

RESOLUTION NO. 2015-301

A RESOLUTION AUTHORIZING THE ISSUANCE OF AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 15, TO CONTRACT NO. RES09-623, ISSUED TO SIEMENS ENERGY, INC., ORLANDO, FL (FORMERLY ROLLS-ROYCE ENERGY, MOUNT VERNON, OH), IN AN AMOUNT NOT TO EXCEED \$1,144,389.30.

WHEREAS, the City Council of the City of Vineland, on November 24, 2009, adopted Resolution No. 2009-623, entitled "A RESOLUTION AWARDING A CONTRACT TO ROLLS-ROYCE ENERGY SYSTEMS INC., MOUNT VERNON, OH, FOR THE COMPLETION OF VMEU SIMPLE CYCLE TURBINE GENERATOR WITH SELECTIVE CATALYTIC REDUCTION"; and

WHEREAS, N.J.A.C. 5:30-11.9 sets forth the procedures for processing change orders which exceed the 20 percent limitation; and

WHEREAS, the Director of Municipal Utilities has requested a change order to contract to Siemens Energy Inc., Orlando, FL, (formerly Rolls-Royce Energy Systems, Inc., Mount Vernon, OH) for the Completion of VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction as authorized by Resolution No. 2009-623; said change order is necessary to incorporate the following modifications:

1. Engineering study for partial disassembly of AAF combustion air filter house. The study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of this change order results in an increase of \$11,000.00.
2. Engineering study for partial disassembly of GT package. This study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of this change order results in an increase of \$5,000.00.
3. Storage of Siemens supplied equipment. Storage of this equipment was necessary to support the amended contractual delivery schedule incorporated by Change Order #13. Incorporation of this change order results in an increase of \$171,899.30.
4. Flushing of the combustion turbine lube oil system. Incorporation of this change order results in an increase of \$30,390.00.
5. Purchase of an additional 3307.5 on-site Technical Direction of Installation (TDI) man-hours. Incorporation of this change order results in an increase of \$926,100.00; and

WHEREAS, the City of Vineland desires to comply with said requirements of N.J.A.C. 5:30-11.1, et seq., and to that end herewith files with the governing body a report stating the facts involved and indicating that the proposed change order may be allowed under these regulations; and

WHEREAS, the City Comptroller has certified the availability of funds for the amendatory supplemental change order for which authorization is requested in the amount of \$1,144,389.30; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said amendatory supplemental change order #15 to Contract No. RES09-623, issued to Siemens Energy Inc., Orlando, FL, (formerly Rolls-Royce Energy Systems, Inc., Mount Vernon, OH), in the amount of \$1,144,389.30, be and the same is hereby ratified and approved.

Adopted:

---

President of Council

ATTEST:

---

City Clerk



July 21, 2015

REPORT

TO: THE MAYOR AND COUNCIL

RE: Change Order No. 15  
Contract No RES09-623  
VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction  
Siemens Energy Inc., Orlando, FL, (formerly Rolls-Royce  
Energy Systems, Inc., Mount Vernon, OH)

Dear Mayor and Members of Council:

We are requesting that an amendatory supplemental change order be issued for Contract No. RES09-623, to Siemens Energy Inc., Orlando, FL, (formerly Rolls-Royce Energy Systems, Inc., Mount Vernon, OH) for the Completion of VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction. This contract was authorized by Resolution No. 2009-623, adopted by City Council on November 24, 2009, in the amount of \$26,925,000.00.

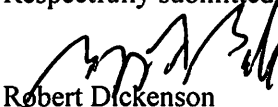
The change order requested, in the amount of \$1,144,389.39, is necessary to incorporate the following modifications:

1. Engineering study for partial disassembly of AAF combustion air filter house. The study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of this change order results in an increase of \$11,000.00.
2. Engineering study for partial disassembly of GT package. This study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of this change order results in an increase of \$5,000.00.
3. Storage of Siemens supplied equipment. Storage of this equipment was necessary to support the amended contractual delivery schedule incorporated by Change Order #13. Incorporation of this change order results in an increase of \$171,899.30.
4. Flushing of the combustion turbine lube oil system. Incorporation of this change order results in an increase of \$30,390.00.
5. Purchase of an additional 3307.5 on-site Technical Direction of Installation (TDI) man-hours. Incorporation of this change order results in an increase of \$926,100.00.

This change order increases the current revised contract amount of \$59,066,548.88 to \$60,201,938.18.

The amendatory supplemental change order which exceeds the 20% limitation, for which authorization is herein requested, may be authorized in accordance with N.J.A.C. 5:30-11.9.

Respectfully submitted

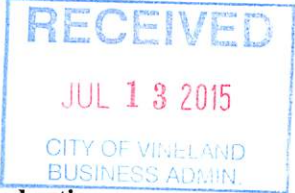
  
FOR  
RD  
Robert Dickenson  
Assistant Business Administrator

RD/wr  
Encl.



Peter J. Kudless  
Project Manager  
Clayville Unit #1  
pkudless@vinelandcity.org  
www.vinelandcity.org

211 N. West Ave  
Vineland, NJ 08362-1508  
Phone: (856) 794-4000  
Extension: 4380  
Fax: (856) 405-4625



REQUEST FOR CHANGE ORDER  
FOR:

**VMEU Simple Cycle Turbine Generator With Selective Catalytic Reduction**  
**PROJECT NAME**

TO: BUSINESS ADMINISTRATION

DEPARTMENT: VMEU Generation Engineering FROM: Pete Kudless, Project Manager *PJK*

This is a request for change order # 15 to Contract # RES09-623 for:

Project Name: VMEU Simple Cycle Turbine Generator With Selective Catalytic Reduction

Name/Address of Contractor: Siemens Energy, Inc.  
105 N. Sandusky St.  
Mount Vernon, OH 43050

This change order is necessary to incorporate the following modifications to this contract (Resolution 2009-623 attached):

- 1) Engineering study for partial disassembly of AAF combustion air filter house per Siemens Change Order Proposal #55 (copy attached). This study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of Siemens Change Order Proposal #55 results in a contract price increase of \$11,000.00.
- 2) Engineering study for partial disassembly of GT package per Siemens Change Order Proposal #58 (copy attached). This study was necessitated by improper grout installation under the combustion turbine skid. This cost has been back-charged to the construction contractor. Incorporation of Siemens Change Order Proposal #58 results in a contract price increase of \$5000.00.
- 3) Storage of Siemens supplied equipment per Siemens Change Order Proposal #78 (copy attached). Storage of this equipment was necessary to support the amended contractual delivery schedule incorporated by Change Order #13 to this contract. Incorporation of Siemens Change Order Proposal #78 results in a contract price increase of \$171,899.30.



*Handwritten mark*



Peter J. Kudless  
Project Manager  
Clayville Unit #1  
pkudless@vinelandcity.org  
www.vinelandcity.org

211 N. West Ave  
Vineland, NJ 08362-1508  
Phone: (856) 794-4000  
Extension: 4380  
Fax: (856) 405-4625

- 4) Flushing of the combustion turbine lube oil system per Siemens Change Order Proposal #85 (copy attached). Incorporation of Siemens Change Order Proposal #85 results in a contract price increase of \$30,390.00.
- 5) Purchase of an additional 3307.5 on-site Technical Direction of Installation (TDI) man-hours as detailed in Siemens Change Order Proposal #87 (attached). Incorporation of Siemens Change Order Proposal #87 results in a contract price increase of \$926,100.00.

<b>Original Contract Amount:</b>	\$ <u>26,925,000.00</u>
<b>Amount of This Change Order:</b>	\$ <u>1,144,389.30</u>
<b>Previous Change Orders:</b>	\$ <u>32,141,548.88</u>
<b>Total Revised Amount:</b>	\$ <u>60,210,938.18</u>





APPROVED BY: Joseph Isabella  
Print/Type

  
Signature

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

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

Account # 022-0-00-00-0000-2-7511600 E343Y

- CC: Purchasing Division  
 Gus Foster   
 John Boyle   
 Pete Kudless   
 Jeff Davis 



CITY OF VINELAND, NJ

RESOLUTION NO. 2009- 623

A RESOLUTION AWARDING A CONTRACT TO ROLLS-ROYCE ENERGY SYSTEMS INC., MOUNT VERNON, OH, FOR THE COMPLETION OF VMEU SIMPLE CYCLE TURBINE GENERATOR WITH SELECTIVE CATALYTIC REDUCTION.

WHEREAS, the City of Vineland has heretofore advertised for bids for the Completion of VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction, in accordance with specifications on file in the office of the Purchasing Agent; and

WHEREAS, on October 27, 2009, bids were received, duly opened and read aloud, being referred to the Business Administrator for tabulation, evaluation, report and recommendation; and

WHEREAS, the Business Administrator has, under date of November 17, 2009 submitted a written report and tabulation of the bids received and has recommended that a contract for the Completion of VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction, be awarded to Rolls-Royce Energy Systems Inc., Mount Vernon, OH, in the amount of \$26,925,000.00, the City of Vineland reserves the right to exercise the Contract Price Modifications (price options) offered by Rolls-Royce Energy Systems, Inc. per the specification and their proposal, upon approval of City Council by means of change orders, if in the best interests of the City, within the timelines detailed in the specification and their proposal, said bid being the evaluated lowest responsive bid received and considered in the best interest of the City of Vineland; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said contract for the Completion of VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction, be and the same is awarded to Rolls-Royce Energy Systems Inc., Mount Vernon, OH, on their bid in the amount of \$26,925,000.00, the City of Vineland reserves the right to exercise the Contract Price Modifications (price options) offered by Rolls-Royce Energy Systems, Inc. per the specification and their proposal, upon approval of City Council by means of change orders, if in the best interests of the City, within the timelines detailed in the specification and their proposal, said bid being the evaluated lowest responsive bid received and considered in the best interest of the City of Vineland, and the Purchasing Agent be and the same is hereby authorized and directed to issue purchase order contract for the same in behalf of the City; and

BE IT FURTHER RESOLVED that the City Comptroller has certified that the funds for the contract to be awarded herein are available.

Adopted: November 24, 2009

*Peter F. Cross*  
President of Council pfc.III

ATTEST:

*[Signature]*  
City Clerk kp

# SIEMENS

## Change Order Proposal

CO No.

55
Rev 0

Date: 6-Jan-15

Project No: M.A918

Project Name: Clayville Unit 1

Change Order Title: Air filter removal study

Source of CO Request: Email

Reason for Change: To perform a study and confirm whether the proposed plan by C&H (onsite contractor) is suitable.

Description of Change: Due to the grout issue of the GT skid at the Clayville site, we will require the skid to be removed from the foundation. This will involve some disassembly of the AAF combustion air filter house so that the GT skid can be lifted to a sufficient height for the removal of the grout. C&H the onsite contractor has submitted a proposed plan for the partial disassembly and lifting of the air intake transition duct for our review.

Bid Currency: USD

CO Price: 11,000 Current Total Contract Price:

Rev Total Contract Price:

Invoice for Change Order to be issued: Will be issues along with the storage charges.

Delivery Impact: 0 days, valid if customer signs and returns this document by:

Submitted by: Sonny Harlanto

Date: 6-Jan-15

Project Manager

Customer Approval:  Approved  Rejected

Reason for Rejection:

Approved By:

Peter J. Kudvas  
Name

*Note: Subject to Vineland City*

VMEH/Project Mgr./1/13/15  
Company / Title / Date

Council Approval of a Contract Change Order.  
CITY OF VINELAND Company / Title / Date

Approved By:

Peter J. Kudvas

Date:

1/13/15

On behalf of Siemens Energy Inc

Sy Hahn 7/13/15  
SIEMENS / PROJECT MANAGER

# SIEMENS

## Change Order Proposal

CO No.

58
Rev 0

Date: 12-Jan-15

Project No: M.A918

Project Name: Clayville Unit 1

Change Order Title: GT Package lift study

Source of CO Request: Email

Reason for Change: To perform a study and confirm whether the proposed plan by C&H (onsite contractor) is suitable.

Description of Change: Due to the grout issue of the GT skid at the Clayville site, we will require the skid to be removed from the foundation. To shorten time for the removal, the customer's contractor (C+H) is asking if it is possible only to do a minimal disassembly of the GT package and leave the roof modules and some ducting intact to lift the package. We will need to do the study to check if the lifting lugs are capable to handle the extra weight.

Bid Currency: USD

CO Price: 5,000

Current Total Contract Price:

Rev Total Contract Price:

Invoice for Change Order to be Issued: Will be issues along with the storage charges.

Delivery Impact: 0 days, valid if customer signs and returns this document by:

Submitted by: Sonny Hartanto

Date: 12-Jan-15

Project Manager

Customer Approval:  Approved  Rejected

Reason for Rejection:

Approved By:

Peter J. Kudless  
Name

Note: Subject to approval of a  
Name

VMEU Project Manager 1/13/15  
Company / Title / Date

Contract Change Order by  
Vineyard Council  
Company / Title / Date

On behalf of CMPC

Approved By:

Peter J. Kudless

Date: 1/13/15

On behalf of Siemens Energy Inc

Sy [Signature] 1/13/15  
SIEMENS / PROJECT MANAGER





# Change Order Proposal

CO No.

78
Rev 0

Date: 10-July-2015

Project No: M.A816

Project Name: Clayville Unit 1

Change Order Title: Storage charges

Source of CO Request: Email

Reason for Change: This Change Order is for extra charges beyond contractual due date for items that we have to put in storage at the request of City of Vineland due to site not being ready..

**Description of Change:**

The storage cost breakdown is below:

Item	VMEU cost
GT package	\$ 4,778.50
AC Generator	\$ 33,280.00
Air filter/Acoustic BOP	\$ 56,830.00
Air filter elements	\$ 6,825.00
Aux fuel filter skid	\$ 4,312.50
ISI skid and nozzle array	\$ 11,806.25
AC Gen MLO	\$ 3,125.00
Water Inj Skid	\$ 10,875.00
Water Inj Skid Enclosure	\$ 1,235.16
Gas Generator	\$ 38,851.89
Total	\$ 171,899.30

There is no storage cost for UPS and circuit breaker.

Bid Currency: USD      CO Price: \$171,899.30      Current Total Contract Price:      Rev Total Contract Price:

Invoice for Change Order to be issued:

Delivery Impact: 0 days, valid if customer signs and returns this document by:

Submitted by: Sonny Harlanto

Date: 10-July-2015

Project Manager

Customer Approval:  Approved  Rejected

Reason for Rejection:

Note: Subject to approval of a Circuit Court Order

Approved By: Peter J. Kudler  
Name

approved by Vinland City Council  
Name

VMEU / Project Manager / 7/10/15  
Company / Title / Date

\_\_\_\_\_  
Company / Title / Date

On behalf of City of Vineland

Approved By:

[Signature]  
\_\_\_\_\_  
PROJECT MANAGER

Date: 7/13/15

On behalf of Siemens Energy Inc

# SIEMENS

## Change Order Proposal

CO No.

85
Rev 0

Date: 7-July-2015

Project No: M.A916

Project Name: Clayville Unit 1

Change Order Title: GG Lube Oil flushing and Generator

Source of CO Request: Email

Reason for Change: The GG lube oil system interconnect piping needs to be flushed prior to first fire. This is to ensure that the interconnect piping is clean of debris that could damage the lube oil system.

Description of Change: This Change Order is needed so we could hire TOTAL Lubrication Management Co to come to site and perform flushing of the GG lube oil system. This Change Order also covers renting a generator to be used during the flushing operation.

Bid Currency: USD CO Price: \$30,390 Current Total Contract Price: Rev Total Contract Price:

Invoice for Change Order to be issued:

Delivery Impact: 0 days, valid if customer signs and returns this document by: 17-July-2015

Submitted by: Sonny Harianto Date: 7-July-2015  
Project Manager

Customer Approval:  Approved  Rejected

*Note! Subject to Vineland City Council approval of a contract change order.*

Reason for Rejection:

Approved By: [Signature]  
Name  
Company / Title / Date

[Signature] (TMD)  
Name  
VMEO/Asst. Project Manager / 7-7-15  
Company / Title / Date

Approved By: [Signature]  
PROJECT MANAGER

Date: 7/7/15

On behalf of Siemens Energy Inc

# SIEMENS

## Change Order Proposal

CO No.

87
Rev 0

Date: 10-July-2015

Project No: M.A916

Project Name: Clayville Unit 1

Change Order Title: Additional TDI hours

Source of CO Request: Email

Reason for Change: To provide VMEU with additional Technical Direction and Instruction (TDI) through the commissioning of Clayville Unit 1, based on current manpower projection until the first week of September 2015.

Description of Change: Based on Siemens projected manpower forecast, 3307.5 additional hours of TDI are required to support the commissioning of VMEU's Clayville Unit 1. Schedule extensions have resulted in additional TDI being required to ensure the project is fully supported through to commercial operation which is expected to be the first week of September 2015. The pricing model for this Change Order includes travel, expenses, overtime and weekend work (if required).

Bid Currency: USD CO Price: \$926,100.00 Current Total Contract Price:

Rev Total Contract Price:

Invoice for Change Order to be issued:

Delivery Impact: 0 days, valid if customer signs and returns this document by: 17-July-2015

Submitted by: Sonny Harlanto

Date: 10-July-2015

Project Manager

Customer Approval:  Approved  Rejected

Reason for Rejection:

Approved By: Peter J. Kudler  
Name

*Note: Subject to Approval of a Contract*

VMEU/Project Manager/7/10/15  
Company / Title / Date

Change Order by Vinland City  
Company / Title / Date

On behalf of City of Vinland

*Caenat*

Approved By:

Sy H  
PROJECT MANAGER

Date: 7/13/15

On behalf of Siemens Energy Inc