

RESOLUTION NO. 2015-215

A RESOLUTION TO AMEND AND SUPPLEMENT RESOLUTION NO. 2012-480, AUTHORIZING ENGINEERING SERVICES TO INSTALL SELECTIVE CATALYTIC REDUCTION SYSTEM ON THE COMBUSTION TURBINE AT WEST SUBSTATION.

WHEREAS, the City Council of the City of Vineland, on December 11, 2012, adopted Resolution No. 2012-480, entitled “A RESOLUTION AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES WITH BURNS AND ROE ENTERPRISES, INC., ORADELL, NJ, FOR ENGINEERING SERVICES TO INSTALL A SELECTIVE CATALYTIC REDUCTION SYSTEM ON THE COMBUSTION TURBINE AT WEST SUBSTATION”; and

WHEREAS, there exists a need to amend and supplement the Professional Services contract awarded to Burns and Roe Enterprises, Inc., Oradell, NJ, for Engineering Services to Install a Selective Catalytic Reduction (SCR) System on the Combustion Turbine at West Substation as authorized by Resolution No. 2012-480; by change order to Contract No. C12-0082, to provide for the design and installation of a new cable bus which was planned as part of another project; the cable bus work had to be advanced and included with the SCR project when it became apparent the existing cable bus would be an obstruction to SCR flue; and

WHEREAS, the City Comptroller has certified that funds for the amendment requested herein are available; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland as follows:

1. THAT Resolution No. 2012-480, entitled “A RESOLUTION AUTHORIZING AN AGREEMENT FOR PROFESSIONAL SERVICES WITH BURNS AND ROE ENTERPRISES, INC., ORADELL, NJ, FOR ENGINEERING SERVICES TO INSTALL A SELECTIVE CATALYTIC REDUCTION SYSTEM ON THE COMBUSTION TURBINE AT WEST SUBSTATION”; be and the same is hereby amended and supplemented to increase the maximum amount of the contract by \$15,295.00.

2. THAT the Purchasing Agent be and the same is hereby authorized to issue an amendatory supplemental change order #5 to Contract No. C12-0082, in the amount in the amount of \$15,295.00.

Adopted:

\_\_\_\_\_  
President of Council

ATTEST:

\_\_\_\_\_  
City Clerk



May 19, 2015

REPORT

TO: THE MAYOR AND COUNCIL

RE: Amendatory Supplemental Change Order No. 5  
Contract No. C12-0082  
Install Selective Catalytic Reduction System on Combustion Turbine at West Substation  
Burns and Roe Enterprises, Inc., Oradell, NJ

Dear Mayor and Member of Council:

We are requesting an amendatory supplemental change order to Contract No. C12-0082, issued to Burns and Roe Enterprises, Inc., Oradell, NJ for Engineering Services to Install a Selective Catalytic Reduction (SCR) System on the Combustion Turbine at West Substation. This contract was authorized by Resolution No. 2013-480, adopted by City Council on December 11, 2012.

The SCR is required to reduce emissions of nitrogen oxides in order to comply with a new regulation that went into effect this year.

The change order requested, in the amount of \$15,295.00, will provide for the design and installation of a new cable bus which was planned as part of another project. The cable bus work had to be advanced and included with the SCR project when it became apparent the existing cable bus would be an obstruction to SCR flue.

<b>ORIGINAL</b>	<b>\$803,000.00</b>
#1	\$ 68,088.00
#2	(\$ -4,810.00)
#3	\$ 11,440.00
#4	\$149,345.00
#5	\$ 15,295.00

This change order will increase the current revised contract amount from \$877,718.00 to \$1,042,358.00.

The amendatory supplemental change order for which authorization is herein requested may be authorized in accordance with N.J.A.C. 5:34-4.1 et seq.

Sincerely,  
  
Robert E. Dickenson, Jr.  
Assistant Business Administrator

RD/wr



REQUEST FOR CHANGE ORDER

FOR:

Selective Catalytic Reduction System for Combustion Turbine at West Substation

PROJECT NAME

TO: BUSINESS ADMINISTRATION

DEPARTMENT: Electric Utility FROM: Joseph L. Colla

This is a request for change order # 5 to Contract # C12-0082 for:

Project Name Selective Catalytic Reduction System for Combustion Turbine at West Substation

Name/Address of

Contractor: Power Burns and Roe, Inc. 2000 Crawford Place, Mount Laurel, NJ 08054

The change order is necessary because: (use additional pages if necessary to explain your reason and you must attach \*documentation to support the necessity of this change order.

\*(Documentation from contractor, engineer, etc.)

Please see the attached description and explanation for the change

order along with supporting documentation from the engineering firm.

Original Contract Amount:	\$ <u>803,000.00</u>
Amount of this change order:	\$ <u>15,295.00</u>
Previous Change Orders:	\$ <u>224063.00</u>
Total Revised Amount:	\$ <u>1,042,358.00</u>

APPROVED BY: J A ISABELLA  
Print/type

[Signature]  
Signature

[Handwritten notes]  
5/6/15  
Jan 5/6/15

**NOTE:**  
**CHANGE ORDERS CANNOT EXCEED 20% OF THE ORIGINAL CONTRACT AMOUNT**

Please provide the account number that the change order will be charged to:

Account # 022-0-00-00-000-2-7511700, E340

CC: Purchasing Division

[Handwritten initials]

## **Change Order for Power Burns and Roe Contract for Engineering Services**

The workscope of this change order consists of engineering design services by Power Burns and Roe for a cable bus required for the installation of a selective catalytic reduction unit on the combustion turbine at west substation. Please see the attached workscope description. The SCR is required to reduce emissions of nitrogen oxides in order to comply with a new regulation that went into effect this year. The design and installation of a new cable bus was planned as part of another project. The cable bus work had to be advanced and included with the SCR project when it became apparent the existing cable bus would be an obstruction to the SCR flue. A change order request was not initiated when this work was begun because the anticipated additional cost was relatively low and sufficient funding might be available in the then existing contract.

**POWER Burns and Roe Scope of Work**  
**VMEU West Station Cable Bus Modifications**  
 Dec. 22, 2014

POWER Burns and Roe will perform the following scope:

- Based on interface with VMEU and site investigations, prepare a cable bus arrangement drawing showing the modified configuration of the cable bus, to be installed between the existing end points.
- Prepare a bus duct and phenolic support specification/data sheet.
- Interface with AZZ (Calvert) for fabrication of the new cable bus enclosure sections as shown on the arrangement drawings. Procurement will be by others.
- Include a quantity of replacement phenolic cable support blocks to be used by VMEU when installing new cable in the existing and modified cable bus enclosure.
- Design a new support for the modified arrangement of the cable bus using existing foundation.

Work which will be done by others:

- Specification and procurement of the 15kV cable for the cable bus.
- Procurement of the new cable bus enclosure sections and phenolic supports in accordance with arrangement drawing and specification/data sheet prepared by POWER Burns and Roe.
- Fabrication and installation of the new supports.
- Installation of the cable bus enclosure sections, pulling and termination of cable, and installation of cable support blocks in accordance with AZZ (Calvert) drawings and instructions.

Personnel	Position	Hours	Rate (\$/hr)	Price	Remarks
D. Chianese	Project Manager	6	200	\$1,200	
I. Rubin	Chief Electrical	5	200	\$1,000	
J. Palmer	Engineer/Analyst	45	155	\$6,975	Includes 2 walk downs
T. Kutylowski	Senior Engineer/Analyst	20	180	\$3,600	Includes 2 walk downs
C. Peden	Senior Engineer/Analyst	8	180	\$1,440	Includes 1 walk down
M. Ballod	Senior Engineer/Analyst	6	180	\$1,080	
<b>TOTAL</b>		<b>90</b>		<b>\$15,295</b>	