

AGENDA

**ENGINEERING COMMITTEE MEETING
LEUCADIA WASTEWATER DISTRICT**
Wednesday, September 2, 2020 – 9:00 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: 874 1394 4972 **Password:** 190114

- 1. Call to Order**
- 2. Roll Call**
- 3. Public Comment**
- 4. New Business**
None.
- 5. Information Items**
 - A. Encinitas Estates Pump Station Project Status (verbal) (Pages 2 - 11)
 - B. Orchard Wood Road Pipeline Repair Project Status (verbal) (Pages 12 - 15)
 - C. Leucadia Pump Station Project Update (verbal)
- 6. Directors' Comments**
- 7. General Manager's Comments**
- 8. Adjournment**

Encinitas Estates Pump Station Replacement Project

Project Status

Tactical Goal: Infrastructure and Technology

(September 20)

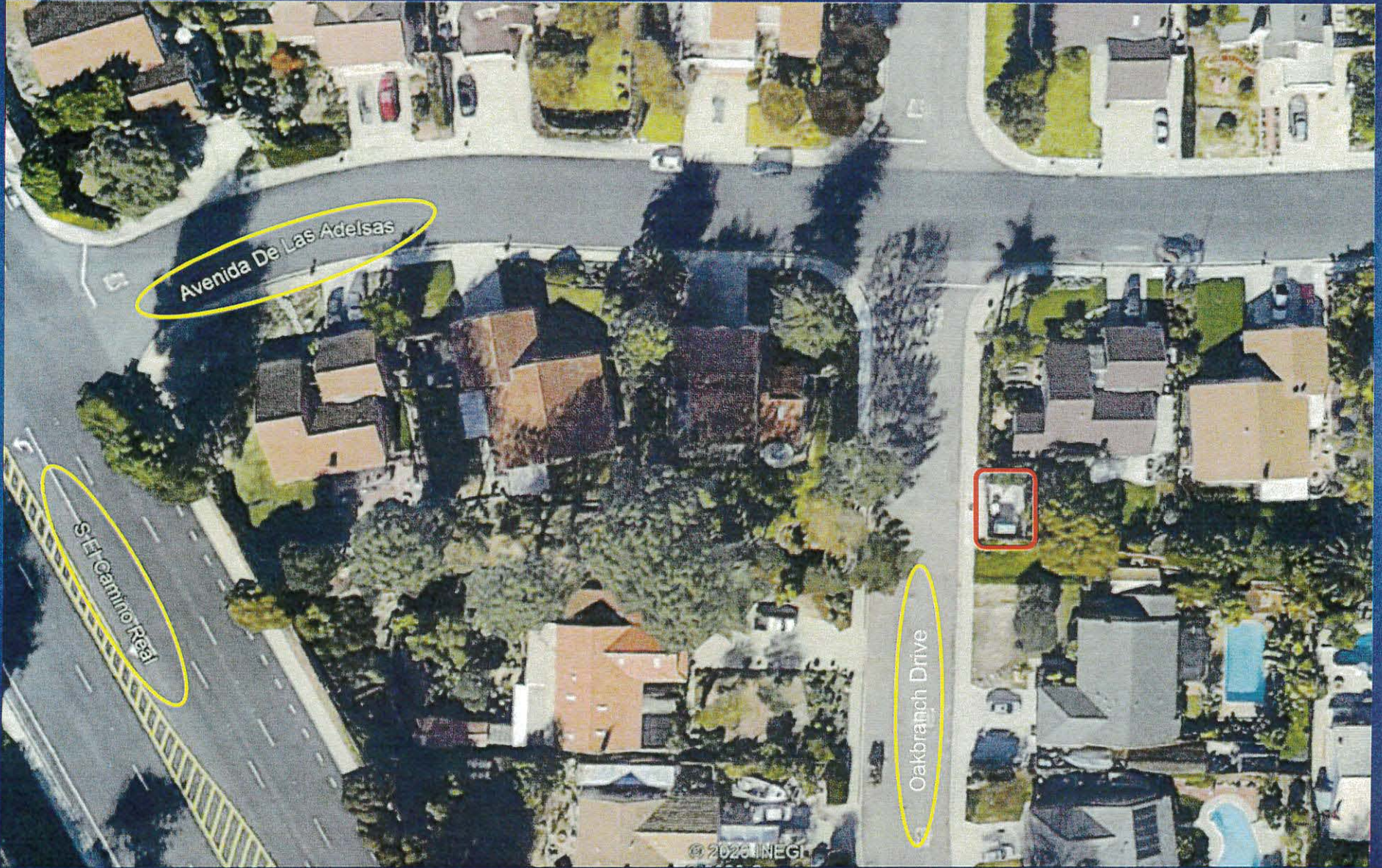
Background

- Encinitas Estates Pump Station (EEPS)
 - ❖ Smith & Loveless packaged pump station
 - ❖ Built in 1974
 - ❖ Pumps replaced in 1998

- 2014 Pump Station Assessment Report recommended replacement
 - ❖ Cast in place concrete wet well - 50 year life
 - ❖ Mechanical equipment replacement
 - ❖ Electrical components upgrade
 - ❖ Eliminate Smith & Loveless as sole source vendor
 - ❖ Submersible pump station advantages
 - ✓ Safer environment for staff
 - ✓ Easier, safer, more efficient to operate and maintain



Project Location



Avenida De Las Adelsas

S'El Camino Real

Oakbranch Drive

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Bid Timeline

- Design Completed JUN 20
- Project Out for Bids 06 JUL 20
- Bids Due 18 AUG 20
- Five Bids Received

Bid Results

ENCINITAS ESTATES PUMP STATION REPLACEMENT PROJECT

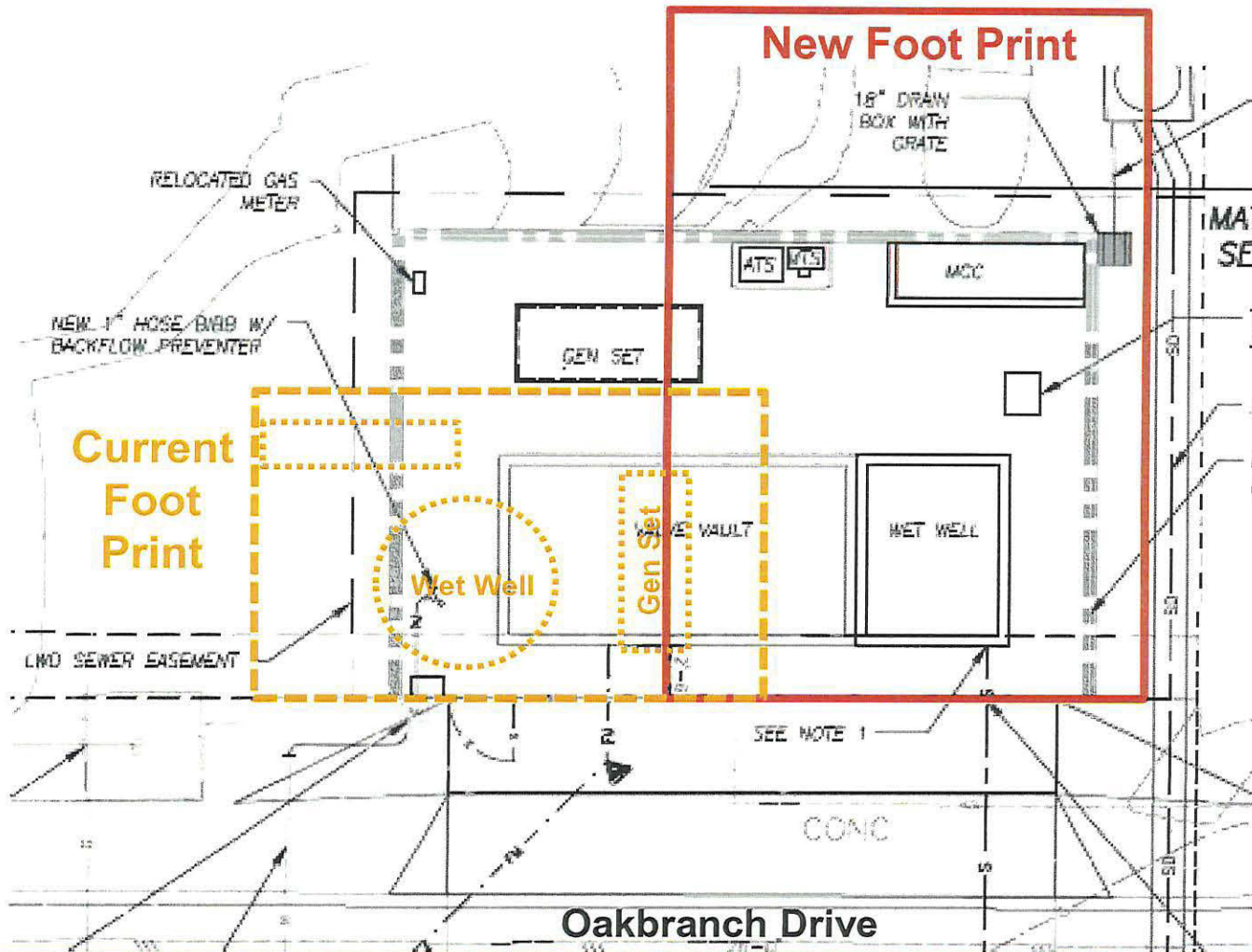
BID ITEM	BID DESCRIPTION	ENGINEER'S ESTIMATE	AVERAGE OF ALL BIDS	BLUE PACIFIC ENGINEERING & CONSTRUCTION	PACIFIC HYDROTECH CORPORATION	STANEK CONSTRUCTION	GREEN BUILDING CORPORATION	PCL CONSTRUCTION
TOTAL SHOWN IN BID		932,970	2,234,543	1,777,000.00	1,961,400.00	2,147,000.00	2,575,000.00	2,682,314.00

9

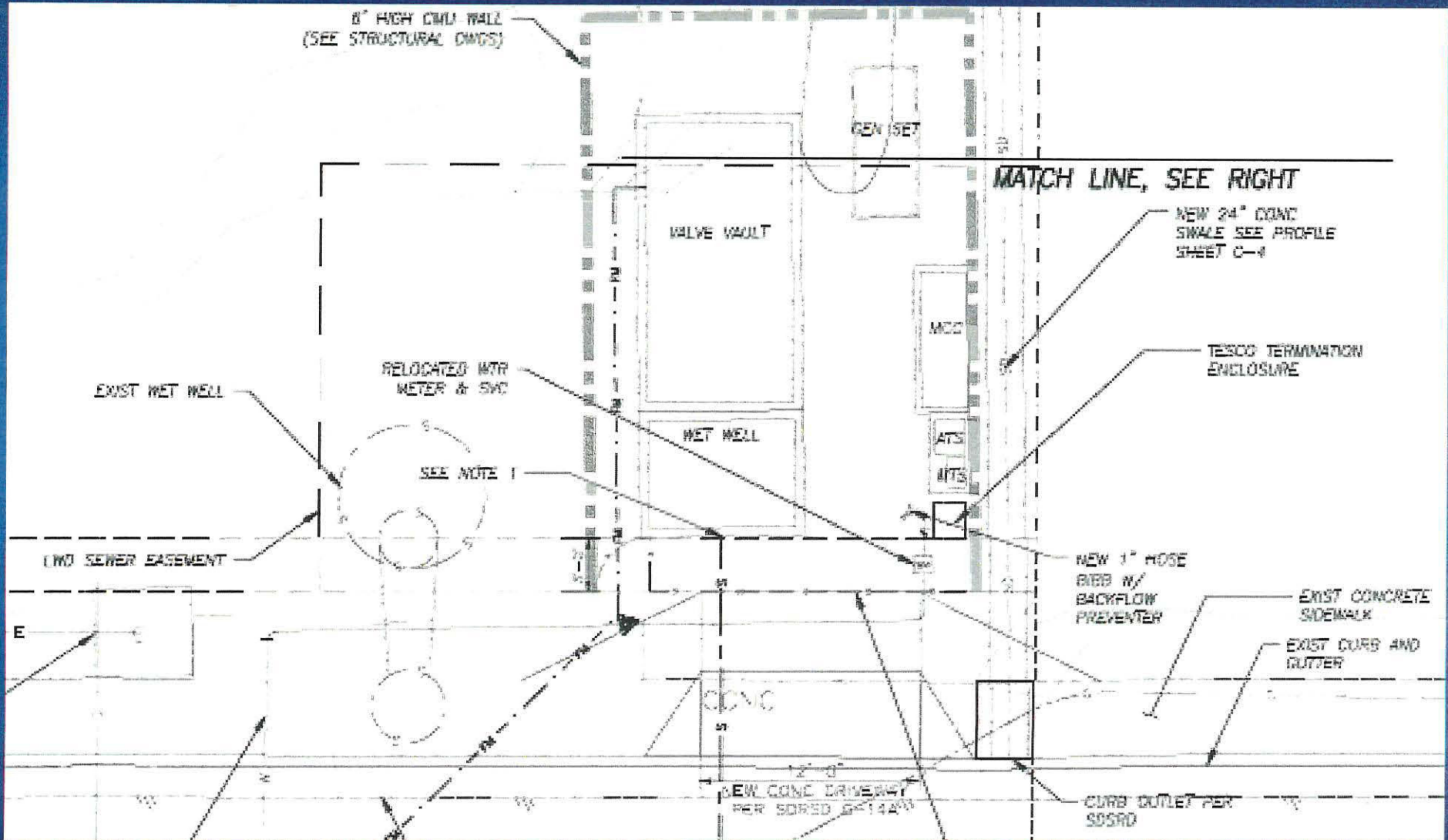
Options

- Award Contract on Bid Results
- Award on Bid Results and Negotiate Price
- Reject Bids and Rebid Project
- Reject Bids and Rebid Modified Project
- Delay Project and Bid at a Later Date

Reposition Pump Station



Modify Design



Additional Modifications

Pumps

- ~~Chopper Pump~~
- Standard w / Conditioning Pump

Electrical

- ~~Variable Frequency Drives~~
 - ❖ Costly
 - ❖ Smaller Cabinet
 - ❖ No Cooling Unit Required
 - ❖ Less Complexity

Questions / Comments

Orchard Wood Road Gravity Pipeline Repair

Tactical Goal: Infrastructure and Technology

(September 20)

Project Location / Concept



Discussion

- Obtain City of Encinitas Major Use Permit (MUP)
- MUP Requires Completion of Citizens Participation Program (CPP)
 - ❖ Conducted Virtually on 15 JUL 20, 6:00 - 8:00 PM
 - ❖ Three Residents Participated
 - ❖ No Issues with Project
 - ❖ CPP Report
 - ✓ Filed w / Encinitas, Approved on 13 AUG
 - ✓ Distributed to Participants on 14 AUG

Questions / Comments