

ENGINEERING COMMITTEE MEETING AGENDA

October 12, 2022 – 4:00 P.M.
Phelan Community Center
4128 Warbler Road, Phelan, CA 92371
& Via Conference Call (see below)

THIS MEETING WILL BE CONDUCTED PURSUANT TO THE PROVISIONS OF AB361, WHICH EFFECTIVE OCTOBER 1, 2021, MODIFIED CERTAIN REQUIREMENTS OF THE RALPH M. BROWN ACT WITH RESPECT TO REMOTE TELECONFERENCE BOARD MEETINGS DURING PERIODS OF STATE-DECLARED EMERGENCIES.

Pursuant to AB361, and as a precaution to our Board of Directors, District staff, and general public as a result of the ongoing COVID-19 pandemic, the Phelan Piñon Hills Community Services District will hold this meeting of its Board of Directors both in-person at the above location and via teleconference or video conference. Members of the public may watch and participate in the meeting by physical attendance or by Zoom or telephone conference via the remote instructions below.

REMOTE PARTICIPATION INFORMATION:

Dial-in

(669) 444-9171
Meeting ID: 885 3350 7832
Passcode: 746196

Zoom

<https://us06web.zoom.us/j/88533507832?pwd=NGxNeEcrd2x3MzFuMU43c05QSnFEQT09>
Meeting ID: 885 3350 7832
Passcode: 746196

One-Tap Mobile

+16694449171,,88533507832#

Remote Comment Procedure:

- You will be muted until you are called on during the public comment period.
- You will be recognized by the last 4 digits of your phone number or Zoom ID and asked if you have a comment.
 - If you do not have a comment, state “no comment.”
 - If you do have a comment, please state your name, where you live, and limit your comment to 5 minutes. After 5 minutes you may be muted so that others can comment.
- You may also email your public comment to the Board Secretary at ksevy@pphcsd.org by 4:00 p.m. on October 12, 2022. Your comment will be read into the record by the Board Secretary.

Please check the District website for updates on this meeting. We encourage you to sign up for our email notifications by emailing ksevy@pphcsd.org or by visiting our website and completing the signup form at www.pphcsd.org under the “Agendas and Minutes” tab.



Mission Statement:

The Mission of the Phelan Piñon Hills Community Services District is to efficiently provide authorized services and maximize resources for the benefit of the community.

Authorized Services:

- Water
- Parks & Recreation
- Street Lighting
- Solid Waste & Recycling

ENGINEERING COMMITTEE MEETING – 4:00 P.M.

Call to Order – Pledge of Allegiance

Roll Call1) **Approval of Agenda**

2) **Public Comment** – Under this item, any member of the public wishing to directly address the Board on any item of interest that may or may not be within the subject matter jurisdiction of the Board, but not listed on the agenda, may do so at this time. However, the Board is prohibited by law from taking any action on any item not appearing on the agenda unless the action is otherwise authorized by the Brown Act. Any member of the public wishing to directly address the Board on any item listed on the agenda may do so when the item is being considered by the Board. *If you wish to address the Board, please do so by the method listed on the first page of this agenda.* Speakers are requested to be brief in their remarks. The Chair may limit each speaker to a comment period of five (5) minutes.

3) **Approval of Minutes**4) **Oeste Recharge Study Project**5) **Discussion Regarding Water System**

- Pumps and Wells Services Agreement
- 10-Year Tank Rehabilitation & Maintenance Service
- Water Quality
- Service Line Replacement Program Update
- Other Repairs/Replacements/Updates/Maintenance

6) **Smithson Springs Update**7) **State Regulations Update**8) **Review of Current Projects**

- Pressure Zone 6
- New Well No. 15
- Mountain Well

9) **Staff Reports**10) **Review of Action Items**

- a) **Prior Meeting**
- b) **Current Meeting**

11) **Set Agenda for Next Meeting** – November 9, 202212) **Adjournment**

Pursuant to Government Code Section 54954.2(a), any request for a disability-related modification or accommodation, including auxiliary aids or services, that is sought in order to participate in the above-agendized public meeting should be directed to the District's General Manager at (760) 868-1212 at least 24 hours prior to said meeting.

Agenda materials can be viewed online at www.pphcsd.org

ENGINEERING COMMITTEE MEETING MINUTES

September 14, 2022 – 4:00 p.m.
Phelan Community Center
4128 Warbler Road, Phelan, CA 92371
& Remotely Via Zoom or Conference Call

Board Members Present: Mark Roberts, Director (Chair)
Kathy Hoffman, Director

Board Members Absent: None

Staff Present: Sean Wright, Water Operations Manager
Chris Cummings, Water Operations Assistant Manager
George Cardenas, Engineering Manager
Tony De La Rosa, Engineering Technician
Jennifer Oakes, Executive Management Analyst
Kim Sevy, HR & Solid Waste Manager/District Clerk
Aimee Williams, Administrative Technician II

Guests/Public: None

Call to Order

Director Roberts called the meeting to order at 4:01 p.m.

Roll Call

All Committee Members were present at Roll Call.

- 1) **Approval of Agenda**
Director Hoffman moved to approve the Agenda. Director Roberts seconded the motion. Motion passed unanimously.
- 2) **Public Comment** – None
- 3) **Approval of Minutes**
Director Hoffman moved to approve the Minutes. Director Roberts seconded the motion. Motion passed unanimously.
- 4) **Oeste Recharge Study Project**
Mr. Cardenas gave an update on the monitoring wells and discussed a report provided by Mojave Water Agency.

A handout was provided and is available on the website.
- 5) **Discussion Regarding Water System**
 - **Pumps and Wells Services Agreement**

Mr. Wright noted the District is in the process of rehabilitating Well 11. Well 14 has not been utilized this year other than for sampling.

- **10-Year Tank Rehabilitation & Maintenance Service**
- **Water Quality**
- **Service Line Replacement Program Update**

138 replaced this calendar year to date.

- **Other Repairs/Replacements/Updates/Maintenance**

The pipeline for Well No. 15 has been delivered. Still trying to obtain materials to complete the water meter replacement program. The Mountain Well in Zone G will be prioritized for development. Well 2A is showing signs of failing.

A written report is in the agenda packet for this meeting.

6) **Smithson Springs Update**

Mr. Wright reported that the flow is 1gpm or less, and there has not been as much growth recently. Ms. Oakes reported that Mojave Water Agency will be installing a weather station at this location and another location in the District to monitor rainfall in the area.

7) **State Regulations Update**

Ms. Oakes provided an update on SB1157. The indoor daily water allowance will be reduced from 55 gallons per person to 47 gallons per person in 2025, then to 42 gallons per person in 2030. The outdoor water allowance is still being reviewed.

8) **Review of Current Projects**

- **Pressure Zone 6**

Mr. Cardenas reported that the project will be moving forward soon.

- **New Well No. 15**

Mr. Wright reported that drilling should begin next month.

9) **Staff Reports**

Mr. Wright gave an update on the status of the recently completed Wilson Ranch Road Pipeline Project after the latest rainstorms.

10) **Review of Action Items**

- a) **Prior Meeting** – Staff investigated Tesla battery backups for wells.
- b) **Current Meeting** – None

11) **Set Agenda for Next Meeting** – October 12, 2022

- Add Mountain Well to Review of Current Projects

12) **Adjournment**

With no further business before the Committee, the meeting adjourned at 4:35 p.m.

Agenda materials can be viewed online at www.pphcsd.org

From: [Sean Wright](#)
To: [Aimee Williams](#); [Kim Sevy](#)
Cc: [Chris Cummings](#)
Subject: Engineering packet
Date: Monday, October 03, 2022 2:34:52 PM
Attachments: [image001.png](#)
[2018-19 Cost Sch 050718.pdf](#)
[PPHCSD 2022 Proposed Rates \(GPC\).pdf](#)
[image002.png](#)

Good Afternoon,

Can you please incorporate the 2 attachments and these 2 emails into the next engineering committee meeting for 10/12/22.

Year	CPI % increase over the prior year for San Bernardino County
2019	3.0%
2020	3.0%
2021	2.2%
2022	8.6%



SEAN WRIGHT

Water Operations Manager
Phelan Piñon Hills Community Services District
4176 Warbler Road, Phelan, CA 92371
P.O. Box 294049, Phelan, CA 92329-4049

760-868-1212 ext 314

760-885-7255 (Cell)

760-868-2323 (fax)

swright@pphcsd.org

<http://www.pphcsd.org/>

From: Michael Garcia <MGarcia@genpump.com>
Sent: Friday, September 30, 2022 9:22 AM
To: Sean Wright <swright@pphcsd.org>
Subject: Updated Contractual Rates

Hey Sean,

Had a discussion w/ Mike Bodart regarding our contractual rates. Being that we have not raised our rates since being awarded the contract in 2018 and we have seen an unprecedented rise in labor and fuels costs over the past couple years, we would like to request an **7.6%** raise on our contractual rates.

In reality, GPC is experiencing even higher cost increases on labor rates, fuel, equipment, etc., but

7.6% is in-line with the current Consumer Price Index (CPI) and we highly value our working relationship with the District, so we feel this is a fair middle ground. I personally really enjoy working with you and your team and hope we can continue for many years in the future.

I have attached the current rate sheet and the proposed new rate sheet for your review. The new rate for each line item has been raised by 7.6% (see attached). Please note the rates have been rounded up to the nearest dollar so I don't drive the accountants crazy. We want to make this transition as simple as possible for all involved.

It is my hope that you and your board find this acceptable and we can continue our productive and successful working relationship. Please review and let me know if you have any questions or need any additional info.

As always, thank you for the opportunity.

Take Care,
Michael R. Garcia
Project Manager / Engineer

GENERAL PUMP COMPANY, INC.

Main Office, and Pump Manufacturing and Engineering Facility

159 North Acacia Street

San Dimas, California 91773

O: 909-599-9606 ext 140

C: 909-721-5534

E: mgarcia@genpump.com



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PUMP
COMPANY**

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**BASE BID SCHEDULE
FOR
WELL & BOOSTER MAINTENANCE AND REPAIR ANNUAL SERVICE AGREEMENT**

Item #	DESCRIPTION	QUANTITY & UNIT	UNIT PRICE	AMOUNT
1	Costs related to insurance, and other miscellaneous Items related to contract start up	LS	\$ 500.00	\$ 500.00
**2	Price for an emergency call out: pull, reassemble and reinstall repaired and or new pump, motor, and related equipment excluding cost of motor and pump repairs. Assuming a 10" Vertical turbine, 250 HP Motor, and pump setting at 800 FT.	EA	1	24,440.00
3	Video Survey with side scan (provided in digital format)	EA	1	1,200.00
4	Spinner Log- continuous and stop count	EA	1	2,500.00
5	Discreet Sampling- per round trip of sampling tool 2"	EA	1	500.00
6				
7				
8				
9				
10				
11				
12				
13				

TOTAL BID SCHEDULE (Sum of Bid Items 1 through 13):

Twenty-nine Thousand One Hundred Forty and no/100----- Dollars \$ 29,140.00
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

**** Item #2 - Assumes Rig Access**

BID ITEM EQUIPMENT AND MATERIAL

EQUIPMENT AND MATERIAL	LEASED / OWNED OR RENTAL	UNIT	RATE \$
Crane 40-50 TON	L / <u>O</u> / R	Hourly	\$ 120.00
Pump Pulling Rig- 30 TON Capacity	L / <u>O</u> / R	Hourly	\$ 135.00
Cable Tool Rig- 5 TON Capacity	L / <u>O</u> / R	Hourly	\$ 10.00
Rotary Crane – 5 TON And Smaller	L / <u>O</u> / R	Hourly	\$ 20.00
Rotary Crane- 8 to 10 TON	L / <u>O</u> / R	Hourly	\$ 30.00
Rotary Crane- 15 to 30 TON	L / <u>O</u> / R	Hourly	\$ 135.00
Air Compressor, 600 CFM Minimum	L / <u>O</u> / R	Hourly	\$ 50.00
Welding Truck	L / <u>O</u> / R	Hourly	\$ 30.00
Service Truck- 1 TON or Smaller	L / <u>O</u> / R	Hourly	\$ 20.00
OTHER (Please Specify) Flatbed	L / <u>O</u> / R	Hourly	\$ 20.00
TOTAL Based on 100 Hours			\$ 570.00

TOTAL BID SCHEDULE (Sum of Bid Items Equipment and Material):

Fifty-seven Thousand and no/100 ----- Dollars \$ 57,000.00
 (Words) (Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

**BID ITEM HOURLY RATE- LABOR
(TO BE USED FOR NEGOTIATING COSTS)**

LABOR	REGULAR HOURLY RATE	NOTES
PUMP MECHANIC (FIELD)	\$ 90.00	
HELPER (FIELD)	\$ 30.00	
PUMP MECHANIC (SHOP)	\$ 95.00	
WELDER (FIELD)	\$ 95.00	2 Certified Welders (1 @ 30+ Yrs)
WELDER (SHOP)	\$ 70.00	
CRANE OPERATOR	\$ 90.00	9 Certified Crane Operators
CIVIL ENGINEER	\$ No Charge	1 @ 30+ Yrs Experience
HYDROGEOLOGIST	\$ No Charge	Registered PG-12 Yrs. Experience
ELECTRICIAN (FIELD)	\$ 120.00	2 @ 30+ Yrs Experience
ELECTRICIAN (SHOP)	\$ 70.00	2 @ 30+ Yrs Experience
TOTAL BASED ON 100 HOURS	\$ 660.00	

TOTAL BID SCHEDULE (Sum of Bid Items Hourly Rate- Labor):

Sixty-six Thousand and no/100 -----Dollars \$ 66,000.00
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

**BID ITEM HOURLY RATE- EMERGENCY LABOR
(TO BE USED FOR NEGOTIATING COSTS)**

LABOR	REGULAR HOURLY RATE	NOTES
PUMP MECHANIC (FIELD)	\$ 130.00	
HELPER (FIELD)	\$ 40.00	
PUMP MECHANIC (SHOP)	\$ 135.00	
WELDER (FIELD)	\$ 135.00	
WELDER (SHOP)	\$ 90.00	
CRANE OPERATOR	\$ 130.00	
CIVIL ENGINEER	\$ No Charge	
HYDROGEOLOGIST	\$ No Charge	
ELECTRICIAN (FIELD)	\$ 165.00	
ELECTRICIAN (SHOP)	\$ 90.00	
TOTAL BASED ON 100 HOURS	\$ 915.00	

TOTAL BID SCHEDULE (Sum of Bid Items Hourly Rate- Emergency Labor):

Ninety-one Thousand Five Hundred and no/100 ----- Dollars \$ 91,500
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

**BASE BID SCHEDULE
FOR
WELL AND BOOSTER MAINTENANCE AND REPAIR ANNUAL SERVICE AGREEMENT**

The Phelan Pinon Hills Community Services District reserves the right to reject any and all proposals, to waive any irregularities, or to award the contract to other than the lowest bidder.

Bidder's Authorized Representative

Signature 

Name (Print) Tom Nanchy

Title (Print) Sr. Proj. Mgr./Proj. Engr.

**BASE BID SCHEDULE
FOR
WELL & BOOSTER MAINTENANCE AND REPAIR ANNUAL SERVICE AGREEMENT**

Item #	DESCRIPTION	QUANTITY & UNIT	UNIT PRICE	AMOUNT
1	Costs related to insurance, and other miscellaneous items related to contract start up	LS	\$ 538.00	\$ 538.00
2	Price for an emergency call out: pull, reassemble and reinstall repaired and or new pump, motor, and related equipment excluding cost of motor and pump repairs. Assuming a 10" Vertical turbine, 250 HP Motor, and pump setting at 800 FT.	EA	1	\$ 26,298.00
3	Video Survey with side scan (provided in digital format)	EA	1	\$ 1,292.00
4	Spinner Log- continuous and stop count	EA	1	\$ 2,690.00
5	Discreet Sampling- per round trip of sampling tool 2"	EA	1	\$ 538.00
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TOTAL BID SCHEDULE (Sum of Bid Items 1 through 13):

Thirty One Thousand Three Hundred Fifty Six Dollars \$ 31,356.00
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

BID ITEM EQUIPMENT AND MATERIAL

EQUIPMENT AND MATERIAL	LEASED / OWNED OR RENTAL	UNIT	RATE \$
Crane 40-50 TON	L / O / R	Hourly	\$ 130.00
Pump Pulling Rig- 30 TON Capacity	L / O / R	Hourly	\$ 146.00
Cable Tool Rig- 5 TON Capacity	L / O / R	Hourly	\$ 11.00
Rotary Crane – 5 TON And Smaller	L / O / R	Hourly	\$ 22.00
Rotary Crane- 8 to 10 TON	L / O / R	Hourly	\$ 33.00
Rotary Crane- 15 to 30 TON	L / O / R	Hourly	\$ 146.00
Air Compressor, 600 CFM Minimum	L / O / R	Hourly	\$ 54.00
Welding Truck	L / O / R	Hourly	\$ 33.00
Service Truck- 1 TON or Smaller	L / O / R	Hourly	\$ 22.00
OTHER (Please Specify)	L / O / R	Hourly	\$ 22.00
TOTAL Based on 100 Hours			\$ 619.00

TOTAL BID SCHEDULE (Sum of Bid Items Equipment and Material):

Sixty One Thousand Nine Hundred Dollars \$ 61,900.00
 (Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

BID ITEM HOURLY RATE- LABOR
(TO BE USED FOR NEGOTIATING COSTS)

LABOR	REGULAR HOURLY RATE	NOTES
PUMP MECHANIC (FIELD)	\$ 97.00	
HELPER (FIELD)	\$ 33.00	
PUMP MECHANIC (SHOP)	\$ 103.00	
WELDER (FIELD)	\$ 103.00	
WELDER (SHOP)	\$ 76.00	
CRANE OPERATOR	\$ 97.00	
CIVIL ENGINEER	\$ No Charge	
HYDROGEOLOGIST	\$ No Charge	
ELECTRICIAN (FIELD)	\$ 130.00	
ELECTRICIAN (SHOP)	\$ 76.00	
TOTAL BASED ON 100 HOURS	\$ 715.00	

TOTAL BID SCHEDULE (Sum of Bid Items Hourly Rate- Labor):

Seventy One Thousand Five Hundred Dollars \$ 71,500.00
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.

BID ITEM HOURLY RATE- EMERGENCY LABOR
(TO BE USED FOR NEGOTIATING COSTS)

LABOR	REGULAR HOURLY RATE	NOTES
PUMP MECHANIC (FIELD)	\$ 140.00	
HELPER (FIELD)	\$ 44.00	
PUMP MECHANIC (SHOP)	\$ 146.00	
WELDER (FIELD)	\$ 146.00	
WELDER (SHOP)	\$ 97.00	
CRANE OPERATOR	\$ 140.00	
CIVIL ENGINEER	\$ No Charge	
HYDROGEOLOGIST	\$ No Charge	
ELECTRICIAN (FIELD)	\$ 178.00	
ELECTRICIAN (SHOP)	\$ 97.00	
TOTAL BASED ON 100 HOURS	\$ 988.00	

TOTAL BID SCHEDULE (Sum of Bid Items Hourly Rate- Emergency Labor):

Ninety Eight Thousand Eight Hundred Dollars \$ 98,800.00
(Words)

(Figures)

Bidder hereby acknowledges that all bid prices include any amounts payable by Owner for taxes which may result from this proposal.