



September 3,2020

TO: Mark Mitchell, Interim City Manager

FROM: Dan Scherer, Local Manager (Alliance Water Resources)

RE: **Emergency Repair Request**

Pump Station #4, #1 Submersible Pump Rebuild

On August 1, 2020 the #1 submersible pump failed in operation due to a mechanical seal failure. This pump is 1 of 2 housed at the #4 pump station and receives gravity sanitary sewer flow from the collections system on the south side of town and pumps it to the south interceptor sewer where in the end is received at the WWTP for treatment. If the remaining pump were to fail staff would have remove flow from the pump station manually and transport it to the WWTP for treatment. Staff has acquired three quotes for the repair of this submersible pump and they are as follows:

JCI Enterprises	-----	\$3,930.00
Independent Electric	-----	\$4,722.83
Evans Enterprises	-----	\$6,250.00

At this time, I am requesting approval to allow the low bidder, JCI Enterprises to rebuild Pump Station #4 Pump #1 in the amount of \$3,930.00. This is a budgeted repair and will be expensed from the WWTP other maintenance / repair account # 500-5-4225-234 with a present balance of \$27,000.00. For references purposes a new replacement motor would cost \$15,805.00.

The above repair was approved by City Manager, Mark Mitchell on 8/14/20 and Alliance Staff proceeded with the repair. On 9/3/20 the approved repair shop JCI forwarded a quote for additional work that is needed to properly repair the pump to OEM specifications. The additional work includes the replacement of the badly worn wear ring and impeller and machine work to the shaft in the mechanical seal seating area. Cost of the additional work needed comes to be \$4,055.00, bringing the total pump repair cost to \$7,985.00. Additional funds needed will come out of the account listed above.

If you have any questions, please contact me.

Cc: Shawn Middendorf, file

COMPETITIVE ANALYSIS

BIDDER NO 1: JCI Enterprises

CONTACT: Mark Schwandrowski

PHONE NO: 816-803-9607 FAX NO: _____

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>Repair of 20hp Meyers Submersible</u>	
		<u>Pump</u>	<u>\$3,930⁰⁰</u>

BIDDER NO 2: Independent Electric

CONTACT: Brian Coble

PHONE NO: 417-865-1626 FAX NO: _____

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>Repair of 20hp Meyer submersible</u>	
		<u>pump</u>	<u>\$4722⁸³</u>

BIDDER NO 3: Evans Enterprises

CONTACT: No name provided

PHONE NO: 417-886-8886 FAX NO: _____

QTY.	UNIT	DESCRIPTION	PRICE
<u>1</u>		<u>Repair of Meyers 20hp submersible</u>	
		<u>pump</u>	<u>\$6,250⁰⁰</u>

SPECIFY SHIPPING: UPS _____ WILL CALL _____ VENDOR TRUCK X
COMMON CARRIER _____ OTHER _____

WHO PAYS SHIPPING: PREPAID _____ COLLECT _____ (no COD allowed)

PAYMENT TERMS: NET 30 DAYS X 1% TEN DAYS NET 30 _____
CHECK WITH ORDER _____ OTHER _____

PROMISED SHIP DATE: 1-2 weeks after receipt

PREPARED BY: Mark Mendenhall DATE: 8/4/20



JCI Industries, Inc.
2301 W. 20th Street
Joplin, MO 64804
Tel: 417-623-4544

www.jciind.com

Quote #: 0744489064MFL

Tuesday, August 4, 2020

Item	Description	Qty	Unit Price
1.00	Myers 4VE200-43-50 Pump Repair	1	\$3,930.00

The following work will be completed:

- Clean, disassemble and inspect
- Pull motor from pump housing, cut head, record winding data , burn out and strip
- Rewind, dip and bake
- Install motor back into housing
- Replace the following parts:
 - Bearings
 - Mechanical seals
 - O-rings and gaskets
 - Insulating oil
- Assemble, pressure test and paint

Any additional parts and/or labor required beyond the above scope of work will be quoted upon inspection.

Terms & Conditions	
Lead Time 3 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.



JCI Industries, Inc.
2301 W. 20th Street
Joplin, MO 64804
Tel: 417-623-4544

www.jciind.com

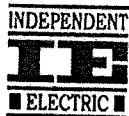
Tuesday, August 4, 2020

Quote #: 0744489064MFL

Item	Description	Qty	Unit Price
1.00	Myers 4VE200M4-43 Pump Repair The following work will be completed: - Pick up at you facility - Clean, disassemble and inspect - Replace the following parts: - Bearings - Mechanical seals - O-rings and gaskets - Insulating oil - Assemble, pressure test and paint - Deliver Any additional parts and/or labor required beyond the above scope of work will be quoted upon inspection.	1	\$3,930.00
2.00	Additional Work Required Upon inspection we found: Impeller and wear ring severely worn. Pump shaft damaged at seal fit. The following will be completed: - Install new OEM impeller and volute wear ring - Machine repair shaft surface at seal fit	1	\$4,055.00
Total			\$7,985.00

Terms & Conditions

Lead Time 4 Weeks After Receiving Order	Payment Terms Net 30
Shipping Method Best Way	Shipping Terms Included in Quote
F.O.B. Warehouse	This Quotation is valid for 30 days.



Quality Service to Our Customers Since 1969



Springfield Division

Remit to: Independent Electric 4425 Oliver Street Kansas City, KS 66108
Ship to: Independent Electric 1640 East Trafficway Springfield, MO 65802

Office/Sales: Ph: 417.865.1626 Fx: 417.865.5313 www.lomco.com

Quote

Quote Number

SP-RRE2439

Attn

cc

Phone:

Fax:

(417) 448-2700 x

(417) 448-2707 x

Customer Information

NEVADA, CITY OF
110 S ASH ST
NEVADA, MO 64772

Ship To Information

NEVADA, CITY OF
110 S ASH ST
NEVADA, MO 64772

Quote Date: 8/3/2020

Customer ID: 121307

Quoted By: Brian Coble

RFQ #:

Salesperson: SP 40

Terms: NET 30

Nameplate Information

Ship Via:

Quote Information

Reason For Work: MAJOR REPAIR OF MYERS PUMP

Cause of Failure:

Required Work:

MAJOR PUMP REPAIR, STEAM CLEAN / DISINFECT UNIT, DISASSEMBLE UNIT, BATCH CLEAN PARTS, HAND CLEAN / DETAIL PARTS, STEAM CLEAN AND BAKE WINDING, SURGE TEST WINDINGS, GROWL TEST ROTOR, INSPECT POWER / SENSOR CORD, INSPECT / CHECK MACHINE FITS, POLISH SHAFT, REWIND STATOR, DIP AND BAKE STATOR, FURNISH AND INSTALL BEARINGS, FURNISH AND INSTALL MECHANICAL SEALS, FURNISH AND INSTALL ORINGS, FURNISH AND INSTALL GASKETS, REASSEMBLE, PRESSURE TEST @ 7 PSI, TEST RUN UNIT (NO LOAD), PAINT UNIT

Comments: DOESN'T INCLUDE MACHINE WORK

Table with 3 columns: Pick Up On, Lead Time, Total Price. Row 1: Work Based on Straight Time, 2-4 WEEKS, \$4,722.83

Quotes Do Not Include Sales Tax or Freight, Unless Otherwise Noted.
We Are not Responsible For Items Left Over 90 Days.
Quote is valid for 30 days.

SIGNATURE:

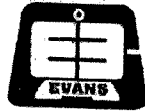
DATE:

PRINT NAME:

PO# (If not yet issued)

Evans Enterprises, Inc.

4647 W. Junction Street
Springfield, MO 65802
(417) 886-8886 Phone
(417) 886-8882 Fax



**EVANS
ENTERPRISES**

Since 1954

NO: 00052272
DATE: 8/13/2020
PAGE 1

Contact MARK MENDENHALL

S CITY OF NEVADA
O 110 SOUTH ASH ST
L NEVADA, MO 64772
D

S CITY OF NEVADA
H 110 SOUTH ASH ST
I NEVADA, MO 64772
P

T
O

T
O

NAMEPLATE DATA

Make:MYERS; ID #:-; Frame:-; Model #:4VE200-43-50; Serial #:S11393; Enclosure:TENV; HP:20; RPM:1800; Volts:460; Amps:3; Type:VERTICAL;
Volute Cast #:-; Cycles:60; Phase:3; Code:-; Temp Rise:-; Service Factor:-; Insulation Class:-

SPECIAL INSTRUCTIONS

No special instructions

UNIT	QTY	UNIT PRICE	EXTENSION
------	-----	------------	-----------

We are pleased to provide the following work scope and quotation for your consideration:

Submersible Pump Recondition Process to Include:

Submerge entire unit in bleach solution for 24 hours before any work beings. Drain oil and examine for contamination. Match mark all parts that may be removed. Disassemble liquid end (pump). Remove bowl and impeller. Disassemble electrical end (motor). Clean and bake all parts. After winding is dry, perform meg test, surge test and record results. If test results require rewinding quote rewind process to customer and proceed with rewinding after extra work authorization is received. Test water sensor, electrically test power cord assembly, and all other accessories. Record results. Bead blast impeller end liquid end housing (pump). Remove bearings, measure and record all mechanical fits and seal fit surfaces. Install new bearings and O-rings. Assemble electrical end (motor) and fill with oil. Test run at rated voltage, compare no load amps and compare to nameplate. Install new seal, assemble liquid end (pump) check for proper rotation. Degrease exterior surfaces, paint and prepare for shipment.

Additional Comments:

FURNISH & INSTALL NEW FACTORY REPAIR KIT (DOES INCLUDE TUNGSTEN CARBIDE MECHANICAL SEALS)

Lead Time:

3 WEEKS ARO

****QUOTE DOES NOT INCLUDE MACHINE WORK, IMPELLER, WEAR RINGS NOR HOUSINGS****

NEW MYERS REPLACEMENT PUMP WITH 50' CORD \$15,805.00

PLEASE ALLOW 6-8 BUSINESS WEEKS ARO, PRICE DOES NOT INCLUDE FREIGHT CHARGES.

TOTAL	6,250.00
--------------	-----------------

Valid for 30 calendar days from the above date

Total does not include sales tax and will be applied on the final invoice if applicable.
Payment terms Net 30 days for account holders unless otherwise specified.

If additional work, parts, services or materials are required that are not specifically included in the above work scope an "Extra Work Authorization" will be required.

Based upon our Standard Terms and Conditions available at www.GoEvans.com/terms



Since 1954

**EVANS
ENTERPRISES**

WOMAN OWNED BUSINESS

ISO 9001:2015 CERTIFIED

Received
By: _____

Date: _____

Thank you for your interest and consideration!