

DeRita Mason

From: Darren L. Alford
Sent: Tuesday, November 14, 2023 10:03 AM
To: Mike Sims
Cc: Chris McNeil; Nick Enders; DeRita Mason; WSIinvoice
Subject: FW: 17662 okaloosa
Attachments: image001.jpg; Quote Detail_RQ3383_2023109162711.pdf; 17662.PNG

Mike,
Please consider this Okaloosa County's Notice to Proceed (NTP) for the repair to the 50HP Keen Pump Model# DX500-43-4. This particular pump is our #1 pump located at the Arbennie Pritchett WRF lift station. Per your attached quote and the further quote details attached, the total price will be \$7,967.73, which is the cost of the shop labor(\$4,567.50), plus Material (\$3,400.23) with appropriate % markup.

When work is completed, to ensure that the County makes payment as quickly as possible, please send invoices w/ backup (i.e. documentation on the catalog price or what you paid for the material/equipment) to wsinvoice@myokaloosa.com

Thank you,

Darren Alford
Wastewater Operations Manager
Okaloosa County Water & Sewer
(850)651-7133

From: Nick Enders <nenders@myokaloosa.com>
Sent: Tuesday, November 14, 2023 9:38 AM
To: Darren L. Alford <dialford@myokaloosa.com>
Subject: FW: 17662 okaloosa

Darren,

This is the quote for the keen pump that was in the #1 position for the APWRF lift station. I see no issues with the quote.

J. Nick Enders
WWTP Maintenance Supervisor
Okaloosa Water and Sewer
(850)609-7015 Office
(850)461-4149 Cell
(850)651-7133 Plant

From: Mike Sims <msims@sheppardsvs.com>
Sent: Monday, October 9, 2023 3:48 PM
To: Nick Enders <nenders@myokaloosa.com>
Subject: Fwd: 17662 okaloosa

Attached is the quote for repair.



3460 Hurricane Bay Drive
 Theodore, AL 36582
 Phone: (251) 443-0700
 Website: www.sheppardsvs.com

Customer ID

10522
 Attn

Quote Date

10/9/2023
 cc

Quote ^{1/3}

Quote Number

RQ3383

Job Number

R17662

Customer Information

Okaloosa County
 1250 North Eglin Parkway
 SHALIMAR, FL 32579

Ship To Information

Okaloosa county
 1250 Miracle Strip Pkwy SE
 FORT WALTON BEACH, FL 32548

Quote By: Fallon Goodwin

PO #:

RFQ #:

Salesperson: Michael Sims

Phone:

Fax:

Terms: Net 30

Nameplate Information

ID	M3489
Motor-Make	Keen Pump
Motor-Model	DX500-43-4
HP	50
KW	37.285
RPM	1750
Frame	Submersible Pump

Enclosure	Totally
Rated V.	460
Rated A.	67.6
ODE Brg#	6308
DE Brg#	7313
Frequency (Hz)	60
Type	Submersible Pump

Quote Information

Reason Sent For Repair: Rush!!!!!!!
 TDI. Tear down and inspect for failure.
 Customer wants to repair this keen pump and order a new one for spair but not a Keen pump or Barmesa

Cause of Failure: Winding shortage due to seal failure.
 Needs new Impeller.

Required Work: Photograph pump & perform visual inspection of unit.
 Remove impeller & inspect for wear.
 Disassemble pump.
 Clean & inspect all individual components.
 Measure & record the following mechanical fits:
 • Shaft journals, seal fits, keyway, bearing housings and seals, etc.
 • Measure keyway width at the top and bottom
 • inspect pump volute for wear and holes
 Check & record all critical TIR'S areas.
 Machine both DE & ODE bearing journals found out of factory tolerances (If needed).
 Machine both DE & ODE bearing shaft fits are found out of factory tolerances (If needed).
 Machine new seal sleeve (If needed).
 Visually inspect stator windings.
 Test, measure & record the following:
 • RTD'S, heaters, cooling jackets, leads, lugs, etc.
 Perform rotor growl test.
 Perform TIR on rotor.
 Perform incoming electrical tests per specifications.
 Perform pre-burn core loss test.

Subtotal : 7,967.73

Lead Time

4-6 WEEKS ARO

Tax :

Total for Quote RQ3383 :

SIGNATURE: _____

DATE: _____

PO# (IF NOT ALREADY ISSUED):

Ship Via: Bestway



3460 Hurricane Bay Drive
 Theodore, AL 36582
 Phone: (251) 443-0700
 Website: www.sheppardsvs.com

Customer ID	Quote Date
10522	10/9/2023
Attn	cc

2/3

Quote

Quote Number
RQ3383
Job Number
R17662

Customer Information

Okaloosa County
 1250 North Eglin Parkway
 SHALIMAR, FL 32579

Ship To Information

Okaloosa county
 1250 Miracle Strip Pkwy SE
 FORT WALTON BEACH, FL 32548

Quote By:	Fallon Goodwin
PO #:	
RFQ #:	
Salesperson:	Michael Sims
Phone:	
Fax:	
Terms:	Net 30

Burn out the stator in a temperature-controlled oven with chart recordings.
 Remove winding from stator core and record data.
 Perform post burn core loss test
 Rewind stator using Class H materials.
 Properly block & tie winding.
 Varnish Stator and bake in a controlled oven using Solid Epoxy resin.
 Perform the following Electrical tests:
 • Meg and PI stator windings after rewind
 • Measure winding resistance
 • Surge comparison test each phase of the winding
 Perform all Baker AWA IV tests or PDMA as required.
 Furnish and install new DE and ODE bearing
 Furnish and install new Upper And lower seals.
 Machine work to DE housing.
 Machine work for wear ring on volute and Impeller.
 Assemble pump per customer specification.
 Test run pump per specifications including the following:
 • Phase voltage, current balance, rpm & rotation.
 • Record horizontal, vertical & axial vibration readings.
 • Record bearing temperature & run time to stabilize.
 Paint per customer specification
 Deliver pump to customer site.

Comments: Customer wants to repair this Keen pump and order a new one for spair but not a Keen or Barmesa.
 Customer said job is a RUSH!!!!!!
 MOST COST EFFECTIVE TO BUY NEW IMPELLER.

Labor	Unit Price	Ext Price
18 Machine Work	72.50	1,305.00
45 Labor Hours for Repair	72.50	3,262.50

Total for Labor : 4,567.50

Material	Unit Price	Ext Price
1 7313BL1BG ANGULAR CONTACT BALL BEARING	164.48	164.48
1 6308C3 BALL BEARING	33.41	33.41
1 IMPELLER 11.5	1,782.43	1,782.43

Subtotal : 7,967.73

Lead Time

4-6 WEEKS ARO

Tax :

Total for Quote RQ3383 :

SIGNATURE: _____

DATE: _____

PO# (IF NOT ALREADY ISSUED):

Ship Via: Bestway



3460 Hurricane Bay Drive
 Theodore, AL 36582
 Phone: (251) 443-0700
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Customer ID	Quote Date
10522	10/9/2023
Attn	cc

Quote ^{3/3}

Quote Number
RQ3383
Job Number
R17662

Customer Information

Okaloosa County
 1250 North Eglin Parkway
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Ship To Information

Okaloosa county
 1250 Miracle Strip Pkwy SE
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Phone:

Fax:

Terms: Net 30

1	UPPER SEAL	364.08	364.08
1	LOWER SEAL	137.29	137.29
1	ORING KIT	128.70	128.70
5	Hyvolt II Oil (per gallon)	22.42	112.10
1	50FT SO6/4	368.97	368.97
1	50FT SO CABLE 18/5	63.99	63.99
1	MATERIALS: REWIND, SANDBLAST, PAINT, VARNISH	229.99	229.99
1	CBG CONNECTOR 3/8-1/2	6.10	6.10
1	CBG CONNECTOR 1 INCH	8.69	8.69

Total for Material :

Quotes Do Not Include Sales Tax or Freight, Unless Otherwise Noted.
We Are not Responsible For Items Left Over 60 Days.
VALID FOR 30 DAYS, unless otherwise noted. **QUOTE IS**

Lead Time	Subtotal :	<input type="text" value="7,967.73"/>
<input type="text" value="4-6 WEEKS ARO"/>	Tax :	<input type="text"/>
	Total for Quote RQ3383 :	<input type="text"/>

SIGNATURE: _____ DATE: _____

PO# (IF NOT ALREADY ISSUED): _____ Ship Via: