



May 7, 2015

TO: JD Kehrman, City Manager

FROM: Shawn Middendorf, Local Manager (Alliance Water Resources)

RE: **CITY CAPITAL PURCHASE**
Wastewater Treatment Plant
#2 Lift Station, #3 Pump Rebuild

The #2 lift station contains three pumps (45 horse power). Under normal operating conditions only one pump is needed. During high flows, typically following significant rain events, two pumps are needed to keep up with demand. The third pump is a backup to the other two, and is rotated into operation as preventive maintenance. The #3 pump has run 26,000 hours since startup in 2006 and has not had any major repairs. According to manufacturer's recommendations, these pumps should be rebuilt at 20,000 hours of run time. In 2013 the #1 pump at this station was repaired under emergency conditions, and in 2014 the #2 pump was rebuilt per manufacturer's guidelines. I am recommending this pump to be rebuilt according to the manufacturer's specifications to prevent failure and emergency repairs.

Quotations as follows:

| | |
|-------------------------|--------------------|
| Evan Enterprises | \$19,420.00 |
| JCI Industries | \$19,511.00 |
| FTC Equipment | \$22,872.15 |



At this time, I am requesting approval to allow the low bidder, Evans Enterprises, to rebuild the #3 pump for the amount of \$19,420.00. This is a budgeted item to be expensed from City funds, line item 500-5-4225-234.

If you have any questions, please contact me.

Cc: Gary Johnson, file

EVANS ENTERPRISES
4647 WEST JUNCTION STREET, SPRINGFIELD, MO 65802
(417) 886-8886 Fax: (417) 447-0695
www.goevans.com e-mail: cbwrog@goevans.com

Confirmation of Quotation

4/2/2015

Mark Mendenall
City of Nevada
110 S. Ash Street
Nevada, MO 64772

Phone (417) 448-2761
Fax Number:
Authorized By:
Authorized Date:

Re: Purchase Order No: n/a
Quote No: 4587
Quoted By: Brian Whitman

Job No: n/a

Dear Mr. Mendenall:

We are pleased to quote the following

Pump 3202.090-0221
RPM: 1170
Head:
Manufacturer: Flygt
Additional Description:

HP/Phase/Voltage: 45hp/ 3ph / 230/460 vac
GPM:
Impeller Diameter: 641
Serial Number: 0610058

| Qty | Work Code | Description | Unit Price | Extended |
|-----|-----------|--------------------------------------|---------------------|--------------------|
| 1 | 1110 | Recondition | 2,880.00 | 2,880.00 |
| 1 | 1000 | Rewind AC stator | 1,615.00 | 1,615.00 |
| 1 | 5045 | Furnish & install factory repair kit | 9,165.00 | 9,165.00 |
| 1 | 9999 | Impeller - furnish & install | 5,220.00 | 5,220.00 |
| 1 | 4000 | Dynamically balance rotor & impeller | 540.00 | 540.00 |
| | 5060 | Machine work extra | | |
| | | | Subtotal: | \$19,420.00 |
| | | | Tax: | \$0.00 |
| | | | Total Order: | \$19,420.00 |

Brian Whitman



JCI Industries, Inc.
1161 SE Hamblen Rd.
Lee's Summit, MO 64081
Tel: 816-525-3320
www.jciind.com

Thursday, April 23, 2015

Quote #: 0577742445D_B

| Item | Description | Qty | Unit Price | Subtotal |
|------|---|-----|-------------|-------------|
| 1.00 | 3202 Repair Estimate Basic Repair Estimate for S/N 3202.090-0610059 | 1 | \$19,511.00 | \$19,511.00 |

Scope of Work:

1. The following work will be completed:

- Clean, disassemble and inspect
- Assembly pump with new components
- Inspect, and test assembled Pump

2. Replace the following parts:

- 3202 Basic Repair Kit
- N 641 Hard Iron Impeller
- Impeller Sleeve
- 45 hp Stator

| | |
|--------------|--------------------|
| Subtotal | \$19,511.00 |
| Total | \$19,511.00 |

Terms & Conditions

| | |
|--|--|
| Lead Time 6 Weeks After Receiving Order | Payment Terms Net 30 |
| Shipping Method Best Way | Shipping Terms Prepaid and Added to Invoice |
| F.O.B. Warehouse | This Quotation is valid for 30 days. |

FTC Equipment, LLC

5238 Winner Road
Kansas City, MO 64127

Phone: 816-833-7200
Fax: 816-833-1074

Quote

| | |
|-----------|------------|
| Date | Estimate # |
| 3/31/2015 | 7319 |

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|--|
| Name/Address |
| City of Nevada Attn: Accounts Payable City Hall 110 South Ash Nevada, MO 64772 |

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|---|
| Ship To |
| City of Nevada Waste Water Treatment Plant 16517 S. 1338 Road Nevada, MO 64772 |

| | | | |
|--------|-----|---------|-----------|
| Terms | Rep | FOB | FTC Job # |
| Net 30 | LM | Factory | |

| Qty | U/M | Item | Description | Rate | TOTAL |
|-----|-----|-------------|--|-----------|-----------|
| 1 | EA | Pump Repair | <p>Budgetary Repair Pricing for "Worst Case" repair of Flygt 3202.090-0610059, 45HP, 460V</p> <p>To Include: Teardown and Inspection - 8 Hours @ \$80/Hour Clean Up - 5 Hours @ \$80/Hour Assembly - 8 Hours @ \$80/Hour Materials, Lubes, Solvents & Supplies</p> <p>Qty (1) Repair Kit - 6571703, Which includes one of each of the following: Upper Bearing, Lower Bearing, Upper Shaft Seal, Lower Shaft Seal, O-Ring Kit</p> <p>Qty (1) Impeller - 7625911 Qty (1) Stator-6477601 Qty (1) Cable Assembly-942109 Machine Work</p> <p>**Note: This quote is for budgetary pricing only. After teardown and inspection, customer will be notified if additional work is needed.** Repair kit and impeller have a 10-12 week lead time.</p> <p>***The budgetary price for an ABS replacement pump for this would be \$18,885.00, for an XFP200J-CH2 47HP 8" Discharge. The operating conditions and installation specifics would need to be verified. ~12 week lead time.***</p> | 22,872.15 | 22,872.15 |
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|---|--------------------------|-------------|
| We appreciate the opportunity to be of service to you! TERMS AND CONDITIONS: Terms are net 30 days. Accounts not paid within terms are subject to a 1.5% service charge per month. Prices quoted are valid for 30 days from the date of this quote. Prices do not include any applicable taxes or freight charges. Freight is FOB factory. A convenience fee of 4% will be added to all credit card transactions. | Subtotal | \$22,872.15 |
| | Sales Tax (8.35%) | \$0.00 |
| | TOTAL | \$22,872.15 |