

BOARD OF DIRECTORS  
INDIAN WELLS VALLEY WATER DISTRICT

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PLANT AND EQUIPMENT COMMITTEE  
REGULAR MEETING

REPORT

TUESDAY, DECEMBER 3, 2019 – 2:00 PM

BOARD ROOM  
500 W. RIDGECREST BLVD., RIDGECREST

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Attendees: David Saint-Amand, Stan Rajtora, Renee Morquecho, Jason Lillion and Ty Staheli.

**1. Call to Order**

The meeting was called to order at 2:00 pm.

**2. Committee/Public Comments**

None.

**3. Well Pumping Plant No. 35: Award of Contract**

On Thursday November 21, 2019, the District received the following bids for this project:

<u>CONTRACTOR</u>	<u>BID AMOUNT</u>
<b>Pacific Hydrotech Corporation</b>	<b>\$1,953,900.00</b>
Cora Constructors, Inc.	\$2,169,700.00
Bowe Contractors, Inc.	\$2,230,350.00

The apparent low bidder was Pacific Hydrotech Corporation. Krieger & Stewart reviewed the bids and Pacific Hydrotech's bid documents were all in order. Since Pacific Hydrotech is an experienced, capable contractor with a current Class A Contractor's License, Krieger & Stewart recommends awarding the contract to Pacific Hydrotech.

The Committee recommended awarding the Well Pumping Plant No. 35 project to Pacific Hydrotech Corporation in the amount of \$1,953,900.00.

**4. Dedication of Facilities: Tract 6908 Phase 1**

Staff presented dedication paperwork for Phase 1 of Tract 6908 constructed by IWV Construction, Inc. IWV Construction installed 678± LF of 8-inch PVC pipe along with a fire hydrant and three gate valves on Harriet Street and Ocean Drive. The only contingency is construction of a fire hydrant protection pad. The cost of all facilities was \$59,496.00. Committee recommended the Board acceptance of the new water facilities.

## 5. **Post-Earthquake Repairs and CalOES Reimbursement: Update**

Well 30: Completed and work accepted by the Board. Sent to CalOES for reimbursement. CalOES has requested additional information.

Well 10: Well 10 was pulled last month by Layne Christensen. The equipment was inspected, the well brushed, and bailed. There is sand at the bottom of the well. A test pump is being installed at this time to assist in determining where the sand is coming from. BESST, Inc. will be assisting with this project to determine where the sand is invading the well. This testing is scheduled for next week.

Tanks: The two bolted steel tanks that were damaged and taken out of service were inspected by Superior Tank Solutions. The District has their reports and a rough estimate of the rehabilitation cost for those tanks. The welded steel tanks were inspected by Rubicon Applied Divers in September and no seismic-related damage was found in those tanks. Staff will be pursuing mitigation funds for replacement of these tanks or at the very least, repairs with seismic upgrades. Staff will be putting together this request to CalOES.

C-zone booster building: After inspection by a structural engineer from Cornerstone Engineering (and a yellow tag), Soils Engineering, Inc.(SEI) came in September to evaluate the existing masonry structure of the building and determine what can be done to save it/retrofit the building to make it safe again. The report from SEI was sent to the structural engineer. Unfortunately, we experienced a delay in getting a retrofit recommendation from the structural engineer due to a fall and hospitalization and the project was assigned to another engineer. Cornerstone requested some measurements of the building and those were provided last week. Staff is now waiting for a design for the building retrofit so that this project can be put out to bid.

Gateway boosters: One of the booster cans/piping was damaged during the earthquakes but cannot be safely accessed due to the location of equipment under the building. Staff, along with Krieger & Stewart, completed a survey of the site. In addition, this site, plus the College tank site, was mapped using drone technology last month by Cornerstone Engineering. Circle Mountain Biological has surveyed the site and recommended a biologist be on site when digging outside the fenced-in area. Currently, staff is working on a plan to re-route piping in order to isolate the booster to stop the leak and build a new booster station to the east of the current one. Once design is complete, this project will be put out to bid.

## 6. **Well 11 Rehabilitation/Repair: Update**

Layne Christensen pulled Well 11 and inspected the equipment, brushed and bailed the well and performed a post-cleaning video. The video revealed a hole in the casing at around 59± ft below surface. Yesterday this hole was swaged by Longmire Swaging, Inc. and a post-swaging video performed to confirm proper placement. Layne will now be rebuilding the pump, servicing the motor and then re-installing the new equipment.

**7. Bulk Water Station Upgrades: Update**

Staff will now work on an estimate for the recommended changes to the site along with another option of moving the bulk water station to the District yard. There has been a delay in completing the estimates due to the current workload. Staff expects to complete the estimates in the next few weeks.

**8. Use of Wellntel for WSIP Monitoring Wells: Update**

Staff met with Marian Singer of Wellntel along with Lee Knudston and visited several sites where their technology can be installed. It was decided that Wellntel would install their system at the two private wells that are currently part of the WSIP monitoring program and at two additional District-owned monitoring wells. Wellntel will be installing the equipment next week December 12<sup>th</sup>.

**9. SCADA System Upgrade Project: Update**

Staff met with ATSI here at the District to review the program control narrative. ATSI will be ordering the materials in the next few weeks. Once received, they can begin building the system. The programming component of the project has already started.

**10. AMI Pilot Project: Update**

Around 8900 AMI registers have been installed. On December 16<sup>th</sup>, Neptune will be in town to install the new towers on District property. The City of Ridgecrest is still reviewing the mast design for installation on their facilities.

**11. Solar Production: Report**

The Committee reviewed the report provided by ENGIE Services for July to November 2019. The guaranteed savings during that time was \$210,419.16 and actual savings was \$213,229.37. The total actual savings since July 2018 is \$1,084,533.78.

**12. Future Agenda Items**

**13. Adjournment**

The meeting was adjourned at 2:21 pm.