



PURCHASE REQUISITION
CITY OF BAY CITY

DEPARTMENT: **Public Works - WWTP**
USE (JUSTIFICATION): **Purchase Order?** Yes No

PR NO.: **20230201-01**
PR DATE: **2/1/2023**
DATE REQ'D: **2/1/2023**

P.O. NO
VENDOR: **Felder Water Well & Pump Services, LLC**
VENDOR #
VEND. PHONE # **(979) 849-5144**
QUOTED BY **Dale Felder**
DATE **1/30/2023**
PURCHASE CONTRACT #
TERMS **Net 30** **Net 30** **Net 30**
F.O.B.
SHIP DATE **ASAP**
QUOTE # **1961 / 1962**

Emergency Repairs to Grace St Water Plant

SHIP TO:
City of Bay City, Well #10
1011 Grace St
Bay City, TX 77414
SHIP VIA: **Vendor**

ITEM NO.	PRODUCT NO.	DESCRIPTION OF ITEMS	FUND / DEPT / ACCT	UNIT	QTY.	UNIT COST	AMOUNT	UNIT COST	AMOUNT	UNIT COST	AMOUNT
1		Grace St Water Well - Eliminate Sand Production in Well 10 & Replace Existing Pump	61-620-4620	EA	1	\$68,890.00	\$ 68,890.00				
2		Repair Existing Motor	61-620-4620	EA	1	\$10,275.00	\$ 10,275.00				
3		Replace Existing Motor	61-620-4620	EA	1	\$21,250.00	\$ 21,250.00				
4											
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10											
11											
12											

DEPARTMENT SUPERVISOR: Louis Rodriguez	DIVISION SUPERVISOR/FOREMAN: Ozzie Martinez	REQUESTED BY: Ozzie Martinez	PAGE TOTAL \$ 100,415.00
DEPARTMENT HEAD: [Signature]	MAIL INVOICE TO: City of Bay City, Finance Department 1901 5th Street Bay City, TX 77414	DATE ORDERED:	
FINANCE DIRECTOR: Scotty Jones		PAGE 1 of 1	PR TOTAL \$ 100,415.00

Form PR, Revised: October 2019

RECEIVED

FEB 03 2023

BY: FINANCE DEPT.

PO Request 2023-02-01 - Felder - WWTP Grace St Water Plant

*Emergency Procurement 2/8/23
w/ Katy Well down*

Felder Water Well & Pump Services LLC

P. O. Box 1033
 Angleton, TX 77516-1033
 979-849-5144

Estimate

Date	Estimate #
1/20/2023	1961

Name / Address
City of Bay City Water Well No. 10 Bay City, Texas 77414

Terms	Project

Description	Qty	Cost	Total
ESTIMATE TO ATTEMPT TO ELIMINATE SAND PRODUCTION IN WELL NO. 10 AND REPLACE EXISTING PUMP Based upon the video survey performed 1/9/23, it appears that bottom of the well is compromised and is allowing sand to flow into the well casing causing damage to the pump. The video show that the screen are still fairly open and appear to be in good condition. Due to the high velocity of water and sand flowing from the bottom of the well, a cement plug cannot be installed. In an attempt to stop the sand intrusion, Felder Water Well recommends installing various grades of carbon steel ball bearings at the bottom of the water well (approximately 5.5 cubic feet) and topping the bearings with approximately 3' of bull rock. The new pump will be installed, system will be pressurized, tested, balanced and put back into production.			
WORK PERFORMED TO DATE: 1/6/23 Mobilization and labor to pull the pump from the well, bailed and disposed of approximately 25 gallons of oil 1/9/23 Performed video survey and began motor performance testing	12	225.00	2,700.00
NEW EQUIPMENT TO BE INSTALLED: (1) 3 Stage 12CHC OL Bowl Assembly (1) 1-1/2 x 2-1/2 x 10' Floway top special (12) 1-1/2 x 2-1/2 x 20' Floway (1) 1-1/2 x 2-1/2 x 10' Floway (14) 2-1/2 x 8' BWS (1) 8" x 18" Top column adjusting nipple (2) 8 x 10' T&C .277 Wall column pipe (12) 8 x 20' T&C .277 Wall column pipe (1) Tension assembly-1-1/2 x 2-1/2 Tension nut & tension plate Carbon steel bearings Bull rock 260' Airline - stainless steel Mobilization and labor including travel time Sales Tax	1	3,500.00	3,500.00
	1	55,040.00	55,040.00
	34	225.00	7,650.00
		0.00%	0.00
Total			\$68,890.00

Regulated by Texas Dept. of Licensing and Regulations
 P.O. Box 12157 Austin, TX 78711
 800-803-9202

Customer Signature _____

Felder Water Well & Pump Services LLC

P. O. Box 1033
 Angleton, TX 77516-1033
 979-849-5144

Estimate

Date	Estimate #
1/30/2023	1962

Name / Address
City of Bay City Water Well No. 10 Bay City, Texas 77414

Terms	Project

Description	Qty	Cost	Total
ESTIMATE TO REPAIR OR REPLACE TURBINE HOLLOW SHAFT MOTOR FOR WELL NO. 10			
ESTIMATE TO REPAIR CUSTOMER'S EXISTING MOTOR DETAILED BELOW: 125HP VHS TECO 1780RPM, 405TP, WPI 230/460 Volt Serial No.: ZY713C465002 Scope of work: -Disassemble and inspect -Clean and bake stator windings -Degrease and clean parts -Install new bearings -Install new space heaters, oil sight glass, drain valve and fill plug -Repair rain cover -Balance rotor -Assemble, test, and paint	1	10,275.00	10,275.00
ESTIMATE TO REPLACE EXISTING MOTOR: New 125HP VHS TECO1780RPM, 405TP, WPI, 230/460 Volt (estimated delivery end of March – price includes freight) New motor pricing good for 30 days	1	21,250.00	21,250.00
Thank you for the opportunity to provide an estimate for this project!		Total	\$31,525.00

Regulated by Texas Dept. of Licensing and Regulations
 P.O. Box 12157 Austin, TX 78711
 800-803-9202

Customer Signature _____



1.17.23

Felder Water Well
17276 FM523
Angleton, TX 77515

Attention: Eric Branch
Reference: Bay City Well 10

Dear Mr. Eric Branch,

At your request my pump tech disassembled and inspected the three stage 12C intermediate bowl assembly. There is noticeable wear in the top diffuser vanes. It was also noted the column pipe had erosion in all joints situated around the vanes of the rubber centering spiders. Noting that one joint of pipe had a hole located at the rubber spider. These are all signs of extreme sand intrusion. I would recommend replacing the bowls assembly and column assembly. The bowl assembly is recommended assembly with intermediate rubber bowl bearings to help with the sand wear and extend the life of the bowl.

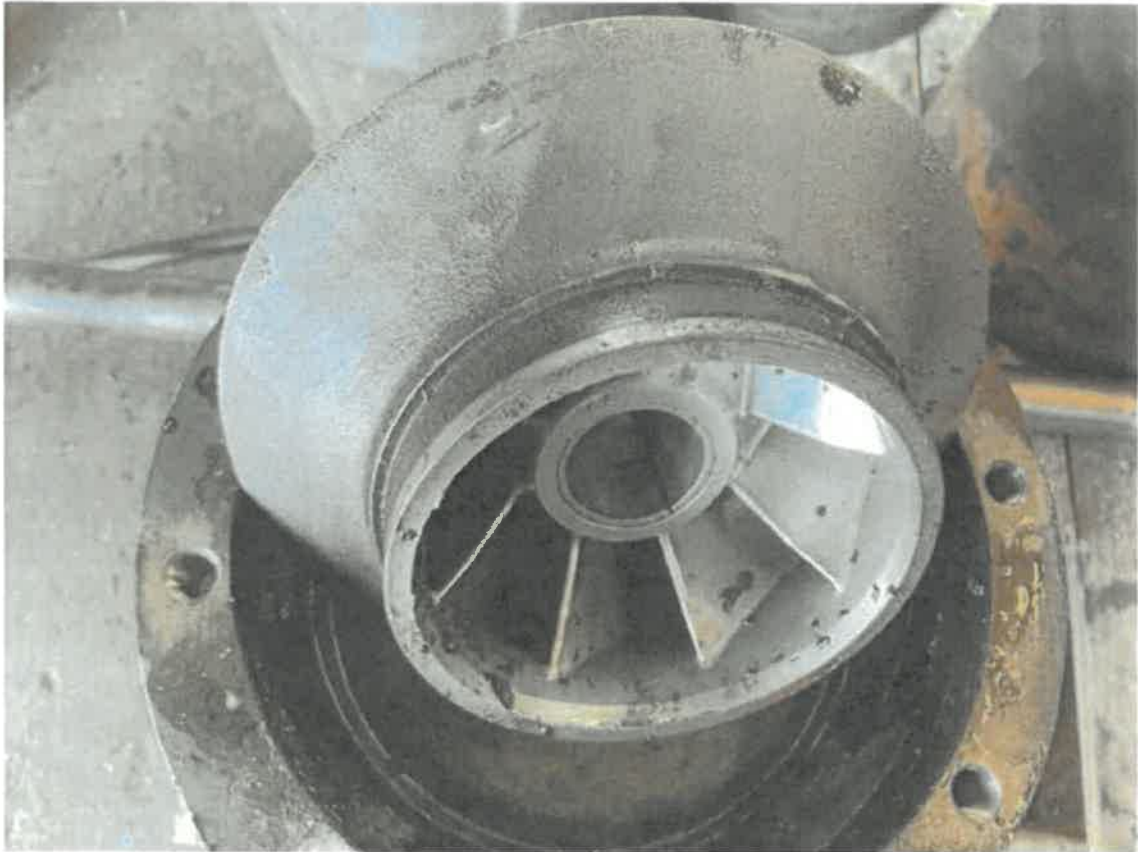
Sincerely,

Brian Scott Freeman

Scott Freeman
Managing Partner

VFIPUMPS.COM

From: [Brett Patterson](#)
To: [Scott Freeman](#)
Subject: Felder WW - Bay City Well 10 Pics 1
Date: Tuesday, January 17, 2023 9:05:17 AM







Sent from my iPhone

