



May 7, 2020

Auburn Wastewater Treatment
2010 South Wayne Street
Auburn, IN 46706

Attn: Quentin Sudhoff

Estimate #: R2020-IND-0129 Tag #: 3567
JobName: Auburn Rest Area

Following is an estimate prepared for you regarding the repair of your Flygt pump.

Product Identification

Product Number: 3170.090-6054 Serial Number: 3170.090-0330013

Model: 3170
Impeller Code: 442
HP: 30
Volts: 230
Phases: 3

Inspection Information

Inspected By:

Motor Data: Rodney Lydle

Wire Configuration: U1:Red V1:Black W1:White

Megger to ground: R 1000 B 1000 W 1000 Sensors:

Resistance through cable: RB 0.17 RW 0.17 BW
0.17 FLS

Stator Condition: Good CLS

Shaft Condition: Poor KLIX

Oil Condition: Good Bearing

Inspection Plugs:

Cable

Hydraulic: Impeller/Propeller Condition: Good

Cable Condition: Good

Volute Condition: Good Cable Length:

Repair/Service Requirements and remarks

Upon inspection, found pump to suffer from inner seal failure which resulted in oil penetrating the motor chamber thus tripping the FLS. The oil did not penetrate the stator windings however and the motor checked good. Found both the rotating and stationary wear rings to be worn and in need of replacement but the impeller itself is in good shape. Lastly, a basic repair kit consisting of new seals, bearings, and o-rings will be required to complete this repair.



BL ANDERSON

Parts, Labor and Other Charges

Parts:

Qty	PartNo	Description	Sell Price	Total Price
1	384 60 00	PIPE BEND	\$179.00	\$179.00
1	82 61 11	RING,RETAINING ID-47.8MM SS	\$30.00	\$30.00
1	82 59 18	RING,RETAINING ID-60.8MM	\$6.40	\$6.40
1	82 62 24	RING,RETAINING OD-95.5MM	\$9.30	\$9.30
1	345 25 02	RING,WEAR ROTATING 304	\$442.00	\$442.00
1	504 78 10	CABLE UNIT	\$151.00	\$151.00
1	518 89 02	DETECTOR,LEAKAGE UNIT FLS	\$239.00	\$239.00
1	601 89 32	KIT,REPAIR BASIC 3170/3201	\$6,206.00	\$6,206.00
1	1	Rotor Shaft Repair	\$2,117.50	\$2,117.50
1	314 88 05	RING,WEAR STATIONARY BRASS	\$654.00	\$654.00

Total Parts Price \$10,034.20

Labor and Other Charges:

Qty	PartNo	Description	Sell Price	Total Price
15	14-69 00 02A	LABOR,SVC FLYGT,NO TAX Z3-TP MODELS:	\$130.00	\$1,950.00
3000,7000,8000				
1	14-69 00 21C	ENV FEE 11-50HP NO TAX TP ENVIRONMENTAL FEE	\$73.00	\$73.00
1	14-69 00 24A	SHOP SUPPLIES-MEDIUM PUMPS TP MISC SUPPLIES	\$54.00	\$54.00

Total Price \$2,077.00

Total Repair Price: \$12,111.20

Terms

Please note: If additional repair requirements are identified during service, the total cost of your repair may

change. Should this occur, we will contact you for approval before proceeding.

A signed Purchase Order or approval below must be received before any repair work can begin.

If repaired unit is not picked up or delivered within 5 days of completion, the repair will be invoiced.

Taxes: The prices quoted above do not include any state, federal, or local sales tax or use taxes. If tax exempt, please provide a copy of your Indiana State ST-105 Form with your order so we are able to update your Xylem Water Solutions USA, Inc. customer file.

Time of delivery: Approx. XX working weeks after receipt of order. Terms of payment: 100% N30 after invoice date.



BL ANDERSON

Exclusions: This Quote includes only the items listed specified above. **Warranty:** Parts used for this repair carry a 12 month warranty.

Validity: This Quote is valid for sixty (60) days.

Inspection Fee: If pump is not repaired following full inspection, a fee may be charged for the inspection. **Changes:** This Quote is based on the current design criteria provided to Xylem

Water Solutions USA, Inc. Revisions may result in price changes.

The Xylem Water Solutions USA, Inc. North American Terms and Conditions of Sale dated January 2015 incorporated herein apply to this order and is accessible at

<http://www.xylemwatersolutions.com/scs/usa/en-us/Pages/General-Terms-and-Conditions-of-Sale.aspx> . Partial billing will be made on any partial shipments. Equipment returns are subject to approval and possible re-stocking fees. Special order items(i.e. Control Panels, hatch covers) will not be accepted for return.

Please let me know if you have any questions.

Thanks,

Tom Bowman
Sales
B. L. Anderson Co., Inc.
317-441-6126