

October 31, 2018

## **St Mary's Glacier Water and Sanitation District Operations Report**

**Prepared by** – Michelangelo Creazzo and Gabrielle Begeman

### **WTP's**

#### **Well 1**

- Installed the LMI pump from well #5 and set it up to run on a 4-20mA setting. This has greatly improved the Chlorine residual. It is performing much better than the Walchem pump and PID control. Could not use the ProMinent pump which uses pulse input as the pulse output from the flow meter is bad.

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#### **Well 5**

- Installed a ProMinent pump for the NaOH feed as the pulse works on this flow meter and I needed the LMI pump for Well #1.
- I have 1 spare pump. It is a ProMinent that was just rebuilt. Got a Quote from Walchem as their pumps are considerably cheaper and work very well. I am working with the rep. to make sure these pumps would work. Below is the quote for the pumps.

### **Distribution System**

- Alice booster station VFD will not run in Auto. Will be working with Rep. to try and fix the problem.

### **Collections System**

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### **WWTP**

- Received a quote for new Knuckle (air relief) valve from the Manufactory. The Quote is below
- Received a quote for the Bad motor on the RAS pump and the Blower. Both are critical in the operation of the WWTP. Will be getting a quote for the coupler as well. Quote is below.
- Received a quote for the Blower to be rebuilt. 540.00 Without ORC markup to be rebuilt. New, they are 1500.00. The shop will rebuild upon board approval.
- There are 3 chemical transfer pumps at the Waste water plant. One for each of the chemical. The SBS (dichlorination Chemical) has never worked. The Sodium Hydroxide ( pH adjustment) broke on 11/1/18. I am down to 1 working pump. I need at least 1 for the Sodium Hydroxide. Will Be getting a quote for this soon.

Quote for Chemical pumps. Still working with Walchem Reps to see if these will work.

- EWN-B09VCURC, 0.2 GPH/150 PSI metering pump, PVC/Viton with high compression auto degassing head for sodium hypochlorite, including tubing, injection valve, foot valve, and PE tubing- **\$530.00 plus freight**
- EWN-B09VEURC, 0.2 GPH/150 PSI metering pump, PVC/EPDM with high compression auto degassing head for sodium hydroxide, including tubing, injection valve, foot valve, and PE tubing- **\$530.00 plus freight**

Quote for Air Relief valve for blowers.

### ORC Water Professionals

#### Sell To:

Origination  
Est.Ship Date  
ORCWATWHEA  
Fax: Ph:

**P.O. Box 250**  
**Grayslake, IL 60030**  
**P: 847.356.0566**  
**F: 847.356.0747**

**www.mmcontrol.com**

Quote #

## PRICE QUOTE

Bill To  
Customer ID  
Quote Date  
SQ157139  
Ship Via Salesperson  
Matthew Garrod  
Telephone  
847-265-4988 UG ORIGIN

**YEARS !**

# 34

### CELEBRATING

**Item No. Description Unit Quantity Unit Price Total Price M&M No**

2"RELIEF VLV,AIR/GAS BRZ MM24580 Each 2 282.47 564.94 337-H01-ANE

Set: 10 PSI

Ship Approx 2-4 Weeks ARO

Freight Not Included In Price

Expedite Options May Be Available

564.94

0.00

0.00

**564.94**

Subtotal:

Invoice Discount:

**Total USD:**

Total Sales Tax:

*Installation of any products purchased must be in accordance to all Local, State, and/or Federal code or law. Unless otherwise indicated, freight not included. Standard Terms of Sale: UCC FOB Origin Freight prepaid and added to invoice. Buyer responsible for all freight and associated charges including from origin to us. (IF EXPORT FROM U.S., INCOTERMS CIF) Other terms available upon request. ALL CHARGES, FEES, DUTIES, TAXES AND PAYMENTS THE RESPONSIBILITY OF THE BUYER. Waivers of Lien contingent on full payment and subject to charge. Returns must be authorized, restock fees may apply and no Returns after 30 days. Items not listed as STOCK are built to order/special items non cancellable/returnable. Fireeye or Flame safegaurd items accepted only if factory carton seal is undisturbed. In the event of collections, buyer responsible for all collection/legal fees. Credit cards accepted, discount reduction may apply, card charged upon acceptance of order. QUOTATION in US DOLLARS. Prices subject to change without notice. Additional terms available [www.mmcontrol.com/terms.php](http://www.mmcontrol.com/terms.php)*

## Qoute for Electric Motors: Return Activated Sludge pump and For Air Blower

APPLIED DENVER  
5454 HAVANA ST  
UNIT 714  
DENVER CO 80239-2001  
Customer Contact: MICHELANGELO CREAZZO  
Customer Contact Phone:  
Sales Rep: LINO IBARRA  
Phone: 303-375-9696 EXT 11  
Email:  
LIBARRA@APPLIED.COM  
Payment Terms: COD - CASH BASIS  
Quotation Number:

**506316526**

Quote Create Date

(MM-DD-YYYY):

10-26-2018

THIS QUOTATION CONTAINS CONFIDENTIAL INFORMATION, MAY NOT BE DISCLOSED TO THIRD PARTIES AND IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS OF SALE, SHOWN ON THE REVERSE SIDE OF THIS DOCUMENT AND AVAILABLE AT [WWW.APPLIED.COM](http://WWW.APPLIED.COM). BUYER'S ACCEPTANCE OF SHIPMENT OR PERFORMANCE AND/OR PAYMENT CONSTITUTES ACCEPTANCE OF APPLIED'S TERMS AND CONDITIONS.

PRICES QUOTED ABOVE ARE THOSE IN EFFECT AT THE TIME OF QUOTATION. MANUFACTURER INCREASES MAY APPLY UNLESS SPECIFICALLY STATED ON THE FACE OF THIS QUOTATION. RETURNED PRODUCT IS SUBJECT TO A RESTOCKING CHARGE.

Item # Quantity UOM Manufacturer Part # Customer Part # Est Delivery Date

Unit Price

(USD)

Extended Price

(USD)

000010 1.000 EA U.S. ELETRIC

**MOTORS-U7P2D**

692.700 692.70

Description: USEM\_U7P2D

Material Sales Text:

UTE,7 1/2 HP,4P,213T

REPLACES AD83

000020 1.000 EA U.S. ELETRIC

**MOTORS-U1P3D**

376.660 376.66

Description: USEM\_U1P3D

Material Sales Text:

UTE,1HP,6P,145T

REPLACES U1E3D

SUBTOTAL (WITHOUT TAX)

TAX

ORC Water Professionals Inc  
11919 W. I – 70 Frontage Road, Ste. 116A  
Wheat Ridge, Colorado 80033  
Office: 720 287-0605 Fax: 720 287-0874



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1,069.36

81.81

**TOTAL IN WORDS:** ONE THOUSAND ONE HUNDRED FIFTY-ONE DOLLARS AND SEVENTEEN CENTS

**TOTAL(USD)** 1,151.17

**Special Information:**

**Order Notes:**

\*\*\*\*\* STOCK IN CALIFORNIA