

Issue Analysis Form



Date: September 13, 2022

Item: Award of Contract –Purchase of Wastewater Pumps

Lead Department(s): Engineering & Utilities

Contact Person(s): Frank Haltom

Description and Current Status

The County owns and operates two wastewater pump stations along Route 460, identified as pump stations #9 and #10. These two pump stations were installed in the 1980s and both continue to operate with the original pumps. As parts for these older pumps and motors are becoming less available to keep these stations operable, it is recommended these pumps, and the associated equipment, be replaced. The Utility department currently uses Gorman-Rupp as their primary pump manufacturer in order to establish an inventory of parts and allow staff to become familiar with routine maintenance and repairs. Tencarva Machinery Company is a sole source vendor for the Gorman-Rupp manufacturer in the state of Virginia.

The County has received a proposal from Tencarva Machinery Company to provide two enclosed pump stations for **\$204,400 each**, for a **total of \$408,800**. Each enclosed pump station provides 2 pumps and motors and all associated piping, valves and panels to operate the station.

Staff recommends an award of contract for the purchase of two enclosed pump stations from Tencarva Machinery Company for \$408,800. Staff also recommends the use of ARPA funds for the costs of the purchase.

Concrete pad installation and electrical work is not included in the cost estimates provided by Tencarva Machinery Company. The **total estimated cost** for improvements at each station is **\$300,000**. Staff is also requesting budget transfers within the ARPA fund to cover the total cost of improvements as follows:

Increase

0231-04-104-3225-48407	ARPA Pump Station 9 Rehab Project	\$300,000.00
0231-04-104-3226-48407	ARPA Pump Station 10 Rehab Project	\$300,000.00

Decrease

0231-04-104-7003-49199	ARPA Utility Contingency (Unassigned)	(\$600,000.00)
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Sample Motion: I move the Board approve the resolution to award the contract for the purchase of two enclosed pump stations from Tencarva Machinery Company for \$408,800, and authorize a budget transfer of \$600,000 from ARPA Utilities contingency account to the Pump Station 9 and 10 ARPA Project Accounts.

Government Path

- Does this require IDA action? Yes No
- Does this require BZA action? Yes No
- Does This require Planning Commission Action? Yes No
- Does this require Board of Supervisors action? Yes No
- Does this require a public hearing? Yes No
- If so, before what date?

Fiscal Impact Statement

Staff recommends the use of ARPA funds for the costs of the purchase.

County Impact

Award of this contract will provide the replacement of the Pump Stations #9 and # 10 to ensure the continued wastewater service for utility customers along the Route 460 corridor.

Notes

None.



1115 PLEASANT RIDGE ROAD GREENSBORO, NC 27409

PHONE: 800-849-5764

FAX: 336-665-0303

QUOTE TO	Prince George County – Frank Haltom	QUOTE DATE	August 24, 2022
PROJECT LOCATION	Route 460	QUOTE NO.	01-07-2022-ST
CITY, STATE, ZIP	Prince George County, VA	REFERENCE	Pump Station 9 & 10
DESIGN ENGINEER	In house	QUOTE FIRM FOR	30 Days
SALESMAN	Stuart Taylor	ATTACHMENTS	Terms and conditions

We propose to furnish a Gorman Rupp above-ground, factory assembled 8'x12' fiberglass enclosed pump station, to include a reinforced concrete base, 8' x 12' fiberglass housing with a hinged access door, thermostatically controlled vent fan, and internal station light. Included with the pump station are the following:

PUMPS AND MOTORS

Two Gorman-Rupp Ultra V-Series model V4A60-B pumps with a design capacity of 600 GPM @ 105' TDH when v-belt driven by a 40 HP 1,800 RPM, 3/60/230 volt, ODP motor. Pumps provided with drain kit, gauge kit and a spare parts kit.

INTEGRAL VALVES AND PIPING

Individual 6" pump suction piping including a flanged connection; 6" cast iron swing check valve, 6" plug valve for each pump discharge and a 6" pump station discharge provided with a flanged connection. Each pump is provided with an automatic air release valve.

PUMP MOTOR CONTROL PANEL/LIQUID LEVEL CONTROLLER

A Gorman Rupp factory fabricated control panel in a NEMA 1 stainless steel enclosure, housing main entrance terminal blocks; thermal magnetic circuit breakers, FVNR full voltage direct across the line solid state motor starters, hand-off-automatic switch, run light, elapsed time meter, high temperature shutdown circuit and motor overload reset for each pump motor; duplex service receptacle; electronic pressure switch with submersible level transducer liquid level control system with backup float high level alarm circuit, pump alternation circuit, wet well level indicator and an alarm silence circuit; phase/power monitor; 5KVA control voltage transformer

ADDITIONAL EQUIPMENT / FEATURES

Alarm light and light shipped loose	Startup service	Station heater 4000 watt
Back-up float switch level control	U. L. panel	Surge arrestor

NOTE: Wet well, anchor bolts, external piping, telemetry, trash basket, or anything not specifically mentioned above NOT INCLUDED. Tencarva Machinery Company does not provide construction or unloading service.

PRICE ADDER FOR 50 HP motors and controls - \$1,500 to the below

A 5% DISCOUNT IS OFFERED FOR A QUANTITY OF 2 PS'S PURCHASED AT THE SAME TIME OR A UNIT PRICE OF \$204,400	\$ 215,158 Price Each
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Delivery Terms: Submittals 8-10 weeks, delivery is 24-26 weeks after release to manufacturing

Credit Terms: Net 30 days from date of invoices, no retainage allowed, 1-1/2% monthly on unpaid balance.

Quote Submitted By: Stuart Taylor **Quote Accepted By:**

Date Quote Submitted August 24, 2022 **Date Quote Accepted**



February 1, 2022

To: Whom It May Concern

Subject: Distributor for Municipal Engineered Systems Water and Wastewater Market

The Gorman-Rupp Company is a world leader in the production of pumps and engineered equipment for diversified markets. Our marketing strategy has been to establish a network of factory authorized distributorships trained to apply equipment unique to specific hydraulic applications. Some examples of these are construction, petroleum, industrial, water and wastewater. Our distributors are specialists and very knowledgeable within their defined market area and dedicated to helping you select and maintain the proper equipment for your application.

Please be advised Tencarva Machinery Company is the sole authorized distributor for Municipal Water and Wastewater Pumps, Lift Stations and parts for the territory defined below.

North Carolina: The state of North Carolina

South Carolina: The state of South Carolina

Virginia: The state of Virginia with the exception of Arlington, Fairfax, Fairfax City, Falls Church City, Loudoun, Manassas City, Manassas Park City, and Prince William

Tencarva Machinery Company is responsible for supplying all Gorman-Rupp pumps and Gorman-Rupp parts used in municipal water and wastewater lift stations or treatment plants, including individual units installed in municipal collection systems.

Tencarva Machinery Company
1115 Pleasant Ridge Road
Greensboro, NC 27409
Telephone: 336.665.0250

This letter is valid from this date forward until such time Gorman-Rupp identifies a new Municipal distributor for your location, if the need arises. All previous letters you may have been provided are superseded by this letter.

We thank you for your interest in Gorman-Rupp products and look forward to working with you in any upcoming projects.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Vincent Baldasare', with a long horizontal flourish extending to the right.

Vincent Baldasare
Sales Manager
Engineered Systems

VB: dd

GORMAN-RUPP PUMPS

P.O. Box 1217 | Mansfield, Ohio 44901-1217 | Phone: 419-755-1011 | Fax: 419-755-1251 | grsales@gormanrupp.com | www.GRpumps.com

Board of Supervisors
County of Prince George, Virginia

Resolution

At a regular meeting of the Board of Supervisors of the County of Prince George held in the Boardroom, Third Floor, County Administration Building, 6602 Courts Drive, Prince George, Virginia, this 13th day of September, 2022:

Present:

Marlene J. Waymack, Chair
Donald Hunter, Vice Chair
Floyd M. Brown, Jr.
Alan R. Carmichael
T. J. Webb

Vote:

On motion of _____, seconded by _____, which carried by a vote of _____ in favor and _____ opposed, the following Resolution was adopted:

RESOLUTION: AWARD OF CONTRACT FOR PURCHASE OF TWO PUMP STATIONS – PUMP STATION 9 AND PUMP STATION 10 OF \$204,400 EACH (TOTAL \$408,800) AND A BUDGET TRANSFER FROM ARPA UTILITY CONTINGENCY ACCOUNT FOR \$600,000 TO COVER TOTAL ESTIMATED PUMP STATION 9 AND 10 IMPROVEMENTS.

WHEREAS, county owns and operates two pump stations installed in the 1980s that operate with the original pumping equipment, Pump Station #9 and Pump Station #10; and

WHEREAS, parts for the original station are becoming less available to keep these stations operable, and therefore, it is recommended the pumps, and the associated equipment, be replaced; and

WHEREAS, the County has received a proposal from Tencarva Machinery Company, for the purchase of two pump stations for \$204,400 each, or a total purchase price of \$408,800, and Tencarva Machinery Company is the sole source vendor for Gorman-Rupp pumps; and

WHEREAS, concrete pad installation and electrical improvements are not included in the equipment pricing and total rehabilitation is estimated at \$300,000 per pump station, or \$600,000 in total, and sufficient American Recovery Plan Act (ARPA) Funding is available to cover these costs.

NOW, THEREFORE BE IT RESOLVED: that the Board of Supervisors of the

County of Prince George this 13th day of September, 2022, hereby awards the contract for the purchase of two package pump stations to Tencarva Machinery Company for \$204,400 each, \$408,800 in total.

NOW THEREFORE, BE IT FURTHER RESOLVED That the Board of Supervisors of the County of Prince George this 13th day of September, 2022, does hereby authorize the following increase of funds within the 2022-2023 Budget, such line items increased as follows, which monies shall be expended for purposes authorized and approved by the Board of Supervisors of the County of Prince George:

<u>FUND/ORGANIZATION</u>	<u>AMOUNT</u>
<u>ARPA Fund</u>	
<u>Expenditure:</u>	
0231-04-104-7003-49199 ARPA Fund Utility Contingency	(\$600,000) Decrease
0231-04-104-3225-48407 ARPA PS 9 Rehab Project	\$300,000 Increase
0231-04-104-3226-48407 ARPA PS 10 Rehab Project	\$300,000 Increase

A Copy Teste:

Jeffrey D. Stoke
County Administrator