

# **PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT**

**MEETING DATE:** January 26, 2023  
**AGENDA ITEM:** 7a  
**PRESENTER:** Paul Hendricks  
**SUBJECT:** Discuss and Take Possible Action Regarding the Status, Prioritization, and Funding of Capital Projects

## **BACKGROUND/DISCUSSION: USDA PROGRAM(S) & OTHER INITIATIVES**

### **USDA Capital Program:**

#### **Phase 1-**

#### **The District has received bids on Three Waterline Replacement Projects:**

- Bid Opening was December 15<sup>th</sup>, 2022.
  - Received three bids– Mountain High Excavating, Apache Underground Construction, and B4 Enterprise, Inc.
  - Apparent Lowest Responsive Responsible Bidder
    - Woodland Heights – Mountain High Excavating- - **\$2,504,780.00**-15,370 LF of 6" PVC
    - Cool Pines Phase "A" – Mountain High Excavating - **\$1,272,732.00**-4,167 LF 6" PVC
    - Whispering Pines – Apache Underground Construction- **\$353,848.00**- 2,245 LF 6" PVC
  - Bids and Contracts have been sent to USDA- awaiting approval.
- Approximate Start Date (NTP): February 2023 with projected Material Delivery March 2023.
- Construction Duration:
  - Woodland Heights: 150 Calendar Days of construction, after NTP and materials received.
  - Cool Pines Phase "A": 140 Calendar Days of construction, after NTP and materials received.
  - Whispering Pines: 100 Calendar Days of construction, after NTP and materials received.

#### **The District has received bids on the Strawberry View 3 (SV3) Deep Well Project:**

- Bid Opening was Jan 5<sup>th</sup>, 2023.
- Receive one bid from KP Ventures- **\$1,328,848.58**
- Approximate Start Date (NTP): April 2023 with NTP depends on availability of drilling rig and supply chain issues.
- Construction Duration:
  - 150 Calendar Days of construction, after NTP and materials received.
- **White Oak/Cedar Meadows–Footage 3,800 LF 6" PVC**
  - Engineering Estimate for the project- \$1,900,000.

- Received ATC from ADEQ.
- The project is scheduled for bidding in fall of 2023.
- **Portals 1 & 2 Water Line Replacement - Sunrise Engineering**
  - Sunrise provided a \$4,700,000 Engineers Estimate for 13,500 LF in Portals 1
  - Sunrise provided a \$1,400,000 Engineers Estimate for 4,000 LF in Portals 2
  - PSWID staff are reviewing 30% plans.
  - The project is scheduled for bidding in late 2023.
- **Modeling and GIS**
  - Sunrise Engineering has been asked to model changes in the water system to receive water from the new SV3 Deep Well.

#### **USDA Capital Program**

- **Interim Financing from WIFA for USDA Projects**
  - The District will be processing WIFA construction loan funds for disbursements requests on active construction projects.

The project team and EUSI are working to ensure that the District is prepared to move forward with the construction phase of projects as approved by the Board.

- Sunrise Engineering has been retained to provide the USDA required Resident Project Representation, (RPR) with Licensed Engineering oversight during construction, for all three (3) Phase 1 projects.
- Geo-Logic will provide the USDA required Resident Project Representation, (RPR) with Licensed Engineering oversight during construction of the 2,000, SV3 Deep Well.

#### **Non-USDA/WIFA Project Initiatives:**

- **Well and Water Production Infrastructure-**
  - Work is ongoing related to the inspection, repair, and improvement of existing wells to increase the amount of water available to meet water demands.
  - A new priority ranking is under development to define which wells will be serviced and improved.
  - The district is getting Task Order Quotes under the Job Order Contract with KP Ventures Well Drilling & Pump Services to perform priority well services.
  - A preliminary scope of work has been developed and the district is receiving quotes to rehabilitate Milk Ranch 1 well to restore pumping capacity and mitigate sand intrusion.
  - The district will continue to locate and assess septic system encroachments of district wells.
    - The District will need to develop a plan of action to address these encroachment issues.
- **Long Term Water Supplies**
  - The District is evaluating long term water supply options along with restoring existing well production capacity.
  - A draft report on the CC Cragin reservoir water supply has been received and is under review.
- **Leak Detection Activities.**
  - The system GIS and Model has been used to identify segments of the water system that can be isolate to measure excessive water losses. Consideration is ongoing to install a segment or mater meters that can compare water deliveries to water sold within the segment. The intent would then be to zero in on smaller areas and specific waterlines until underground leaks are located and repaired.

#### **WIFA Project Meeting Items Review and Action:**

- Review the USDA project list and procurement issues.
- WIFA Disbursements are reviewed and processed.
- Project Issues are addressed.
- EUSI personnel accompany District Staff as needed on field site visits and discuss project issues.
- District Staff continue working on leak response and detection activities.
- Well Status Assignment Logs and USDA Assignment Logs are updated and maintained.
- Additional DOL/WIFA employee interviews will be completed on active projects.
- EUSI staff check on the status of the WIFA Labor Boards on active projects.