

Quote #: HTP-22164 ID: RH190522-54902 Quote Date: 07/22/2019

Customer:

Maureen Hamilton Monterey Peninsula Water Management District 5 Harris Court, Building "G" Monterey, CA 93940

Submitted by:

General Manager Rich Hopkins

<u>Project Name:</u> Santa Margarita ASR Facility Disinfection System

We are pleased to offer you the following quotation for your favorable consideration.

#	Material #	Description	Qty	Net	Ext. Net
1	Section 1 - NaOCl 20-Inch Line				\$20,638.77
1.1	S1CBH10050PVTS070UD81001EN	Sigma/ 1 Control version b The Sigma/ 1 motor-driven diaphragm metering pump features a high strength inner housing for the mechanically loaded parts and an additional plastic housing to protect it from corrosion. The pump capacity is adjusted via the stroke length (4 mm), in 0.5% increments, with a self-locking rotary dial.	2	\$3,591.00	\$7,182.00
		Capacity: * 12.9GPH; 49L/H * 145PSI; 10BAR			
		Selected Options: * Liquid End Materials: PVDF with PTFE seal * Seal: Standard diaphragm / PTFE seal * Diaphragm type: Safety diaph w/ visual indicat * Liquid End Options: without valve springs * Hydraulic Connection: PVDF clamping nut & insert * Labeling: Standard with ProMinent logo * Voltage Supply: 100 - 240 V * Cable and Plug: North American plug, 115 V * Relay: 4-20mA out+fault/pacing relay * Control Variants: Option 0 + analog control * Overpressure Shut-off: without pressure shut-off * Operating Unit (HMI): HMI + 0.5m cable * Access code: Access code * Language: English			
1.2	1001301	Universal control cable, 5-pin round plug; 5-wire 15 ft. (5m)	2	\$50.86	\$101.72
1.3	7745682	CP2 TWO PUMP 120VAC SCADA PANEL Dual Pump H/O/A Scada Interface Panel Includes: NEMA 4X FRP Enclosure Main 20A circuit breaker (20A, 120VAC 1ph, 60hz power) Circuit breaker for each pump (15A) Two, H/O/A selector switches Two, PXU digital process controllers Two, Alarm pilot lights	1	\$5,389.29	\$5,389.29



Quote #: HTP-22164 ID: RH190522-54902 Quote Date: 07/22/2019

Misc terminals, relays as required

Inputs:

Two, Analog (4-20ma) speed command Two Digital (on/off) run command

Outputs:

Two, Digital (on/off) run status Two, Digital (on/off) alarm status Two, Digital (on/off) in-remote status Two, Analog (4-20ma) speed indication.

1.4 DO000006

MS2A-A050_FLOOR_PVC/VITON_PD

\$7,965

2

\$7,965.76 \$7,965.76

1/2" PVC/Viton® Primary Backup System

Primary/Backup arrangement
PP/PE skid for motor driven pumps

(48.75"W x 30"D x 60"H)

1/2" PVC/Viton socket weld pipe and fittings

Wye strainer

500ml PVC calibration column Pressure gauge with isolator Two pressure relief valves

Two 164ml PVC/Viton pulsation dampener

Back pressure valve

Discharge Side High Pressure Switch

Plumbing and components rated at 150 PSI regardless of

pump pressure.

2 Section 2 - NaOCl 16-Inch Line

\$20,699.31

\$3,621.27

2.1 S1CBH10022PVTS070UD81001EN

Sigma/ 1 Control version b

The Sigma/ 1 motor-driven diaphragm metering pump features a high strength inner housing for the mechanically loaded parts and an additional plastic housing to protect it from corrosion. The pump capacity is adjusted via the stroke length (4 mm), in 0.5% increments, with a self-locking rotary dial.

Capacity:

- * 6.9GPH; 26L/H
- * 145PSI; 10BAR

Selected Options:

- * Liquid End Materials: PVDF with PTFE seal
- * Seal: Standard diaphragm / PTFE seal
- * Diaphragm type: Safety diaph w/ visual indicat
- * Liquid End Options: without valve springs
- * Hydraulic Connection: PVDF clamping nut & insert
- * Labeling: Standard with ProMinent logo
- * Voltage Supply: 100 240 V
- * Cable and Plug: North American plug, 115 V
- * Relay: 4-20mA out+fault/pacing relay
- * Control Variants: Option 0 + analog control
- * Overpressure Shut-off: without pressure shut-off
- * Operating Unit (HMI): HMI + 0.5m cable
- * Access code: Access code
- * Language: English

Hopkins Technical Products, Inc PO Box 2023 Brentwood, CA 94513 Phone #: 925-240-2160 Fax #: 925-240-2166 Cell #: 925-209-7966



Quote #: HTP-22164 ID: RH190522-54902 Quote Date: 07/22/2019

2.2	1001301	Universal control cable, 5-pin round plug; 5-wire 15 ft. (5m)	2	\$50.86	\$101.72
2.3	7745682	CP2 TWO PUMP 120VAC SCADA PANEL Dual Pump H/O/A Scada Interface Panel Includes: NEMA 4X FRP Enclosure Main 20A circuit breaker (20A, 120VAC 1ph, 60hz power) Circuit breaker for each pump (15A) Two, H/O/A selector switches Two, PXU digital process controllers Two, Alarm pilot lights Misc terminals, relays as required Inputs: Two, Analog (4-20ma) speed command Two Digital (on/off) run command Outputs: Two, Digital (on/off) run status Two, Digital (on/off) alarm status Two, Digital (on/off) in-remote status Two, Analog (4-20ma) speed indication.	1	\$5,389.29	\$5,389.29
2.4	DO000006	MS2A-A050_FLOOR_PVC/VITON_PD 1/2" PVC/Viton® Primary Backup System Primary/Backup arrangement PP/PE skid for motor driven pumps (48.75"W x 30"D x 60"H) 1/2" PVC/Viton socket weld pipe and fittings Wye strainer 500ml PVC calibration column Pressure gauge with isolator Two pressure relief valves Two 164ml PVC/Viton pulsation dampener Back pressure valve Discharge Side High Pressure Switch Plumbing and components rated at 150 PSI regardless of pump pressure.	1	\$7,965.76	\$7,965.76
3	Section 3 - Potassium Permanganat	e System			\$31,651.20
3.1	GMXA1009PVT2Q000UDC1300EN	gamma/X The ProMinent gamma/X is a microprocessor-based solenoid-driven diaphragm programmable pump. Continuous electronic stroke length adjustment from 0 - 100% (recommended 30 - 100%). Stroke rate adjustment in 1 stroke/hour increments from 0 to 12,000 strokes/h. Standard features include: - Remote on/off and external contact input 1:1 with pulse control Backlit dot matrix display with 3-LED indicators - Fiberglass-reinforced, PPE plastic housing rated to IP65. ** (ProMinent Control Cable is required for external control)	4	\$1,769.12	\$7,076.48

Hopkins Technical Products, Inc PO Box 2023 Brentwood, CA 94513 Phone #: 925-240-2160 Fax #: 925-240-2166 Cell #: 925-209-7966



Quote #: HTP-22164 ID: RH190522-54902 Quote Date: 07/22/2019

Capacity:

- * 2.38GPH; 9.0LH
- * 145PSI; 10BAR

Selected Options:

- * Liquid end materials: PVDF/PVDF
- * Diaphragm/seals: PTFE/PFTE coated
- * Liquid end version: Bleed valve w/o valve springs
- * Hydraulic connections: 1/2" x 3/8"
- * Diaphragm rupture indicator: Not included
- * Version: Standard
- * Logo: Standard, with logo
- * Electrical connection: Universal, 100-230 V 50/60 Hz
- * Cable and plug: N.American plug, 115V
- * Relay, pre-set: Fault relay + 4-20ma output
- * Accessories: Standard accessories
- * Control variant: Option 0 + analog control
- * Metering monitor: Pulse signal input
- * Bluetooth remote stop: Not included
- * Language: Standard (English)
- * Approvals: MET (USA)
- * Documentation: Standard Documentation

3.2	1001301	Universal control cable, 5-pin round plug; 5-wire 15 ft. (5m)	4	\$50.86	\$203.44
3.3	DO000006	SS2-C_FLOOR_050_PVC\VITON_PD 1/2" PVC/Viton® Primary Backup System Primary/Backup arrangement PP/PE skid for solenoid driven pumps, (44"W x 20"D x 46"H) 1/2" PVC/Viton socket weld pipe and fittings Wye strainer 500ml PVC calibration column Two 164ml CPVC/Viton pulsation dampeners Two pressure relief valves Pressure gauge with isolator Back pressure valve Discharge Side High Pressure Side Plumbing and components rated at 150 PSI regardless of pump pressure.	2	\$6,796.35	\$13,592.70
3.4	7745682	CP2 TWO PUMP 120VAC SCADA PANEL Dual Pump H/O/A Scada Interface Panel Includes: NEMA 4X FRP Enclosure Main 20A circuit breaker (20A, 120VAC 1ph, 60hz power) Circuit breaker for each pump (15A) Two, H/O/A selector switches Two, Chromalox digital process controllers Two, Alarm pilot lights Misc terminals, relays as required Inputs: Two, Analog (4-20ma) speed command Two Digital (on/off) run command	2	\$5,389.29	\$10,778.58

Hopkins Technical Products, Inc PO Box 2023 Brentwood, CA 94513 Phone #: 925-240-2160 Fax #: 925-240-2166 Cell #: 925-209-7966



te #: HTP-22164 ID: RH190522-54902 Quote Date: 07/22/2019

		Outputs: Two, Digital (on/off) run status Two, Digital (on/off) alarm status Two, Digital (on/off) in-remote status Two, Analog (4-20ma) speed indication.			
4	Section 4 - Manufacturer's Services				\$7,480.00
4.1	7777780	Documentation (Submittals and Operations Manuals)	1	\$1,200.00	\$1,200.00
4.2	7777780	Testing and Start-up including Travel and living expenses	2	\$1,260.00	\$2,520.00
4.3	7777780	Training - Plant Personnel	1	\$1,260.00	\$1,260.00
4.4	7777780	Freight to jobsite	1	\$2,500.00	\$2,500.00

GRAND TOTAL FOR ABOVE...\$ 80,469.28

Terms:

Net 30 days.

Quote is valid 90 days.

State and Local taxes and fees not included.

F.O.B.: Pittsburgh, PA

Freight: Included to jobsite.

Delivery: Submittals: 4 to 6 weeks ARO.

Custom Fabrication of Equipment: 16 – 20 Weeks ARA, Common Carrier.

If you have any questions, or if we can be of further service, please do not hesitate to contact us at (925) 240-2160.

Sincerely,

Richard M. Hopkins General Manager Hopkins Technical Products, Inc.