

RESOLUTION
of the
BOROUGH OF NEW PROVIDENCE
Resolution No 2016-094

Council Meeting Date: 02-22-2016

Date Adopted: 02-22-2016

TITLE: RESOLUTION APPROVING PURCHASE ORDER FOR PCS PUMPS AND PROCESS, IN AN AMOUNT NOT TO EXCEED \$16,900.00 FOR TREATMENT PLANT PUMP REPAIRS, SOLE SOURCE PROVIDER

Councilperson Galluccio submitted the following resolution, which was duly seconded by Councilperson Muñoz.

BE IT RESOLVED by the Mayor and Council of the Borough of New Providence, in the County of Union and State of New Jersey, that they do hereby approve purchase as follows:

- Capital - 15—273-930-3-C6000
- Amount - \$16,900.00

Said purchase order is made and approved in the form as attached hereto and made a part thereof. Funds for said purchase order are certified available from Current Budgeted Appropriations.

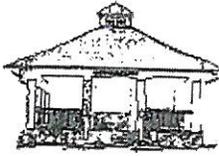
APPROVED, this 22nd day of February, 2016.

RECORD OF VOTE

	AYE	NAY	ABSENT	NOT VOTING
GALLUCCIO	X			
GENNARO	X			
KAPNER	X			
MADDEN	X			
MUÑOZ	X			
ROBINSON	X			
MORGAN			TO BREAK COUNCIL TIE VOTE	

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 22nd day of February, 2016.

Wendi B. Barry, Borough Clerk



BOROUGH OF
NEW PROVIDENCE
SETTLED IN 1720

WASTEWATER TREATMENT PLANT
10 PARK PLACE
NEW PROVIDENCE NJ 07974

TO: Mayor and Council

Douglas Marvin, Borough Administrator

FROM: Anthony Carnevale Jr., Superintendent Wastewater Operations

SUBJECT: Treatment Plant – Replacement of Transfer Pumps

DATE: January 29, 2016

The Wastewater Treatment Plant has two (2) Transfer pumps that were installed in 1969, which means these pumps have been in operation for 47 years. The pump manufacturer is Fairbank Morse and the pump style is vertical centrifugal pumps with a separate motor mounted on top of the pump. Their operational purpose is to feed flow from the plants primary clarifier tank to the plastic media filter. One pump runs continuous for 24 hours and the two pumps are rotated daily to even wear and tear.

Over the course of the life of these two (2) pumps our department has done all the maintenance and repairs in-house as opposed to sending out the pumps for rebuilds and repairs which has saved the Borough a very significant amount of money over the life of these pumps. I feel strongly that the in-house maintenance and quality care provided to these pumps over the years is the main reason for their extremely long life span.

We are now at the point where the pumps stuffing boxes are extremely worn out and need to be replaced. The stuffing boxes on these pumps have only been replaced twice since their installation. The North Jersey representative and dealer for Fairbank Morse Pumps is PCS Pumps and Process in Fairfield, NJ who have informed me that the stuffing boxes for these pumps are no longer manufacture as a separate press in, press out piece as in the past. We would now need to be purchase the stuffing box and an adapter housing which comes with a big price increase. Just the stuffing box was about \$1,000 with the adapter the cost is almost \$3,000 dollars. When we add in the normal wear and tear parts to do the rebuilds of these pumps the cost will be close to \$5,000 dollars per pump.

Due to the repair cost and age of these pumps I am recommending replacing these pumps and motors. The borough will save money by leaving the existing pump bases in place as they are sturdy and sound. The cost for a new pump and motor from the base up is \$8071.12 per pump. The total cost of the two replacement pumps is \$16,142.24. Due to the extended life, performance, departments familiarity of the Fairbank Morse Pumps and utilization of the existing bases we will purchase exact replacement pumps.

PCS Pumps and Process is the sole provider of Fairbank Morse Pumps in New Jersey. I have attached their sole provider letter and their pump quote. I have also attached photos of the existing pumps. Funds for this purchase are available in our department's Capital account #15-273-930-3-6000.

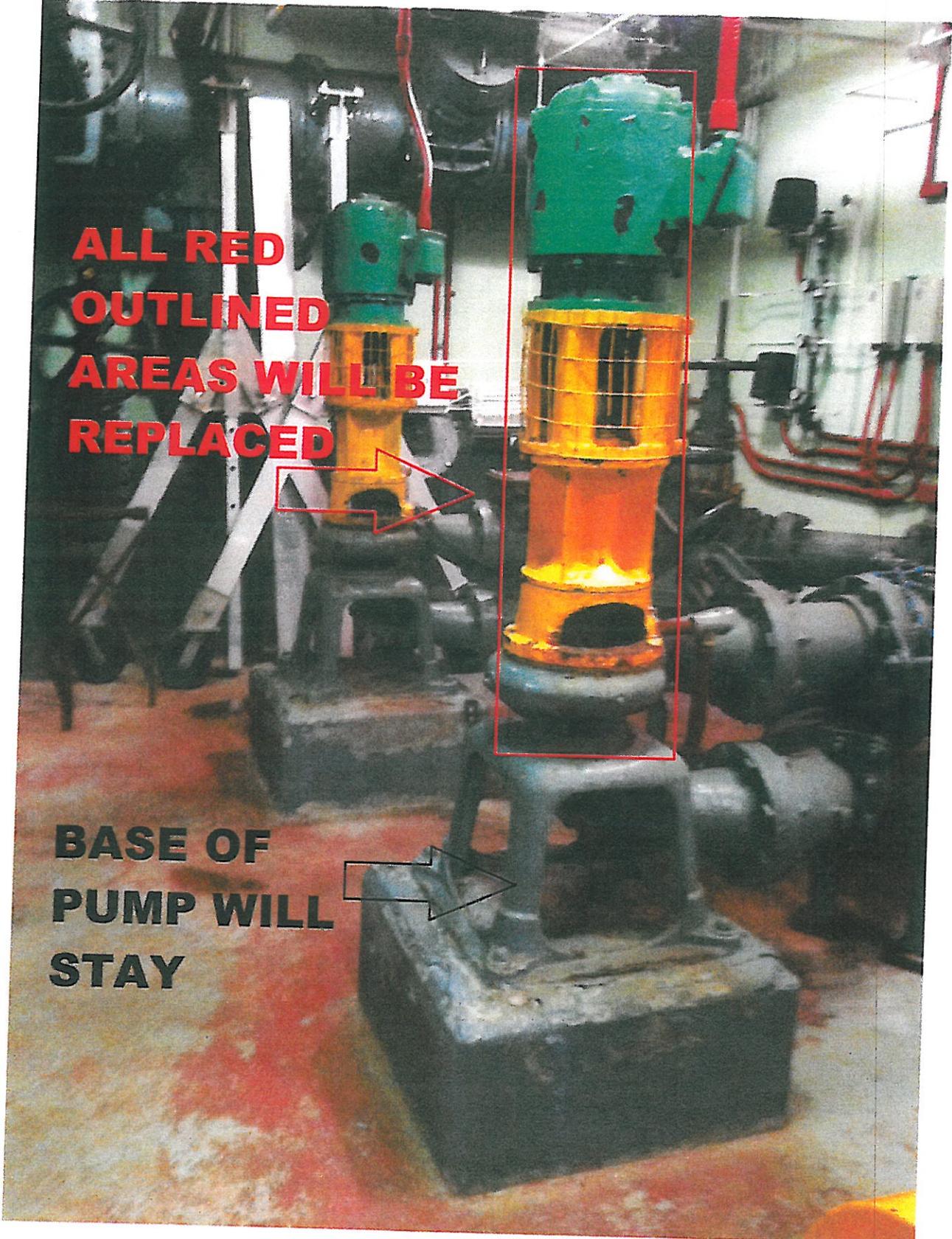
We continue the process to gradually keep replacing aging pumps, valves and equipment at the Treatment Plant to keep our facilities operations as reliable, effective and efficient as possible.

Any questions about this matter please feel free to contact me.

Sincerely,

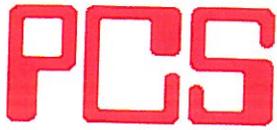
A handwritten signature in cursive script that reads "Anthony Carnevale". The signature is written in black ink and is positioned above the printed name.

Anthony Carnevale



**ALL RED
OUTLINED
AREAS WILL BE
REPLACED**

**BASE OF
PUMP WILL
STAY**



Pump & Process

41 Plymouth Street Fairfield, NJ 07004

(973) 575-7464 FAX: (973) 575-5938

January 15, 2016

Quotation # 16-005 Revision 1

Attention: Anthony Carnevale
Borough of New Providence WWTP

Subject: Fairbanks Nijhuis Replacement Pump

PCS Pump and Process is pleased to offer the following equipment:

One (1) Fairbanks Nijhuis Model 3" 5441B Horizontal Solids Handling Pump (Less Motor)

- T20 Frame Pump
- Dynamic Balance Impeller
- Motor High Ring Base
- Coupling and Coupling Guard
- Standard Construction and Materials
- Factory Standard Paint
- Hydraulic and dimensional duplicate of Serial # K2P1-057207

The above equipment including freight..... \$ 7,376.84 net each

Motor – 182HP Frame \$ 694.28 net each

- 3HP 1800 RPM 3/60/230-460V
- TEFC
- Premium Efficient
- Coro Duty
- All other features standard
- Thermostats/Thermistors Excluded
- Space Heaters Excluded

Notes:

- The above pump is an in kind replacement for serial # K2P1-057207. It is a dimensional and hydraulic duplicate of the installed pump.
- Above proposal EXCLUDES vertical base and suction elbow.
- No testing is included on the above pump.
- Pump alignment with motor should be checked after receipt of the pump. Pump alignment is EXCLUDED from this proposal
- A motor is EXCLUDED from this proposal unless the above adder is included.

Delivery:

- 12 – 14 Weeks ARO

I can be reached at the below contact information with any questions.

Regards,

Chris Kramer
PCS Pump & Process
Cell: 201-574-5833
Office: 973-575-7464 Ext. 111
Email: CKramer@PCSPump.com

CC: Chris Garaffa – Cell: (201) 916-2208, Email: CGaraffa@PCSPump.com



FAIRBANKS NIJHUIS™

3601 Fairbanks Ave.
Kansas City, KS 66106
913-371-5000

Feb 1, 2016

Anthony Carnevale Jr., Supervisor, Licensed Operator
NP/Summit Wastewater Operations
360 Elkwood Ave
New Providence, NJ 07974

Mr. Anthony Carnevale:

This letter is to advise you that Pentair-Fairbanks Nijhuis has a contractual sales agreement with PCS Pump and Process for the sale of pumps, parts and service for the municipal market in New Jersey

This agreement provides you and other customers with local representation for the service of Fairbanks Nijhuis products. All orders for our pumps, parts and service in New Jersey must be placed through PCS Pump and Process as part of this agreement.

If you have any additional questions, feel free to contact me directly at the numbers listed below.

Best Regards,

A handwritten signature in blue ink that reads 'Robert McGuigan'. The signature is stylized and includes a large circular flourish at the end.

Robert McGuigan
NE Regional Sales Manager
Flow Technologies
Pentair
[860-635-4224](tel:860-635-4224) Office
[203-379-6719](tel:203-379-6719) Mobile
Robert.McGuigan@PENTAIR.COM

www.pentair.com