ _____		
 Check Issued on: _____		
By: <u>District General Manager</u>	Signature: _____	
	Date: _____	

REIMBURSEMENT ACCEPTANCE:

I certify that I have received the check listed above, as reimbursement under the Leucadia Wastewater District Sewer Service Lateral Repair Reimbursement Program. If signed by Agent, Agent also certifies authority to sign on behalf of the property owner:

Signature of Property Owner/Tenant/Agent: _____

Date: _____

MEMORANDUM

Date: January 30, 2020
To: Engineering Committee
From: Paul J. Bushee, General Manager 
SUBJECT: **Vehicle Purchases to Replace One (1) 2014 Pickup Truck and One (1) 2002 Mark Out Van**

RECOMMENDATION:

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

1. Authorize the General Manager to execute a Purchase Order with Encinitas Ford in the amount of \$104,998.07 for the purchase of one (1) 2020 Ford Pickup Truck (¾ ton) and one (1) 2020 Ford (½ ton) Pickup Truck to replace two similarly equipped District trucks.
2. Discuss and take other action, as appropriate.

DISCUSSION:***Tactical Goal: Services / Purchases ¾ Ton and ½ Ton Pickup Trucks***

The Leucadia Wastewater District (District) maintains a fleet of 14 vehicles used in the operation and maintenance of its Collection System. To properly manage the vehicle fleet, staff has developed written guidelines for the systematic and prudent replacement of District vehicles.

The On-Call Truck is a 2014 model year pick up, is 6 years old, and has 113,067 miles. Additionally, the Mark-Out Van is a 2002 model van, is 18 years old, and has 78,777 miles. Both vehicles have reached their useful life. In accordance with the District's vehicle replacement guidelines, both vehicles meet or exceed the replacement criteria; either 5 years old and 60,000 miles or 7 years old and any miles. It is important to note that the District will auction off both the 2014 On-Call Truck and the 2002 Mark-Out Van rather than trading them into the dealer to maximize their residual value.

The key reasons for the replacing the 2014 On-call Truck and the 2002 Mark-Out Van are as follows:

- Diminished reliability of the current vehicles.
- The ½ ton Mark-Out Truck will be a multiple use vehicle that can be used by Field Service Staff when it is not being used for its primary function of supporting mark-outs.

Staff solicited sealed bids for a 2020 ¾ ton diesel Pickup Truck and a 2020 ½ ton gasoline Pickup Truck from all ten San Diego County Ford dealerships along with advertising the Notice Inviting Bids in the San Diego Union Tribune. The bids were due on January 27, 2020. Only one bid was received as follows:

1. Encinitas Ford \$104,998.07

Staff reviewed the bid and all required specifications have been met. Therefore, staff determined that Encinitas Ford is the lowest responsive bidder and recommends authorizing the General Manager to execute a purchase order with Encinitas Ford in the amount of \$104,998.07 for the purchase of one (1) 2020 ¾ ton Ford Pickup Truck and (1) 2020 ½ ton Ford Pickup Truck.

FISCAL IMPACT:

The bid award price came in at approximately \$9,000 over the line item amounts in the FY20 Capital Acquisitions Budget. There are sufficient funds in the Capital Acquisitions Budget to absorb the additional \$9,000 due to savings in the HVAC Rehabilitation component of the budget.

jms:PJB

MEMORANDUM

Ref: 20-7039

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager
SUBJECT: Contract Award for the District's Leucadia Pump Station Rehabilitation Project

RECOMMENDATION:

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

- 1. Authorize the General Manager to execute an Agreement with Stanek Constructors, Inc for the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$3,551,500 as the lowest responsive and responsible bidder.
2. Discuss and take other action as appropriate.

DISCUSSION:

Tactical Goal: Infrastructure and Technology / Leucadia Pump Station Rehabilitation

In April 2018, the Board received and filed the Preliminary Design Report for the Leucadia Pump Station Rehabilitation Project (Project) completed by Infrastructure Engineering Corporation (IEC). Immediately thereafter, the Board authorized the commencement of the design phase. During design, the project transformed from a minor to a major pump station rehabilitation project. This major rehabilitation project will:

- > Install five new dry pit submersible pumps
> Replace the check valves and associated piping
> Replace the 24" discharge header
> Install a submersible pump in the Emergency Basin
> Install a super-oxygenation odor/corrosion control system

IEC completed project design in November 2019. The project was bid on November 11, 2019 with bids due on January 16, 2020. Seven (7) bids were received with the following results:

Table with 2 columns: Construction Firm, Bid Price. Rows include HPS Mechanical (\$3,442,500), Stanek Constructors (\$3,551,500), JR Filanc (\$3,651,605), SCW Contracting (\$3,744,500), Pacific Hydrotech (\$3,784,382), Ahrens Mechanical (\$3,866,500), and Metro Builders (\$3,992,784).

The bids were reviewed by Preston Lewis at IEC. The bid submitted by HPS Mechanical, Inc. (HPS), the lowest bidder, did not meet the minimum experience requirements for the project. The minimum experience was three (3) wastewater pump station projects or projects of similar scope and complexity in the past (5) five years; 100% flow bypassing with no spills; and submission of the Project Manager's resume. HPS submitted one (1) project that met the criteria and did not submit a Project Manager resume. The second lowest bidder, Stanek Constructors, Inc (Stanek), submitted four (4) projects that satisfied the minimum experience requirements and submitted resumes for four project managers. The bid documents clearly stated the project manager and experience requirements, and all other bidders submitted the required information in their original bid documents. The omissions concern important bid requirements that were not minor or inconsequential such that they could be waived by the District. Staff has consistently applied this standard on all bids for projects.

Stanek's bid is \$109K higher than HPS's bid. Both bids were under the \$3.7M Engineer's Cost Estimate for construction. Upon completion of IEC's review, it was recommended that Stanek be awarded the contract as the lowest responsive and responsible bidder, see attached letter.

HPS was notified of staff's intent to recommend that Stanek be awarded the contract as the lowest responsive and responsible bidder. Subsequently, staff received a written protest from HPS of their bid rejection, attached, seeking relief and requesting that HPS be awarded the Project. In the letter, HPS did provide additional project references and a Project Manager resume. However, it does not nullify the fact that the documents were not included in HPS's original bid. The fact that the information was submitted after the District notified HPS of the discrepancy does not make HPS's original bid documents responsive.

Stanek's bid price of \$3,551,500 is approximately \$48,500 (1.36%) less than the estimated construction cost. Therefore, Staff recommends that the Board of Directors award the contract to Stanek Constructors, Inc. as the lowest responsive and responsible bidder.

FISCAL IMPACT:

Funds totaling \$2.4 million were appropriated in the Fiscal Year (FY) 2019 and 2020 budgets for project construction. This appropriation is sufficient to commence project construction. However, the transformation of the project from a minor to a major rehabilitation of the pump station resulted in a cost escalation for construction. Therefore, staff will be requesting an additional appropriation in the FY 2021 Budget of \$1.56 million to cover the bid price for construction and a 10% contingency.

rym:PJB


Attachments



BID REVIEW MEMORANDUM

Date: January 23, 2020

Subject: **Leucadia Pump Station Rehabilitation Project – Bid Review of Apparent Second Low Bidder**

Prepared By: Preston Lewis, P.E. 

PURPOSE

This memorandum provides a summary of our evaluation of bid results and a review of the responsiveness of the apparent second low bidder for the subject project. The apparent low bidder was deemed not responsive and was disqualified.

BID RESULTS

Seven bids were received and opened on January 16th, 2020. The bids are summarized in the attached Bid summary and characteristics of the bids are as follows:

<u>Low Bid</u>	<u>High Bid</u>	<u>Average Bid</u>	<u>Engineers Estimate</u>
\$3,442,500	\$3,992,784	\$3,717,681	\$3,700,000

REVIEW OF THE APPARENT SECOND LOW BIDDER

Stanek Constructors, Inc. is the apparent second low bidder and is recommended for award of Contract. The Bid Review is as follows:

Contractor’s License: The Contractor holds the required Class A License (No. 869424). The license is current and active.

Bid Bond: A bid bond in the amount of ten percent (10%) of the bid amount was submitted with Federal Insurance Company has an A.M. Best Financial Strength Rating of A++ (superior xv)

Signatures: George Foote, President, signed the Closing Statement, Bidder’s Bond, Non-Collusion Affidavit, California All-Purpose Acknowledgement, and Local Preference Certification.

Project Manager’s Experience: The Contractor submitted (4) Project Manager resumes but, did not indicate who would be assigned to the project. All of the resumes submitted indicate appropriate qualifying experience to manage the subject project.

Worker’s Compensation Insurance: Policy # WC582209906 10/1/2019 to 11/1/2020



References:

- 1) Agency: County Sanitation District of Los Angeles County
Project: Whittier Narrows WRP Secondary Treatment Facilities Modifications
Bid Amount: \$8,800,000
Final Contract Amount: \$9,313,836
Construction Duration: 420 Calendar Days
Date of Substantial Completion: August 26, 2010

Spoke with Jenny Hsu, who said that it had been over 10 years since she had worked with them on the referenced project. Her recollection was that they did an ok job. The main problem she had with them was with Stanek's Field Superintendent who was eventually replaced before the end of the job.

The Project is not a lift station and it is over 10 years old, therefore it does not satisfy the Bid Documents as qualifying project experience. However, it does indicate the project exceeded the Hp experience requirement listed in the Bid Documents

-
- 2) Agency: Orange County Sanitation District
Project: Project J-109 Cengen Cooling Water System Replacement
Bid Amount: \$5,618,000
Final Contract Amount: \$5,914,192
Construction Duration: 515 Working Days
Date of Substantial Completion: November 22, 2013

Spoke with Victoria Chekov who provided a positive reference. She felt the experience was satisfactory, Stanek was very responsive, and easy to deal with on change orders.

The project does not meet the technical definition of a sewer lift station and it is approximately 6 years old. However, it does meet the 500 Hp and wastewater bypass flow requirements indicated in the Bid Documents.

-
- 3) Agency: City of Santa Barbara
Project: Headworks Screening Replacement at El Estero WWTP
Bid Amount: \$3,910,000
Final Contract Amount: \$4,729,550
Construction Duration: 655 Calendar Days
Date of Substantial Completion: June 27, 2013

I spoke with Amanda Fleese, said that Stanek did a good job for them. She mentioned that a major part of the project was by-passing the entire plant flow which went well.



The project is 6 years old and is a wastewater treatment plant improvements project. The project does meet the bypass flow requirements indicated in the Bid Documents.

4)	Agency:	City of Oceanside, Water Utilities Department
	Project:	San Luis Rey Water Reclamation Facility Major Upgrades
	Bid Amount:	\$1,460,000
	Final Contract Amount:	\$1,599,166
	Construction Duration:	308 Calendar Days
	Date of Substantial Completion:	December 16, 2015

Spoke with Amy Czajkowski, IEC. Amy said the project had a major by-pass component and there were no reported spills. The project involved a lot of rehabilitation work and overall the project went well. Amy felt that Stanek was fair and met the expectations of the contract. She appreciated that George Foote took ownership of the project and took care of any issues that came up during construction.

The project is a recent water reclamation plant improvements project. It does not meet the qualifying project type experience criteria, but it does meet the bypass flow requirements indicated in the Bid Documents.

5)	Agency:	City of Santa Barbara
	Project:	El Estero Wastewater Treatment Plant Secondary Treatment Process Improvements
	Bid Amount:	\$21,710,000
	Final Contract Amount:	\$25,168,885
	Construction Duration:	565 Calendar Days
	Date of Substantial Completion:	December 26, 2018

Spoke with the CM for the project from MNS Engineering. There were high change orders on the project, but the majority were owner initiated. Contractor initiated change orders were less than 5%. Stanek was described as very good, cooperative, on schedule, and met the expectations of the contract. Stanek took care of warranty issues after the completion of the project.

This was a large and recently completed wastewater treatment plant improvements project. It does not meet the qualifying project type experience criteria, but it does meet the bypass flow requirements indicated in the Bid Documents.

6)	Agency:	City of Aurora
	Project:	Prologis Lift Station Improvements
	Bid Amount:	\$1,051,000
	Final Contract Amount:	\$1,103,550
	Construction Duration:	177 Calendar Days
	Date of Substantial Completion:	April 5, 2017



Spoke with James DeHerrera 303-739-7296. James gave Stanek a favorable reference and complimented them on the quality of their work and very good communication.

This was a new and recently constructed sewer lift station that would the Lift Station experience and the sewer bypass flow requirements indicated in the Bid Documents

7)	Agency:	Pueblo West Metropolitan District
	Project:	States Avenue Lift Station
	Bid Amount:	\$1,645,000
	Final Contract Amount:	\$1,684,165
	Construction Duration:	296 Calendar Days
	Date of Substantial Completion:	November 8, 2019

Spoke with Jeffery DeHerrera who worked with Stanek on the recently competed referenced project. Jeffery spoke highly of Stanek and the project had minimal change orders. The project was a new 5 mgd lift station. The District has recently awarded additional projects to Stanek.

This was a new and recently constructed sewer lift station that would meet the Lift Station experience requirements indicated in the Bid Documents.

Registration with the Department of Industrial Relations (DIR):

Contractors and their subcontractors are required to be registered with the DIR prior to bidding a public works project.

Contractor/Sub Contractor Legal Name	Registration Number	Registration Date	Expiration Date
Stanek Constructors	1000000499	7/1/2019	6/30/2022
Southern Counties Quality Masonry	1000008191	7/1/2019	6/30/2021
Amber Steel	1000000630	7/1/2019	6/30/2021
TWC	1000048887	7/1/2019	6/30/2020
National Coating & Lining	1000013795	7/1/2019	6/30/2021
Southern Contracting	1000002172	7/1/2019	6/30/2022

Source: <https://efiling.dir.ca.gov/PWCR/Search>

Bid Item/Cost Review: Stanek's bid is 1.36% less than the Engineer's Estimate and 3.12% more than the lowest bidder, HPS Mechanical. Mobilization is 3.8% of the contract amount well within the contract limit of 5%. The review of the individual bid items generally lines up with the other bidders and there is no obvious evidence of weighting the bid.



Claims Filed: Stanek answered No to Item 8 in Experience Data, regarding claims filed within the past 5 years.

Addenda: Stanek acknowledges receipt of Addendum's 1-6

APPROACH TO WORK: Stanek submitted an approach that appears reasonable and appropriate for the project.

SUMMARY: Irregularities noted in their bid include:

- Although several resumes were submitted, the PM was not designated. However, all of the resumes submitted indicated adequate and appropriate experience. This irregularity is deemed minor and can be clarified with the Contractor on who the intended PM is.
- Stanek submitted 7 project references. They appear to meet the sewer by-pass experience with no record of spills. However, they have only completed (2) similar pump station projects in the past (5) years. However, within the past 5 years they have completed substantial WWTP and Lift Station rehabilitation work including projects in excess of 500 Hp that would provide them with the necessary experience and qualifications for the Leucadia Pump Station Rehabilitation Project.

RECOMMENDATION: Stanek received favorable and satisfactory references for all of the 7 project qualifications they submitted. Technically, they did not strictly meet the (3) Lift Station projects with one having a minimum of 500 Hp in the past five years requirement (none of the three lowest bidders meet this threshold), however, they have completed two lift stations in the past five years and additional qualifications include significant wastewater treatment plant and lift station construction experience. They do meet the (3) sewer bypass projects without incident of a spill requirement. They also submitted resumes of four different project managers that all possess satisfactory construction PM experience.

For all of the above reasons, we recommend that the District award the Leucadia Pump Station Rehabilitation Project to Stanek Constructors, Inc.

Attachments
Table 1 – Bid Summary

LEUCADIA PUMP STATION REHABILITATION PROJECT

BID ITEM	BID DESCRIPTION	HPS	STANEK	FILANC	ENGINEER EST	SCW	PACIFIC HYDRO	AHREN'S MECH	METRO BUILDERS
1	Mobilization, Bonds, Permits, Cleanup and Demobilization	115,000.00	135,000.00	146,042.00		135,000.00	150,000.00	144,000.00	496,875.00
2	Demolition	324,000.00	170,000.00	193,475.00		227,000.00	142,549.00	199,000.00	66,175.00
3	Contractors Portable By-Pass Pump Station	142,000.00	183,000.00	135,602.00		170,000.00	284,881.00	201,000.00	364,650.00
4	Emergency Overflow Basin Permanent & Temporary Pumps	230,000.00	80,000.00	93,862.00		52,000.00	96,696.00	82,000.00	88,750.00
5	Emergency Overflow Basin Pump and Temporary By-Pass Pump Mechanical & Piping Installation	245,000.00	125,000.00	122,150.00		75,000.00	143,318.00	201,000.00	72,045.00
6	Pump Room Pumps Mechanical & Piping	473,000.00	650,000.00	534,042.00		642,000.00	808,013.00	622,000.00	752,200.00
7	Spare Jockey Pump	42,000.00	14,000.00	16,791.00		12,000.00	14,946.00	14,000.00	12,688.00
8	Wet Well Mechanical & Piping	275,000.00	100,000.00	72,968.00		95,000.00	87,364.00	90,000.00	156,625.00
9	Valve Vault Mechanical	48,000.00	35,000.00	18,640.00		28,000.00	32,461.00	52,000.00	60,325.00
10	Surge Tank Mechanical & Piping	54,000.00	100,000.00	44,147.00		85,000.00	63,611.00	106,000.00	89,353.00
11	Flow Meter Vault Mechanical & Piping	47,000.00	60,000.00	81,711.00		93,000.00	92,246.00	98,000.00	55,935.00
12	Odor Control System Installation & Associated Improvements	38,000.00	225,000.00	276,871.00		325,000.00	224,828.00	166,000.00	202,981.00
13	Manufacturer Supplied Liquid Oxygen Odor Control Unit	371,500.00	371,500.00	371,500.00		371,500.00	371,500.00	371,500.00	371,500.00
14	Emergency Force Main & Connections	95,000.00	150,000.00	180,020.00		200,000.00	231,071.00	88,000.00	49,480.00
15	Structural Modifications & Improvements	145,000.00	250,000.00	110,128.00		147,000.00	222,822.00	218,000.00	79,400.00
16	Civil Site Improvements	178,000.00	150,000.00	310,801.00		124,000.00	117,885.00	384,000.00	102,121.00
17	Miscellaneous Building Improvements & Exterior Building Painting	190,000.00	150,000.00	232,141.00		200,000.00	112,197.00	155,000.00	172,500.00
18	Electrical & Instrumentation	323,000.00	554,000.00	580,000.00		650,000.00	513,705.00	593,000.00	689,600.00
19	PLC Modifications and Programming	24,000.00	24,000.00	24,000.00		24,000.00	24,000.00	24,000.00	24,000.00
20	Start up and Testing	17,000.00	10,000.00	43,402.00		27,000.00	15,346.00	29,000.00	31,250.00
21	Site Restoration & Clean up	64,000.00	15,000.00	63,312.00		10,000.00	34,943.00	29,000.00	43,750.00
TOTAL SHOWN IN BID		3,442,500.00	3,551,500.00	3,651,605.00		3,692,500.00	3,784,382.00	3,866,500.00	3,982,203.00
MATHEMATICAL TOTAL		3,442,500.00	3,551,500.00	3,651,605.00	3,700,000.00	3,744,500.00	3,784,382.00	3,866,500.00	3,992,784.00



Via E-Mail and GSO Overnight

January 24, 2020

Mr. Paul J. Bushee
General Manager
Leucadia Wastewater District
1960 La Costa Avenue
Carlsbad, CA 92009

Subject: Leucadia Pump Station Rehabilitation Project – Notice of Protest

Dear Mr. Bushee,

I am writing to Protest the Notice of Bid Rejection. We seek relief from the Bid Rejection dated January 23, 2020 and respectfully request that the project be awarded to HPS Mechanical, Inc. In following Specification IFB-25 we have attached the following documents:

1. Documents supporting the basis of the protest.
 - a. HPS Mechanical, Inc. has extensive experience with these types of projects, and our bypass consultants augment this experience. I have attached additional projects HPS has completed in the last 5 years, as well as additional experience of the bypass company.
 - b. A copy of my resume, due to the fact I will be the project manager on this project.
 - c. A bond equal to 25% of the successful bid.

We are ready to commit the resources and effort to make this a successful project for all parties involved. If there are any other questions that you may have, or if you wish to meet please just let me know.

Sincerely,

A handwritten signature in blue ink that reads 'Les DenHerder'. The signature is stylized and cursive.

Les DenHerder



Project Name: Sanitary Sewer Pump Station Repairs

Owner: City of Fontana

Construction Bid Cost: \$ 1,160,450.00

Final Construction Cost: \$ 1,342,589.00

Construction Time: 200w/d Calendar Days

Owner's Representative: Todd Heagstedt, theagste@fontana.org

Owner's Representative Telephone No.: (909) 350-6696

On-Site Construction Manager: Ben Schick, bshick@swwsv.com/Schaaf and Wheeler

On-Site Construction Manager's Telephone No.: (707) 566-4491

Date of Substantial Completion: January 2015

Did project include rehabilitation/construction of a wastewater pump station?

Yes No

Capacity of station: Combined 830 GPM

Type of pumps installed: Submersible Pumps

Did contractor bypass 100% of the existing wastewater with no incident of spills?

Yes No

Project Name: Lift Station No. 1 and Force Main Improvements

Owner: North of River Sanitary District

Construction Bid Cost: \$ 1,568,870.00

Final Construction Cost: \$ 1,723,289.43

Construction Time: 245 Calendar Days

Owner's Representative: LaRue Griffith at North of The River Sanitary District

Owner's Representative Telephone No.: (661) 399-6411

On-Site Construction Manager: Jeane Hill, jhill@ppeng.com/Provost & Pritchard Consulting Group

On-Site Construction Manager's Telephone No.: (661) 616-5900

Date of Substantial Completion: September 2016

Did project include rehabilitation/construction of a wastewater lift station?

Yes No

Capacity of station: 1,200 GPM

Type of pumps installed: Submersible Wastewater Pumps

Did contractor bypass 100% of the existing wastewater with no incident of spills?

Yes No

Project Name: BVARA WWTP Rehabilitation Phase 3

Owner: County of Kern

Construction Bid Cost: \$ 567,700.00

Final Construction Cost: \$ 624,288.00

Construction Time: 180w/d Calendar Days

Owner's Representative: Kim Domingo, domingok@co.kern.ca.us

Owner's Representative Telephone No.: (661) 868-3020

On-Site Construction Manager: _____

On-Site Construction Manager's Telephone No.: _____

Date of Substantial Completion: August 2015

Did project include rehabilitation/construction of a wastewater pump station?

Yes No

Capacity of station: 100 GPM

Type of pumps installed: Centrifugal Submersible

Did contractor bypass 100% of the existing wastewater with no incident of spills?

Yes No

Project Name: Wastewater Pump Station Reconstruction

Owner: Stallion Springs Community Service

Construction Bid Cost: \$ 640,330.00

Final Construction Cost: \$ 563,687.00

Construction Time: 250 Calendar Days

Owner's Representative: David Aranda

Owner's Representative Telephone No.: (661) 822-3268

On-Site Construction Manager: Terry Schroefer, tschroefer@W3ieng.com

On-Site Construction Manager's Telephone No.: (661) 319-3648

Date of Substantial Completion: October 2019

Did project include rehabilitation/construction of a wastewater pump station?

Yes No

Capacity of station: 300 GPM

Type of pumps installed: Submersible Non-Clog

Did contractor bypass 100% of the existing wastewater with no incident of spills?

Yes No

Herc Rentals – Pro Solutions Sewage Bypass Reference List

As of October 2018

Date	Customer	Project	Equipment	Description
8/15/19	PPC Construction Inc.	LA County Sanitation Dept. – Marina Pumping Plant #3 WBMWD – Phase III	(3) 12" Sound Attenuated Pumps, 12" Victaulic Piping, Manifolds, Auto Dialer	Peak Flow: 5,000 GPM
8/5/19	Pacific Hydrotech Corp.	Microfiltration Clearwell Rehabilitation (Edward C. Little Plant)	(2) 8" Sound Attenuated Pumps, 12" Victaulic Piping, Flex Hose, Manifold	Peak Flow: 4,000 GPM
10/22/18	Pyramid Building and Engineering	Port of Long Beach – Sewer lift station bypass 106	(2)4" Pumps, Suction hose, Manifolds, Auto Dialer, hose, 8" Victaulic pipe	Peak Flow: .82 MGD
7/24/18	HPS Mechanical	Fresno State Student Union Bypass	(2)6" Pumps, Suction Hose, Discharge Hose, Manifold, Auto Dialer, 640' x 4" HDPE	Peak Flow: 2.16 MGP
7/18/18	SW Construction	Office Park Drive Lateral Well Bypass	(1)4" Pump, Suction Hose and Discharge Hose	Peak Flow: 250,000 GPD
7/17/18	SW Construction	Office Park Drive Sewer Bypass	(1)6" Chopper Pump, (1) 4" Pump, Surveillance Cameras	Peak Flow: 360,000 GPD
7/3/18	GSE Construction	White Lane and BV Bypass Phase 2	(1)8" Pump, (1) 6" Pump, (1) 6" Chopper Pump, Manifold, and discharge pipe	Peak Flow: 3.16 MGD
6/9/18	GSE Construction	White Lane and BV Bypass Phase 1	(2)8" Pump, (1) 6" Pump, (1) 6" Chopper Pump, Manifold, and discharge pipe	Peak Flow: 3.16 MGD
5/21/18	WM Lyles	Visalia Wastewater Plant	(2)8" Pumps, Suction/Discharge Hose and 8" Vic Pipe	Peak Flow: 2.88 MGD
5/16/18	Reyes Construction	Sewer Lift Station Bypass in Camp Pendleton	(4) 4" Pumps, Manifold, Suction Hose, Discharge Hose and 500' x 4" HDPE.	Peak Flow: 1.5 MGD
5/10/18	Vaslij Inc	Koreatown Manhole Bypass Phase 2	(2)8" Pumps, Manifold, and 550' of discharge	Peak Flow: 2,500 GPM
4/11/18	Vaslij Inc.	Koreatown Manhole Bypass Phase 1	(1)8" Pump, manifold, and 550' of discharge	Peak Flow: 2,500 GPM
1/3/18	Pyramid Building and Engineering	Port of Long Beach Sewer Lift Station Rehabilitation of Lift Stations 101, 104 and 106	LS 101: (1) 8" Primary Pump, (1) 8" Back-up Pump, 12" HDPE Pipe with 8" Manifold LS 104: (1) 8" Primary Pump, (1) 8" Back-up Pump, 8" Hose with 8" Manifold	Peak flow of all (3) Lift Stations: 5.7 MGD

Herc Rentals – Pro Solutions Sewage Bypass Reference List

As of October 2018

10/16/17	GSE Construction (Marc Saar - PM)	24th Street Sewer Lift Station Rehabilitation	LS 106: (1)4" Primary Pump, (1) 4" Backup Pump, 12" HDPE with 6" Manifold (2)6" Vaughn Chopper pumps, 250' of 8" Victaulic pipe	Peak flow 2.6 MGD
9/26/17	WM Lyles (Scott Fults - PM)	North of the River Sewer Treatment Plant Upgrades (Shafter, CA)	(1)12" Primary, (2) 8" Pump back - ups, 1,000' of 12" Victaulic Aluminum pipe, Auto Dialer	Peak flow 12 MGD
9/21/17	WM Lyles (Scott Fults - PM)	North of the River Sanitary District # 1	(1)Primary 12" Silent Self priming trailer mounted diesel pump (2) Back up 8" Silent Self priming trailer mounted diesel pump, fuel cells, 1,200' of 12" Victaulic Aluminum discharge pipe	Peak Flow of 14 MGD
8/15/17	Pacific Hydrotech (Sean Hams - PM / Gabe Valdez -- Super) / SOCQA (Bob Waters - Chief Operator)	SOCWA WWTP	(1)Primary 12" Silent Self priming trailer mounted diesel pump, (1) Back up 12" Silent Self priming trailer mounted diesel pump, (1) 4" Silent Self priming trailer mounted diesel pump, (1) Back up 4" Silent Self priming trailer mounted diesel pump, (2) 2" Submersible Sewage pumps, 2,000' of 18" SDPR 17 HDPE, & 1,000' of 12" SDR 17 H.D.P.E. discharge pipe	Peak Flow of 10 MGD
6/5/17	Sam Hill & Sons (Spencer Hill - PM / Brett Franklin - Super) / Oxnard Wastewater Ray Trevino - Senior Wastewater Collections Supervisor)	Richmond Ave. / E. Wooley Rd. Oxnard, Ca. 93030	(1)Primary 12" Silent Self priming trailer mounted diesel pump, (1) Back up 12" Silent Self priming trailer mounted diesel pump, level transducer, spill containment berms & 3,200' of 12" SDR 17 H.D.P.E. discharge pipe	Peak flow 5 MGD



Herc Rentals – Pro Solutions Sewage Bypass Reference List

As of October 2018

1/26/17	Sam Hill & Sons (Spencer Hill – PM / Oxnard Wastewater Ray Trevino Wastewater Collections Supervisor)	5th Street / Rose Ave. Oxnard, Ca. 93030	(1) Primary 6" Silent Self priming trailer mounted diesel pump, (1) Back up 8" Silent Self priming trailer mounted diesel pump, level transducer, spill containment berms & 1,000' of 12" Victaulic aluminum discharge pipe	Peak flow 3 MGD
9/6/16	Sam Hill & Sons (Ed Marr – PM / Ben Gomez – Super / Camarillo Sanitary District Dennis Brewer – Super)	Calistoga / Stonegate Comstock Homes Camarillo, Ca. 93010	(1) Primary 4" Self priming trailer mounted pump, (1) Back up 4" Self Priming trailer mounted pump, level transducer, auto dialer, spill containment berms, road crossing & 500' of 6" Certalok discharge pipe	Peak Flow 2 MGD
9/1/16	Sam Hill & Sons (Spencer Hill – PM / Brett Franklin – Super / City of Ventura Water / Sanitation – Joe Barajas – Super)	Aurora Dr. Ventura, Ca. 93033	Primary 4" Silent Self priming trailer mounted pump, (1) Back up 4" Silent Self Priming trailer mounted pump, level transducer, (2) parallel 500' of 4" H.D.P.E. discharge pipe	1.5 MGD
10/2015	R&M Plumbing	Harbor Lift Station #4 Rehabilitation – City of Oceanside	(2) 4" Submersible trash pumps with auto transfer switch, backup generator and alarm auto dialer.	Bypass of entire lift station flow during rehab. Project required a maximum flow rate of 730 gpm, along with full automation, auto back-up power and remote alert system.
8/2015	USS Cal Builder	Puente Hills Intermodal Facility – Los Angeles County Sanitation District	(2) 8" Sound Attenuated diesel trash pumps with approx. 50' of 12" aluminum discharge pipe and (2) 4" sound attenuated diesel trash pumps with approx. 600' of 6" layflat discharge hose.	Bypass of 36" RCP sewer for realignment of 36" sewer line. Project required (2) bypasses to achieve full flow diversion. Initial bypass of 36" line occurred 7,000' upstream of project location and required a max flow of 2,694 gpm with the 8" pumps. The second bypass dealt with the residual flow from laterals downstream of the primary bypass and required a max flow rate of 450 gpm with 4" pumps.

Herc Rentals – Pro Solutions Sewage Bypass Reference List

As of October 2018

3/2015	USS Cal Builders	State College Grade Separation - City of Fullerton/Orange County Sanitation District	(2) 12" Sound attenuated diesel trash pumps with approx. 50' of 12" aluminum discharge pipe.	Bypass of 36" VCP sewer for installation of new Manhole and realignment of 36" sewer. Maximum flow rate of 3,962 for the bypass.
8/2014	Canyon Springs Enterprise DBA RSH Construction	Pujol Sewer Lift Station – Eastern Municipal Water District (Temecula, CA)	(2) 6" 20HP Submersible Trash Pumps and (2) 6"x4" High Head Diesel Trash Pumps with approx. 50' of discharge hose.	Bypass entire lift station flow during Lift Station Rehab. Project required a maximum flow rate of 1,100 gpm @ 215' TDH.
4/2014	Mamco Inc. DBA Alabbasi Construction	Cerritos Avenue from Gilbert to Brookhurst - City of Anaheim	(2) 4" Silent Diesel Engine Powered Pumps with approx. 300' of 4" layflat discharge hose.	Bypass 12" sewer line for remove and replace project. Maximum flow of approx. 450 gpm.
4/2014	S.J. Amoroso	San Leandro WWTP	(2) 8" and (2) 6" Diesel Engine Powered Pumps	Bypass Influent Junction Structure
3/2014	RGW Construction	Sewer Pump Station Bypass	(2) 6" Diesel Engine Powered Pumps	Bart Extension to Oakland Airport
3/2014	Fort Bragg Electric	Qty 9 Pump Station Rehab - City of Alameda	(2) 4" Quiet Pumps	Pump Station Rehab
2/2014	Talus Construction	Highland Hospital, Oakland CA	4" Submersible Cutter Pumps, Generators with Monitoring System	Pump Station Rehab
6/2013	W.M. Lyles	Scenic Ave Pump Station, Modesto	8" Submersible and Diesel Engine Pump	5 MGD Hi Head Pump Station Bypass, Raw Sewage
6/2013	Rolfe Construction	Gerard Ave, Merced	6" Diesel Engine Powered Pump	24" Sewer Line Bypass 2MGD Raw Sewage
6/2013	McGuire & Hester	Highland Hospital, Oakland	4" Submersible Cutter Pumps	1 MGD Bypass of Hospital Sewer Line
3/2013	RGW	San Leandro WWTP	6", 8" & 12" Diesel Powered Pumps	1 MGD to 16 MGD Influent Bypass
1/2013	KJ Woods	Drumm Street San Francisco	6" Submersibles	All underground bypass system to maintain flow of traffic
9/2012	California Trenchless	Ashby Ave Berkeley, CA	(2) 8" Diesel Engine Powered Pumps	36" Sewer Line 6MGD Raw Sewage Bypass
8/2012	Monterey Mechanical	SBSA, Redwood City	(4) 10" Submersible Pumps RAS Pumping	14MGD RAS Bypass with VFD control to maintain Sump Level
7/2012	Monterey Mechanical	San Mateo WWTP	6" Diesel Engine Powered Pumps	3MGD Influent Bypass



Herc Rentals – Pro Solutions Sewage Bypass Reference List

		As of October 2018	
5/2012	Disney Construction	SFO Airport Pump Station	16" & 12" Pumps 50 MGD Storm Water Bypass
4/2012	Flatiron / Parson JV	BART, High Street Oakland	12" Submersibles with Diesel Generators 48" 9MGD Bypass, Raw Sewage
4/2012	Anderson Pacific	Pebble Beach, Pump Station	High Head 4" Submersible On 18 th Hole, 1 MGD Bypass Raw Sewage

HPS Mechanical, Inc.

LES DENHERDER – PROJECT MANAGER

SUMMARY:

- Full Responsibility for HPS Mechanical, Inc. since 1976.
- Ability to assess organizational flaws and remedy by improving procedures.
- Strong communication skills across all levels within a business.
- Skilled at working independently, multi-tasking and delegating responsibilities.
- Grew company 3400%

ACCOMPLISHMENTS:

- *Targeted the company's growth into industrial/commercial construction.* This allowed for major expansion and has moved HPS into the role of the largest plumbing and piping contractor in Central California – averaging over 165 men in the field. The growth was aided in part by expanding the services provided. In addition to plumbing, HPS now contracts to install process piping, wet heat and chilled water piping, site utilities, site excavation, and bids as a prime contractor on many jobs. Full responsibility for over \$800,000,000.00 in projects during the last 30 years.
- Edwards Air Force Base Lift Station Retrofit, Mercy Hospital Southwest, Terra Bella Water Treatment Plant, and County of Kern Wastewater Control Facility. In addition, multiple projects with extensive underground utility, lift station and wastewater treatment plants. Lift stations up to 660 (combined) HP pumps: Kern County Water Authority, City of San Diego Pumps Stations 4 (rehab), 22 La Jolla (new), Shelter Island (new) and 89 Sorrento Valley (new), City of Coronado Glorietta Bay Pump Station.
- *Projects that have been completed include:* Physicians Plaza, Surgical Center, an outpatient Surgical Hospital; California Corporate Plaza, a seven building 325,000 square feet project, including nine and five story towers, all of which were design build; Alter Physical Science Lab, a lab for rocket fuels development with stainless steel piping; Cal Poly Agriculture Science Building; Palmdale Medical Center, Physicians Hospital of Murrieta, Kaweah Delta Hospital Expansion; Charter Hospital, a Psychiatric Hospital; UCSD Jacobs CUP Building New 12 floors, 500,000 sf patient tower expansion and 70,000 sf renovation to the existing Thornton Hospital. Maintenance Building and Hanger, NASA Integrated Test Facility. Ocotillo Elementary School, Lerdo Jail Water Repipe,
- *Developed a highly professional organization which specializes in difficult projects.* HPS's strength is in the complicated, tight schedule, difficult job that other contractors do not want to take on. This is accomplished with a flexible staff that allows each job to receive the necessary management input.

EDUCATION:

Master of Business Admin.	Pepperdine University	1989
Certified in Plumbing Engineering	American Society of Plumbing Engineers	1996

AFFILIATIONS:

Associated Builders and Contractors, Inc. (ABC San Diego) – Past President
PHCC of California – Past President
California Apprenticeship Council – Commissioner – 2007-2012 (Appointed by Governor Schwarzenegger)
2009 Contractor of the Year – PHCC of California
Kern County PHCC – Past President
San Joaquin Chapter of IAPMO
BIA Plumbers Committee
Kern County Builder's Exchange – Past President
1997 and 2009 Delta National Plumbing Contractor of the Year



3100 E. BELLE TERRACE BAKERSFIELD CA 93307 (661) 397-2121 FAX (661) 396-2589
9260 TRADE PLACE, SUITE 101, SAN DIEGO, CA 92126 (858) 537-5110 FAX (858) 357-0511
CA State Contractor's License 793014 * DIR Registration 1000001107
www.hpsmechanical.com

This form is required. Failure to submit a Bidders Bond in this form shall constitute grounds for rejection of the bid.

BIDDER'S BOND

(Ten Percent (10%) of the Lump Sum Price)

KNOW ALL MEN BY THESE PRESENTS,

That we HPS MECHANICAL, INC.

as Principal, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND

as Surety, are held and firmly bound unto the Leucadia Wastewater District, 1960 La Costa Avenue, Carlsbad, California (the "Owner") in the sum of

TWENTY FIVE PERCENT OF BID AMOUNT

Dollars (\$ 25%)

such amount representing ten percent (10%) of the amount of the lump sum bid to obtain the award of a contract for the Leucadia Pump Station Rehabilitation Project (Project) which includes all work, materials, labor, tools, services and equipment necessary for the installation of five new dry pit submersible pumps, two new emergency basin submersible pumps, one new conditioning pump; new piping, valves, and appurtenances; odor control system; miscellaneous metals; minor structural modifications; and new electrical and instrumentation improvements. All other work necessary to complete the work in its entirety including, but not limited to, providing complete and operational temporary sewer bypass pumping system during construction of the project; protecting the existing structures and facilities and maintaining sewer pump station service at all times; all necessary demolition and civil site work; obtaining all permits and conforming to all permit, jurisdictional and regulatory requirements; trenching, backfilling, compaction; sheeting, shoring, bracing; potholing; restore disturbed areas and surface improvements to original conditions; and all miscellaneous work as shown, specified and directed for a complete operating installation (the "Contract) and to be paid to the Owner, its successors and assigns, for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That if the certain proposal of the above bounden PRINCIPAL

is accepted by the said Owner and if the above bounden PRINCIPAL

his heirs, executors, administrators, successors, and assigns, shall duly enter into and execute a Contract for such construction, and shall execute and deliver the Payment Bond, Performance

Bond, and other Contract Documents described, within ten (10) days from the date of the award and notice to the above bounden

PRINCIPAL

by and from the said Owner that said contract is ready for execution, then this obligation shall become null and void; otherwise it shall be and remain in full force and virtue.
IN WITNESS WHEREOF,

We hereunto set our hands and seals this 24TH day of JANUARY, 2020.

FIDELITY AND DEPOSIT COMPANY OF MARYLAND

Name of Surety

(Seal)

525 MARKET ST., STE 2900 SAN FRANCISCO, CA 94105

Address

(Attach here Acknowledgement on Standard Form)



Signature of Representative CHRIS STAHL, ATTORNEY-IN-FACT

661-283-8100

Telephone Number

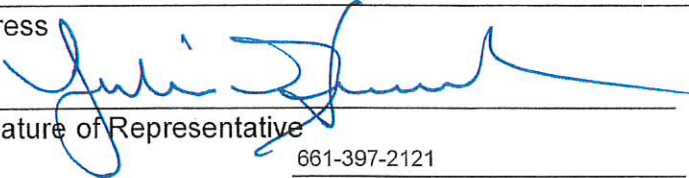
HPS MECHANICAL, INC.

Name of Contractor

(Seal)

3100 E. BELLE TERRACE, BAKERSFIELD, CA 93307

Address



Signature of Representative

661-397-2121

Telephone Number

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint, Wes BRADFORD, Elizabeth AGUINAGA, Johannah GRIFFITH, Lorinda HOFFMANN, Julie SANDERS and Chris STAHL, all of Bakersfield, California, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 13th day of November, A.D. 2019.



By: Robert D. Murray
Vice President

By: Dawn E. Brown
Secretary

**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND**

**State of Maryland
County of Baltimore**

On this 13th day of November, 2019, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, Robert D. Murray, Vice President and Dawn E. Brown, Secretary of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, depose and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.



Constance A. Dunn, Notary Public
My Commission Expires: July 9, 2023

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this 24 day of January, 2020.



Brian M. Hodges

Brian M. Hodges, Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
www.reportsfclaims@zurichna.com
800-626-4577

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of KERN

On 1/24/2020 before me, Mandie Mazer, Notary Public
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Chris Stahl
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under the PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mandie Mazer
Signature of Notary

Place Notary Seal Above

OPTIONAL

Though the data below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

Description of Attached Document

Title or Type of Document: _____
Document Date: _____ Number of Pages: _____
Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer

Signer's Name: _____

- Corporate Officer – Titles(s) _____
- Partner(s) Limited General
- Individual Attorney in Fact
- Trustee(s) Guardian/Conservator
- Other: _____

Signer is Representing: _____

Name of Person(s) or Entity(ies) _____

RIGHT THUMBPRINT
OF SIGNER

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Kern)

On 1/24/2020 before me, Alma L. Martinez, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Leslie DenHerder
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity~~(ies)~~, and that by his/~~her~~/their signature~~s~~ on the instrument the person~~s~~, or the entity upon behalf of which the person~~s~~ acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature *[Handwritten Signature]*
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Bid Bond Document Date: 1/24/2020

Number of Pages: _____ Signer(s) Other Than Named Above: none

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

MEMORANDUM

Ref: 20-7040

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: **Contract Award for Engineering Support Services for District's Leucadia Pump Station Rehabilitation Project**

RECOMMENDATION:

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

1. Authorize the General Manager to execute an Amendment No. 8 to Task Order 29 with Infrastructure Engineering Corporation for engineering support services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$91,930.
2. Discuss and take other action as appropriate.

DISCUSSION:

Tactical Goal: Infrastructure and Technology / Leucadia Pump Station Rehabilitation

The District's Leucadia Pump Station Rehabilitation Project (Project) requires engineering support during the construction phase of the project. Engineering support services include attending pre-construction and progress meetings, review and process submittals and shop drawings, respond to Requests for Information (RFI), design plan revisions when required, and prepare record drawings upon project completion. Infrastructure Engineering Corporation (IEC) designed the project and Staff believes it is prudent to retain their services for continuity during the construction phase. Section 11.4, Continuing Services, of the District's Procurement Policy allows the retention of a firm for subsequent phases of a project. IEC submitted a proposal, attached, to provide office engineering services in an amount not to exceed \$91,930. Staff believes this fee is fair and reasonable.

The services to be provided under this contract will be paid on a time and material basis. Therefore, Staff recommends that the Board award the contract for engineering support services for the Project to IEC.

FISCAL IMPACT:

Sufficient funds to cover the proposed cost for engineering support during construction have been budgeted.

rym:PJB

Attachment



January 21, 2019

Mr. Robin Morishita
Leucadia Wastewater District
1960 La Costa Avenue
Carlsbad, California 92009

RE: Proposal for Additional Engineering Services for Construction Phase Services for Leucadia Pump Station Rehabilitation Project

Dear Mr. Morishita:

It has been our pleasure to assist the District with the Leucadia Pump Station (LPS) Rehabilitation Design Project. This letter requests an amendment (Amendment 8) for construction support services. The services requested under this eighth amendment supplement, and do not overlap with, services authorized under the original contract or other Amendments.

SCOPE OF SERVICES

Task 1.0 – Meetings

IEC will attend the Pre-construction meeting and six (6) construction progress meetings thereafter for a total of seven (7) meetings. It is assumed that District staff will take meeting notes.

Task 2.0—Review Shop Drawings and Respond to RFIs.

IEC will review project shop drawing submittals for conformance and compliance with the contract documents. The submittals will be stamped and returned with written comments to the District. Submittals will be coordinated with the District for their review and input prior to returning to the Contractor. Submittals will be digitized into an electronic PDF format and stored as a part of the project documentation. A submittal log will be kept to track their status. The log will identify each submittal and re-submittal; date received; reviewer; and the date returned to the contractor, action required, and other pertinent information. It is anticipated that approximately forty (40) shop drawing submittals will be reviewed. It is assumed that there will be sixteen (16) re-submittals.

Contractor RFI's will be responded to in writing. The responses will first be sent to the District for input prior to returning to the Contractor. A RFI submittal log will be kept and will itemize the RFI and response(s). The log will also include the date received; reviewer; and the date returned to the contractor, and other pertinent information. It is anticipated that approximately fifteen (15) RFI's will be reviewed.



Mr. Robin Morishita
Leucadia Wastewater District
Page 2 of 2

FEE

The proposed level of effort and fee is indicated on the attached table. Billing will be in accordance with our current agreement for as-needed engineering services. We sincerely appreciate the opportunity to provide this proposal and assist the District with this project. Please contact me at (858) 842-6978 should you have any questions or need further information.

Sincerely,

Rob Weber, PE
Senior Project Manager

cc: Jamie Fagnant, PE, IEC,
Preston Lewis, PE, IEC

FEE ESTIMATE
LEUCADIA WASTEWATER DISTRICT
Leucadia Pump Station Rehabilitation - Construction Services

Task/ Subtask	Task/Subtask Description	Sr. Project Manager (Skip Lewis)	Senior Project Engineer (Janie Fagnant)	Engineer I/ CAD I Designer	Word Processor (Annene Moore)	Subtask Labor-Hours	Subtask Labor Cost	Direct Cost	Subcontract	Total Cost
		\$190.00	\$160.00	\$115.00	\$75.00					
TASK 1	Project Management and Administration									
	Meetings (7)	28	6			34	\$6,280	\$700	\$0	\$13,460
	Project Status Reports/Coordination	24	12			36	\$6,480	\$0	\$0	\$6,980
										\$6,480
TASK 2	Shop Drawings and RFIs									
	Review Shop Drawings (40 and 16 resubmittals)	28	12	84	28	152	\$19,000	\$0	\$0	\$19,000
	Respond to RFIs (15)	30	15	120		165	\$21,900	\$70	\$0	\$21,970
	Electrical					0	\$0	\$0	\$27,500	\$27,500
	Structural					0	\$0	\$0	\$10,000	\$10,000
		110	45	204	28	387				
		\$20,900	\$7,200	\$23,460	\$2,100		\$53,660	\$770	\$37,500	\$91,930

TOTAL NOT-TO-EXCEED FEE: \$91,930

MEMORANDUM

Ref: 20-7041

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: **Contract Award for Construction Management Services for the District's Leucadia Pump Station Rehabilitation Project**

RECOMMENDATION:

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

1. Authorize the General Manager to execute an Agreement with Mavteck for construction management services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$252,000.
2. Authorized the General Manager to execute an Agreement with Rockwell Construction Services, Inc. for electrical, instrumentation and controls construction management and inspection services during the construction of the Leucadia Pump Station Rehabilitation Project in an amount not to exceed \$37,800.
3. Discuss and take other action as appropriate.

DISCUSSION:

Tactical Goal: Infrastructure and Technology / Leucadia Pump Station Rehabilitation

The District's Leucadia Pump Station Rehabilitation Project (Project) requires construction management (CM) support to oversee construction of the project. The CM services consist of contractor oversight, negotiating change orders, construction inspection and administration. Mr. Maverick Madsen (Mavteck) has a proven track record of providing excellent CM services to the District. Mr. Madsen has provided excellent CM services for the 2017 Village Park No. 5 Pump Station Replacement, Batiquitos (B3) Force Main Discharge Section Replacement, and La Costa Force Main Emergency Repair projects. Additionally, Mr. Madsen provided constructability reviews during project design. For this Project, Mavteck submitted a proposal to provide CM services in an amount not to exceed \$252,000, an estimated 2100 hours at \$120 per hour. Based on the estimated fifteen (15) month construction period and Mr. Madsen's experience and past performance, staff believes this fee is fair and reasonable.

Included in the Project is the installation of five (5) dry pit submersible pumps, a submersible pump in the emergency basin and a submersible chopper pump in the wet well. Additionally, a super-oxygenation system for odor and corrosion control will be installed. The construction of these items will require CM services for electrical distribution, instrumentation and control systems. Mr. Rockwell Swanson (Rockwell Construction Services, Inc.) is well known in the wastewater industry as a technical expert in these disciplines. He provided these specialized CM and inspection services during the previous 2006 Leucadia Pump Station Rehabilitation, the 2013 Batiquitos Pump Station Rehabilitation, the 2016 Saxony Pump Station Rehabilitation and

the 2017 Village Park No. 5 Pump Station Replacement projects. Mr. Swanson submitted a proposal to provide electrical/instrumentation and control CM and inspection services in an amount not to exceed \$37,800, an estimated 280 hours at \$135 per hour. Based on Mr. Swanson's experience and past performance, Staff believes this fee is fair and reasonable.

Both Mr. Madsen and Mr. Swanson have consistently provided outstanding CM services on previous District projects. They possess the requisite knowledge of the District's collection system and operations. They performed constructability reviews of the Project during the project's design phase and, therefore, have thorough knowledge of the project's plans and specifications. Retaining their CM services during construction will provide continuity, efficiency and is in the best interest of the District. For these reasons, the procurement of these CM services satisfies the criteria for continuity of service under Section 11.4, Continuing Services, of the District's Procurement Policy.

The services provided by both contracts will be paid on a time and material basis. Therefore, Staff recommends that the Board award the contracts for CM and electrical/instrumentation and control inspection for the Project to Mavteck and Rockwell Construction Services Inc.

FISCAL IMPACT:

Sufficient funds to cover the proposed cost for these construction management and inspection services have been budgeted.

rym:PJB

MEMORANDUM

Ref: 20-7049

DATE: January 30, 2020
TO: Engineering Committee
FROM: Paul J. Bushee, General Manager 
SUBJECT: Emergency Repair of the La Costa Force Main

RECOMMENDATION:

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

1. Retroactively authorize the General Manager to disburse an amount not to exceed \$118,838 to Maxim Engineering for the completion of emergency repairs to the La Costa Force Main.
2. Discuss and take other action as appropriate.

DISCUSSION:

At the January 2020 Board Meeting staff presented a brief of the emergency repairs performed to repair the La Costa Pump Station Force Main. The repairs were necessary to stop the discharge of wastewater into Gelson's Market which the District was notified of on December 27, 2019. As you may recall, the incident occurred because a section of the abandoned La Costa Force Main and the discharge manhole was not removed, as designated in the plans, during construction of the building circa 2003. Additionally, the valve isolating the abandoned section of the force main in the La Costa Resort failed resulting in the abandoned section being charged with wastewater from the La Costa Pump Station.

Paragraph 10.2, Emergency, of the District's Procurement Policy, states:

"An emergency situation may be determined by the General Manager if there is no time to convene a Board meeting. In the case of an emergency, the General Manager can authorize procurement(s) that exceeds his designated threshold in order to resolve the situation."

Accordingly, to permanently isolate the abandoned force main, Maxim Engineering (Maxim) agreed to perform the emergency repairs and commenced construction on December 28th. The original estimate for the work was \$70,000. As work progressed, Maxim encountered significant ground water increasing the time (labor), material and equipment (Badger Hydrovac with Operator) costs. The EZ Valve, a special valve used to isolate a pressurized line, cost \$25,000. Additionally, the original estimate did not use prevailing wage labor rates. As a result, the actual cost for the repairs totaled \$118,838.

Therefore, because this was an emergency repair, staff requests that the Board retroactively authorize the General Manager to pay Maxim Engineering for the emergency repairs to the La Costa Force Main.

rym:PJB