



**FALLBROOK PUBLIC UTILITY DISTRICT  
MEETING OF THE ENGINEERING & OPERATIONS COMMITTEE**

**THURSDAY, SEPTEMBER 16, 2021  
2:00 P.M.**

**FALLBROOK PUBLIC UTILITY DISTRICT  
990 E. MISSION RD., FALLBROOK, CA 92028  
PHONE: (760) 728-1125**

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**AGENDA**

**PURSUANT TO WAIVERS TO CERTAIN BROWN ACT PROVISIONS UNDER EXECUTIVE ORDERS ISSUED BY GOVERNOR NEWSOM RELATED TO THE COVID-19 STATE OF EMERGENCY THIS MEETING WILL BE CONDUCTED VIA WEB AND TELECONFERENCE USING THE BELOW INFORMATION. HOWEVER, MEMBERS OF THE PUBLIC MAY ALSO PARTICIPATE IN THIS MEETING BY ATTENDING IN PERSON AT THE DISTRICT OFFICE LOCATED AT 990 E. MISSION RD., FALLBROOK, CA 92028. MEMBERS OF THE PUBLIC WHO DO NOT WISH TO ATTEND IN PERSON ARE ENCOURAGED TO PARTICIPATE IN THE BOARD MEETING VIA WEB CONFERENCE USING THE BELOW CALL-IN AND WEBLINK INFORMATION.**

**Join Zoom Meeting**

<https://us06web.zoom.us/j/83536948095?pwd=eFIMYmtMVG1McU8xUXZpOHZ1eWNDZz09>

**MEETING ID:** 835 3694 8095

**AUDIO PASSCODE:** 183982

**Dial by your location**

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+1 312 626 6799 US (Chicago); +1 646 558 8656 US (New York); +1 301 715 8592 US (Washington DC)

**Find your local number:** <https://us06web.zoom.us/j/83536948095?pwd=eFIMYmtMVG1McU8xUXZpOHZ1eWNDZz09>

**PUBLIC COMMENTS:** Members of the public may submit public comments and comments on agenda items in one of the following ways:

**SUBMIT COMMENTS BEFORE THE MEETING:**

- By emailing to our Acting Board Secretary at [mavisc@fpud.com](mailto:mavisc@fpud.com)
- By mailing to the District Offices at 990 E. Mission Rd., Fallbrook, CA 92028
- By depositing them in the District's Payment Drop Box located at 990 E. Mission Rd., Fallbrook, CA 92028

All comments submitted before the meeting by whatever means must be received at least 1 hour in advance of the meeting. All comments will be read to the Board during the appropriate portion of the meeting. Please keep any written comments to 3 minutes.

**REMOTELY MAKE COMMENTS DURING THE MEETING:** The Board President will inquire prior to Board discussion if there are any comments from the public on each item.

- Via Zoom Webinar go to the "Participants List," hover over your name and click on "raise hand." This will notify the moderator that you wish to speak during oral communication or during a specific item on the agenda.
- Via phone, you can raise your hand by pressing \*9 to notify the moderator that you wish to speak during the current item.

**MAKE IN-PERSON COMMENTS DURING THE MEETING:** The Board President will inquire prior to Board discussion if there are any comments from the public on each item, at which time members of the public attending in person may make comments.

**THESE PUBLIC COMMENT PROCEDURES SUPERSEDE THE DISTRICT'S STANDARD PUBLIC COMMENT POLICIES AND PROCEDURES TO THE CONTRARY.**

*If you have a disability and need an accommodation to participate in the meeting, please call the Board Secretary at (760) 999-2704 for assistance.*

**I. PRELIMINARY FUNCTIONS**

CALL TO ORDER / ROLL CALL

PUBLIC COMMENT

**II. ACTION / DISCUSSION-----**(ITEMS A-C)****

- A. AWARD OF SOLAR SUPPORT CONTRACTS FOR MAIN OFFICE AND WASTEWATER TREATMENT PLANT
- B. REQUEST FOR APPROVAL TO PURCHASE HYDRO EXCAVATOR
- C. AWARD OF GREEN CANYON FORCE MAIN REPLACEMENT PROJECT

**III. ADJOURNMENT OF MEETING**

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**DECLARATION OF POSTING**

I, Mavis Canpinar, Acting Executive Assistant/Board Secretary of the Fallbrook Public Utility District, do hereby declare that I posted a copy of the foregoing agenda in the glass case at the entrance of the District Office located at 990 East Mission Road, Fallbrook, California, at least 72 hours prior to the meeting in accordance with Government Code § 54954.2.

I, Mavis Canpinar, further declare under penalty of perjury and under the laws of the State of California that the foregoing is true and correct.

9/9/21  
Dated / Fallbrook, CA

/s/Mavis Canpinar  
Acting Executive Assistant/Board Secretary

## M E M O

**TO:** Engineering and Operations Committee  
**FROM:** Kevin Collins, Purchasing/Warehouse/Fleet Supervisor  
**DATE:** September 16, 2021  
**SUBJECT:** Approval of Solar Support Contracts for Main Office and Wastewater Treatment Plant

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Description

To consider approval of solar support contracts for the Main Office and Wastewater Treatment Plant. Neither site currently has an active contract for solar support; staff have reviewed all options and recommend awarding a 5 year contract to Sunpower for the Wastewater Treatment Plant solar array and a 5 year contract to Baker Electric for the main office solar array.

Purpose

In 2011, FPU D entered into a 10 year Operations and Maintenance agreement with Sunpower for the solar field at the Wastewater Treatment Plant. This agreement, which expired 6/30/21, covered preventative maintenance and monitoring. Due to the fact that most of the array runs on proprietary hardware, staff is recommending that Sunpower continue to provide services for the solar field and be awarded a five-year contract extension.

In addition to the solar field at the WWTP, staff also issued an RFP to obtain a new monitoring software and preventative maintenance contract for the solar array at the main office. Of the eight solar providers contacted by the District, one response was received by Baker Electric. After reviewing the proposal and discussing all options, staff is recommending Baker be awarded a five-year contract.

	<b>Baker Electric</b>	<b>Sunpower</b>
Monitoring Software @ WWTP (5 year term)	N/A	\$0 (Currently active)
Monitoring Software @ Main Office (5 year term)	\$20,792.00 (new install)	N/A
Preventative Maintenance @ WWTP – Year 1	N/A	\$24,966.00
PM @ WWTP – Year 2	N/A	\$25,714.98
PM @ WWTP – Year 3	N/A	\$26,486.43
PM @ WWTP – Year 4	N/A	\$27,281.02
PM @ WWTP – Year 5	N/A	\$28,099.45
PM @ Main Office – Year 1	\$3,684.00	N/A

PM @ Main Office – Year 2	\$3,867.00	N/A
PM @ Main Office – Year 3	\$4,061.00	N/A
PM @ Main Office – Year 4	\$4,264.00	N/A
PM @ Main Office – Year 5	\$4,477.00	N/A
Labor Rates/Markup on Parts	\$145/hr + 15% markup on materials	\$150/hr + 15% markup on materials
<b>Total Cost of Contract – 5 Year Term</b>	<b>\$41,145.00</b>	<b>\$132,547.88</b>

Budgetary Impact

The cost for the year 1 Sunpower renewal will come from the \$25,000 Wastewater contract services budget approved by the BOD for FY 21-22. The cost for the year 1 Baker contract and software install will come from the \$120,000 Admin Warehouse building services budget approved by the BOD for FY 21-22.

Recommended Action

That the Committee recommend to the Board the award to Sunpower for a 5 year contract in the total amount of \$132,547.88 for solar support at the Wastewater Treatment Plant and a 5 year contract in the total amount of \$41,145.00 for solar support at the Main Office.

August 28, 2021

To: Kevin Collins <kcollins@fpud.com>

RE: M0836 Fallbrook Public Utility District; O&M Service Proposal

Dear Kevin,

At SunPower we are committed to ensuring that you will benefit from a well-maintained solar system. Our Operation and Maintenance services provide assurance that your system is performing optimally throughout its useful lifecycle and can protect your investment by prolonging the life of system components and minimizing system downtime.

We are pleased to offer the **Performance Plus** service package. Performance Plus includes the following scope. Additional services can be provided on a time and materials basis as Transactional Services.

System Services	Service Description	Performance Plus
<b>Monitoring &amp; Reporting</b>	Data Connection (Cellular or SCADA)	✓
	Customer Technical Support Hotline	✓
	EnergyLink®	✓
	Daily Performance Monitoring and Notification	✓
	Performance Reports	Monthly
<b>Annual Preventative Maintenance (PM)</b>	Inverter PM	✓
	PV Module Inspection	✓
	Balance of Systems Inspection	✓
	Tracker inspection, lubrication, and alignment	✓
	Metrological Station Inspection and Cleaning	✓
	Site Conditions Inspection	✓
	Maintenance Reporting	✓
<b>Troubleshooting &amp; Diagnostics</b>	Remote Equipment Resets	✓
	Onsite Inverter and DAS Resets	2X Annually
	On-site troubleshooting and diagnostics of system components	✓
	Warranty Administration	✓
	Verification of warranty repair or replacement	✓
Project Specific Services	Service Description	Performance Plus
<b>Module Cleaning</b>	Module Surface Cleaning Procedure	1X Annually
<b>Transformer Preventive Maintenance</b>	Inspections and Testing, Including Oil Testing Where Applicable	✓

First year renewal pricing for the Performance Plus service agreement and Project Specific Services is offered at **\$24,966**. This assumes a 5-year contract term with a 3 % escalator. This proposal is valid through December 31, 2021.

We appreciate your consideration and look forward to your feedback.

Sincerely,

Lenae Shirley | Sr Mgr, Commercial O&M Business Ops  
 8900 Amberglen Blvd., Suite 325, Austin, TX 78729  
 office 512.768.4475 | mobile 512.422.6954

**Additional O&M Services – Transactional Services**

Additional services can be provided on a time and materials basis as identified with the customer and are for services not already included in the System Services under contract.

Transactional Service	Amount	Rates and Charges
Engineering Support	\$175/hr.	Hourly rate for labor performed on site by any employees or contracted personnel of SunPower or of any of its affiliates, to the extent not expressly included in the Subscription Services.
Field Service Support	\$150/hr.	
Third Party Goods and Services	Billed as incurred plus 15%	Any expenses or charges assessed on or delivered to SunPower by any third party for goods and services, including without limitation labor, materials, travel expenses or equipment, to the extent not expressly included in the Subscription Services.
Travel Expenses	Billed as incurred	Reasonable transportation, lodging, meals, and other travel expenses.
Products and Materials	Current SunPower retail pricing	Products, equipment, materials and any other goods manufactured or otherwise provided by SunPower or its affiliates as set forth in an executed PO.

August 19, 2021

Fallbrook Public Utility District  
 990 E. Mission Road  
 Fallbrook, CA 92088

**Project: Fallbrook PUD – District Owned Solar Arrays - Request for Proposals to provide Consulting Services and Necessary Repairs**

We propose to furnish labor, materials, and equipment to perform the electrical work on the above referenced project for the amount shown below. This pricing is based on the scope of work as described in the RFP dated 07/01/2021 and on the following qualifications and exclusions. This pricing is contingent upon contract terms and conditions being acceptable to Baker Electric. Addenda 1 has been recognized.

<b>SCOPE SECTION IV – COST PROPOSAL – ITEM 2A</b>	
<b>Monitoring / Data Acquisition</b>	
DAS equipment and enclosures, Weather Station, Revenue grade meters(s), Cellular Gateway, 5 Years Monitoring and Cellular Service.	
<b>OPTION 1 - Also Energy</b>	
Power Light Commercial Solution 400 (please see attached)	
<b>Description:</b>	<b>Amount:</b>
990 E. Mission Road	\$20,792.00
1425 S. Alturas Road	\$37,025.00
<b>TOTAL:</b>	<b>\$57,817.00</b>
<b>OPTION 2 - eGauge</b>	
EG4015 – 64E Solution (please see attached)	
<b>Description:</b>	<b>Amount:</b>
990 E. Mission Road	\$20,295.00
1425 S. Alturas Road	\$26,390.00
<b>TOTAL:</b>	<b>\$46,685.00</b>

<b>SCOPE SECTION IV – COST PROPOSAL – ITEM 2A</b>	
<b>Monitoring / Data Acquisition – Renewal fees</b>	
<b>Anticipated 5 year monitoring renewals fees at Year 6.</b>	
<ul style="list-style-type: none"> <li>• These fees are estimated and are provided for informational/planning purposes only.</li> <li>• All renewal fees are assumed to be purchase by PUD directly from the service provider.</li> </ul>	
<b>OPTION 1 - Also Energy</b>	
<b>Description:</b>	<b>Amount:</b>
990 E. Mission Road	\$2,503.00
1425 S. Alturas Road	\$4,862.00
<b>TOTAL:</b>	<b>\$7,365.00</b>
<b>OPTION 2 - eGauge</b>	

*System sizing, design, and pricing are proprietary and confidential*

Description:	Amount:
990 E. Mission Road	\$1,309.00
1425 S. Alturas Road	\$1,309.00
<b>TOTAL:</b>	<b>\$2,618.00</b>

**SCOPE SECTION IV – COST PROPOSAL – ITEM 2B**  
**Yearly Visual Inspection – Preventative Maintenance**

Please see below narrative for the Preventative Maintenance scope of work.

**990 E. Mission Road**

Description:	Amount:
Year 1	\$3,684.00
Year 2	\$3,867.00
Year 3	\$4,061.00
Year 4	\$4,264.00
Year 5	\$4,477.00
<b>TOTAL:</b>	<b>\$20,353.00</b>

**1425 S. Alturas Road**

Description:	Amount:
Year 1 (Includes required Satcon 10-year Maintenance Inspection)	\$38,995.00
Year 2	\$8,675.00
Year 3	\$9,077.00
Year 4	\$9,502.00
Year 5	\$9,946.00
<b>TOTAL:</b>	<b>\$76,195.00</b>

**PREVENTATIVE MAINTENANCE INSPECTION SCOPE OF WORK**

This Performance Work Statement is a list of the services Baker Electric anticipates shall be required for the above referenced project. As of the commencement date, Baker Electric shall provide the services identified below at the frequency indicated in accordance with the terms and conditions of this agreement.

ITEM	INCLUDED	SERVICE DESCRIPTION	FREQUENCY
1	Yes	Visual inspection of the solar facility's general site conditions, PV arrays, electrical equipment, mounting structure, animal damage, corrosion, and discolored panels.	1 X PER YEAR
2	Yes	Inverter preventive maintenance for each inverter per manufacturer's recommendations.	1 X PER YEAR
3	Yes	DC string-level operating current test.	1 X PER YEAR

*System sizing, design, and pricing are proprietary and confidential*

4	Yes	Infrared scans of installed AC/DC PV equipment, including: Inverters, combiners, re-combiners, transformers, disconnects and net generation output meters.	1 X PER YEAR
5	Yes	Check calibration expiration on installed meteorological station sensors and meters, including: Pyranometers, anemometers, and temperature sensors.	1 X PER YEAR
6	Yes	Document details of preventive maintenance work, such as condition observations, work performed, meter readings, thermal images, and system testing results.	1 X PER YEAR
7	Yes	Make recommendations as necessary for roof maintenance, repair or replacement of system components as needed.	1 X PER YEAR

**SCOPE SECTION IV – COST PROPOSAL – ITEM 2C**

**Hour rate and material markup**

The following rates represent hourly rates for commercial solar service electricians effective May 31, 2021 - June 5, 2022 and are subject to annual escalation.

- Regular-time rates apply for service work performed Monday - Friday 7:00 a.m. - 3:30 p.m.
- Over-time rates apply for service work performed Monday - Friday 3:30 p.m. - 7:30 p.m.
- Double-time rates apply for service work performed outside of the above referenced time frames and after 3:30 p.m. emergency call outs.

HOURLY LABOR RATES	MINIMUM 4 HOUR CHARGE
Regular time: \$145	\$579
Overtime: \$217	\$868
Double-time: \$289	\$1,157

Material markup	15.00%
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**PAYMENT TERMS**

Payment for the above services will be due in full upon completion of the work. If the duration of the project extends past one month, Baker Electric will submit an invoice for the work accomplished in that month. All invoices are due and payable Net 30 days of receipt or 1 - 2% interest per month may be added at the sole election of our firm. In the event it shall become necessary for Baker Electric to institute legal proceedings to collect the cost of the installation charge as set forth herein, then and in that event the unsuccessful party shall pay to the successful party reasonable attorney fees.

**Inclusions & Clarifications:**

1. All pricing is based on all areas being awarded concurrently to Baker Electric. Any breakouts provided are for accounting purposes only.
2. Proposal includes standard manufacturer warranties on any equipment and materials provided by Baker Electric. Outside of the manufacturer's provided warranty on the equipment, Baker

*System sizing, design, and pricing are proprietary and confidential*



Electric provided a standard 1-year warranty on labor associated with the preventative maintenance inspection. This 1-year warranty protects the owner from workmanship related items. The warranty does not cover any type of natural disaster, vandalism or warranty claims resulting from tampering.

3. A one-year workmanship warranty is included for the DAS installation.
4. Pricing is based on non-prevailing wage rates.
5. Work will be performed during normal business hours. 7:00 a.m. and 3:30 p.m. Monday - Friday.
6. Pricing includes revenue grade meter, data logger, weather station, cellular gateway, and associated hardware, conduit, and cabling for the data acquisition system (DAS). 5 years of Cellular Service and Third-Party Monitoring fees are included. The customer will be responsible for providing any required dedicated internet connection for the duration of the Third Party monitoring service.
7. Pricing includes Sales Tax.
8. This quotation is valid for (30) days from the date of pricing.
9. NOTICE: THIS PROPOSAL IS CONTINGENT ON A LACK OF IMPACT BY THE CORONAVIRUS NATIONAL EMERGENCY. Given the existence of the coronavirus pandemic, Baker Electric will use its best efforts to staff and supply this project to be able to hit the scheduled completion date **but reserves its right to seek an excusable extension of time if Baker Electric or its subcontractors and suppliers are unable to maintain planned crew sizes due to the illness, supply shortages or governmental restraints on business, travel and/or assembly.** To the extent that the project is suspended pursuant to the terms of the proposed Contract, we intend to seek additional costs associated with the suspension.

#### Exclusions:

1. Bonds (our bond rate is 1%).
2. Architectural, Civil, or Corrosion Engineering.
3. Special inspections, third party testing, Inspector of Record (IOR) Services.
4. BIM / 3D Modelling.
5. Provisions to bring the existing systems up to current code.
6. Permits, permit fees.
7. Formal traffic control plans or permitting.
8. Utility upgrades fees, equipment, and materials.
9. Replacement of existing main switchboard (MSB) or any modifications to bring the electric meter room up to current code or utility provider standards.
10. Modifications or connections to any existing Generator, ATS, or other Emergency bypass power systems.
11. UL Field Certification.
12. String level monitoring, kiosk display, integration into the Building Management System (BMS), or any required dedicated internet connection for the Data Acquisition System (DAS).
13. Allowances for unforeseen conditions.
14. Performance guarantees.
15. Extended warranties on any materials or equipment.
16. Bird deterrent mesh, bird spikes.
17. Mandrelling of any existing conduits.

*System sizing, design, and pricing are proprietary and confidential*

18. Re-roofing, roof patch, stanchion flashings. Roof inspection and re-certification of existing warranty on the existing roof.
19. Removal, relocation, or additions to any satellite systems, mechanical, HVAC, or gas lines or equipment.
20. Scaffolding.
21. Structural upgrades of existing structures.
22. Waterproofing of PV modules or racking components. Inter-module waterproof beading.
23. Construction fencing, permanent chain link fence, array or equipment enclosures.
24. Lightning protection, fire sprinkler, fire alarm, CCTV, surveillance, or security systems.
25. Painting of PV racking substructures, conduit, j-boxes, electrical or PV equipment.
26. Plumbing of any kind.
27. Stainless steel or PVC coated hardware, accessories, or appurtenances.
28. Vandalism maintenance, tamper resistant hardware.
29. Vegetation management, module washing.
30. Off hours security.
31. Temporary Power.
32. Dumpsters, recycle bins, toilets, or wash stations.
33. Virtual Net Metering (NEM-V), Net Generation Output Metering (NGOM).
34. Any improvements required to bring the property to current Building Code and/or ADA Compliance.

Sincerely,



Kathleen Matthews  
Senior Estimator – Commercial Solar  
Baker Electric, Inc.

**M E M O**

**TO:** Engineering and Operations Committee  
**FROM:** Kevin Collins, Purchasing/Warehouse/Fleet Supervisor  
**DATE:** September 16, 2021  
**SUBJECT:** Request for Approval to Purchase Hydro Excavator

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Description

This request is for the Engineering and Operations Committee to recommend approval from the Board to purchase one hydro excavator from Municipal Maintenance Equipment (MME) for \$79,157.46. The current hydro excavator owned by the District is heavily utilized for tasks such as potholing and valve replacements. By purchasing another, field staff can work on multiple job sites at the same time.

Purpose

The District currently owns one hydro excavator, purchased in 2019, and it has become extremely valuable to field staff. The hydro excavator prevents wear and tear on Vector trucks and enables staff to perform excavation around leaking service lines and mains. The hydro excavator is a much safer option when excavating near other live utilities and is also used during valve replacements to expose the connection points quicker and safer than using a backhoe. Due to the numerous tasks the current hydro excavator has assisted with, field staff have asked for an additional hydro excavator to be purchased, enabling them to perform at multiple job sites at the same time.

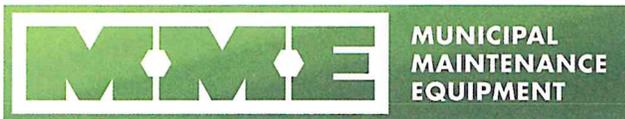
Purchasing sent a Request for Quotation (RFQ) to six vendors on 7/20/21. Of those six, three submitted – MME, Haaker, and Vermeer. MME produced the lowest responsive and responsible bid.

Budgetary Impact

This asset will be purchased as part of the fleet replacement plan, which has an overall budget of \$615,500 for FY 21-22. Currently, there is \$458,120.51 remaining of that budget; a total of \$378,963.05 will be left after purchase of the hydro excavator.

Recommended Action

The Committee recommend the Board authorize the purchase of one hydro excavator from Municipal Maintenance Equipment (MME) for \$79,157.46.



CSLB #980409  
DIR 1000004282  
www.source-mme.com  
Toll Free 1-888-484-9968

August 26, 2021

Fallbrook Public Utilities District  
990 E. Mission Road  
Fallbrook, CA 92028

Tel: 760-999-2734  
kcollins@fpud.com

Attention: Kevin Collins, Purchasing/Warehouse Supervisor

We are pleased to provide the following quotation on the Pipehunter VacHunter Model 3235 Dual Axle Hydro-Excavator Trailer for your review.

One (1) Each PipeHunter VacHunter Dual Axle Trailer complete with the following features:

Debris Tank:

- 600 Gallon Capacity
- Hydraulic Rear Door
- Hydraulic Dump Tank Lift
- High-Pressure Body Washout System
- 3" Drain Port with 10' Layflat Hose
- Debris Tank Float Ball Indicator
- Ladder on Debris Tank

Water System:

- Dual 100 Gallon Water Tanks – Aluminum (200 Gallons Total)
- 25' Fill Hose with Storage Rack
- Hydro Excavation Gun 0 Degree Tip
- Spinner Nozzle
- Ext. Tube 5' Stainless Steel 3/4"
- Rip Saw
- 25' Retractable Hand Gun Reel w/ 25' x 3/8" Hose (Standard)

Water Pump:

- 3000 PSI @ 5 GPM Water Pump – Belt Drive (Standard)

Engine:

- 65 HP Kubota Diesel Tier 4 Final – Upgrade for 1100 CFM
- 15 Gallon Fuel Tank
- Electric Throttle Upgrade
- Digital Gauge Package & Tachometer Low Pressure High Temp Shutdown
- Engine Shroud / Belt Guard / Fenders – Aluminum

Blower:

- 1100 CFM Blower 65 HP Required 4"
- Dual Cyclone Separator
- Final Filter

4" Vacuum System:

- 36" x 4" Crown Nozzle
- 4" Flex Hose (4" x Boom Hose w/ Camlocks) 1 STD 15' Suction Hose
- 4 Pipe Storage Rack 4"

4634 Mayhew Road  
Sacramento, CA 95827  
Office: 916-922-1101  
Fax: 916-922-1034

4750 Caterpillar Road, #D  
Redding, CA 96003  
Office: 530-243-4856  
Fax: 530-243-1447

1913 Nancita Circle  
Placentia, CA 92870  
Office: 714-528-8770  
Fax: 714-528-8744

1930 W. Winton Avenue, #1  
Hayward, CA 94545  
Office: 510-670-0230  
Fax: 510-670-9003

6230 Greyhound Lane, #K  
Las Vegas, NV 89122  
Office: 888-484-9968  
Fax: 916-922-1034

August 26, 2021  
 Fallbrook Public Utilities District  
 Pipehunter VacHunter Dual Axle Hydro-Excavator Trailer Quotation  
 Page 2

Tool Box:

- 52" x 26" x 15.5", Drawbar, Locking – Aluminum

Frame and Axle:

- 6" Frame
- Dual #8,000 Axles (16K)
- Electric Brakes
- Hitch 3 Positions
- Industrial Jack Stand 10,000 Lb.
- DOT Lighting Package
- 2 5/16" Ball

Liner Option:

- PipeHunter Speed Liner Frame in Your Choice of Factory Standard Colors

Price F.O.B. Fallbrook, CA	\$65,157.50
Upgrade to 10gpm Water Pump Add'l	\$ 1,800.00
Add 8' Boom (measured from centerline of trailer)	<u>\$ 6,500.00</u>
Sub-Total	\$73,457.50
7.75% Estimated Sales Tax	5,692.96
CA Tire Fee (4 @ \$1.75 Each)	<u>7.00</u>
Total	\$79,157.46

**Note:** Trailers with a capacity greater than 10,000 GVWR require a Class A CDL to transport.

- Pricing includes delivery and on-site training.
- Due to California emissions requirements, special permits may be required on diesel engines. MME cannot provide these permits and we recommend you contact your local Air Resources Management District for the specific requirements.
- Normal delivery 120-150 days A.R.O.
- Terms: Net 30

Thank you for your interest in this fine product line. Should you have any questions or need additional information, please let us know. We look forward to being of service.

Sincerely,  
 Municipal Maintenance Equipment, Inc.



Tim Powers,  
 General Sales Manager

# HAAKER

## EQUIPMENT COMPANY

2070 North White Avenue, La Verne, California 91750  
(909) 598-2706 ~ FAX (909) 598-1427 ~ haaker.com

July 25, 2021

TO: Fallbrook Public Utilities District  
990 E Mission Road  
Fallbrook, CA 92028

Attn: Kevin Collins  
Fleet Supervisor  
Email: kcollins@fpud.com

Haaker Equipment Company is pleased to submit the following proposal for the purchase of (1) Trailer Mounted hydro excavator.



### Ring-O-Matic 550 Jet Vac Hydro Excavation Unit

550 gallon spoils tank, 49HP Cat Tier 4 Final, 1000 CFM positive displacement blower, Pressurized Tank Offload, Pressure Filter Backflush, Reverse Flow Suction Hose Blow-Out, 2x100 gallon poly fresh water tanks, 6.0 GPM @ 4000psi water pump, premium silencer package, hydraulic tank hoist, hydraulic full opening rear door standard with power door lock, sight-glass for level detection, 50' x 3/8" high pressure hose reel, wash gun, 5' potholing lance, 6' suction tube with lawn sweep, safety strobe and dual LED work lights, 2 x 7,000 lbs. axles. Includes 4" tooling and hose upgrade, includes two sections of 4" x 25' suction hose and 4" x 6' PVC suction tube with detachable lawn sweep.

**Warranty: 1 Year warranty against factory defects and/or faulty workmanship.**





# Investment Proposal (Quote)

RDO Equipment Co.  
 20 Iowa Avenue  
 Riverside CA, 92507  
 Phone: (951) 778-3700 - Fax: (951) 778-3746



**Proposal for:**  
 FALLBROOK PUBLIC UTILITY DISTRICT  
 990 EAST MISSION RD  
 FALLBROOK, CA, 920282232

**Investment Proposal Date:** 8/2/2021  
**Pricing Valid Until:** 8/16/2021  
**Deal Number:** 1471324  
**Customer Account#:** 1125008  
**Account Manager:** Duane Bonini III  
**Phone:** (951) 778-3700  
**Fax:** (951) 778-3746  
**Email:** DJBonini@rdoequipment.com

## Equipment Information

Quantity	Serial Number Stock Number	Hours (approx.)	Status / Year / Make / Model Additional Items	Cash Price
1	TBD TBD	0	New 2021 VACTRON LP573SDT	\$87,883.00
			Customer Discount Customer Discount	(\$6,374.00)
			<b>Equipment Subtotal:</b>	<b>\$81,509.00</b>

## Purchase Order Totals

<b>Balance:</b>	\$81,509.00
<b>CA STATE TAX:</b>	\$4,890.54
<b>CA COUNTY TAX:</b>	\$203.77
<b>CA SPECIAL TAX:</b>	\$1,222.64
<b>Sales Tax Total:</b>	\$6,316.95
<b>CA Tire Fee:</b>	\$7.00
<b>Sub Total:</b>	\$87,832.95
<b>Cash with Order:</b>	\$0.00
<b>Balance Due:</b>	<b>\$87,832.95</b>

## Equipment Options

Qty	Serial Number	Year / Make / Model	Description
1	TBD	2021 VACTRON LP573SDT	LPSDT1004 LP 500-9995 GVWR 2X100GAL WTR TANKS LPSDT3510 MANUAL JACK LPSDT3601 4" HOSE AND TOOLING

## M E M O

**TO:** Engineering & Operations Committee  
**FROM:** Aaron Cook, Engineering Manager  
**DATE:** September 16, 2021  
**SUBJECT:** Award of Green Canyon Force Main Replacement Project (Job 3164)

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Description

Request for Board approval to award the Green Canyon Force Main Replacement Project to the lowest responsive bidder.

Purpose

As part of the District's capital improvement program, a priority list of sewer collections system improvements and replacement projects were identified to maintain the system in good working order. The Green Canyon Force Main was selected as a priority due to multiple recent breaks, which have resulted in sewer spills into Ostrich Creek. District staff prepared the design package for the project and solicited for general contractor construction bids. The project consists of approximately 1,400 linear feet of 4-inch PVC pipe in South Mission Road. Bid opening was September 8, 2021. Eight bids were received. A summary of the bid results is below:

<b>Company Name</b>	<b>Bid Amount</b>
Blue Pacific Eng. & Const.	\$248,000
Ortiz Corporation	\$260,727.55
TranStar Pipeline	\$262,500
Kay Construction	\$274,281
LB Civil	\$325,450
Downing Construction	\$414,422
TK Construction	\$443,000
Gentry General	\$453,000

Blue Pacific Engineering & Construction was the apparent lowest responsible bidder at \$248,000. Blue Pacific has not performed work for the District in the past, but has been in business for 17 years and has successfully completed projects of a similar nature. Staff are currently checking references and contacts for previously completed projects.

### Budgetary Impact

The approved capital budget for FY2021/22 included \$350,000 for the Green Canyon Force Main Replacement project. There will be some internal administration and construction management costs but the project is expected to be completed under budget.

### Recommended Action

That the Committee recommend to the Board authorization of the Green Canyon Force Main Replacement Project to the lowest responsible bidder, Blue Pacific Engineering & Construction.