

AUGUSTA UTILITIES DEPARTMENT IN-HOUSE REQUISITION

CHECK ALL THAT APPLY:

DATE: 2/4/2025

DIVISION Facilities Maintenance

FUND #: 506043580 -5425110

SHIP TO:

2822 Central ave. Augusta, Ga 30904

VENDOR:

B&D Industrial

1004 CARMICHAEL RD. AUGUSTA, GA 30906

ADDRESS:

478-742-8444

PHONE #:

QUOTED BY:

Bryan Foster

REQUISITION #

☐ IT ☐ SCADA ☐ INVENTORY ☐ BID ITEM
☐ ROUTINE ☒ EMERGENCY ☐ SOLE SOURCE ☐ PREFER ITEM

☐ WATER ☐ SEWER ☐ SUPPLIES ☐ SERVICE ☐ EQUIPMENT ☐ TOOLS ☐ SAFETY ☐ OFFICE ☐ CHEMICAL ☐ GASES ☐ REPAIR ☐ MAINTENANCE ☐ LAB ☐ UNIFORM ☐ LIFT STATION ☐ OTHER

ITEM #	ITEM DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1.	Replace Bearings on #4	1	54,848.00	54,848.00		0.00		0.00
2.	Rwps Gearbox					0.00		0.00
3.						0.00		0.00
4.						0.00		0.00
5.						0.00		0.00
6.						0.00		0.00
7.						0.00		0.00
8.						0.00		0.00
9.						0.00		0.00
10.						0.00		0.00
11.						0.00		0.00
12.						0.00		0.00
13.						0.00		0.00
14.						0.00		0.00
SHIPPING CHARGES						0.00		0.00
TOTAL				54,848.00		0.00		0.00

Handwritten: 400620
2/4/25

JUSTIFICATION AND EXPLANATION FOR PURCHASE:

new bearings for #4 Rwps Gear Box and Labor to install them

REQUESTED BY: Steve Calton

APPROVED BY: Bobby Robinson

Approved:

Handwritten: Ted Thompson for Wes Byrnes
AUD Director
2/4/25



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UTILITIES DEPARTMENT

Wes Byne, P.E.
Director

TO: Darrell White
Interim Director, Procurement Department

THRU: Wes Byne, P.E.
Director, Utilities Department

FROM: Stephen Orton

CC:

DATE: 2/4/2025

SUBJECT: Bearings and Drives Replacement of Gearbox Bearings on #4 Raw Water Pump

White
2/4/25

The #4 Raw Water Pump is our 2nd largest raw water pump and it's gear box has destroyed is inboard bearings causing this pump to be shut down. This pump is needed in spring and Summer to meet the water demand of the Highland water treatment Plant, without it we have to run the diesel backups and they use \$10,000.00 a day in fuel/.

This Gearbox is a Faulk Gearbox and Bearings and Drives is the local Representative for Faulk equipment and were selected for the repair because of their expertise and familiarity with this type of problems.

Thank you for your kind assistance to move forward with this request.

Sincerely,

Steve Orton

Approved by:

Lee Thompson

For Wes Byne 02/04/2025



**GEARING+RELIABILITY
SOLUTIONS**



Quotation

Quoted To:	John Goodenough	B&D / Quote#:	9020325B
	City of Augusta	Date:	02/04/25
	Augusta, GA	Quotation by:	Bryan Foster bfoster@bdindustrial.com 478-742-8444

Customer PO#:	Payment Terms:
Equipment#:	Salesperson Name: Colton Scott
Shipping / Ref#:	Salesperson Phone#:

Reducer Information

Make:	Falk	Model:	1160YFN1-S
Ratio:	4.088	Serial#:	

Quotation

B&D Service is pleased to provide the following quotation for the rebuild of the above referenced reducer as per our standard rebuild procedures, in addition to the materials and services listed below:

- Shop services to dis-assemble unit and inspect for component defects.
- Compile report of damage and parts needed for repair.
- Quality control checks of any gears / shafts / housing that will be re-used.
- All new bearings, seals, shims, & gaskets.
- New dipstick
- New moisture barrier type breather vent.
- New fasteners
- Housing and components thoroughly cleaned using chemical vat process.
- Housing interior treated with insulating varnish to ensure smooth oil flow and provide protection for long-term storage.
- Shop services to assemble to factory specifications.
- Fill unit with new oil to proper level. (Test run purposes only)
- Mount gear reducer on test stand and run test for minimum of 2 hours to raise operating temperatures. Monitor bearing temperatures and verify proper seal installation.
- Prime and finish coat on housing exterior.
- Pick up and delivery back to the mill.
- New warranty provided (one year) unless specifically stated otherwise.

Rebuild Price: \$54,848.00

Note: If upon inspection any other components or machine work is necessary to complete this rebuild, you will be notified for your approval.

Shipping Details

Lead Time:	1-2 weeks A.R.O.	Ship Via:	B&D Truck
F.O.B. Point:	Destination	Freight Terms:	Included

Due to volatile supply chain markets, this quote is only effective for 30 days from the above date. Purchase order number will be required to repair. Upon your request, this unit can be returned unassembled, freight collect. If order or disposition has not been received in 90 days, above unit will be disposed of at our discretion.





The VibePro 24/7 starter kit provides an easy-to-use sample machine monitoring system to evaluate the technology. What you get:

- » Basic Kit: Eight (8) VibePro 24/7 harsh-duty long-life sensors
- » Plus Kit: Twenty (20) VibePro 24/7 harsh-duty long-life sensors
- » One (1) UL508A N12 POE Intelligent Base Station/Edge Device
- » One (1) year license to VibePro Online Cloud
- » Optional: Cellular upgrade available

Why not free or super-cheap sensors like some of your competitors?

The first reason is that our design is made in New Hampshire and has specifications like a maximum of 25,600 samples per second, IP69K, FM, and has a 10+ year battery life. The second reason is that free samples offer less seriousness to take action towards reliability.* We are serious about reliability.

*Bawa & Shoemaker (2004)



We were unsure of what we wanted to do with the 24/7 system, but I am glad we purchased the starter kit to try out. It gave us the needed information to plan and now monitor our test stands."

Tim M



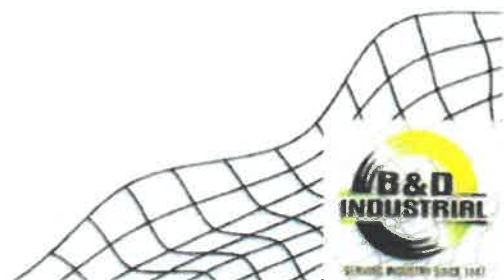
Special Prices:

Basic Kit : \$4,399.00**

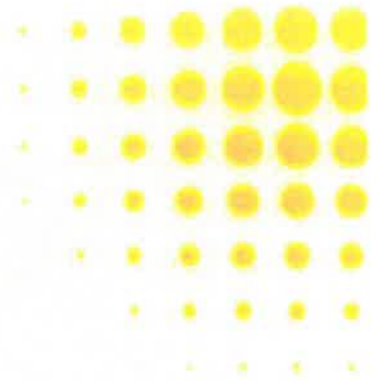
Plus Kit : \$8,799.00**

For more information call 866.719.2645

www.vibepro.com



VibePro
Powered by B&D Industrial



24/7

Starter Kits (Basic & Plus)
All Beginnings Are Simple

