

City of Fayetteville Staff Review Form

2019-0436

Legistar File ID

8/6/2019

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Tim Nyander

7/11/2019

WASTEWATER TREATMENT (730)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff recommends the replacement of a centrifugal pump for the Solids Handling Odor Control system at the Paul R. Noland Wastewater Treatment Facility from Jack Tyler Engineering, Inc. in the amount of \$10,900.00 plus applicable freight and taxes, and approval of a budget adjustment.

Budget Impact:

5400.730.5800-5801.00	Water and Sewer
Account Number	Fund
02069.1	Plant Pumps and Equipment - WWTP
Project Number	Project Title
Budgeted Item? <u>Yes</u>	Current Budget \$ 1,081,246.00
	Funds Obligated \$ 1,081,243.25
	Current Balance \$ 2.75
Does item have a cost? <u>Yes</u>	Item Cost \$ 12,621.25
Budget Adjustment Attached? <u>Yes</u>	Budget Adjustment \$ 12,622.00
	Remaining Budget \$ 3.50

V20180321

Purchase Order Number: _____

Previous Ordinance or Resolution # _____

Change Order Number: _____

Approval Date: _____

Original Contract Number: _____

Comments: Freight is estimated at \$600.00 and taxes are estimated at \$1,121.25 for a total of \$12,621.25.



MEETING OF AUGUST 6, 2019

TO: Mayor and City Council

THRU: Don Marr, Chief of Staff
Water & Sewer Committee
Tim Nyander, Utilities Director

FROM: Greg Weeks, Wastewater Treatment

DATE: July 11, 2019

SUBJECT: Centrifugal Pump Replacement for Noland Wastewater Treatment Facility

RECOMMENDATION:

Staff recommends the replacement of a vertical-mount centrifugal pump for the Solids Handling Odor Control system at the Paul R. Noland Wastewater Treatment Facility from Jack Tyler Engineering, Inc. in the amount of \$10,900.00 plus applicable freight and taxes, and approval of a budget adjustment.

BACKGROUND:

The Noland Treatment Facility utilizes two odor control systems, one at the facilities Influent Headworks building (OSC-1) and the second at the Solids Handling building (OSC-2) where WAS or wasted biosolids are belt-press dewatered and loaded into the semi-trucks for transport to the Biosolids Management Site. The odor control systems operate as three-stage chemical scrubbers where dilute solutions of caustic (NaOH) and bleach (NaOCl) remove odorous gases, primarily hydrogen sulfide (H₂S), from the building's exchange air. Large air-intake units generate several interior air-exchanges per hour where the building's exhaust air passes through the odor control units. Replacement of the failed chemical recirculation pump will ensure the functionality of odor removal from Noland's biosolids-handling process as needed.

DISCUSSION:

Recent inspection of a failed Stage 2/3 recirculation pump found the degree of wear-damage to internal components extensive enough that complete replacement of all components is necessary. Vanton quotes comparing cost of an overhaul rebuild kit (parts only) to the cost of a new pump show a percent difference of only 20%. Especially when accounting for the additional labor costs associated with rebuilding the old pump, and the value of a standard warranty acquired with a new pump purchase, staff believes that a new pump purchase is the best choice. Jack Tyler Engineering out of Little Rock, AR recently submitted a low bid of \$10,900.00 for a new Vanton-brand Stage 2/3, vertical-mount centrifugal pump for the facility's Solids Handling Building OSC-2 system. Jack Tyler Engineering is the only regionally authorized supplier for Vanton-brand equipment. Vanton Pump & Equipment Corp. out of Hillside, New Jersey submitted the next highest price quote, while R.C. Beach & Associates, Inc. submitted a

no bid response as they are located outside the Arkansas sales region for Vanton products. Freight is estimated at \$600.00 and taxes are estimated at \$1,121.25 for a total of \$12,621.25.

BUDGET/STAFF IMPACT:

Budgeted funds will be moved from the Sanitary Sewer Rehabilitation account to the Plant Pumps and Equipment account to cover the replacement costs for the centrifugal pump at the Noland WWTP. Funds being moved are budgeted funds for sewer rehabilitation/replacement and maintenance.

Attachments:

Three Quotes
Budget Adjustment



JACK TYLER ENGINEERING, INC.
6112 Patterson Road
Little Rock, AR 72209
Office: (501) 562-2296
FAX: (501) 562-4273
Email: scott@jteng.com

Jacobs
Jeremy LaCoe

7/11/2019

Subject: Vanton Pump

Mr. LaCoe,

Thank you for allowing me to quote you the Vanton pump. We greatly appreciate the opportunity to earn your business. Included on the next pages are our detailed quote. Please let me know if you have any questions or need any additional information.

Sincerely,

A handwritten signature in black ink, appearing to read "Scott Jones".

Scott Jones
Senior Sales Representative

Jack Tyler Engineering, Inc
6112 Patterson Rd
Little Rock, AR 72209
Cell: 479-806-8970
Off: 501-562-2296



JACK TYLER ENGINEERING, INCORPORATED

6112 Patterson Avenue, Little Rock, Arkansas 72209
501-562-2296 * Fax - 501-562-4273 * Toll Free - 800-562-2296

QUOTATION

QUOTATION NUMBER: 62019GWB QUOTATION DATE: 7/11/2019 PAGE: 1 OF 2
INQUIRY DATE: YOUR INQUIRY NO.:

TO: Jacobs

COPIES: Greg W.
Cory G. Stephen E.

ATTN: Jeremy LaCoe

PHONE:
FAX:
Email:

- 1x)** Vanton Sump-Gard® vertical centrifugal sump pump **Model SGA-PY4x3x10-SP**, with all fluid contact parts of homogeneous non-metallic materials, dynamically balanced, keyed, closed impeller, stainless steel shaft completely sleeved with polypropylene.
- Material of ConstructionPolypropylene
- Impeller Dia.9.25"
- Discharge3" Flanged
- "X" Dimension.....24"
- "Y" Dimension.....21"
- Coverplate24" x 30" x 1¼"
- Strainer Basket.....Included
- Wet Shaft Bearings.....Vanite outer vs. ceramic inner
- Wet Bearing Lubrication.....Product Flush
- Coupling GuardIncluded
- *MOTOR AND COUPLING NOT INCLUDED***

Price For Above.....\$10,900.00 EA.

FOB: Factory - NO FREIGHT ALLOWED

ESTIMATED FREIGHT: \$600.00

Delivery: 4-5 Weeks, ARO

Thank you for the opportunity to quote on your requirements. If you have any questions, please do not hesitate to contact us at 501-562-2296.

Very truly yours,

JACK TYLER ENGINEERING, INC.

Scott Jones | Senior Sales Representative

WE ARE SERIOUS ABOUT SERVICE!



JACK TYLER ENGINEERING, INCORPORATED

6112 Patterson Avenue, Little Rock, Arkansas 72209
501-562-2296 * Fax - 501-562-4273 * Toll Free - 800-562-2296

QUOTATION

QUOTATION NUMBER: 62019GWB QUOTATION DATE: 7/11/2019 PAGE: 2 OF 2
INQUIRY DATE: YOUR INQUIRY NO.:

TO: Jacobs

Should this offer be acceptable, please sign below and fax to: 501-562-4273

_____ Date: _____
Signature

Purchase Order Number: _____

WE ARE SERIOUS ABOUT SERVICE!



JACK TYLER ENGINEERING, INCORPORATED

6112 PATTERSON AVENUE, LITTLE ROCK, ARKANSAS 72209
(501) 562-2296 • FAX (501) 562-4273 • ARKANSAS WATS 1-800-562-2296

STATEMENT OF TERMS AND CONDITIONS

TERMS/PAYMENTS: Our terms of payment are net cash 15 days from date of the invoice subject to Seller's prior credit approval. If the Buyer shall fail to make any payments in accordance with the terms and conditions of sale, the Seller, in addition to its other rights and remedies, but not in limitation thereof, may, at its option, without prior notice, cancel this order as to any undelivered products or defer shipments or deliveries hereunder, or under any other agreement between Buyer and Seller, except upon Seller's receipt of cash before shipment or such security as Seller considers satisfactory. Seller reserves the right to impose an interest charge of 16% on the balance of each invoice not paid on its due date for the period from the due date to the date of receipt of payment by Seller. In the event Buyer's failure to make timely payments to Seller results in Seller incurring additional costs, including but not limited to collection expenses and attorneys' fees, said costs shall be added to the amount due Seller from Buyer. Buyer shall have no right to any discount or retainage and shall not withhold payment as a set-off on Seller's invoice in any amount. Visa, MasterCard, Discover, and American Express credit card purchases are accepted.

SHIPMENT: The date of shipment is subject to our receiving your order with complete information at our office, final approval of any prints or drawings as may be required, credit approval, and the acceptance of your order by the company. Freight Charges are not included in the quoted price.

EXPIRATION: Quotation expires 30 days from the date of proposal and, in the interim, is subject to change without notice.

TAXES: Unless otherwise stated in the proposal, the prices quoted herein are exclusive of all sales, use and similar taxes and, wherever applicable, such taxes will be added to the invoice as separate items.

SPECIAL NOTE:

THIS PROPOSAL IS BASED ON CURRENT PRICES. EQUIPMENT IS SUBJECT TO THE SAME PERCENTAGE INCREASE AS MADE BY OUR SUPPLIERS AND THE INVOICE WILL REFLECT PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS SPECIFICALLY EXCEPTED. **WE WILL NOT ACCEPT RETAINAGE ON ANY OF OUR INVOICES!**

******* A \$50.00 minimum order charge will apply *******

WARRANTY:

"The products sold by Jack Tyler Engineering, Inc. hereunder are manufactured by others, and the only warranties that apply to these products are those of the manufacturer of the products which can be passed on by Jack Tyler Engineering, Inc. to its customers. No other warranty of any kind is given in connection with the sale of any of the above products, and JACK TYLER ENGINEERING, INC. MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR AS TO ANY OTHER MATTER RESPECTING THESE PRODUCTS. Jack Tyler Engineering, Inc. shall not be liable in connection with the sale of the above products for any incidental or consequential damages of any kind."

An electronic copy of the latest version is available online at www.jteng.com.



January 9, 2019

Quote No. S-21120-TR

Jacobs
Fayetteville, AR

Attention: Troy Ashby
Tel No.: 479-443-3292

Subject: Request for Quotation; Pump ODC-RP-202

Dear Troy:

Per your request, we are pleased to quote our Sump-Gard® Model SGA-PY4x3x10-SP, based on an existing unit, Serial No. S-28105 built in 2011. This unit is rated for 600 GPM against a 40 ft TDH.

THE PUMP

Vanton Sump-Gard® vertical centrifugal sump pump **Model SGA-PY4x3x10-SP**, with all fluid contact parts of homogeneous non-metallic materials, dynamically balanced, keyed, closed impeller, stainless steel shaft completely sleeved with polypropylene.

Material of Construction	Polypropylene
Impeller Dia.	Special SG-2400; 9.25"
Discharge	3" Flanged
"X" Dimension	24"
"Y" Dimension	21"
Coverplate	24" x 30" x 1¼"
Strainer Basket	Included
Lubrication	Product Flush
Wet Bearings	Vanite outer vs. ceramic inner
Coupling Guard	Included

Unit Price (Pump-end only).....\$ 11,250.00 Ea.

Motor & coupling not included

VANTON PUMP & EQUIPMENT CORP.

201 Sweetland Avenue
Hillside, N J 07205-1793
Tel: 908-688-4216 • Fax: 908-686-9314
<http://www.vanton.com> • e-mail: mkt@vanton.com

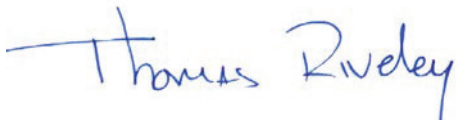
Notes and/or Exceptions

- Our quotation is limited to items specified.
- Vanton will not be responsible for piping, accessories, field wiring and/or installation.

We hope this offer meets with your approval. If you have any questions or require further assistance, please do not hesitate to contact us at your convenience.

Regards,

VANTON PUMP & EQUIPMENT CORP.



Thomas Riveley

F. O. B.: Hillside, NJ, freight not included;

Terms: 1% 10 Days, Net 30 (subject to credit approval), Visa, MasterCard & American Express cards accepted.

Shipment: 2 to 3 weeks ARO. Vanton does have expedited service available to meet more urgent requirements. Please contact the factory for additional information regarding rush deliveries.

From: amps@rcbeach.com
To: [Hickle, Jeff/FAY](mailto:Hickle,Jeff/FAY)
Subject: RE: [EXTERNAL] RE: Vanton Pump Quote Request
Date: Thursday, June 13, 2019 10:23:47 AM

Yes, that is correct.

Thank You,

Wendy
AMPS@rcbeach.com
R.C. Beach & Assoc., Inc.
539 San Christopher Drive
Dunedin Florida 34698
Office 727-736-3696
Fax 727-733-2647

From: Hickle, Jeff/FAY <Jeff.Hickle@jacobs.com>
Sent: Thursday, June 13, 2019 10:58 AM
To: amps@rcbeach.com
Cc: 'Ken Comerford' <kcomerford@vanton.com>
Subject: RE: [EXTERNAL] RE: Vanton Pump Quote Request

Good morning Wendy,
Thanks for the reply back on the Vanton pump inquiry.
Is my understanding correct that Arkansas falls outside of RC Beach & Associates supply region for Vanton products?

Best Regards

Jeff Hickle
Environmental Projects Specialist
D 479 443 3292
M 479 445 5676

CH2M is now Jacobs.
1400 N Fox Hunter Road
Fayetteville, AR 72701
www.jacobs.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#) | [Instagram](#)

From: amps@rcbeach.com <amps@rcbeach.com>
Sent: Thursday, June 13, 2019 9:54 AM
To: Hickle, Jeff/FAY <Jeff.Hickle@jacobs.com>
Cc: 'Ken Comerford' <kcomerford@vanton.com>
Subject: [EXTERNAL] RE: Vanton Pump Quote Request

Jeff,

I did receive this previously and sent it to Vanton.
We are the manufactures rep for Florida.
I will copy this to Vanton again and follow up that they receive it.

Thank You,

Wendy
AMPS@rcbeach.com
R.C. Beach & Assoc., Inc.
539 San Christopher Drive
Dunedin Florida 34698
Office 727-736-3696
Fax 727-733-2647

From: Hickle, Jeff/FAY <Jeff.Hickle@jacobs.com>

Sent: Thursday, June 13, 2019 10:41 AM

To: info@rcbeach.com

Subject: RE: Vanton Pump Quote Request

Good morning,

I wanted to follow up on this earlier request on pricing for a Vanton Sump-Gard pump.

Thank you

Jeff

From: Hickle, Jeff/FAY

Sent: Friday, June 07, 2019 4:34 PM

To: info@rcbeach.com

Subject: Vanton Pump Quote Request

Good afternoon,

My name is Jeff Hickle and I work with Jacobs Engineering out of Fayetteville, AR.

I am interested in pricing and availability of a Vanton-model vertical centrifugal pump described below.

Vanton Sump-Gard® vertical centrifugal sump pump **Model SGA-PY4x3x10-SP**, with all fluid contact parts of homogeneous non-metallic materials, dynamically balanced, keyed, closed impeller, stainless steel shaft completely sleeved with polypropylene.

Material of Construction Polypropylene

Impeller Dia. Special SG-2400; 9.25"

Discharge 3" Flanged

"X" Dimension 24"

"Y" Dimension 21"

Coverplate 24" x 30" x 1¼"

Strainer Basket Included

Lubrication Product Flush

Wet Bearings Vanite outer vs. ceramic inner

Coupling Guard Included

Assuming this model of pump is available through R.C. Beach & Associates, thank you for a quote for this style unit.

Best Regards

Jeff Hickle

Environmental Projects Specialist

D 479 443 3292

M 479 445 5676

CH2M is now Jacobs.

1400 N Fox Hunter Road

Fayetteville, AR 72701

www.jacobs.com | [LinkedIn](#) | [Twitter](#) | [Facebook](#) | [Instagram](#)

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