



April 29th, 2020

Mr. Ken Baker
 Leoni Township
 c/o F&V Operations
 4491 Donnelly Rd
 Jackson MI 49201

RE: Inspect, Repair or Replace Wilo Pump; Proposal 20-10716

Dear Ken,

Thank you for allowing JETT Pump & Valve, L.L.C. to provide you with the following proposal for your consideration. We value you as a customer and appreciate your business.

Summary of Services & Diagnosis:

Per your request, JETT Pump has inspected your pump. JETT Pump technicians upon inspection found there to be a hole in the impeller. This will cause excessive ragging issues. JETT Pump technicians also tested the motor and found stator to be shorted and have contamination within the motor.



Shop Inspection: \$ 225.00

***This charge is due regardless of proposal decision**

Scope of Supply- OPTION 1: Repair

Per inspection findings, JETT Pump and Valve is proposing the following for REPAIR:

- One (1) Wilo Impeller Trimmed to 240mm
- One (1) Wilo Repair Kit
- One (1) Motor Re-wind
- One (1) Regular Shop Labor:

- JETT Pump will provide the appropriate amount of technicians to complete the job correctly, safely, & efficiently.
- JETT Pump will re-wind the stator.
- JETT Pump will balance and clean the rotor.
- JETT Pump will replace the impeller.
- JETT Pump will replace o-rings and seal within the pump.

One (1) Regular Service Labor

- JETT Pump will provide the appropriate amount of technicians to complete the job correctly, safely & efficiently.
- JETT Pump will enter the can station under proper MIOSHA confined space procedures
- JETT Pump will install the repaired Wilo pump.
- JETT Pump will test and run the station to make sure that it is operating properly.

Materials: \$ 7,592.39

Tax: \$ 455.54

Est. Freight: \$ 250.00

Shop Labor: \$ 1,470.00

Service Labor: \$ 2,280.00

Permit Required Confined Space & Rescue: \$ 875.00

Option 1 TOTAL: \$ 12,922.73

Scope of Supply- OPTION 2: New Motor

Per inspection findings, JETT Pump and Valve is proposing the following for a replacement:

One (1) Wilo FK202-4/27 Motor

One (1) WILO Impeller Trimmed to 240mm

One (1) Regular Shop Labor:

- JETT Pump will provide the appropriate amount of technicians to complete the job correctly, safely, & efficiently.
- JETT Pump will install the new motor.
- JETT Pump will install the new impeller on the pump.
- JETT Pump will test and run the station to make sure that it is operating properly.

One (1) Regular Service Labor

- JETT Pump will provide the appropriate amount of technicians to complete the job correctly, safely & efficiently.
- JETT Pump will enter the can station under proper MIOSHA confined space procedures
- JETT Pump will install the repaired Wilo pump.
- JETT Pump will test and run the station to make sure that it is operating properly.

Materials: \$ 11,117.33

Tax: \$ 667.04

Est. Freight: \$ 300.00

Shop Labor: \$ 900.00

Service Labor: \$ 2,280.00

Permit Required Confined Space & Rescue: \$ 875.00

Option 2 TOTAL: \$ 16,139.37

Scope of Supply- OPTION 3: Replace

Per inspection findings, JETT Pump and Valve is proposing the following for an exact replacement:

One (1) Wilo FA15.52 w/ FK 202-4/27 Motor

- 25 HP, 1720 RPM, 6" inlet and outlet
- 3 Phase, 230-460V, 60 Hz

- One (1) Regular Service Labor
- JETT Pump will provide the appropriate amount of technicians to complete the job correctly, safely & efficiently.
 - JETT Pump will enter the can station under proper MIOSHA confined space procedures
 - JETT Pump will install the new Wilo pump.
 - JETT Pump will test and run the station to make sure that it is operating properly.
- Materials: \$ 11,300.61**
Tax: \$ 678.04
Est. Freight: \$ 400.00
Labor: \$ 2,280.00
Permit Required Confined Space & Rescue: \$ 875.00
TOTAL: \$ 15,533.65

Scope of Supply- OPTIONAL ADDER: Ceramic CO Coating

Per inspection findings, JETT Pump and Valve is proposing Wilo's proprietary ceramic coating for the impeller. This will help with the abrasive environment and give the impeller greater longevity

- One (1) Ceramic CO Coating
- Materials: \$ 721.00**
Tax: 43.26
Optional Adder TOTAL: \$ 764.26

Clarifications:

The following are clarifications that we use for all station repairs and service work:

- If this project has been identified as a 'confined space' and there are hazards that cannot be mitigated resulting in a 'permit required confined space', we will need to stop work and return at a later date once the hazards have been addressed and removed by others or with additional crew and equipment to perform the work safely. If we are required to return to site, additional charges will be incurred. These hazards include but are not limited to; valves that will not isolate, residual sludge materials, not controllable electrical disconnects.
- If this project is deemed 'permit required confined space' local rescue authorities will be contacted to advise them of the entry and JETT Pump will follow local procedures for entry. If the local authority is not able to provide confined space rescue, if necessary, then this project will be required to include a third-party rescue team and scheduling may be postponed.
- Delivery will be determined at the time of order for longest lead time item.
- Terms are NET 30 days from date of invoice.
- Freight and Taxes(if applicable) are included in this proposal; freight is an estimate and subject to change.
- JETT Pump & Valve, L.L.C. withholds the right to add additional charges if our terms of payment, as stated above, are not met. Charges will be made at a rate of 1.5% of the unpaid balance from date of invoice. Jobs are invoiced at date of start-up.
- All work will be done in a timely and professional manner. If any problems or concerns arise an advising call, fax, or email will be sent.
- This proposal will be good for 45 days from date of bid. This proposal is subject to the Terms & Conditions set forth by JETT Pump & Valve LLC.
- Any additional time, or return trips, to finish the installation and commissioning will be charged at our current hourly rate, this will include drive time.
- A signed and dated copy of this proposal and/ or purchase order as well as an indication of your decision regarding the options above will be used to begin a project with us.

We look forward to the opportunity in working with you in the execution of this and many future projects. If you have any questions or are in need of additional information regarding this proposal, please feel welcome to contact us.

Sincerely,
JETT Pump and Valve
Dylan Corneil

Option 3 is the best option as repair costs more than 3/4 the price of a new pump.
There is a 6 week lead time on repairs and 5 week lead time on a new pump.
This is a emergency as the second pump in the station is running hot. I ask to get approval to order the pump while we are setting things in place if the second pump fails so we will have a back up in the station.

Total for this repair is broken down below.

Option 3	\$15,533.65
Ceramic coating	\$764.26
Shop fees	\$225.00

Total \$16,522.91 taken out of the Maintenance allowance.

Customer Signature

Date

Option(s)

RE: Inspect, Repair or Replace Wilo Pump; Proposal 20-10716