

**RESOLUTION**  
of the  
**BOROUGH OF NEW PROVIDENCE**  
Resolution No 2013-119

Council Meeting Date: 03-11-2013

Date Adopted: 03-11-2013

TITLE: RESOLUTION APPROVING PURCHASE ORDER FOR HORIZON INDUSTRIES INC., IN AN AMOUNT NOT TO EXCEED \$16,900.00 FOR REPLACEMENT VARIABLE FREQUENCY DRIVES

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 - 15-259-930-3-40040
- 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 11<sup>th</sup> day of March, 2013.

RECORD OF VOTE

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

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 11<sup>th</sup> day of March, 2013.

Wendi B. Barry, Borough Clerk



**BOROUGH OF**  
**NEW PROVIDENCE**  
SETTLED IN 1720

WASTEWATER TREATMENT PLANT  
10 PARK PLACE  
NEW PROVIDENCE NJ 07974

**To: Mayor, Council and Douglas Marvin, Borough Administrator**

**From: Anthony Carnevale Jr., State Licensed Operator**

**Re: VFD Replacement**

**Date: January**

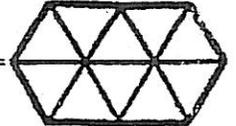
**The attached quotes are for the replacement of two (2) Variable frequency Drives (VFD's) at the plant. We will be replacing two (2) Low Lift Pump - 60 H.P. Drives. I received quotes from Amjet Enterprises, Dynamic Tele/Net Infrastructure and Horizon Industries Inc. for the installation of these drives. Horizon Industries provided the lowest quote for sixteen Thousand nine hundred dollars (\$16,900.00).**

**When the above-mentioned job is complete all nine (9) of the treatment Plant's VFD's will have been upgraded in the last three years . Funds for this project are available in the departments Capital Account -15-259-930-3-40040. Please notify me when approval for this project is complete so I may contact Horizon Industries and schedule for this project to commence. If you have any other questions regarding this matter, please contact me.**

**Sincerely,**

**Anthony Carnevale Jr.**

# AMJET



ENTERPRISES

11 1/2 ELM STREET  
ROCKAWAY, NJ 07866  
973-627-5690

Feb. 8, 2013

Borough of New Providence  
Waste Water Treatment Plant  
10 Park Place  
New Providence, NJ 07974

Attention: Mr. Anthony Carnevale  
Chief Operating Plant Engineer

Reference: Replacement of Square D Altivar VFD Drives

Gentlemen:

Our firm is pleased to provide the Borough of New Providence with a quotation to replace two (2) Square D Altivar VFD drives at your Treatment Plant facility.

The existing Altivar 55 VFD drives will be replaced with the generation of Altivar VFD Drives - Model 61 Series VFD drives.

The Borough is interested in replacing two (2) existing drives at your plant. The drives to be replaced are both 60 horsepower Altivar drives.

The replacement of each drive will include:

- a. Remove the old 55 drive
- b. Install a new Altivar 61 series drive.
- c. All drives include a new input/output drive card.
- d. All new control relays, bases, wiring and DC power packs are include.
- e. The quoted price includes extended factory warrantee to 18 months.
- f. The quoted price includes factory startup.
- g. Our quoted price includes all required labor to remove and install drives.

The delivery on the drives is about 5 to 6 weeks after New Providence's approval is provided to our firm.

The total price to replace the two (2) Square D Altivar VFD drives as outlined above would be \$ 19670.00. Sales Tax Exempt.

All quoted prices are NJ Sales Tax Exempt and include freight charges delivering the drives to the New Providence Waste Water Treatment Plant.

Our firm thanks you for this opportunity to serving the New Providence Waste Water Treatment Plant.

if you should have any questions please contact our office.

Sincerely,  
Andrew Chop  
Amjet Enterprises



**DYNAMIC TELE/NET  
INFRASTRUCTURE**

**2 OAKWOOD ROAD  
RANDOLPH, NJ 07869  
973-800-8230**

Feb. 12, 2013

Borough of New Providence  
Waste Water Treatment Plant  
10 Park Place  
New Providence, NJ 07974

Attention: Mr. Anthony Carnevale  
Chief Operating Engineer

Reference: Replacement of Square D  
Altivar Series 55 Drives

Gentlemen:

We are pleased to offer the following proposal for the replacement of two (2) existing Square D Altivar Series 55 VFD drives at your Waste Water Treatment Plant.

Your existing Altivar Series 55 drives have been upgraded with a newer current model Altivar drive, the new 61 series.

The Series 61 is the new Altivar VFD and is a direct replacement of the older 55 series Altivar drive.

As per your instructions, two (2) of the older 55 series Altivar drives are to be replaced.

The scheduled horsepower replacements include two (2) 60 HP VFD Motor Controllers. Both VFD drives are 3 phase, 60 cycle, 460 volts.

Each drive will be replaced as follows:

1. The old series 55 Altivar drive will be removed.
2. The new Altivar 61 series drive will be installed
3. Each drive to have new input/output optional card.
4. All control relays and DC power components are included.
5. Includes extended factory warrantee to 18 months.

6. Includes Square D factory startup.
7. Includes all labor to remove and install drives.

Once approval is provided by New Providence, our firm will develop a complete set of drive submittals which will be provided to your office.

After review and approval delivery of the drives is about 4 to 6 weeks.

This proposal is based on the replacement of both drives at the same time.

The total price for the two (2) 60 HP Square D Altivar drives with installation prevailing wage labor would be:

\*\*\* 20840.00\*\*\*

Twenty Thousand Eight Hundred Forty Dollars

Terms net 30 days.

All prices would be NJ Sales Tax Exempt and include the proper freight cost to the project site.

Thank you for allowing our firm this opportunity to serve the New Providence Waste Water Treatment Plant.

If you should have any questions concerning our firm's proposal please contact our office.

Best regards,

Brett Diaz

**HORIZON INDUSTRIES INC.  
8 HORIZON DRIVE  
DENVER, NJ 07834**

**973-361-9777 FAX 973-659-1580**

NJ ELECTRICAL LICENSE NO. 8543

February 4, 2013

Borough of New Providence  
Waste Water Treatment Plant - 10 Park Place  
360 Elkwood Ave.  
New Providence, NJ 07974

Tel: 908-665-1077  
Fax 908-665-2048  
Email – [acarnevale@newprov.org](mailto:acarnevale@newprov.org)

Attention: Mr. Tony Carnevale  
Chief WWTP Operator

Reference: Replacement of Existing Square D  
Altivar 60 HP VFD Motor Drives

Gentlemen:

**Horizon Industries Inc.** would like to first take this opportunity to thank the **New Providence Waste Water Treatment Plant** for allowing our firm this opportunity to quote your facility on the installation of new Square D VFD motor drives.

As requested by your office, our firm has developed a quotation to provide two (2) new Square D Altivar VFD motor drives.

The two (2) Square D Altivar drives to be replaced will be two (2) 60 HP units at your New Providence Waste Water Treatment Plant..

Each VFD Drive replacement would include the following:

- New Square D Altivar 61 Series VFD Drive
- VFD Drive to include LCD Graphic Display Terminal
- Computerized Extension Input/Output Optional Card VW3A3202 –TV71
- Altivar Fan Kit
- Additional Power Relays required for this conversion.
- Additional DC Power Pack Components required for this conversion.
- Labor to Remove the existing old Square D Altivar 55 Series VFD Drive
- Labor to Install new Square D Altivar Drive
- All electrical wiring and misc. mounting hardware included for new drive installation.
- Square D Altivar factory testing and startup services included for each drive
- Extended Factory Warrantee to 18 months
- Includes Freight to New Providence WWTP

The VFD Drives are all sized for 3 phase, 60 cycle, 460 volts with a standard Altivar enclosure.

Horizon Industries Inc. quotation will provide and replace two (2) Square D Altivar drives with the latest series Altivar drive.

As per your instructions, the two (2) new VFD drives will be scheduled and replaced at the same time and will include factory start up services.

The sizes and model numbers are as follows:

Size/Horsepower – 60 HP quantity two (2) Altivar ATV61HD45N4 Drives

The total installed price for the above two (2) Square D Altivar VFD drives including all labor and materials would be:

**Two (2) 60 HP VFD – \$ 16900.00**

Terms are net 30 days. Sales Tax Exempt – Price firm for 30 days

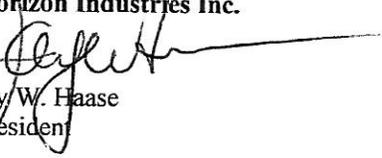
Delivery of the above units is about 4 weeks after approval and order release.

Thank you for considering our firm for attending to your electrical VFD needs. We look forward to working with you on this project and those in the future.

Please contact us if you should have any questions, comments, concerns or if we maybe of any other assistance to you.

Best regards,

**Horizon Industries Inc.**

  
Jay W. Haase  
President