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 turnvalves.com

# Quotation

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TO: **Ragan Davis**  
 City of Grass Valley  
 530 Freeman Ln  
 Grass Valley, CA 95949

Date: 8/15/2023  
 Quotation Number: CD201220  
 Payment Terms: Net 30 Days  
 Shipping Terms: FCA Origin  
 Valid Through: 10/14/2023  
 Estimated Delivery: 8 Weeks ARO  
 Reference: CD196215

E.H. Wachs is pleased to offer the following quotation.

Item Number	Description	Qty	U/M	Unit Price (USD)	Disc%	Line Total (USD)
1	77-000-55 Standard LX (Gas) – VMS (RH): Single turner valve maintenance skid; includes Wachs 750 ft-lb (1020 Nm) Extended Reach Valve operator for those preventive maintenance activities, telescoping valve key and Wachs ruggedized TC-100 with GPS controller/datalogger. A 27 HP (20 kW) gasoline powered Kohler overhead cam air cooled engine provides ample power for all contained functions, including an auxiliary HTMA Class II circuit; 10 gallon (38 L) reservoir, fan cooled heat exchanger, continuous duty rated for 8 GPM (30.3 LPM) @ 2,000 PSI (140 bar). A positive displacement blower provides 500 CFM (14.2 cmm)-11" (280mm) Hg vacuum, with spoils containment provided by a 250 (950 L) gallon tank with power hydraulic dump (rear discharge) and latching rear door. Also driven from the common power train is a 2.5 gpm (9.5 LPM) @ 3000 PSI (210 bar) pressure washer system with 3 gallon (11.4 L) anti-freeze tank and 95 gallon (360 L) water tank. Includes 2-1/2" (63.5mm), 1-1/4" (31.75mm) & 7/8" (22mm) suction wands and one each short and long wash-down guns. The LX package bundles the service light bar with arrow board, 45' (14 M) auxiliary hydraulic hose reel for operation of hydraulic power tools & Bluetooth tethering module (installed in ERV-750) for wireless communication between the exerciser and Controller/Data Logger.	1	EA	79,995.00		79,995.00
Available Options:						
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17-405-00 Grand Upgrade The VMS skid is designed to accept a second valve operator; our top dog TM-7 HD Plus valve operator (up to 2,500 ft-lb of torque) with both automated and manual control ideal for larger, older, stubborn, or stuck valves, generating up to a massive 2,500 ft lbs [3,390 Nm] in a controlled, gradual manner to prevent breakage. Ships mounted in VMS at minimum width, consult manual for accommodating wider deck widths.						
77-409-00 Job Box Weather tight, locking aluminum job box measures 30" wide, 17" tall, 16" deep and comes with mounting trim to close off the surrounding cavity. This job box is only an option when not outfitting the VMS with TM-7 HD Plus (fits into cavity reserved for the 17-405-00)						
77-414-02 Hot Water Heater Alkota 385000 Btu, hydro insulated cold water wrap coil construction with 13 gallon diesel fuel tank, draft diverter, thermostat, high limit temp control and flow switch for on demand hot water.						
79-412-02 Trimble R2 GNSS receiver provides capability of submeter to centimeter level positioning accuracy (highest accuracy in real-time with the use of correction sources) over the included navigation grade GPS.						
2	79-430-20 Field training - 1 day program. Training topics range from field operation of the mechanical systems like hydro-excavation and Valve operator; to training of computerized controllers and preventive maintenance software like VITALS. Field crews and participants will be shown, in detail, standard procedures for safe and efficient operation and use of valve maintenance tools.	1	EA	2,495.00	100.0%	0.00

**Subtotal** 79,995.00  
**Motor Freight** 7,080.00  
**Total (USD)** \$87,075.00

NOTE: Pricing does not include applicable sales taxes.

Sales of E.H. Wachs products and services are expressly limited to and made conditional on acceptance of its current Terms and Conditions of Sale, found at www.ehwachs.com ("Terms"). Any additional or different terms are hereby rejected. Commencement of work by E.H. Wachs or acceptance of delivery of products by you constitutes your acceptance of the Terms.