

**AGENDA**

**ENGINEERING COMMITTEE MEETING  
LEUCADIA WASTEWATER DISTRICT**

Tuesday, September 6, 2022 – 9:30 a.m.  
Via Teleconference

Pursuant to the State of California Executive Order N-29-20, and in the interest of public health, the District is temporarily taking actions to mitigate the COVID-19 pandemic by holding meetings by teleconference. The general public may not attend this meeting at the District's office due to social distancing requirements.

Members of the public attending via teleconference will be provided with an opportunity to comment on each agenda item prior to Committee discussion.

**To join this meeting via Teleconference, please dial: 1-669-900-6833**

**Meeting ID: 876 9252 7784**

**Password: 487069**

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**1. Call to Order**

**2. Roll Call**

**3. Public Comment**

**4. New Business**

A. Adopt Resolution No. 2379, Briggs Annexation, as presented. (Pages 3 - 7)

B. Adopt Resolution No. 2383, Stits Annexation, as presented. (Pages 8 - 12)

C. Authorize the General Manager to execute a procurement through a cooperative purchase program with Haaker Equipment Company in the amount of \$182,497.25 to retrofit the existing CCTV Van with EnviroSight RovverX Long Range CCTV System and accessories. (Pages 13 – 14)

D. Authorize the General Manager to execute a sole source Agreement for professional services with Base 9 Consulting, Incorporated for the Supervisory Control and Data Acquisition (SCADA) Central Control Upgrade Project in an amount not to exceed \$70,000. (Pages 15 – 19)

**5. Information Items**

A. Development Projects Summary. (Pages 20 – 21)

B. FY 22 Gravity Pipeline Project Update. (Verbal)

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

**MEMORANDUM**

**DATE:** August 31, 2022  
**TO:** Engineering Committee  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Resolution No. 2379 Requesting LAFCO to Take Proceedings for the Briggs Change of Organization

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**RECOMMENDATION:**

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

1. Adopt Resolution No. 2379, Briggs Annexation, as presented.
2. Discuss and take other action, as appropriate.

**DISCUSSION:**

The proposed Briggs Annexation into the Leucadia Wastewater District's (District) service area involves one parcel totaling 2.92 acres, located east of Rancho Santa Fe Road, south of La Costa Avenue and west of Lone Jack Road.

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 a septic tank system. Per the City of Encinitas, the parcel is required to connect to the public sanitary sewer system to satisfy a permit condition for the proposed construction of a 1,200 sf ADU. The private sewer lateral for the parcel will connect to the available public sewer system on the north side of Dusty Trail. The annexation is necessary to provide sewer service to this property.

Approval of Resolution No. 2379 would authorize a boundary annexation.

The District's collection and treatment systems have sufficient capacity to accommodate the existing single-family dwelling and proposed ADU. Attached please find a copy of Resolution No. 2379 for your review.

ier:PJB

Attachment

**RESOLUTION NO. 2379**

**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  
BRIGGS CHANGE OF ORGANIZATION**

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**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 Briggs Change of Organization; and

**WHEREAS**, the proposed Briggs Change of Organization includes annexation of the Briggs territory (**APNs 264-222-24-00**) 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 September 14<sup>th</sup>, 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

\_\_\_\_\_  
Judy Hanson, President

ATTEST:

\_\_\_\_\_  
Paul Bushee, General Manager  
(SEAL)

**EXHIBIT "A"**  
**BRIGGS ANNEXATION**  
**TO LEUCADIA WASTEWATER DISTRICT**

**GEOGRAPHIC DESCRIPTION**

ALL THAT CERTAIN PROPERTY, SITUATED IN PARCEL 1 OF PARCEL MAP NO. 8251, IN THE CITY OF ENCINITAS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAN DIEGO COUNTY, JANUARY 4, 1979 AS FOLLOWS:

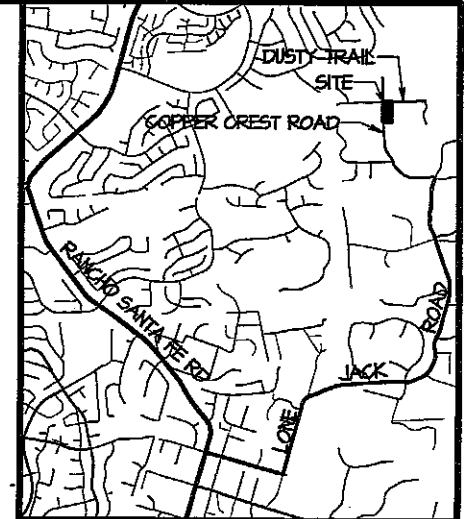
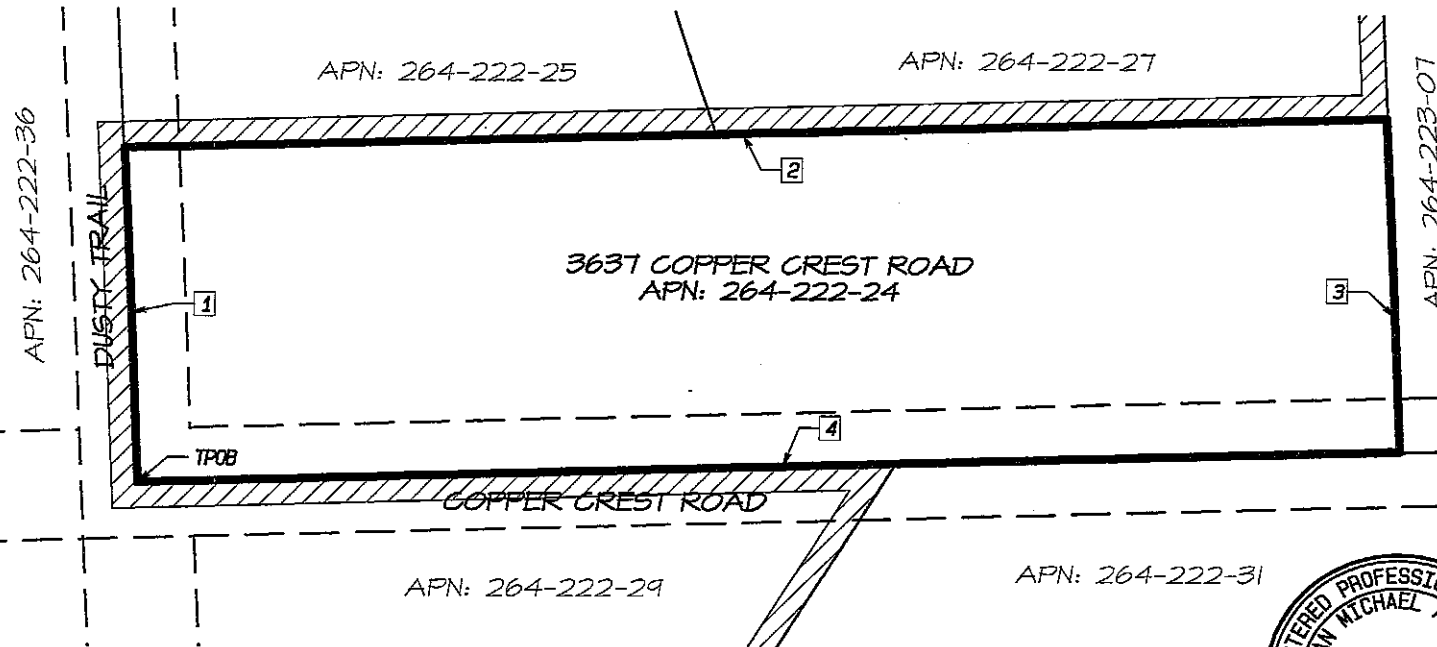
COMMENCING AT THE CENTERLINE INTERSECTION OF DUSTY TRAIL AND COPPER CREST ROAD AS SHOWN ON SAID MAP 8215. THE TRUE POINT OF BEGINNING; THENCE

1. NORTH 86°47'42" EAST 185.00 FEET; THENCE
2. SOUTH 02°08'13" EAST 688.33 FEET; THENCE
3. SOUTH 86°55'53" WEST 185.00 FEET; THENCE
4. NORTH 02°08'11" WEST 687.89 FEET, TO THE TRUE POINT OF BEGINNING AND CONTAINING 2.92 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"

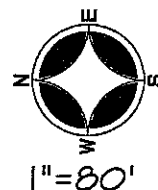
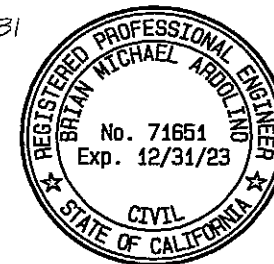
## ANNEXATION TO THE LEUCADIA WASTEWATER DISTRICT 3637 COPPER CREST ROAD - BRIGGS



VICINITY MAP  
NOT TO SCALE

### COURSES

1. NORTH 86°47'42" EAST 185.00'
2. SOUTH 02°08'13" EAST 688.33'
3. SOUTH 86°55'53" WEST 185.00'
4. NORTH 02°08'11" WEST 687.89'



### LEGEND

PARCEL "A" METES & BOUNDS

1

EXISTING LWD BOUNDARY



PARCEL TO BE ANNEXED

ASSESSOR'S PARCEL NUMBERS	LAFCD RESOLUTION NO.	ACREAGE	DATE	SCALE
264-222-24	DA18-02	2.9 AC	7-18-22	1"=80'
LEUCADIA WASTEWATER DISTRICT ANNEXATION		ARDOLINO COASTAL ENGINEERING		
PARCEL 1 OF PARCEL MAP 8251		PO BOX 1226		
		CARDIFF BY THE SEA, CA 92007		
		760.334.1373		

**MEMORANDUM**

**DATE:** August 31, 2022  
**TO:** Engineering Committee  
**FROM:** Paul J. Bushee, General Manager   
**SUBJECT:** Resolution No. 2383 Requesting LAFCO to Take Proceedings for the Stits Change of Organization

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**RECOMMENDATION:**

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

1. Adopt Resolution No. 2383, Stits Annexation, as presented.
2. Discuss and take other action, as appropriate.

**DISCUSSION:**

The proposed Stits Annexation into the Leucadia Wastewater District's (District) service area involves one parcel totaling 0.70 acres, located west of Interstate 5, north of Leucadia Boulevard and east of Hygeia 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 a septic tank system. Per the City of Encinitas, the parcel is required to connect to the public sanitary sewer system to satisfy a permit condition for a proposed lot split. The connection of the existing single-family residence and the proposed lot split to the collection system requires the construction of approximately 175 linear feet of public sewer extension on Eolus Avenue before two (2) private lateral connections can be attained. The annexation is necessary to provide sewer service to these properties.

Approval of Resolution No. 2383 would authorize a boundary annexation.

The District's collection and treatment systems have sufficient capacity to accommodate the existing single-family dwelling and the future development of the new parcel. Attached please find a copy of Resolution No. 2383 for your review.

ier:PJB

Attachment



**RESOLUTION NO. 2383**

**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  
STITS 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 Stits Change of Organization; and

**WHEREAS**, the proposed Stits Change of Organization includes annexation of the Stits territory (**APNs 254-382-18-00**) 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 September 14<sup>th</sup>, 2022 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

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Judy Hanson, President

ATTEST:

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Paul Bushee, General Manager  
(SEAL)

**EXHIBIT "A"**  
**STITS ANNEXATION**  
**TO LEUCADIA WASTEWATER DISTRICT**  
**GEOGRAPHIC DESCRIPTION**

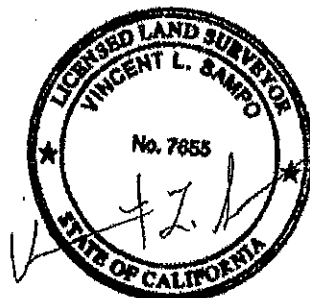
ALL THAT CERTAIN PROPERTY, SITUATED IN A PORTION OF LOT 4 IN BLOCK F OF SOUTH COAST PARK ANNEX, IN THE CITY OF ENCINITAS, COUNTY OF SAN DIEGO, STATE OF CALIFORNIA, ACCORDING TO MAP THEREOF NO 1788, FILED IN THE OFFICE OF THE COUNTY RECORDER OF SAID SAN DIEGO COUNTY ON MARCH 29, 1924 AS FOLLOWS:

COMMENCING AT THE CENTERLINE INTERSECTION OF EOLUS AVENUE AND GLAUCUS STREET AS SHOWN ON SAID MAP 1788; THENCE

1. SOUTH 15°43'30" EAST 554.91 FEET ALONG THE CENTERLINE OF SAID EOLUS AVENUE TO THE NORTHWESTERLY CORNER OF SAID PORTION OF LOT 4 BEING THE TRUE POINT OF BEGINNING; THENCE
2. NORTH 80°16'30" EAST 150.50 FEET; THENCE
3. SOUTH 15°43'30" EAST 222.90 FEET; THENCE
4. SOUTH 63°34'50" WEST 152.32 FEET TO SAID CENTERLINE OF EOLUS AVENUE; THENCE
5. NORTH 15°43'30" WEST 266.90 FEET ALONG SAID CENTERLINE OF EOLUS AVENUE TO THE TRUE POINT OF BEGINNING.

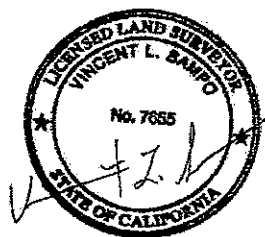
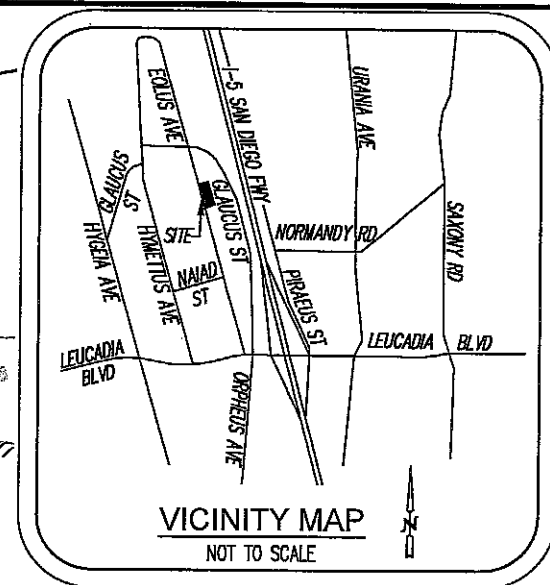
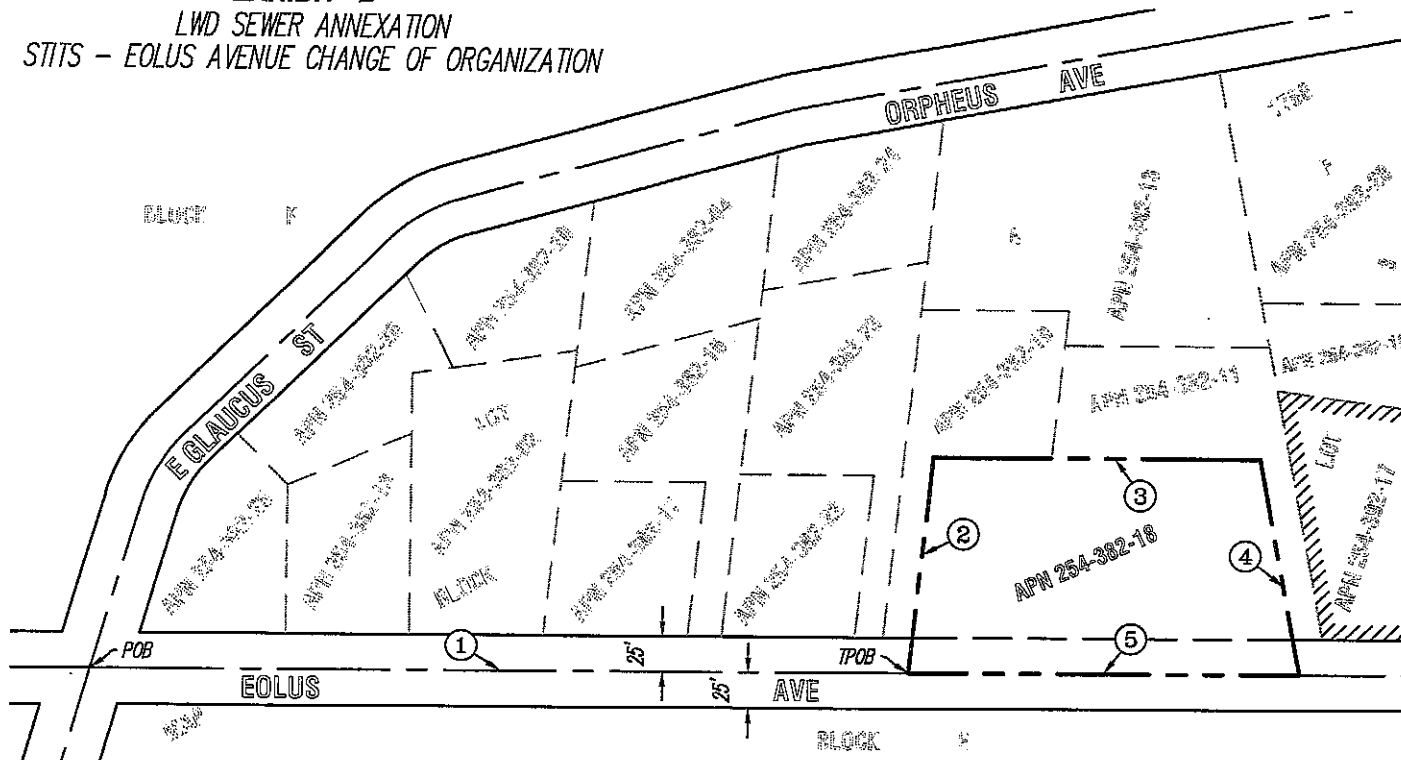
CONTAINING 0.841 ACRES OF LAND MORE OR LESS.

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  
STITS - EOLUS AVENUE CHANGE OF ORGANIZATION

**LEGEND:**

PARCEL TO BE ANNEXED

PROPERTY LINE

RIGHT-OF-WAY

PARCEL "A" METES &amp; BOUNDS

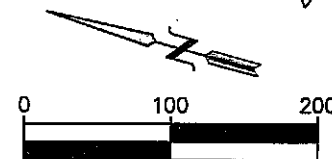
LWD BOUNDARY

**SYMBOL:**

①

**COURSES**

1. SOUTH 15°43'30" EAST 554.91'
2. NORTH 80°16'30" EAST 150.50'
3. SOUTH 15°43'30" EAST 222.90'
4. SOUTH 63°34'50" WEST 152.32'
5. NORTH 15°43'30" WEST 266.90'



SCALE: 1" = 100'


ASSESSOR'S PARCEL NUMBER: 254-382-18	LAFCD REFERENCE NO. XXXX-XX	ACREAGE 0.841AC
LEUCADIA WASTEWATER DISTRICT ANNEXATION MAP 177, PORTION OF LOT 4 IN BLOCK "F" OF SOUTH COAST PARK		

JN: 22-144 DATE: 8.16.22

171 SAXONY RD, STE. 213, ENCINITAS, CA 92024  
TEL: (760) 436-0660 FAX: (760) 436-0659

**MEMORANDUM**

**Date:** August 31, 2022  
**To:** Engineering Committee  
**From:** Paul J. Bushee, General Manager  
**Re:** **Retrofit Closed Circuit Television Van**



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**RECOMMENDATION:**

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

1. Authorize the General Manager to execute a procurement from Haaker Equipment Company in the amount of \$182,497.25 to retrofit the existing CCTV Van with an Envirosight RovverX Long Range CCTV System and accessories through a cooperative purchase program.
2. Discuss and take other action, as appropriate.

**DISCUSSION:****Tactical Goal: Services / Retrofit CCTV Van**

The Leucadia Wastewater District (District) has two Closed Circuit Television (CCTV) Vehicles in its fleet for video inspection of the collection system. One vehicle is a Ford Sprinter CCTV Van (Van) that was purchased in 2016. The other is a Ford F-450 CCTV Truck (Truck) that was purchased in 2021. Staff is recommending the retrofit of the Van which is currently equipped with the CUES inspection system. The Van engine and chassis are in good condition. However, over the last two years, the District has spent nearly \$20K in CCTV equipment services and repairs for the CUES System and has noticed an increase in cost and frequency of the repairs.

In 2021 when the District purchased the Truck, staff researched different CCTV systems and equipment options and received demonstrations from three (3) companies; Ibak, Proteus and Envirosight. After evaluating the options, staff selected the Envirosight System due to system and equipment functionality and reliability. The Truck was purchased with the Envirosight System (Envirosight). Some Envirosight advantages are:

- Steerable 6-wheel drive for climbing over offsets and debris.
- Lightweight Kevlar cable that poses minimal drag.
- Quick change wheel options.

Staff has been very satisfied with Envirosight. The software is easier to use. The quick disconnect wheels make modifications for different pipe diameters quicker and easier. The reel cable is very light and durable reducing transporter motor strain. The transporter can be elevated to lift the camera above the wastewater. Envirosight has proven to be reliable with minimal downtime due to system maintenance issues. Additionally, the retrofit of the Van with Envirosight will result in the CCTV Inspection Systems being the same in both inspection vehicles improving operator efficiency and performance due to system standardization.

### Cooperative Purchasing Program

The District's Procurement Policy (Section 3.4) permits the use of cooperative purchasing programs when feasible and in the best interest of the District. Staff is recommending the retrofit of the VAN from the Haaker Equipment Company (Haaker) through a cooperative purchasing program with Sourcewell Cooperative. Sourcewell Cooperative is a self-supported government agency that holds hundreds of competitively solicited procurement contracts ready for use. Essentially, the Haaker purchasing contract for the EnviroSight retrofit has already been vetted through the competitive pricing process by Sourcewell Cooperative.

Therefore, staff recommends that the retrofit of the CCTV Van with EnviroSight RoverX Long Range CCTV System and accessories be completed by Haaker Equipment Company through the Sourcewell Cooperative in the amount of \$182,497.25.

### **FISCAL IMPACT:**

The FY23 Capital Acquisitions Budget includes a sufficient appropriation to complete the retrofit of Van.

mag:PJB



## MEMORANDUM

**Date:** August 31, 2022  
**To:** Engineering Committee  
**From:** Paul J. Bushee, General Manager  
**Subject:** Award of Professional Services Agreement for the Supervisory Control and Data Acquisition Central Upgrade Project



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**RECOMMENDATION:**

Staff requests that the Engineering Committee recommend that the Leucadia Wastewater District (District) Board of Directors:

1. Authorize the General Manager to execute a sole source Agreement for professional services with Base 9 Consulting, Incorporated for the Supervisory Control and Data Acquisition (SCADA) Central Control Upgrade Project in an amount not to exceed \$70,000.
2. Discuss and take other action as appropriate.

**DISCUSSION:****Tactical Goal: Services / Upgrade SCADA System**

The Supervisory Control and Data Acquisition (SCADA) system is a critical system used in operating the District's collection system. SCADA is used to monitor the operation of the District's ten (10) pump stations and provides an alarm notification when operations are outside of set parameters, such as a high or low wet well level. The District's SCADA system does not enable central control of the pump stations and each pump station operates autonomously.

The SCADA Central Control (SCC) is located in the Headquarters Building and is made up of two desktop computers. One computer operates as the primary or lead computer while the other serves as a back-up in case the primary should fail. Both computers process the information received from and sent to the various remote pump stations and operate on the antiquated Windows 7 operating system.

Typically, SCADA computers are upgraded when software support is no longer available from vendors which is normally between 5 to 7 years. Although the District's Asset Management Plan estimates the useful life of a control system to be 10 years, the current system is 8 years old and will soon be unsupported.

In 2014, Base 9 Consulting, Inc. (BNCI) worked closely with Rockwell Construction Services (the District's Electrical, Instrumentation and Controls Inspector) to develop and complete the previous SCC Upgrade Project. In addition, BNCI has been specified by the District to perform the SCADA upgrade and pump station controls in the District's last four pump station replacement / rehabilitation projects, including Leucadia Pump Station and Encinitas Estate

Pump Station, and will perform the SCADA work on the Village Park 7 Pump Station Replacement Project.

Due to BNCI's experience and knowledge of the District's SCADA System, staff requested BNCI evaluate the SCC system. BNCI completed their evaluation in June 2022. As a result of the evaluation, BNCI has submitted a proposal to provide professional services for the SCC Upgrade Project, proposal attached. BNCI's scope of services include:

- Procure one new desktop computer
- Procure an upgraded version of Wonderware InTouch software and cyber security specifications
- Configure Work Stations – one new and one currently designated spare in the SCC room
- Procure and configure new alarm notification system (TopView)
- Provide as-built drawings for new configuration
- Human Machine Interface (HMI) development and programming
- Factory and field testing
- System startup and documentation
- Provide one-year warranty
- Provide four (4) training sessions as required

Due to the age of the existing SCADA primary and backup computers, the District previously purchased one desktop computer (spare) to have on hand in case of a computer failure. Therefore, the SCADA upgrade requires the procurement of one additional desktop computer, as outlined in BNCI's proposal.

Staff has evaluated the proposal and determined that it to be fair and reasonable. This procurement meets the criteria for a sole source procurement per Section 11.1, Sole Source Procurement, of the District's Procurement Policy for the following reasons:

- BNCI possess unique knowledge of the District's SCADA System.
- Continuation of services for the District's SCADA System upgrade.

Therefore, it is recommended that an Agreement be executed with BNCI for professional services for the SCC Upgrade Project in the amount not to exceed \$70,000.

**FISCAL IMPACT:**

There is sufficient appropriation in the Fiscal Year 2023 Capital Acquisition Budget to cover the cost of this Agreement.

jms:PJB

Attachment





**Proposal To Upgrade the Wonderware Based  
SCADA System  
for the  
Leucadia Waste Water District  
Offered by  
By Base9 Consulting**

Base9 Consulting (BNCI) offers this proposal to Leucadia Waste Water District (DISTRICT) to upgrade the existing Wonderware based SCADA system.

As a part of this agreement, Base9 Consulting will be responsible for the procurement, development, testing and the installation a new SCADA system including updated Wonderware Intouch, remote alarm notification and re-hosting the alarm process from the existing OPTO 22 Processor to the Allen Bradley communications processor.

Specifically, **BNCI shall be responsible for the following items:**

- 1: Procure one new Desktop computer with Windows 10 Pro.
- 2: Procure an upgraded version of Wonderware Intouch software. This includes one full development version and two runtime versions.
- 3: Upgrade the existing Wonderware application to the current version of Wonderware Intouch and install the application on the new Desktop computer as well as a second Desktop computer already in LWD's possession. This will replace the two Intouch stations currently in use with software compatible with Windows 10.
- 3: Procure, configure and install a new alarm notification system (TopView) that will utilize VOIP for alarm notification (to replace WIN-911). Note the District will be responsible for the VOIP server which is a subscription-based service. (Note: It is our understanding that the District already has VIOP connections and may only need to add 2 new connections.)
- 4: Procure, Configure and install required communications drivers.
- 5: Provide as-built drawings of the new configuration.
- 6: Remove the need for the existing keyboard, video and mouse extender (KVM).



- 7: Testing, startup and commissioning of the new system. This will be a staged conversion that keeps one original system in operation until the upgraded system has been tested and validated. At all times, the system redundancy will be maintained.
- 8: Develop Software Test Plans
- 9: Provide a Software Operations and Maintenance Manual covering the software developed for the upgrade.
- 10: Provide one year Warranty.
- 15: Provide three 4-hour training sessions training as required.

**DISTRICT or others will retain responsibility for the following items:**

- 1: VOIP external Server connection including firewall configuration for any path to the internet.

**Terms and Conditions:**

- 1: BNCI will invoice based on the following milestones:

Notice To Proceed	20%
Approval of Submittals	10%
Factory Acceptance Test Executed and Accepted	40%
Final System Acceptance	30%
- 2: All Invoices will be Net 30 days

**Changes to the scope of work:**

Should changes be identified that alter the scope of work agreed upon, adjustments will be made to the Fixed Price Costs.

**Schedule:**

BNCI will provide its portions of the submittals within 1 month of a notice to proceed.



Proposal for SCADA Upgrade  
For the Leucadia Waste Water District

Offered by Base9 Consulting

BNCI will complete the programming within 2 months after receipt of the notice to proceed.

### **Facilities**

Base9 Consulting, Inc. will perform the effort at locations deemed appropriate by BNCI.

### **Price**

Base9 Consulting offers the effort described above for the fixed price of \$70,000.00 (Seventy Thousand Dollars).

Signed

A handwritten signature in black ink that reads "Henry D. Logan".

8/11/2022

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Henry D. Logan

Base9 Consulting  
663 S Rancho Santa Fe Rd #674  
San Marcos, Ca 92078

(760) 390-5038 / [hdlogan@basenine.net](mailto:hdlogan@basenine.net)

\*\*\*\* End Of Document \*\*\*\*

New projects this month: 1  
Total active projects: 18

LEUCADIA WASTEWATER DISTRICT Development Services Aug-2022					
District Location Code		Project Name	Project Description	Estimated EDUs	Status
1	0929	CASCADA VERDE	Development with Sewer Connection	35	Plans signed. Inspection pending.
2	0943	LEUCADIA STREETScape	Streetscape Plan Check	Public Improvement	Phase 1 approved and under inspection. Further phases in review.
3	1006	Jason Street Storm Drain	Utility Conflict	Public Improvement	Waiting on mylars. Project on hold pending funding.
4	1015	Orpheus Avenue Drainage Improvements	Utility Conflict	Public Improvement	In Review. Provided PC1 and now waiting on City of Encinitas.
5	1032	Weston Annexation - La Costa Avenue	Annexation/Subdivision with Sewer Connection	48	In Review. Waiting on plan submittal.
6	1033	1528 N. Coast Highway	Development with Sewer Connection	14	Plans approved. Inspection ongoing.
7	1058	El Camino Real Building	Development with Sewer Connection	8.2	Plans approved. Construction start (lateral inspection) in progress.
8	1079	City of Encinitas - Leucadia Blvd & Hygeia Roundabout	Public Street Improvement	Public Improvement	Plans signed. Inspection pending.
9	1111	Marea Village 1900 & 1950 N Coast Hwy 101	Development with Sewer Connection.	148.9	Preliminary sewer study approved. Waiting on plan submittal.
10	1114	1143 Eolus Avenue Public Sewer Improvement Plan	Public Sewer Improvement	1	In-review.
11	1115	555 & 571 North Vulcan	Public Sewer Improvement	12	In-review.
12	1135	Woodside Development - La Costa Avenue	Development with Sewer Connection	95	Preliminary sewer study approved. Plans in-review..
13	1139	1967 Vulcan Avenue	Development with Sewer Connection	73	In-review
14	1151	Omni La Costa Resort-Spa	Tenant Improvement	Private Improvement Affecting LWD Sewer	In-review. Coordinating meeting with engineer.
15	1152	Piraeus Point	Development with Sewer Connection	149	Waiting on sewer study submittal.
16	1153	Thal One On	Tenant Improvement	22	Plans signed. Waiting on BMP.
17	1158	For Giving LLC Annexation - 936 Hymettus Ave	Annexation with Public Sewer Extension	3	Annexation under review.
18	1161	Stits Annexation - 1177 Eolus Avenue	Annexation with Public Sewer Extension	2	Annexation under review.



## DEVELOPMENT PROJECTS

1. Cascadia Verde
2. Leucadia Streetscape
3. Jason Street Storm Drain
4. Orpheus Avenue Drainage Improv.
5. Weston Annexation – La Costa Ave.
6. 1528 N. Coast Highway 101
7. 777 N. El Camino Real Building
8. City of Encinitas – Leucadia Blvd/ Hygeia Ave. Roundabout
- 21 9. Marea Village – 1900 & 1950 N. Coast Highway 101
10. Aldern Annexation – 1143 Eolus Ave.
11. 555 & 571 N. Vulcan Avenue
12. Woodside Development – La Costa Ave.
13. 1967 N. Vulcan Avenue
14. Omni La Costa Resort-Spa
15. Piraeus Point – Piraeus/Plato
16. Thai One On Restaurant
17. For Giving LLC Annex. – 936 Hymettus Ave.
18. Stits Annexation – 1177 Eolus Avenue

