

MEMORANDUM

To: Purchasing Department
From: Ramiro Ochoa, Wastewater Superintendent
CC: Jody Hooks, Public Works Director
Tommy Arredondo, Public Works Utility Manager
Date: 8/26/2024
Re: Dallas Salmon WWTP – Re-Lift Pump #3 Repair – Urgent Repair

Comments:

The Wastewater Department is seeking approval for Urgent Repair of the #3 Re-Lift Pump located at the Dallas Salmon Wastewater Treatment Plant. There are significant repairs needed for this pump due to failure of major components. Historically during major rain events (tropical storms or hurricanes) the Dallas Salmon Re-lift station utilizes all four pumps to accommodate the increased flow during these events. Utilizing all four of the Dallas Salmon Re-lift station pumps is critical to maintain flow to the disc filters and out of the plant. The Dallas Salmon Wastewater Treatment Facility is Texas Commission on Environmental Quality (TCEQ) Category "A-Major" wastewater treatment facility. It is imperative to repair Re-lift pump #3 promptly to keep the Re-lift station operating to meet regulatory compliance regulations. Pump Solutions Inc. is the authorized Sole Source facility that will complete the repairs of this pump. Total cost is \$61,178.00 and funds are available in account 1027500-52620.

Please feel free to reach out to me with any questions,

Ramiro Ochoa





Pump Solutions

18594 US Hwy 59
New Caney, Texas 77357
Phone: 281-399-9400
Fax: 281-399-9401
Cell: 346-731-1684

THIS TRANSMITTAL CONSISTS OF 1 PAGE(S) INCLUDING THIS PAGE.

TO: Jimmy Walker @ City of League City
FROM: Mike Crawford
Bid DATE: 8/26/24
RE: Dallas Salmon WWTP Propeller Pumps P-1

PSI Job # 2604

Pump Solutions Inc. is pleased to offer the following parts for the subject project:

SUCTION BELL BEARING
BEARING RETAINER
THRUST RING FOR PROPELLER
PROPELLER KEY
SAND CAP
PROPELLER RING
DIFFUSER CASE RING
DIFFUSER BEARING HOUSING
BEARING "CARE"
BOWL SHAFT
COVER PIPE (INTERM)
COVER PIPE (INTERM FOR SPIDER)
COVER PIPE (UPPER)
INTERMEDIATE BEARING HOUSING
BEARING "CARD"
PACKING BOX
BEARING "CARD"
O-RING
PACKING GLAND
LINE SHAFT
UPPER SHAFT
SHAFT COUPLING
GIB KEY
COUPLING KEY SPECIAL
SUCTION CAN O-RING
SSCP 5/16"-18UNCX5/8"LG

➤ **Repair on a Patterson 18X20 AVF Vertical Turbine pump.**

Findings:

Catastrophic failure. Multiple major components have failed.

Shafts are worn, lubricating tubes have stripped threads they have been spinning as one unit with the shafting, this has caused damage to the stuffing box and all bearings, Propeller thrust-ring and sand cap.

Corrective action:

Replace all lubricating tubes, shafting, bearings stuffing box and all other parts listed above.

Price to repair the pump \$ 57,578.00

Installation W/customer providing crane\$ 3,600.00

TOTAL PRICE.....\$ 61,178.00

(6-8 week lead time on parts)

PLEASE SIGN AND SEND BACK TO PROCESS THIS QUOTE.

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Thank you for your consideration of the proposed quote.

Mike Crawford



Date: July 18, 2024
TO: Whom it may concern
SUBJECT: Market Representation
TERRITORY: The State of Texas
PRODUCT: MUNICIPAL WATER AND WASTEWATER PUMPS

This letter is to confirm the following company and their agents are the sole proprietary Sales and Service Agents for Patterson Pump Company in the above referenced territory for pumps and pump parts sales in the Municipal Water and Wastewater Market.

PATTERSON REPRESENTATIVE:

Pump Solutions, Inc.
18594 US HIGHWAY 59
NEW CANEY TX 77357
(817) 684-0900 Main
(817) 684-0905 Fax

And such other offices Pump Solutions, Inc. may deem appropriate to utilize in serving our Municipal Water and Wastewater Customers.

Please contact me at Patterson Pump Company if there are any questions concerning this representative organization and their responsibilities.

John Kyle Smith

Kyle Smith
Custom Pump Regional Sales
Manager Patterson Pump Company
706-297-2963
Kyle.Smith@pattersonpumps.com

cc Brooke Stonecypher, Custom Pump Regional Sales Manager
cc Mike Ellers, Service-Parts Sales Manager

Patterson Pump Company. A Gorman-Rupp Company
P.O. Box 790. 2129 Ayersville Road. Toccoa, Georgia 30577
Phone: (706) 886-2101