

CITY OF VINELAND

RESOLUTION NO. 2016-_____

RESOLUTION AUTHORIZING THE EXECUTION OF AN AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 18 TO CONTRACT RES-09-623 WITH SIEMENS ENERGY INC. ORLANDO, FLORIDA FOR UNSCHEDULED MAINTENANCE INCLUDING REMOVAL, INDUCTION INSPECTION, ROOT CAUSE ANALYSIS AND REPAIR TO DAMAGE TO UNIT 11 COMBUSTION TURBINE IN ACCORDANCE WITH THE LONG TERM SERVICE AGREEMENT AUTHORIZED BY RESOLUTION 2016-96

WHEREAS; the City Council of the City of Vineland adopted Resolution 2016-96, authorizing the execution of an amendatory supplemental Change Order Number 16 to contract RES-09-623 with Siemens Energy, Inc., providing for the execution of a Long Term Service Agreement (LTSA) and

WHEREAS, as a result of an unforeseen breakdown of the combustion turbine at Unit 11, there exists a need for its removal, and induction inspection, determination of the causation of the damage and repairs thereto for the City of Vineland Municipal Electric Utility (VMEU); and

WHEREAS, outage of Unit 11 will cause substantial financial losses if it is not immediately replaced temporarily and repaired, and in doing so, it is necessary to investigate the cause of the damage and determine if the cost of the same should be covered by the manufacturer, which is considered an emergent situation as certified by Joseph Isabella, Director of Municipal Utilities; and

WHEREAS, the LTSA with Siemens Energy would cover the removal, induction Inspection, root cause analysis, repair of any damage and provide for interim replacement combustion turbine pending the reinstallation of the repaired unit; and

WHEREAS, VMEU, Generation Engineering has requested a change order, Change Order Number 18 to contract RES-09-623, in the amount of \$3,600,000 which has been determined to be necessary and in accordance with the LTSA for (1) Siemens Montréal repair shop expenses for engine 109, (2) Siemens Long Term Service Agreement Expenses for engine 109, (3) lease engine, 96 expenses, (4) contingency for above items; and

WHEREAS, the change order request has been approved by the Director of the Vineland Municipal Utilities who has further certified that the expenses were unforeseen and could not have been reasonably determined prior to the failure of the combustion turbine at Unit 11; and

WHEREAS, the acting chief financial officer has certified the availability of funds.

NOW THEREFORE BE IT RESOLVED by the Council of the City of Vineland that the Vineland Municipal Electric Utility is authorized to exercise the requirements of section 1.4 unscheduled maintenance of the Long Term Service Agreement with Siemens Energy, Inc. and the Mayor and Clerk are hereby authorized to execute an amendatory supplemental Change Order Number 18 to contract RES-09-623, so as to allow for the removal, induction inspection, root

CITY OF VINELAND

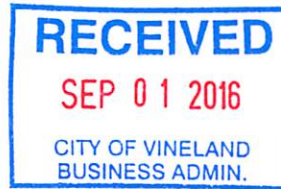
cause analysis and repair to damage to Unit 11 combustion turbine and for the lease of a combustion turbine pending the completion of the repairs in accordance therewith.

Adopted:

President of Council

ATTEST:

City Clerk



REQUEST FOR CHANGE ORDER
FOR:

VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction
Down Unit # 11
PROJECT NAME

TO: BUSINESS ADMINISTRATION 

DEPARTMENT: VMEU Generation Engineering

FROM: P. Kudless & John Miller 

This is a request for change order # 18 to Contract # RES09-623 for:

Project Name: **VMEU Simple Cycle Turbine Generator with Selective Catalytic Reduction**
Down Unit # 11

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

This change order is necessary to incorporate the following modification to this contract:

- 1) Siemens Montreal Repair Shop Expenses for engine 109 as detailed in the attachments:
\$1,975,000.00.
- 2) Siemens Long Term Service Agreement Expenses for engine 109 as detailed in the
attachments: \$477,400.00.
- 3) Lease Engine 96 expenses as detailed in the attachments: \$961,715.00
- 4) Contingency for above items: : 5.45%: \$185,885.00

TOTAL AMOUNT OF CHANGE ORDER # 18 \$ 3,600,000.00



Original Contract Amount: \$ 26,925,000.00
Amount of This Change Order: \$ 3,600,000.00
Previous Change Orders: \$ 35,857,900.27
Total Revised Amount: \$ 66,382,900.27



APPROVED BY: Joseph Isabella
Print/Type


Signature

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 # 002-0-54-90-9001-2-7023359: \$961,715.00; 011-0-00-00-0000-5620302: \$ 2,638,285.00

CC: Purchasing Division
J. Boyle 
G. Foster 
P. Kudless
R. Tonetta

[Faint, illegible stamp]



Table of Contents

ESN 109 Repair Cost Breakdown	2
Attachment A – Proposal SF16987361	3
Attachment B – Quote 14895	10
Attachment C – Invoice 95044173	11
Attachment D – Invoice 95044237	12
Attachment E – Invoice 95044236	13
Attachment F – Quote 30875293	14
Attachment G – Invoice 95038630	19
Attachment H – Email: Natara Sampson to Steve August – Engine Tooling & Shipment	20
Attachment I – Invoice 95044238	21
Attachment J – Invoice 95043183	22
Attachment K – Email: Natara Sampson to Steve August – Lease fees	23
Attachment L – Page 41 of LTSA	24

Montreal Repair Shop Expenses

Description:

All expenses associated with engine 109 inspection and repair work to be paid to Siemens - Montreal Division per proposal SF16987361.

Item	Reference	Expense
ESN 109 Strip & Inspect	Proposal SF16987361	\$387,160
IP8 Cooling Mod	Proposal SF16987361	\$66,650
ESN 109 Repair, Rebuild & Test	Proposal SF16987361	\$1,548,490
Siemens Discount	Proposal SF16987361	(\$27,300)
	TOTAL	\$1,975,000

Long Term Service Agreement Expenses

Description:

All expenses to be paid to Siemens LTSA Division for field service technician support, consumable parts, tooling and shipping.

Item	Reference	Expense
ESN 109 Removal & Lease Jet Install	Quote 14895	\$138,227
Engine Removal Tooling	Invoice 95044173	\$6,941
ESN 109 Shipping to Montreal Shop	Invoice 95044237	\$4,540
Peerless AIG Lance Repair	Invoice 95044236	\$5,104
Consumables	Quote 30875293	\$21,626
Consumables	Invoice 95038630	\$5,785
Lease Jet Removal & ESN 109 Install*	VMEU Estimate	\$138,227
Engine Removal Tooling*	Email from Natara Sampson to Steve August (delivered 8/23/16)	\$6,950
IP8 Cooling Mod Installation*	VMEU Estimate	\$50,000
Commission ESN 109*	VMEU Estimate	\$100,000
	TOTAL	\$477,400

*These expenses are estimates only

Lease Engine Expenses**

Description:

Weekly fee for spare engine 96 lease between April 25th, 2016 and October 29th, 2016 per LTSA agreement.

Item	Reference	Expense
ESN 96 Lease Fees (Thru 7/29/2016)	Invoice 95044238 & Invoice 95043183	\$445,913
ESN 96 Lease Fees (7/30/2016 - 10/29/2016)*	Email from Natara Sampson to Steve August (delivered 8/23/16)	\$447,200
ESN 96 Lease Fees (10/29/2016 - 11/12/2016)*	VMEU Estimate	\$68,602
	TOTAL	\$961,715

**These expenses are being charged to O&M Account 002-0-54-90-9001-2-7023359

*This expenses is an estimate only

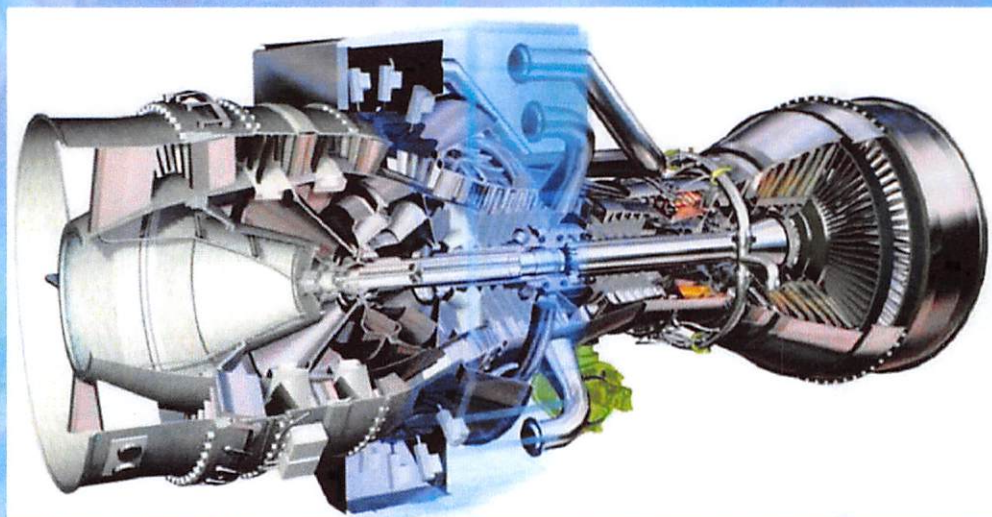
Summary of Cost Breakdown

Siemens Group	Expense
Montreal Repair Shop	\$1,975,000
LTSA	\$477,400
Lease Engine	\$961,715
	SUBTOTAL
	\$3,414,115
	Contingency (5.45%)
	\$185,885
	GRAND TOTAL
	\$3,600,000

Remaining amount will be charged to Self-Insurance Fund Account 011-0-00-00-0000-5620302

SEI – Mods & Ups Aftermarket Business

Firm Proposal
To:
Vineland MEU to Include
the Phase 2 Repair &
Overhaul of Trent WLE
ESN 109



Submitted by

Siemens Energy Inc. (SEI)

Proposal: SF16987361 Rev. 1
for (ESN109)
Date: 7/27/2016



Contents

1.0 Introduction.....	3
2.0 Scope of Supply.....	4
3.0 Commercial.....	5
4.0 Terms and Conditions.....	6

Siemens AG All rights Reserved - Confidential

The information in this document is the property of Siemens AG and may not be copied or communicated to a third party or used for any purpose other than that for which it is supplied without the express written consent of Siemens AG. This information is given in good faith based upon the latest information available to Siemens AG, no warranty or representation is given concerning such information, which must not be taken as establishing any contractual or other commitment binding upon Siemens AG or any of its subsidiaries or associated companies.

Release Revision History

Issue	Date	Author(s)	Summary of changes
0	4/13/2016	AJS	Proposal Initial Release – Strip & Inspection only
1	7/27/16	AJS	Add repair and Overhaul scope/pricing

IMPORTANT NOTE:

ENGINES ARE TO BE RETURNED TO IN APPROPRIATE CONTAINERS & PACKAGING. FAILURE TO ADHERE MAY RESULT IN ADDITIONAL ENGINE DAMAGE DURING SHIPMENT, RESULTING IN INCREASED DELAYS AND COSTS TO CUSTOMER ACCOUNT.



1.0 Introduction

Background - The engine came down on high rear bearing vibration, and subsequent borescope examination has shown probable damage to the tail end bearing of the engine. Subsequent phase 1 strip and inspection has confirmed the bearing failure. Siemens recommendation is to proceed with the engine repair and apply both MOD 702 (sealing strip mod) and MOD 708 (Tail bearing cooling mod). Separate proposal SF16987361A has been issued for the on package portion of the modification to provide cooling air to the revised tail bearing.

SEI (Siemens Energy Inc.) is uniquely qualified to offer unscheduled inspections and repairs to these engines, as well as normal mid-life and full life overhauls to all versions of the Industrial TRENT engines. With proven overhaul and repair experience, our repair centre based in Montreal, Canada specializes in the repair and overhaul of TRENT engines globally to OEM standards.

- As the OEM our product knowledge is second to none
- Dedicated repair and overhaul facilities reduce turnaround times
- Product specialists provide cost effective repairs with no compromise in quality
- Joint venture agreements increase global repair and overall coverage
- Customers experience a risk-free solution to their repair and overhaul needs
- We are fully ISO-9000 certified and committed to engineering excellence
- Single point of contact for all repair and overhaul centres and partnerships
- Offering everything from heavy maintenance shops to process laboratories

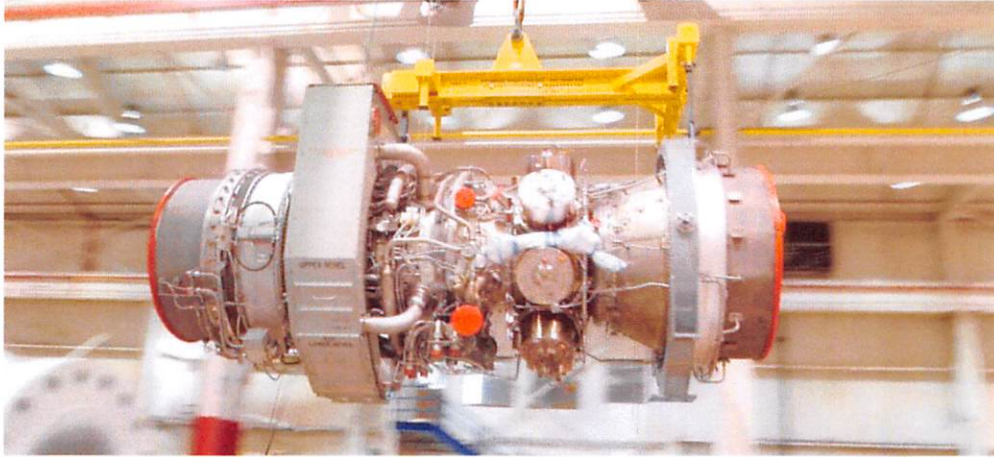
Scope of supply, can be sub-divided as follows;

1. Engine Transportation from Customer site to Siemens Montreal Canada (customer responsibility)
2. Engine Induction and Strip, Inspect, and Clean.
3. Issue Strip and Inspect Report.
4. Repair and embodiment of MOD 702 & MOD708
5. Reassemble to OEM Standard.
6. Standard Factory acceptance test.
7. Protect and prep engine for shipment.
8. Return Shipment from Siemens Montreal Canada to Customer site (FCA Montreal Plant, pick-up is customer responsibility)

Details of operation to date:

Customer:	Vineland MEU
Site:	Vineland New Jersey
Unit Type:	Trent WLE
Unit Number/ESN:	11/ESN109
Total Engine Hours:	3523 breaker closed hours
Total Engine Starts:	863 gas and 37 liquid start attempts
Total package starts:	900

SIEMENS

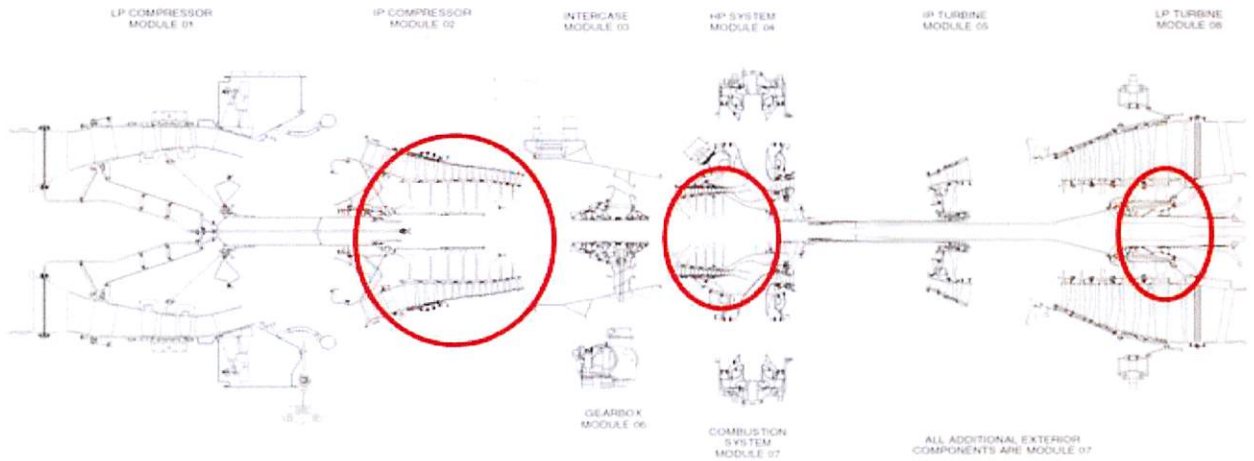


Industrial TREN T - Engine with lifting frame.

2.0 Scope of Supply

2.1 Strip, Inspect & Report (COMPLETE – Report to be issued):

- Preliminary workscope for Gate 1 PO release, i.e. strip & strip inspection ONLY:
- Engine Induction, including borescope inspection of rotating assemblies
- Engine Full Bulk Strip to access M08, M04 and M02 – main steps on next slide
- M02 IP Compressor (IPC) mini-module strip for further investigation of degradation and rectification
 - Engine Full Bulk Strip to Access M02 comprises:
 - Removal of Air Inlet Case, Uncoupling LP shafts
 - Flip engine vertically, front end down
 - Removal of Module 08 (LPT & TBH)
 - Removal of Module 05 (LPT stg 1 NGV, IPT rotor and HP/IP bearing structure and IP NGVs and case)
 - Removal of M04 HP system
 - Flip engine vertically, rear end down
 - Removal of M02 Inter-compressor duct and IPC mini-module
 - Module 03 Internal gearbox exposed in bulk state
- M04 strip to remove the HP Compressor (HPC) mini-module & partial strip of the HP Compressor mini-module for further investigation of degradation and rectification M08 strip for mod TRT0708 embodiment



2.2 Repair, Rebuild & Test:

- Supply required replacement parts including C class material
- Perform necessary repairs
- Embody MOD 702 (Seal Strip mod) and MOD708 (tail bearing mod)
- Final build engine
- Perform factory acceptance test (Including fuel)
- Pack, preserve & prep for pick-up

SIEMENS

3.0 Commercial

TRENT 60 WLE - ESN is 109

3.1 Firm Pricing is provided below;

Item	Description	Qty	Firm Price (\$ USD)
3.1.1	Strip, Inspect, Clean & Report (per 2.1)	1	\$387,160.00
3.1.2	Repair, Rebuild & Test (per 2.2)	1	\$1,548,490.00
3.1.3	Package MOD for tail bearing cooling – Separate Proposal SF16987361A	1	\$66,650.00
3.1.4	Managed Overhaul - Project Management Project Manager act as Liaison between Overhaul Centre and Customer	1	Included
3.1.5	Subtotal		\$2,002,300.00
3.1.6	Discount to keep within approved Budget		-\$27,300.00
3.1.7	Total Above:	1	\$1,975,000.00

Notes & Exclusions:

- FSR support during removal or installation and commissioning is chargeable to customer account at prevailing daily rates at time of project **and is excluded from above estimate**. Customer is requested to order Field Service or local support through LTP manager.
- Any and all Lease Engine supply or costing is **specifically excluded** from above estimate. Lease engine costs are additional and will be billed through the LTP manager
- Key Assumption in is that operation fluids (i.e. water, air, gas) are compliant with the Siemens Industrial TRENT specifications and that engine contaminates are not subject to any HSE concerns. For example, constituents that are corrosive to hot section gas turbine materials, which can result in reduced life, are summarized into two categories:
 - Any form of sulphur.
 - Contamination to include trace metals; particularly sodium, potassium and vanadium
 *These may have impact on anticipated overhaul scope, price and lead-time.
- Siemens reserves the right to withdraw or revise and re-issue pricing.

SIEMENS

- The price quoted does not include foreign taxes, tolls, government imports, PST/GST, VAT, Customs duties, port handling charges, clearance costs, local transport to site and other mandatory charges levied in the country of import. Any of these that may be levied will be added to the customer's account.
- Assumes that required removal, Installation, transportation, and Commissioning and tooling is on site
- Upon completion of the Strip and Inspection phase a report will be issued to address any additional areas of concern, along with pricing and schedule impact where relevant.
- Variable (Discovery) items or scope including, but not limited to, additional strip & inspection being required, repairs, parts replacement are based on discovery and as such are at both additional cost & schedule impact to what is shown.

3.3 Turn Time:

Based on release of overhaul scope and revised PO by 7/31/16 the current estimated completion date is late October 2016. Actual project schedule to be confirmed by Siemens Project Manager upon release of repairs

Re-Induction timing

- Slot timing to be confirmed on receipt of P.O. – Delay in receiving revised PO can result in loss of concurrent slot

3.4 Delivery:

- Customer will deliver engine, in proper transport frame with correct packing to Siemens shop, Montreal PQ, Canada
- Engine pick-up is FCA Siemens Shop, Montreal, PQ, Canada.

3.4 Payment:

100% of Strip & Inspection portion of overhaul due upon receipt of issuance of finding and recommendation report, net 30 days.

100% of Repair, rebuild and test due upon notification of readiness to pick-up, net 30 days

4.0 Terms and Conditions

This Proposal is offered subject to provisions of the current change order of the existing level one LTSA Ref. No. 0426

Attachment B



8303 McHard Road
Houston, Texas 77053
Telephone: 281-436-6700
Fax: 281-436-6777

Quotation Number
14895
Please refer to this number on all correspondence or other communications.

Customer Information
Natara Sampson Siemens
0

Name:	Gary Glancy
Phone:	281-436 6737
Fax:	281-436-6777
E-Mail:	gary.glancy@siemens.com

Quote Information			
Effective: 4-Apr-16	Expires: 4-Jul-16		
Time Frame: 4/5/2016	No. & Type of Reps:	5	Mechanical Representative(s)
		1	Controls Representative(s)
		0	General Laborer
Work Scope:	Support for engine exchange		

Quotation Detail				
Labor				
Line No.	Item/Description	Total No. Of Reps	Total Hours	Total Price \$
10	Regular Travel Time	6		\$15,034.80
20	Weekend/Over Time Travel Time	6		\$30,069.60
30	Standard Time	6		\$30,069.60
40	Over Time	6		\$37,587.00
50	Double Time	6		\$10,023.20
Expenses				
Line No.	Item/Description	Total No. Of Reps	Total Qty.	Total Price \$
60	Round Trip Airfare	6		\$6,000.00
70	Accommodation	6		\$4,500.00
80	Per Diem Meals	6		\$1,728.00
90	Rental Car	6		\$1,200.00
100	Borescope	6		\$0.00
110	Miscellaneous Freight & Tooling	6		\$0.00
120	Miscellaneous	1		\$2,014.20

*This estimate is for budgetary purposes only. The final invoice will reflect the actual hours worked or traveled and the expenses at cost plus 15%.	Total Estimated Cost:	\$138,226.40
--	------------------------------	---------------------

INVOICE Attachment C



Siemens Energy, Inc.
105 North Sandusky Street
Mount Vernon, OH 43050
USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
 Tax no: 13-3987280

INVOICE No.	95044173
INVOICE DATE	25 AUG 2016
CUSTOMER CONTRACT No.	
CUSTOMER ORDER No.	Contract RES-09-623, PO 12-008292
SIEMENS ORDER No.	42336029

CITY OF VINELAND
 ATTN: ACCOUNTS PAYABLE
 640 E. WOOD STREET
 VINELAND NJ 08362-1508
 USA

SHIPPED TO

VINELAND MUNICIPAL ELECTRICAL UTILI
 ATTENTION: JOHN MILLER
 211 NORTH WEST AVENUE
 VINELAND NJ 08360
 USA

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	UNIT PRICE USD	GOODS VALUE
		VMEU Unit 11 engine change tooling kit April 2016	1	EA	6,940.27	6,940.27
SUBTOTAL						6,940.27

REMITTANCE ADVICE TO BE SENT TO:- Ron McNutt ron.mcnutt@siemens.com Siemens Energy, Inc. 1400 N. Alafaya Trail, MC Q2-196 ORLANDO FL 32826 JSA	PAYMENT TO BE SENT TO:- BNY MELLON 500 ROSS STREET PITTSBURGH, 15262-0001 SWIFT MELNUS33PXXX ABA No. 043000261 ACCOUNT NO 0009040527 Payment by check: Siemens Energy, Inc. Dept CH 14429 60055-4429 Palatine, IL	TOTAL EXCLUDING TAX	6,940.27
		TOTAL USD PAYABLE	6,940.27

ENQUIRIES TO

Tel : 1-407-736-5366

PAYMENT DUE DATE 24 SEP 2016

DDU HOWARD M. DOWN GEN STA

SIEMENS

INVOICE Attachment D

Page 1 of 1

Siemens Energy, Inc.
105 North Sandusky Street
Mount Vernon, OH 43050
USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
Tax no: 13-3987280

INVOICE No.	95044237
INVOICE DATE	25 AUG 2016
CUSTOMER CONTRACT No.	
CUSTOMER ORDER No.	Contract RES-09-623, PO 12-008292
SIEMENS ORDER No.	42336029

CITY OF VINELAND
ATTN: ACCOUNTS PAYABLE
640 E. WOOD STREET
VINELAND NJ 08362-1508
USA

SHIPPED TO

VINELAND MUNICIPAL ELECTRICAL UTILI
ATTENTION: JOHN MILLER
211 NORTH WEST AVENUE
VINELAND NJ 08360
USA

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	UNIT PRICE USD	GOODS VALUE	
		VMEU Shipment of ESN109 to GTI	1	EA	4,542.50	4,542.50	
SUBTOTAL						4,542.50	

REMITTANCE ADVICE TO BE SENT TO:- Ron McNutt ron.mcnutt@siemens.com Siemens Energy, Inc. 1400 N. Alafaya Trail, MC Q2-196 ORLANDO FL 32826 JSA	PAYMENT TO BE SENT TO:- BNY MELLON 500 ROSS STREET PITTSBURGH, 15262-0001 SWIFT MELNUS3PXXX ABA No. 043000261 ACCOUNT NO 0009040527 Payment by check: Siemens Energy, Inc. Dept CH 14429 60055-4429 Palatine, IL	TOTAL EXCLUDING TAX	4,542.50
		TOTAL USD PAYABLE	4,542.50

ENQUIRIES TO

Tel : 1-407-736-5366

PAYMENT DUE DATE 24 SEP 2016

DDU HOWARD M. DOWN GEN STA

INVOICE Attachment E



Siemens Energy, Inc.
 105 North Sandusky Street
 Mount Vernon, OH 43050
 USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
 Tax no: 13-3987280

INVOICE No. 95044236
INVOICE DATE 25 AUG 2016
CUSTOMER CONTRACT No.
CUSTOMER ORDER No. Contract RES-09-623, PO 12-008292
SIEMENS ORDER No. 42336029

CITY OF VINELAND
 ATTN: ACCOUNTS PAYABLE
 640 E. WOOD STREET
 VINELAND NJ 08362-1508
 USA

SHIPPED TO

VINELAND MUNICIPAL ELECTRICAL UTILI
 ATTENTION: JOHN MILLER
 211 NORTH WEST AVENUE
 VINELAND NJ 08360
 USA

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	UNIT PRICE USD	GOODS VALUE
		VMEU Peerless AIG Suppt Brackets	1	EA	5,104.00	5,104.00
SUBTOTAL						5,104.00

REMITTANCE ADVICE TO BE SENT TO:- Ron McNutt ron.mcnutt@siemens.com Siemens Energy, Inc. 4400 N. Alafaya Trail, MC Q2-196 ORLANDO FL 32826 USA	PAYMENT TO BE SENT TO:- BNY MELLON 500 ROSS STREET PITTSBURGH, 15262-0001 SWIFT MELNUS3PXXX ABA No. 04300261 ACCOUNT NO 0009040527 Payment by check: Siemens Energy, Inc. Dept CH 14429 60055-4429 Palatine, IL	TOTAL EXCLUDING TAX	5,104.00
		TOTAL USD PAYABLE	5,104.00

ENQUIRIES TO

Tel : 1-407-736-5366

PAYMENT DUE DATE 24 SEP 2016

DDU HOWARD M. DOWN GEN STA

QUOTATION NUMBER: 30875293**CUSTOMER**CITY OF VINELAND
DEPARTMENT OF PURCHASING
640 E. WOOD STREET
VINELAND NJ 08362-1508**SIEMENS CONTACT:**Ms. M GIBSON
281-436-6773
Ms. MEGHAN GIBSON
8303 MCHARD RD
HOUSTON TX 77053Siemens Energy Inc
105 North Sandusky Street
MOUNT VERNON, OH 43050
USA**Inco Terms: DDP** Delivered duty paid**THIS QUOTE IS VALID TO: 11 OCT 2016 Unless Previously Withdrawn****Payment Terms:** Payment due in 30 days from invoice date**CUSTOMER REFERENCE NUMBER(S):**

Dear Sirs,

Here is our quotation in response to your inquiry / order detailed below. Please use the quotation number shown at the top of this document in any future correspondence. This quotation is subject to our standard Terms and Conditions unless specified below. The price is subject to any value added tax, sales tax, use tax, service tax, & taxes on turnover or similar taxes where applicable.

Cust Item No	SIEMENS Part Number Customer Part Number Customer Ref Number	Description	Qty	UoM	Unit Price USD	Total USD	Lead Time
	M83248-1-015	SEAL,RING	6	EA	2.03	12.18	6 Mths
	M83248-1-910	RING,SEALING	6	EA	16.78	100.68	6 Mths
Carried fwd						112.86	

QUOTATION NUMBER: 30875293

Cust Item No	SIEMENS Part Number Customer Part Number Customer Ref Number	Description	Qty	UoM	Unit Price USD	Total USD	Lead Time
					Brought fwd	112.86	
	M83248-1-912	SEAL,RING	6	EA	8.81	52.86	5 Mths
	RRE001659	SEAL,O-RING	1	EA	5.82	5.82	19 Days
	RRE001660	SEAL,O-RING	2	EA	6.27	12.54	19 Days
	RRE007436	SCREW,HEX CAP	16	EA	25.34	405.44	3 Mths
	RRE007485	SCREW,SOCKET HD	34	EA	23.02	782.68	3 Mths
	RRE007965	GASKET	4	EA	134.64	538.56	19 Days
					Carried fwd	1,910.76	

QUOTATION NUMBER: 30875293

Cust Item No	SIEMENS Part Number Customer Part Number Customer Ref Number	Description	Qty	UoM	Unit Price USD	Total USD	Lead Time
					Brought fwd	1,910.76	
	RRE030842	GASKET, SPIRAL WOUND	2	EA	33.40	66.80	2 Mths
	RRE030843	GASKET, SPIRAL WOUND	1	EA	78.67	78.67	19 Days
	RRE031761	NUT, SELF LOCK	16	EA	56.55	904.80	19 Days
	RRE035302	GASKET, SPIRAL WOUND	4	EA	121.18	484.72	2 Mths
	RRE035466	GASKET, SPIRAL WOUND	3	EA	83.95	251.85	19 Days
	RRE041005	GASKET, SPIRAL WOUND	2	EA	86.99	173.98	3 Mths
					Carried fwd	3,871.58	

QUOTATION NUMBER: 30875293

Cust Item No	SIEMENS Part Number Customer Part Number Customer Ref Number	Description	Qty	UoM	Unit Price USD	Total USD	Lead Time
					Brought fwd	3,871.58	
	RRE041006	GASKET, SPIRAL WOUND	13	EA	124.34	1,616.42	19 Days
	RRE041007	GASKET, SPIRAL WOUND	2	EA	166.98	333.96	2 Mths
	RRE041141	GASKET, SPIRAL WOUND	3	EA	134.38	403.14	2 Mths
	RRE042511	GASKET, SPIRAL WOUND	2	EA	214.91	429.82	2 Mths
	RRE044448	NUT, SELF LOCK	64	EA	75.40	4,825.60	3 Mths
	RRE044464	BOLT	32	EA	209.88	6,716.16	3 Mths
					Carried fwd	18,196.68	

QUOTATION NUMBER: 30875293

Cust Item No	SIEMENS Part Number Customer Part Number Customer Ref Number	Description	Qty	UoM	Unit Price USD	Total USD	Lead Time
					Brought fwd	18,196.68	
	RRE044530	WASHER	64	EA	53.57	3,428.48	3 Mths
					Total	21,625.16	

Signed on behalf of Siemens Energy, Inc. _____



INVOICE Attachment G

Siemens Energy, Inc.
105 North Sandusky Street
Mount Vernon, OH 43050
USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
Tax no: 13-3987280

Table with invoice details: INVOICE No. 95038630, INVOICE DATE 03 MAY 2016, CUSTOMER CONTRACT No., CUSTOMER ORDER No. LTP - Vineland Exhaust Duct, SIEMENS ORDER No. 45011291

CITY OF VINELAND
ATTN: ACCOUNTS PAYABLE
640 E. WOOD STREET
VINELAND NJ 08362-1508
USA

SHIPPED TO
VINELAND MUNICIPAL ELECTRICAL UTILI
ATTENTION: JOHN MILLER
211 NORTH WEST AVENUE
VINELAND NJ 08360
USA

Main invoice table with columns: TEM, PART NUMBER, DESCRIPTION, QTY, UOM, UNIT PRICE USD, GOODS VALUE. Includes items for NUT,PLAIN HEX (MM) and SCREW,HEX CAP, and a SUBTOTAL row.

Summary table with columns: REMITTANCE ADVICE TO BE SENT TO:-, PAYMENT TO BE SENT TO:-, TOTAL EXCLUDING TAX, TOTAL USD PAYABLE.

ENQUIRIES TO

Tel: 1-407-736-5366

PAYMENT DUE DATE 02 JUN 2016

DDP HOWARD M. DOWN GEN STA

Attachment H

From: [Sampson, Natara](#)
To: [August Steven](#)
Subject: Tooling and Shipping Est
Date: Tuesday, August 23, 2016 5:03:16 PM

Hi Steve, I am estimating \$6950 for the engine change tooling and \$4500 for ESN 109 shipment to Canada

Mit freundlichen Grüßen
Natara Sampson

Siemens Energy, Inc.
PS DG RNA
1202 West Sam Houston Parkway North
Houston, TX 77043, USA
Tel.: +1 713 346-1762
Fax: +1 713 346-1799
Mobil: +1 713 3910700
<mailto:natara.a.sampson@siemens.com>

Your organization is currently not activated for using SCMS (e-mail signatures). Please contact the IT Support or help.scf@siemens.com

This message and any attachments are solely for the use of intended recipients. The information contained herein may include trade secrets, protected health or personal information, privileged or otherwise confidential information. Unauthorized review, forwarding, printing, copying, distributing, or using such information is strictly prohibited and may be unlawful. If you are not an intended recipient, you are hereby notified that you received this email in error, and that any review, dissemination, distribution or copying of this email and any attachment is strictly prohibited. If you have received this email in error, please contact the sender and delete the message and any attachment from your system. Thank you for your cooperation



INVOICE Attachment I

Siemens Energy, Inc.
 105 North Sandusky Street
 Mount Vernon, OH 43050
 USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
 Tax no: 13-3987280

INVOICE No. 95044238
INVOICE DATE 25 AUG 2016
CUSTOMER CONTRACT No.
CUSTOMER ORDER No. Contract RES-09-623, PO 12-008292
SIEMENS ORDER No. 42336029

CITY OF VINELAND
 ATTN: ACCOUNTS PAYABLE
 640 E. WOOD STREET
 VINELAND NJ 08362-1508
 USA

SHIPPED TO
 VINELAND MUNICIPAL ELECTRICAL UTILI
 ATTENTION: JOHN MILLER
 211 NORTH WEST AVENUE
 VINELAND NJ 08360
 USA

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	UNIT PRICE USD	GOODS VALUE
		VMEU Lease fees April 25 - June 4	1	EA	205,806.00	205,806.00
SUBTOTAL						205,806.00

REMITTANCE ADVICE TO BE SENT TO:- Ron McNutt ron.mcnutt@siemens.com Siemens Energy, Inc. 4400 N. Alafaya Trail, MC Q2-196 ORLANDO FL 32826 USA	PAYMENT TO BE SENT TO:- BNY MELLON 500 ROSS STREET PITTSBURGH, 15262-0001 SWIFT MELNUS33PXXX ABA No. 04300261 ACCOUNT NO 0009040527 Payment by check: Siemens Energy, Inc. Dept CH 14429 60055-4429 Palatine, IL	TOTAL EXCLUDING TAX 205,806.00
		TOTAL USD PAYABLE 205,806.00

ENQUIRIES TO

Tel : 1-407-736-5366

PAYMENT DUE DATE 24 SEP 2016

DDU HOWARD M. DOWN GEN STA

SIEMENS

INVOICE Attachment J

Page 1 of 1

Siemens Energy, Inc.
105 North Sandusky Street
Mount Vernon, OH 43050
USA

Registered Office: 1209 Orange St Wilmington, 19801 Delaware
Tax no: 13-3987280

INVOICE No.	95043183
INVOICE DATE	05 AUG 2016
CUSTOMER CONTRACT No.	
CUSTOMER ORDER No.	Contract RES-09-623, PO 12-008292
SIEMENS ORDER No.	42336029

CITY OF VINELAND
ATTN: ACCOUNTS PAYABLE
640 E. WOOD STREET
VINELAND NJ 08362-1508
USA

SHIPPED TO

VINELAND MUNICIPAL ELECTRICAL UTILI
ATTENTION: JOHN MILLER
211 NORTH WEST AVENUE
VINELAND NJ 08360
USA

ITEM	PART NUMBER	DESCRIPTION	QTY	UOM	UNIT PRICE USD	GOODS VALUE	
		VMEU Lease fees June 5 - July 29 2016	1	EA	240,107.00	240,107.00	
					SUBTOTAL	240,107.00	

NOTICE ADVISE TO BE SENT TO:- 1 McNutt m.cnutt@siemens.com Siemens Energy, Inc. 10 N. Alafaya Trail, MC Q2-196 LANDO FL 32826 A	PAYMENT TO BE SENT TO:- BNY MELLON 500 ROSS STREET PITTSBURGH, 15262-0001 SWIFT MELNUS3PXXX ABA No. 043000261 ACCOUNT NO 0009040527 Payment by check: Siemens Energy, Inc. Dept CH 14429 60055-4429 Palatine, IL	TOTAL EXCLUDING TAX	240,107.00
		TOTAL USD PAYABLE	240,107.00

ENQUIRIES TO

Tel : 1-407-736-5366

PAYMENT DUE DATE 04 SEP 2016

DDU HOWARD M. DOWN GEN STA

Attachment K

From: [Sampson, Natara](#)
To: [August Steven](#)
Subject: RE: Lease fees
Date: Tuesday, August 23, 2016 11:57:59 AM

The calculation for July 30 through Oct 29 for lease fees is \$447,200

Kind Regards,
Natara A. Sampson, PMP
Project Manager – Long Term Programs

Siemens Energy, Inc.
1202 W. Sam Houston Parkway North
Houston, TX 77043
O: 713-346-1762
M: (713) 391-0700

From: Sampson, Natara (PS DG RNA)
Sent: Tuesday, August 23, 2016 10:48 AM
To: 'August Steven'
Subject: Lease fees invoice - June 5 through July 29

<< File: Vineland lease fees_95043183.pdf >>

Mit freundlichen Grüßen
Natara Sampson

Siemens Energy, Inc.
PS DG RNA
1202 West Sam Houston Parkway North
Houston, TX 77043, USA
Tel.: +1 713 346-1762
Fax: +1 713 346-1799
Mobil: +1 713 3910700
<mailto:natara.a.sampson@siemens.com>

Your organization is currently not activated for using SCMS (e-mail signatures). Please contact the IT Support or help.scf@siemens.com

This message and any attachments are solely for the use of intended recipients. The information contained herein may include trade secrets, protected health or personal information, privileged or otherwise confidential information. Unauthorized review, forwarding, printing, copying, distributing, or using such information is strictly prohibited and may be unlawful. If you are not an intended recipient, you are hereby notified that you received this email in error, and that any review, dissemination, distribution or copying of this email and any attachment is strictly prohibited. If you have received this email in error, please contact the sender and delete the message and any attachment from your system. Thank you for your cooperation

- Includes service engineers time, test equipment and expenses
- Excludes replacement parts or materials. Replacement parts and materials will be considered unscheduled maintenance in terms of compensation.

Test CouponInvoice Cost + 15% (per event)

SCR and CO Catalyst ReplacementInvoice Cost + 15% per event

- Includes SCR and CO catalysts
- Includes service engineers time, test equipment and expenses
- Includes misc. clamps, bolts, washers and needed hardware
- Excludes spent catalyst disposal

SCR Unscheduled Maintenance

- Except valid warranty situations, compensation for goods and services associated with SCR unscheduled maintenance will be additional to the fees expressed above. Compensation for unscheduled maintenance will be in accordance with Rolls-Royce prevailing standard labor rates and list prices for spare parts; and Rolls-Royce invoice cost plus 15% mark-up for third-party services.

1.4 UNSCHEDULED MAINTENANCE

SELLER will respond to all UNSCHEDULED EVENTS throughout the contract term. Except for valid warranty situations, compensation for goods and services associated with UNSCHEDULED MAINTENANCE will be additional to the Fees expressed in this Exhibit and based on SELLER'S prevailing labor rates and list prices for spare parts; and SELLER'S invoiced cost plus 15% for third-party services.

Unscheduled Lease Engine Usage\$USD 34,301 (per unit, per week)

- The weekly fee will be prorated for partial weeks
- The fee is applicable based on DELIVERY

1.5 PRICING TERMS

1. The prices/fees expressed in this Exhibit H are in US Dollars
2. The ANNUAL MAINTENANCE FEE is payable pursuant to sub-clause 8.3 of the AGREEMENT.
3. Event Based Fees pursuant to sections 1.3 and 1.4 are payable upon completion within 30 days of receipt of SELLER'S invoice.
4. The OWNER will be invoiced for the Initial Spares Purchase based on the value of items shipped.

RESOLUTION NO. 2016- 125

A RESOLUTION AUTHORIZING THE EXECUTION OF AN AGREEMENT FOR EXTRAORDINARY, UNSPECIFIABLE SERVICES WITH SIEMENS ENERGY INC., ORLANDO, FLORIDA FOR THE REMOVAL, INDUCTION INSPECTION, ROOT CAUSE ANALYSIS AND REPAIR OF DAMAGE TO UNIT 11 COMBUSTION TURBINE.

WHEREAS, as a result of an unforeseen breakdown of the combustion turbine at Unit 11 there exists a need for its removal, an induction inspection, determination of the causation of the damage and repair thereto for the City of Vineland Electric Utility ; and

WHEREAS, outage of Unit 11 will cause substantial financial losses if it is not immediately repaired, and in doing so, it is necessary to investigate the cause of the damage and determine if the cost of the same should be covered by the manufacturer which is considered an emergent situation; and

WHEREAS, the Director of the Vineland Municipal Electric Utility has certified that the services to be rendered to the combustion turbine, including the repair thereof are of such a unique character that it requires the need for unusual expertise, extensive training and as Siemens Energy Inc. is the manufacturer of the combustion turbine, this company is essential to the determination of root cause; and

WHEREAS, the maximum amount of the contract in question is for an amount not to exceed \$1,975,000.00 - and reserving the right for payment of a performance bond and the availability of funds have been certified by the City Comptroller; and

WHEREAS, the Local Public Contracts Law (N.J.S.A. 40A:11-1 et seq.) requires that the resolution authorizing the award of contracts for "Extraordinary, Unspecifiable Services" without competitive bids and the contract itself must be available for public inspection; and

WHEREAS, the City Council of the City of Vineland has reviewed the certification of the Director, relies thereon and adopts the determinations contained therein and certified that this meets the statute and regulations governing the award of said contracts;

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF VINELAND, as follows:

1. THAT this contract is awarded without competitive bidding as an "Extraordinary, Unspecifiable Service" in accordance with 40A:11-5(1)(a) of the Local Public Contracts Law because the services cannot be described by written specifications because of the specialized and qualitative nature of the services which are not capable of measurement nor of accurate written expression; they require expertise and extensive training and are required to be performed by an individual who has proven reputation in a particular field of endeavor.

2. THAT the Purchasing Agent be and the same is hereby authorized to issue purchase order contract to Siemens Energy Inc. in connection with the removal, induction inspection, root cause analysis, repair of damage and reinstallation to Unit 11 combustion turbine for the City of Vineland Municipal Electric Utility in an amount not to exceed \$1,975,000.00.

3. THAT a notice of this action shall be published in the Daily Journal.

Adopted: April 19, 2016



President of Council arf

ATTEST:



City Clerk kp

CITY OF VINELAND

RESOLUTION NO. 2016- 126

RESOLUTION AUTHORIZING THE EXECUTION OF AN AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 1 TO A LONG TERM SERVICE AGREEMENT WITH SIEMENS ENERGY, INC. ORLANDO, FLORIDA FOR LEASED COMBUSTION TURBINE.

WHEREAS, on March 22, 2016 the City Council of the City of Vineland adopted Resolution 2016 – 96, authorizing the execution of a Long Term Service Agreement (LTSA) with Siemens Energy, Inc. (Siemens) Orlando, Florida, for the provision of maintenance and repairs to the combustion turbine located at Down 11 and Clayville Unit 1; and

WHEREAS, the LTSA calls for Siemens to respond to all unscheduled maintenance events throughout the contract term, and it to provide a substitute combustion turbine should the same be necessary due to an unscheduled maintenance at a cost of \$34,301.00 per week so the Vineland Municipal Electric Utility (VMEU) may continue generating power for the residents of the City of Vineland; and

WHEREAS, as a result of an unexpected outage at the Down 11 generation facility due to certain damage of an unknown origin to the combustion turbine, a need exists to lease a combustion turbine from the Siemens in accordance with the LTSA which has been deemed essential to the operation of VMEU by the Director ; and

WHEREAS, it is anticipated that the time within which the Down 11 combustion turbine will be repaired is estimated to be 14 weeks, or an amount not to exceed \$480,210.00; and

WHEREAS, the Acting Comptroller has certified the availability of funds.

NOW THEREFORE BE IT RESOLVED by the City Council of the City of Vineland that the Vineland Municipal Electric Utility is authorized to exercise the requirements of Section 1.4 "Unscheduled Maintenance" of the long Term Service Agreement with Siemens Inc. for the lease of a combustion turbine for Down 11 generation facility in an amount not to exceed \$480,210.00.

BE IT FURTHER RESOLVED by the Council of the City of Vineland that the Mayor and Clerk are hereby authorized to execute any and all documents necessary to carry out the terms of this Resolution and the Long Term Service Agreement.

Adopted: April 19, 2016



President of Council arf

ATTEST:



City Clerk kp

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



President of Council pfcIII

ATTEST:


City Clerk

kp

RESOLUTION NO. 2016- 96

A RESOLUTION AUTHORIZING THE ISSUANCE OF AMENDATORY SUPPLEMENTAL CHANGE ORDER NO. 16, 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 \$2,560,010.00.

WHEREAS, the City Council of the City of Vineland, on November 24, 2009, adopted Resolution No. 2009-623, entitled "A RESOLUTION AWARDED 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. To exercise Contract Price Modification offered by Siemens in their proposal submitted on February 17, 2016 (copy attached) for a Long Term Service Agreement for both Down Unit #11 and Clayville #1 incorporating their scope within the existing contract at the offered price
2. Siemens will provide maintenance services for Down Unit 11 and Clayville 1 gas turbine equipment in accordance with the terms and conditions of this agreement
3. Incorporation of the attached Siemens Proposals results in a contract price increase of \$2,560,010
4. VMEU has analyzed the costs vs. benefits of this proposal from both a labor and materials cost perspective, as well as a risk assessment perspective, bearing in mind that if either of these two generating units cannot operate when scheduled to run by the PJM ISO, financial penalties will be incurred
5. The term of this LTSA will be five (5) years in accordance with N.J.S.A. 40A:11-15(7); 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 \$2,560,010.00; now, therefore,

BE IT RESOLVED by the Council of the City of Vineland that said amendatory supplemental change order #16 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 \$2,560,010.00, be and the same is hereby ratified and approved.

RESOLUTION NO. 2016-96

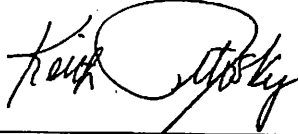
Adopted: March 22, 2016



President of Council

arf

ATTEST:



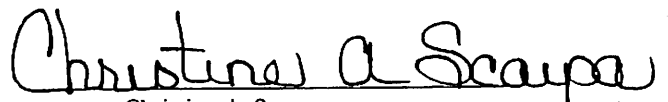
City Clerk

kp

CERTIFICATION

I, Christine A. Scarpa, Deputy Clerk of the City of Vineland, Cumberland County, New Jersey, do hereby certify that the foregoing Resolution is a true and correct copy of a Resolution adopted by the Council of the City of Vineland, at a meeting conducted on March 22, 2016 at the City Hall, Vineland, New Jersey.

(SEAL)



Christine A. Scarpa,
Deputy Municipal Clerk