Great Rock Water and Sanitation District

Notes and Recommendations

2013 Preventive Maintenance

Rocking Horse Farms

1. The transformer that resides in the MCC has lugs for the electrical connections. These lugs are dangerously close to the front door panel. If someone should lean against this door panel, the chance of it making contact with these lugs, and shorting out is extremely likely. We can cut a piece of non-conductive fiberglass to fit the shape of the inside of the front door panel, and use either an adhesive to attach it, or bolt it in place in the corners. This should not be considered optional. It should be taken care of immediately.
2. The wires in the Pump 4 MCC bucket were found to be very loose. This is likely caused because Pump 4 is on an across the line starter. This pump was used excessively due to other operation issues that have since been corrected. When an across the line starter pulls in, it does so with a fair amount of force. Over time this could easily cause electrical connections to loosen. We should check this in about one years' time to see if the issue has been resolved.
3. The RTU had some loose terminals. This is pretty normal when a panel has a lot of relays in it. We should check these in one to two years.
4. The handle on the outside service disconnect looks as if it may be tripped in the on position. This can be modified to be in the vertical position as it should be. We should not need to purchase anything to do this, however the service disconnect breaker would need to be shut off and removed to gain access to the level mechanism. This would shut down the site for about an hour.
5. There is a bit of a rodent issue in the bottom of the MCC. I recommend placing some Decon in the bottom of the MCC to mitigate this.

Alluvial Well #1

1. This site is in very good condition. The only recommendation is to build a small enclosure around the panel rack and put a heater in it to keep the VFD warm during the coldest winter days, so that it does not have any operational issues.

Alluvial Well #2

1. This site is in very good condition. The only recommendation is to build a small enclosure around the panel rack and put a heater in it to keep the VFD warm during the coldest winter days, so that it does not have any operational issues.

Box Elder

1. The surge suppressor at Box Elder has lost a phase of protection. This should be replaced.
2. There is a bit of a rodent issue in the bottom of the MCC. Recommend placing some Decon in the bottom of the MCC to mitigate this.

Great Rock North

1. The control panel in the pump station for pump #1 is not used for anything other than housing the HoA. This should be removed along with the associated piping. The HoA can be moved into a small box next to the VFD.
2. There is a pressure tank near the #1 Pump that is corroding. The tank is no longer in use so it should be removed. The corrosion is being caused by spraying water from the seal on the number 1 pump, so that should be looked at.

TLECC
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2/19/2014

Great Rock Water & Sanitation District
Jeff Rabas
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Phone: (303) 709-5614
SUB: 15361 Great Rock PM Recomendations

Dear Mr. Rabas,

We are pleased to provide this quotation for your review. If an order should result from this quotation, please send us a written purchase order referencing the quotation number and item numbers. If this is your first order with us, please supply us with your credit references and your Dun and Bradstreet number. Please note:

1. All quotations issued, and orders received by **TLECC** are subject to final acceptance by our principal.
2. Shipping dates are based on the best information obtainable from suppliers **AT THE TIME OF QUOTATION**.
3. Quote is valid for 30 days from quote date.

Again, thank you for your inquiry. If we can be of further assistance, please do not hesitate to contact our office.

Sincerely,

Anthony Ortolani

Scope of work:

Item #	Description	Quantity	Price
1	2 Days of Field Service (Will only bill T&M that is actually used). TLECC will use this time to do the following: • Install new Surge Protector at Box Elder • Install protection for MCC Transformer at Rocking Horse Farms • Remove Unused Control Panel from Great Rock North Pump Station • Place Decon in MCC's at three sites		$2,410.00
2	Innovative Surge Protector – This is a direct replacement for the unit that is on site.	1	$1,685.00
3	Materials: Non-conductive sheeting for MCC panel door, Decon for rodent protection, PVC Box to put HoA in at Great Rock North	1	$50.00
Total			**$4,145.00**

Notes:
Replacement of the surge protection at Box Elder, and the insulation of the door at RHF should be taken care of immediately. Please consider both to be high priority.

This is a not to exceed T&M quote. The work above will likely be completed in one work day, resulting in billing of approximately $2,950.00.

Please procure a PO for the amount of this quote to cover costs for an extra day of labor if it is needed.

Timber Line Electric and Control Corp. Terms and Conditions of Sale

This quote is valid for 30 days, and is subject to change after that time frame. All quotations issued, and orders received by TLECC are subject to final acceptance by our principal or authorized representative.

Part numbers and shipping dates are based on the best information available at the time of quote and may change. Part numbers change frequently for items such as computers.

Shipping terms: Shipment times are based upon receipt of a written purchase order or contract and signed approval drawings. Unless otherwise noted, all materials are quoted Free On Board point of origin. TLECC's responsibility for loss ceases upon delivery to the carrier. Claims for loss or damage in transit must be made by Buyer against the carrier. If TLECC is delivering to job site, field off loading has not been included in pricing. Additional charges may be assessed for offloading. Buyer, general contractor, or owner shall be responsible for proper storage and handling following shipment.

TLECC's standard terms are Net 30 days with 1% per month late payment charges. These terms apply to materials and service work. Contract job terms are Net 30 days on a work-in-process basis. TLECC reserves the right to change these terms at any time, and has the right to modify the terms for individual customers. All sales are subject to acceptable credit rating of buyer. Any alteration to the terms stated on a TLECC quote will be considered a counter offer and is subject to acceptance in writing by a TLECC authorized representative. Unless clearly stated otherwise, no retainages will be allowed, or payment withheld pending third party payment. In the event of nonpayment, buyer will be subject to finance charges, collection costs and attorney's fees.

Sales, use and excise tax may be required by law. If buyer is tax exempt, buyer shall provide adequate documentation to TLECC. **If buyer is NOT tax exempt, Buyer is responsible for sales and use tax which will be charged on the materials of the job. Please request a sales tax estimate based on the correct sales tax district!**

Any order cancelled after 3 days of acceptance by TLECC may be subject to the cost of special materials, non-resellable goods and completed labor. In any event, TLECC reserves the right to charge the buyer for any and all expenses or labor incurred in connection with a purchase order. TLECC does not offer refunds on customized equipment.

In the event TLECC is unable to ship or deliver parts or perform services pursuant to any purchase order or other contract entered or accepted by TLECC due to a "Fource Majeure" such as an act of God, strike, lockout or other industrial disturbance, act of public enemy, war, blockade, public riot, lightning, fire, flood, explosion, failure to timely receive necessary government approvals, government restraint or any other cause, which is not reasonably within the control of TLECC, TLECC's obligations under the purchase order or other contract shall be suspended during such Force Majeure. If the Force Majeure cannot be promptly removed in TLECC's sole opinion, at TLECC's sole option, the purchase order or other contract may be terminated without further obligation or liability on the part of either party.

TLECC honors a 1 year warranty on new equipment. This includes repair or replacement of said equipment at TLECC's discretion. The equipment warrantee does not include the travel or labor to troubleshoot equipment. TLECC may include the labor at TLECC's discretion. TLECC will honor a 90 day warrantee on all installation labor. Except for those expressly provided for herein, no other warrantee express or implied applies. TLECC is not liable for lightning damage, vandalism, or acts of God. Warrantee will be void on equipment which has been serviced by persons other than TLECC employees.

Limitations of liability: TLECC is not responsible for any modification or repairs to TLECC products made by persons other than TLECC personal. Timber Line is not liable for any and all consequential and incidental damages arising out of, or in connection with any purchase order or contract for equipment or services. This includes but is not limited to installation, service, or product's failure to perform, in connection with purchase order, contract, or verbal request for service.