

# **PINE-STRAWBERRY WATER IMPROVEMENT DISTRICT**

**MEETING DATE:** December 1, 2022  
**AGENDA ITEM:** 6.b  
**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-**

#### **Three Waterline Replacement Projects are Out for Bid with the Following Schedule:**

- Pre-bid meeting was held on Nov 18, 2022, with four (4) companies in attendance
- End of Bidder's Questions: Nov 25, 2022
- Response to Bidder's Questions (Final Addendum): Dec 2, 2022
- Bid Opening:
  - Woodland Heights: Dec 15<sup>th</sup>, 2022 at 2:00pm
  - Whispering Pines: Dec 15<sup>th</sup>, 2022 at 2:15pm
  - Cool Pines Phase "A": Dec 15<sup>th</sup>, 2022 at 2:30pm
- Approximate Start Date (NTP): Middle to End of January 2023 with projected Material Delivery March 2023.
- Construction Duration:
  - Whispering Pines: 100 Calendar Days of construction, after materials received.
  - Cool Pines Phase "A": 140 Calendar Days of construction, after materials received.
  - Woodland Heights: 150 Calendar Days of construction, after materials received.
- **Whispering Pines Waterline Replacement- 2,245 LF 6" PVC**
  - Final construction contract documents have been approved by USDA.
- **Cool Pines "A" Waterline Replacement- 4,167 LF 6" PVC**
  - Final construction contract documents have been approved by USDA.
- **Woodland Heights Phase A, B, and C Waterline Replacement- 15,370 LF of 6" PVC**
  - EUSI and PSWID staff are finalizing the last few resident signatures for Right of Entry.
  - Final construction contract documents have been approved by USDA.

#### **The Strawberry View 3 Deep Well Project will be Out for Bid with the Following Schedule:**

- Final construction contract documents have been approved by USDA.
- The new design will be using Stiff Foam rather than Dual Rotary to take less space, cost less, and open bidding to more drillers.
- Pre-bid meeting will be held on Dec 14, 2022
- End of Bidder's Questions: Dec 16, 2022
- Response to Bidder's Questions (Final Addendum): Dec 21, 2022
- Bid Opening: Jan 5<sup>th</sup>, 2023 at 2:00pm

- Approximate Start Date (NTP): Depends on availability of drilling rig and supply chain issues.
- Construction Duration:
  - 150 Calendar Days of construction, after materials received.
- **White Oak/Cedar Meadows–Footage 3,800 LF 6” PVC**
  - Due to price escalations, the project cost is estimate is now much higher that the budget.
  - Sunrise provided a \$1,900,000 Engineers Estimate for the project.
  - Topographic survey and base mapping being collected/prepared.
  - Potholing work is scheduled.
  - Following the ATC and USDA approval, the project is scheduled for bidding in late fall.
- **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
  - Topographic survey & base mapping has been collected, received mapping from Aerial company
  - The project is scheduled for bidding in early 2023.
- **Modeling and GIS**
  - Sunrise Engineering has been asked to model changes in the water system to receive water from the new Deep Well.

#### **USDA Capital Program**

- **Interim Financing from WIFA for USDA Projects**
  - WIFA funds are being used as interim funding for the engineering and project costs associated with the USDA capital program.
  - The district is processing disbursements requests on a monthly basis.

EUSI staff are working to ensure that the district is prepared to move forward with the first construction phase for USDA funded projects as approved by the Board.

- Sunrise Engineering has been asked to provide Resident Project Representation, (RPR) and Licensed Engineering oversight during construction, for all three (3) Phase 1 projects.

#### **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 from KP Ventures Well Drilling & Pump Services to perform priority well services.
  - The district will be issuing Task Orders for professional services to assist the district with locating septic system well encroachments.
    - The district will need to develop a plan of action to address these encroachment issues.
- **K2 Water Storage Tank Rehabilitation and Safety Items-Superior Tank Solutions, (STS)**
  - This work was completed.
  - When the tank was filled, a leak was observed. STS is working on a solution.
- **Long Term Water Supplies**
  - The District is evaluating long term water supply options along with restoring existing well production capacity.

- **Leak Detection Activities.**
  - On site “boots on the ground” work was completed with up to 10 minor leaks identified.
  - The District staff are following up on each of these points of interest.
  - It is recommended that the system GIS and Model be used to segment the water system and isolate the areas where excessive water losses are occurring. Following this, the District can zero in on smaller and specific waterlines.

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

- Review the USDA project list and procurement issues.
- WIFA Interim Financing and Disbursements are reviewed and processed.
- Project Issues are addressed.
- EUSI personnel accompany District Staff as needed on field site visits and discuss project issues.
- The 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.