

RESOLUTION NO. 2023-363

A RESOLUTION AUTHORIZING THE EXECUTION OF A PROFESSIONAL SERVICE AGREEMENT BY AND BETWEEN SIEMENS ENERGY, INC., HOUSTON, TEXAS, AND THE CITY OF VINELAND FOR FALL OUTAGE SUPPORT FOR UNIT 11 AND CLAYVILLE GENERATING STATIONS IN AN AMOUNT OF \$499,826.74 PURSUANT TO A LONG TERM SERVICE AGREEMENT.

WHEREAS, the City of Vineland has entered into a Long Term Service Agreement with Siemens Energy, Inc. Houston, TX for Siemens Fall Outage Support for Unit 11 and Clayville Generating Stations pursuant to a Long Term Service Agreement; and

WHEREAS, the services to be provided are proprietary in nature and are in furtherance of a Long Term Service Agreement and therefore are exempt from public bidding in accordance with N.J.S.A. 40A:11-5 et seq.; and

WHEREAS, Siemens has provided quotations for Fall Outage Support for Unit 11 and Clayville Generating Stations in accordance with the Quotations attached hereto and made a part hereof in the amount of \$499,826.74 and

WHEREAS, the Director of the Vineland Municipal Electric Utility has certified that the nature of the service falls within the exceptions of N.J.S.A. 40A:11-5(1)(m) and is requesting authorization for the execution of a contract with Siemens for Fall Outage Support for Unit 11 and Clayville Generating Stations in accordance with the Long Term Service Agreement; and

WHEREAS, the availability of funds for payment to Siemens in accordance with the Contract have been certified by the Chief Financial Officer.

NOW THEREFORE BE IT RESOLVED, by the Council of the City of Vineland that the Mayor and Clerk are authorized to execute an agreement with Siemens Energy, Houston, Texas for Fall Outage Support for Unit 11 and Clayville Generating Stations in the amount of \$499,826.74 in accordance with the Long Term Service Agreement.

Adopted:

President of Council

ATTEST:

City Clerk

**REQUEST FOR RESOLUTION FOR CONTRACT AWARDS
UNDER 40A:11-5 EXCEPTIONS
(PROFESSIONAL SERVICES, EUS, SOFTWARE MAINTENANCE, ETC)**

6/30/2023
(DATE)

1. Service (detailed description): Siemens Fall Outage Support for Unit 11 & Clayville
Generating Stations provisioned under the Long Term Service Agreement

2. Amount to be Awarded: \$ \$499,826.74
 Encumber Total Award
 Encumber by Supplemental Release

3. Amount Budgeted: \$ 500,000

4. Budgeted: By Ordinance No. _____
Or Grant: Title & Year _____

5. **Account Number to be Charged: 3-05-55-502-9001-53353 E553X & E553C

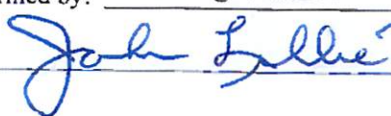
6. Contract Period: Budget Year 2023

7. Date To Be Awarded: ~~7/11/2023~~ 7-25-23

8. Recommended Vendor and Address: Siemens Energy Inc. 1200 West Sam Houston
Parkway North, Houston TX 77043

9. Justification for Vendor Recommendation:(attach additional information for Council review)
*please see attached cost breakdown for Siemens services provisioned
under the current Long Term Service Agreement
Charges will be split as follows: E553X - \$190,414.98 / E553C - \$309,411.76
 Non-Fair & Open (Pay-to-Play documents required)
 Fair & Open: How was RFP advertised? _____

10. Evaluation Performed by: Steve August x4241

11. Approved by: 

12. Attachments:
 Awarding Proposal
 Other: Expense Breakdown

- Send copies to:
Purchasing Division
Business Administration

**** If more than one account #, provide break down**

2023 Siemens Fall Outage Expenses revised 6/30/2023

Quote #	Amount	Description
N/A	\$ 52,396.71	Unit 11 Class A-1 Inspection (per LTSA att C)
N/A	\$ 148,994.43	Clayville Class A Inspection (per LTSA att C)
VMEU_045_r1	\$ 38,704.00	Fall 2023 Extra Work
20319603	\$ 22,524.32	Intake Flare Kit
20320742	\$ 4,702.29	Check Valve
20323045	\$ 2,696.12	XM Expansion Relay
20327301	\$ 54,165.90	Gas & Liquid PAPS Valves
VMEU_042_r1	\$ 85,580.86	25K/50K Generator Inspection
20307353	\$ 74,599.12	Qty. 2 x Exhaust Kit & Hardware
20324616	\$ 15,462.99	QDM Sensor, Cable, Seal, & Thermocouple
TOTAL	\$ 499,826.74	

Unit 11:	\$ 190,414.98
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Clayville:	\$ 309,411.76
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ATTACHMENT C: PRICE AND TERMS OF PAYMENT

1. Maintenance Charges

The Customer will pay to Seller the following fees and prices expressed in this Attachment C for the Services described in this Maintenance Contract:

1.1 **Fixed Annual Fee.** For the management services, access to technical support and operational service desk, remote diagnostic services and Unscheduled Lease Club Services as described in this Maintenance Contract the following annual charge shall apply: \$544,718 (per Year)

1.2 **Inspection Fees.** For Preventative Maintenance of the Covered Equipment in accordance with this Maintenance Contract the following charges shall apply:

Gas Turbine:

A1 Class Inspection: \$41,837 (per unit, per event)

A Class Inspection: \$118,967 (per unit, per event)

AC Generator:

Compensation for AC Generator Services will be in addition to the Maintenance Charges and based on Contractor's invoiced cost plus 15% for third-party services, unless otherwise agreed by the Parties.

1.3 **Corrective Maintenance Charges.** Notwithstanding a valid warrant claim, compensation for parts and services for all other Corrective Maintenance shall be based on Contractor's prevailing then current rates and prices; and Contractor's invoiced cost plus 15% for any agreed third-party services. Contractor will provide Customer with a five percent (5%) discount off the then-current field service rates.

1.4 **Lease Engine Usage Fee.** For each full week of possession in accordance with Attachment B3 the following charge shall apply: \$36,515 (per week, prorated for partial weeks)

2. Payment and Invoicing Details

2.1 All charges in this Attachment C are expressed in US Dollars and will be payable by Customer in US Dollars.

2.2 Within thirty (30) Days following the date Customer receives each invoice, Customer shall pay to Contractor the invoice amount.

2.3 Beginning on the Effective Date and continuing throughout the Term, Contractor will invoice to Customer for the amount payable as follows:

- a. The Fixed Annual Fee will be invoiced quarterly in advance with the first invoice being issued no earlier than the Effective Date. Subsequent invoices will be issued no earlier than the Effective Date anniversary.
 - b. Inspection Fees will be invoiced upon completion of each event.
 - c. Lease Engine Usage Fee will be invoiced monthly in arrears.
- 2.4 If payment of any Maintenance Charge or part thereof is delayed, Contractor shall be entitled to claim and the Customer shall be liable to pay interest on the amount overdue at a rate of five one hundredths of one per cent (0.05%) per day for each day of delay until payment is received in full.
- 2.5 Should the Customer dispute any part of the amount on an invoice, the Customer shall immediately inform Contractor of the fact and the reasons for the dispute. The Customer and Contractor shall mutually enter into discussions to resolve, at the earliest possible time, such a dispute. The Customer shall not withhold payment in respect of any undisputed amount. Upon settlement of the dispute the resolved amount shall become immediately due for payment.

3. Price Adjustment Formula

Unless otherwise stated, all charges, fees and prices expressed in this Attachment C, including the Fixed Annual Fee, shall be subject to escalation, commencing at the beginning of the second Year and calculated as follows:

$$P_n = P_o \times (0.35(I_n/I_o) + 0.65(m_n/m_o)) \times (1 + (0.005 \times (Y_n - Y_o)))$$

Where P_n is the relevant price or fee for Year in consideration

P_o = is the relevant price or fee for the first Year

I_o = the Producer Price Index number for "Turbine and Turbine Generator Set Units Manufacturing, not seasonally adjusted", Series Id: PCU333611333611, published by the US Bureau of Labor Statistics, as of December 2020

I_n = is the corresponding index to I_o for the month immediately preceding the relevant Year

m_o = the index number of Producer Prices – MM22, table "2811000000: Engines & Turbines, except Aircraft, Vehicle & Cycle Engines", Time Series ID: JV8L (published by the UK Office of National Statistics), as of December 2020

m_n = the corresponding index to m_o for the month immediately preceding the relevant Year

Y_n = the year in consideration

Y₀ = the year that the Maintenance Contract was entered into

If the United Kingdom or United States ceases to publish any of the indices referred to above or modifies the basis of the calculation then Contractor shall have the right to substitute any officially recognised, proper and substantially equivalent index. In the event of a negative escalation for any Year, the relevant price or fee shall be equal to the price or fee for the preceding Year.

Where any Maintenance Charge is subject to escalation and the relevant indices are not available, the Contractor may submit invoices based upon the most recent published indices, and shall issue a further invoice or credit note to correct the amount due when the applicable indices are published.

2023 Contract Year - Escalation Data		
$P_n = P_o \times (0.35(I_n/I_o) + 0.65(m_n/m_o)) \times (1 + (0.005 \times (Y_n - Y_o)))$		
1) Contract Start Baseline		
DESCRIPTION	UNIT OF MEASURE	Po =April 2021 (USD) Contract Values
Annual Maintenance	Each annually	\$544,718
A1 Class Inspection	Per Event	\$41,837
A Class Inspection	Per Event	\$118,967
Lease Engine Usage Fee	Weekly	\$36,515
2) CPI Values (Indices)		
CPI Categories	CPI Values	Calculated Values
Io December 2020 (PCU333611333611)	230.9	0.388027068
In March 2022 (PCU333611333611)	255.987	
mo December 2020 (MM22)	116.5	0.851974249
mn March 2022 (MM22)	152.7	
Sum of the indices Calculated Values	1.24000132	
Yn current Year	2023	1.01
Yo (maintenance contract signed)	2021	
Total of the Calculated Values	1.25240133	
3) New Contract Values 2023		
DESCRIPTION	UNIT OF MEASURE	New Contract Values Pn = 2023 Contract Year
Annual Maintenance	Each annually	\$682,205.55
A1 Class Inspection	Per Event	\$52,396.71
A Class Inspection	Per Event	\$148,994.43
Lease Engine Usage Fee	Weekly	\$45,731.43



Siemens Energy Inc.
 1202 West Sam Houston Pky N.
 Houston, TX, 77043
 Telephone: +1 713-346-1669
 Fax: +1 713-346-1799

Quotation Number	
VMEU_045_r1	
Please refer to this number on all correspondence or other communications.	

Customer Information	
Steve August Vineland Municipal Electric Utility 211 N. West Ave Vineland, NJ (609) 784-2678	

Siemens Energy LTP Project Manager	
Name:	Viktor De Leon
Phone:	713-346-1740
Mobile:	317-294-7091
E-Mail:	viktor.deleon@siemens-energy.com

Quote Information			
Effective:	23-Jun-23	Expires:	23-Jul-23
Time Frame:	Vineland Unit 11 - November 4 to 5 Clayville Unit 1 - November 8 to 9	No. & Type of Reps:	2 Field Service Representative
Work Scope:	Fall 2023 Extra Work 1. Installation of the inlet flare kit supports on both units 2. Installation of the hydraulic oil control pump transfer kit on both units		

Quotation Detail				
Labor				
Line No.	Item/Description	Total No. Of Reps		Total Price \$
10	Regular Time	2		\$20,352.00
20	Over Time	2		\$15,264.00
30	Premium Time	0		\$0.00
40				
50				
Expenses				
Line No.	Item/Description	Total No. Of Reps		Total Price \$
60	Round Trip Airfare	0		\$0.00
70	Accomodation	2		\$1,512.00
80	Per Diem	2		\$648.00
90	Rental Car	2		\$928.00
100				
110				
120				

*This estimate is for budgetary purposes only. The final invoice will reflect the actual hours worked or traveled and the expenses per attached ratesheet.	Total Estimated Cost:	\$38,704.00
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SIEMENS energy			Quotation #	VMEU_045_r1	Customer	Vineland Municipal Electric Utility									
Valid Until: 23-Jul-23			Contract	LTP Contract	\$318.00	\$477.00	\$636.00	\$189.00	\$81.00	\$116.00	\$1,400.00				
			T&Cs	LTP Contract	per hour	per hour	per hour	per day	per day	per day	estimate				
FSR Rep Name	Daily Date	Day of Week	Time Type	Notes	Total Hours	M-F 0-8 hrs	M-F >8 <12, Sat 0-12 hrs	M-Sat >12, Sun, Holidays	Accomodations	Per Diem	Transportation	Airfare	Notes		
Representative #1	04-Nov-2023	Saturday	Shift Day	Unit 11	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #1	05-Nov-2023	Sunday	Shift Day	Unit 11	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #2	04-Nov-2023	Saturday	Shift Day	Unit 11	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #2	05-Nov-2023	Sunday	Shift Day	Unit 11	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #1	08-Nov-2023	Wednesday	Shift Day	Clayville	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #1	09-Nov-2023	Thursday	Shift Day	Clayville	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #2	08-Nov-2023	Wednesday	Shift Day	Clayville	12.00	8.0	4.0		1.0	1.0	1.0				
Representative #2	09-Nov-2023	Thursday	Shift Day	Clayville	12.00	8.0	4.0		1.0	1.0	1.0				
					Total Hours	96.00	ST	OT	PT	Accomodations	Per Diem	Transportation	Airfare	Tooling	Other Notes
*This estimate is for budgetary purposes only. The final invoice will reflect the actual hours worked or traveled and the expenses per attached ratesheet.						64.0	32.0	0.0	8.0	8.0	8.0	0.0	0.0	Customer Total (USD)	
						20,352.00	15,264.00	-	1,512.00	648.00	928.00	-	-	\$ 38,704.00	



Quotation 20319603

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: David Enander
Department: SE GP I SV NA LTP OM

Telephone: +1 (321) 230-6865
Fax:
E-mail:

Your Inquiry: Intake Flare Kit
Inquiry Date: Apr. 25, 2023
Doc. Date: Apr. 26, 2023

**Enander
David**
Digitally signed by Enander David
DN: cn=Enander David, c=DE,
o=Siemens,
email=david.enander@siemens-
energy.com
Date: 2023.04.27 08:05:56 -0400

Our machine reference:
SPARES31NA AGT Spares DUMMY
NA

Dear Sir or Madam,
We thank you for your enquiry and now have pleasure in quoting as attached.
We trust our offer will be acceptable to you and now look forward to receiving your further instructions.

Siemens Energy, Inc. Houston

Siemens Energy, Inc.
1209 Orange st, Wilmington DE 19801 USA
Company Registration: 13-3987280

Siemens Energy is a trademark licensed by Siemens AG.

Office Address: Tel : +1 (281) 436-6782
1200 West Sam Fax: +1
Houston Parkway North siemens-energy.com
Houston, TX 77043
USA

Item	Designation	Quantity	Price in USD per unit	Total in USD
10	KIT, FLARE Material: RRE073845 HS Code: 7326908688 Current delivery time: 8 working weeks Standard delivery time: 11 working weeks	2.000 EA	11,262.16	22,524.32
	NJ0836099	0.00%	TAX	0.00
Net value:				22,524.32
Taxes:				
Total (USD):				22,524.32

Siemens Energy shall not be obligated to fulfill this agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions.

Compliance with Export Control Regulations

1 If Purchaser transfers goods (hardware and/ or software and/ or technology as well as corresponding documentation, regardless of the mode of provision) delivered by Siemens Energy or works and services (including all kinds of technical support) performed by Siemens Energy to a third party worldwide, Purchaser shall comply with all applicable national and international (re-) export control regulations. In any event Purchaser shall comply with the (re-) export control regulations of the Federal Republic of Germany, of the European Union and of the United States of America.

2 If required to conduct export control checks, Purchaser, upon request by Siemens Energy, shall promptly provide Siemens Energy with all information pertaining to particular end customer, destination and intended use of goods, works and services provided by Siemens Energy, as well as any export control restrictions existing.

3 Purchaser shall indemnify and hold harmless Siemens Energy from and against any claim, proceeding, action, fine, loss, cost and damages arising out of or relating to any noncompliance with export control regulations by Purchaser, and Purchaser shall compensate Siemens Energy for all losses and expenses resulting thereof, unless such noncompliance was not caused by fault of the Purchaser. This provision does not imply a change in burden of proof.

Pricing base:

Please note our minimum order value is 250.00 USD

Terms of delivery:

FCA FAST Warehouse Orlando
Incoterms® 2020

Delivery time:

Tax information:

The total sales price does not include taxes, customs duties or similar.

Tax:

Plus the statutory tax obtaining on the day of performance of contract.

Down payments and interim payments shall be remitted to us plus the statutory tax obtaining at the time of invoicing.

Terms of payment:

Within 30 days Due net

Bank details:

Payment by check: Siemens Energy, Inc.
Dept CH 14429
60055-4429 Palatine, IL

Bank: The Bank of New York Mellon, 500 Ross St., Pittsburgh, PA 15262, US
SWIFT: MELNUS3PXXX
Bank code or NSC: 043000261
Account No.: 0009040527

Remittance advice to be sent to:
creditcollections.pg@siemens.com
Siemens Energy, Inc.
4400 N. Alafaya Trail, MC Q2-196
USA

Valid to:

May 25, 2023

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Quotation 20323045

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: Darla Warfield
Department: SE GP I SV NA LTP OM

Telephone: +1 (999) 999-9999
Fax: +1 (317) 677-1341
E-mail:

Your Inquiry: LTP/Vineland/051523
Inquiry Date: May 15, 2023
Doc. Date: May 15, 2023

Our machine reference:
SPARES31NA AGT Spares DUMMY
NA

Dear Sir or Madam,

We thank you for your enquiry and now have pleasure in quoting as attached.

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1209 Orange st, Wilmington DE 19801 USA
Company Registration: 13-3987280

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Office Address: Tel : +1 (281) 436-6782
1200 West Sam Fax: +1
Houston Parkway North siemens-energy.com
Houston, TX 77043
USA

Item	Designation	Quantity	Price in USD per unit	Total in USD
10	RELAY, EXPANSION Material: RRE019515 HS Code: 8536490050 Current delivery time: 12 working weeks Standard delivery time: 12 working weeks Price: Customer Price:	2.000 EA	1,348.06	2,696.12
	NJ0836099	0.00%	TAX	0.00
Net value:				2,696.12
Taxes:				2,696.12
Total (USD):				2,696.12

For your information: For pricing the following items were taken into account:

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Pricing base:

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Terms of delivery:

FCA FAST Warehouse Orlando
Incoterms® 2020

Delivery time:

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Terms of payment:
Within 30 days Due net

Bank details:

Payment by check: Siemens Energy, Inc.
Dept CH 14429
60055-4429 Palatine, IL

Bank: The Bank of New York Mellon, 500 Ross St., Pittsburgh, PA 15262, US
SWIFT: MELNUS3PXXX
Bank code or NSC: 043000261
Account No.: 0009040527

Remittance advice to be sent to:
creditcollections.pg@siemens.com
Siemens Energy, Inc.
4400 N. Alafaya Trail, MC Q2-196
USA

Valid to:
June 15, 2023

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Quotation 20320742

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: Darla Warfield
Department: SE GP I SV NA LTP OM

Telephone: +1 (999) 999-9999
Fax: +1 (317) 677-1341
E-mail:

Your Inquiry: Vineland/LTP/050223
Inquiry Date: May 2, 2023
Doc. Date: May 2, 2023

Our machine reference:
SPARES31NA AGT Spares DUMMY
NA

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1200 West Sam Fax: +1
Houston Parkway North siemens-energy.com
Houston, TX 77043
USA

Item	Designation	Quantity	Price in USD per unit	Total in USD
10	VALVE,CHECK Material: RRE005222 HS Code: 8481302090 Current delivery time: 10 working weeks Standard delivery time: 10 working weeks Price: Customer Price: Item being processed, price and delivery time to be confirmed.	1.000 EA	4,702.29	4,702.29
	NJ0836099	0.00%	TAX	0.00
Net value:				4,702.29
Taxes:				
Total (USD):				4,702.29

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Within 30 days Due net

Bank details:

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Dept CH 14429
60055-4429 Palatine, IL

Bank: The Bank of New York Mellon, 500 Ross St., Pittsburgh, PA 15262, US
SWIFT: MELNUS3PXXX
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Quotation 20327301

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: Darla Warfield
Department: SE GP I SV NA LTP OM

Telephone: +1 (999) 999-9999
Fax: +1 (317) 677-1341
E-mail:

Your Inquiry: LTP/Vineland/060923
Inquiry Date: June 23, 2023
Doc. Date: June 9, 2023

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1209 Orange st, Wilmington DE 19801 USA
Company Registration: 13-3987280

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Tel : +1 (281) 436-6782
Fax +1
siemens-energy.com

Item	Designation	Quantity		Price in USD per unit	Total in USD
10	Valve - Solenoid Material: RRE091218 HS Code: 8481803070 Current delivery time: 39 working weeks Standard delivery time: 40 working weeks Price: Customer Price:	6.000	EA	4,129.30	24,775.80
	NJ0836099	0.00%		TAX	0.00
20	Valve - Solenoid Material: RRE091219 HS Code: 8481809005 Current delivery time: 11 working weeks Standard delivery time: 12 working weeks Price: Customer Price:	6.000	EA	4,898.35	29,390.10
	NJ0836099	0.00%		TAX	0.00
Net value:					54,165.90
Taxes:					
Total (USD):					54,165.90

For your information: For pricing the following items were taken into account:

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Compliance with Export Control Regulations

1 If Purchaser transfers goods (hardware and/ or software and/ or technology as well as corresponding documentation, regardless of the mode of provision) delivered by Siemens Energy or works and services (including all kinds of technical support) performed by Siemens Energy to a third party worldwide, Purchaser shall comply with all applicable national and international (re-) export control regulations. In any event Purchaser shall comply with the (re-) export control regulations of the Federal Republic of Germany, of the European Union and of the United States of America.

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3 Purchaser shall indemnify and hold harmless Siemens Energy from and against any claim, proceeding, action, fine, loss, cost and damages arising out of or relating to any noncompliance with export control regulations by Purchaser, and Purchaser shall compensate Siemens Energy for all losses and expenses resulting thereof, unless such noncompliance was not caused by fault of the Purchaser. This provision does not imply a change in burden of proof.

Pricing base:

Please note our minimum order value is 250.00 USD

Terms of delivery:

FCA FAST Warehouse Orlando
Incoterms® 2020

Delivery time:**Tax information:**

The total sales price does not include taxes, customs duties or similar.

Tax:

Plus the statutory tax obtaining on the day of performance of contract.
Down payments and interim payments shall be remitted to us plus the statutory tax obtaining at the time of invoicing.

Terms of payment:

Within 30 days Due net

Bank details:

Payment by check: Siemens Energy, Inc.
Dept CH 14429
60055-4429 Palatine, IL

Bank: The Bank of New York Mellon, 500 Ross St., Pittsburgh, PA 15262, US
SWIFT: MELNUS3PXXX
Bank code or NSC: 043000261
Account No.: 0009040527

Remittance advice to be sent to:
creditcollections.pg@siemens.com
Siemens Energy, Inc.
4400 N. Alafaya Trail, MC Q2-196
USA

Valid to:

July 9, 2023

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Quotation Number:

VMEU_042_r1



CUSTOMER
Vineland Municipal Electric Utility
211 N. West Avenue
Vineland, NJ 08360
(856) 794-4000

SIEMENS CONTACT:
Viktor De Leon
1202 W. Sam Houston
Houston, TX 77043
Cell: +1 317-294-7091

Siemens Energy Inc
1202 W Sam Houston Pkwy. North
Houston, TX, 77043
USA

THIS QUOTE IS VALID TO: 31 July 2023 Unless Previously Withdrawn

All delivery terms as per LTP Contract

CUSTOMER REFERENCE NUMBER(S): M.A442 / M.A916

Payment Terms: Payment due in 30 days from invoice date

To whom it may concern:
Here is our quotation in response to your inquiry regarding Brush's recommended generator inspection. Please use the quotation number shown at the top of this document in any future correspondence.

Item No.	Description	Qty	Unit Price	Total (USD)
1	Clayville Unit 1 Minor Inspection Level 2 (Note 1) - inspection level 2 parts - tooling lease - 1x mechanical engineer & 1x winding engineer (Note 3) - field engineering report - estimated duration: 5 days + 2 days travel (10 hours/day)	1	\$ 65,420.66	\$ 65,420.66
2	Howard Down Unit 11 Minor Inspection Level 1 (Note 1) - inspection level 1 parts - tooling lease - 1x mechanical engineer (Note 3) - field engineering report - estimated duration: 3 days + 2 days travel (10 hours/day)	1	\$ 20,160.19	\$ 20,160.19
TOTAL PRICE				\$ 85,580.86

Notes:

1. Prices are ESTIMATES only and are based on the requirements and scope outlined below. Project deviations will be treated as a chargeable change variance.
2. Final invoice will be based on Brush's invoiced cost + 15%.
3. Customer is to supply two (2) site technicians to assist the BRUSH Engineers as needed for the duration of the work scope.

Quotation Number:

VMEU_042_r1

SIEMENS

LEVEL 1 - Minor Inspection Work Scope (25K/75K)

Prior to Shutdown (if unit available)

- Visual check of machine for signs of oil leaks.
- Record temperatures, vibration & operating data.

Prior to Starting Work

- Discuss with customer any outstanding problems and proposed workscope.
- Check electrical and mechanical isolation.
- Permit to work, lock out tag out in place.
- RAMS completed and communicated to all working parties.

Generator Disassembly

- Remove cubicle covers.
- Disconnect stator main terminals.
- Check jacking oil lift (if fitted).
- Remove exciter air duct.
- Disconnect and remove bearing vibration instrumentation.
- Remove drive end & non drive end top end frame covers.
- Record fan shroud clearances.
- Remove exciter end cover

Visual Inspection of Generator, Cubicles and Cooler

- Check the contact area, wear and function of the shaft earth brush.
- Check and Record bearing seal clearances.
- Inspect stator end compartment for signs of contamination and oil leaks.
- Check oil pipe flange for leaks.
- Visual inspection of main rotor fan condition.
- Visual inspection of rectifier assembly. Clean as necessary.
- Check internal condition of air duct, Clean and replace gaskets if necessary.
- Check cooler for leaks. Check make up filter. Clean as necessary (if fitted).
- Check operation of the stator space heaters.
- Clean out line-side/neutral cubicle.

Electrical Test Stator

- Stator Polarization Index (PI).
- Winding insulation resistance 5kV (IR).
- Winding copper resistance.
- Stator Winding RTD resistance.

Electrical Test Rotor

- Rotor IR 500V.
- Shorted turns test.
- Winding copper resistance.

Electrical Test Exciter

- Exciter armature IR.
- Exciter armature copper resistance.
- Main field IR.
- Main field Winding copper resistance.
- PMG stator IR.
- PMG stator copper resistance.
- Check diodes and fuses.

Rotor Earth Fault Monitor

- Test REFM transmitter for correct operation.

Reassembly

- Prior to re-assembly, inspect stator for cleanliness, clean out stator end compartments.
- Lubricate shaft mounted pump coupling (if fitted).
- Connect stator main terminals.
- Check for cleanliness, fit all covers
- Clean work area of tools.
- Sign off permit.

Following Initial Start Up (if unit available)

- Visual check of generator for oil leaks
- Record temperatures, vibration and operating data readings at various speeds and loads.

LEVEL 2 - Minor Inspection Work Scope (50K)

Prior to Shutdown (If unit available)

- Visual check of machine for signs of oil leaks.
- Record temperatures, vibration & operating data.

Prior to Starting Work

- Discuss with customer any outstanding problems and proposed workscope.
- Check electrical and mechanical isolation.
- Permit to work, lock out tag out in place.
- RAMS completed and communicated to all working parties.

Generator Disassembly

- Remove cubicle covers.
- Disconnect stator main terminals.
- Check jacking oil lift (if fitted).
- Remove exciter air duct.
- Disconnect and Remove bearing vibration instrumentation.
- Remove drive end & non drive end top end frame covers.
- Record 'as found' fan shroud clearances.
- Remove fan shroud and winding cover.
- If fitted, remove shaft driven oil pump and coupling.
- Remove exciter end cover.

Visual Inspection of Generator, Cubicles and Cooler

- Check the contact area, wear and function of the shaft earth brush.
- Check filters for fitment, change if indicated or if condition dictates
- Check oil pipe flange for leaks.
- Visual inspection of main rotor fan condition.
- Visual inspection of rectifier assembly. Clean as necessary.
- Check internal condition of air duct, Clean and replace gaskets if necessary.
- Check operation of the stator space heaters.
- Clean out line-side/neutral cubicle.
- Check tightness of the main and neutral link.
- Check cubicle heaters.
- Check cooler for leaks.
- Check air make-up filter. Clean/change as necessary (if customer has spare on-site).

Electrical Test Stator

- Stator Polarization Index (PI).
- Winding insulation resistance 5kV (IR).
- Winding copper resistance.
- Stator winding RTD resistance.

Electrical Test Rotor

- Rotor IR 500V.
- Shorted turns test RSO.
- Winding copper resistance.

Electrical Test Exciter

- Exciter armature IR.
- Exciter armature copper resistance.
- Main field IR.
- Main field winding copper resistance.
- PMG stator IR.
- PMG stator copper resistance.
- Check diodes and fuses.

Rotor Earth Fault Monitor

- Test REFM transmitter for correct operation.

continuation...

Bearing Inspection

- Check bearing seal air pipe work for damage.
- Check bearing housing for Visual signs of oil leaks.
- Check and Record bearing shaft seal clearances.
- Fit Brush lifting bracket assembly.
- Remove bearing caps.
- Record 'as found' bearing alignment clearances.
- Remove bearing bush.
- Inspect bearing bush for damage, score marks, discolouration.
- Inspect bearing journal for damage, score marks, discolouration.
- Check dimensions to Brush drawing.
- Check bearing RTD's, replace if necessary.
- Check main oil feed hose, replace if necessary.
- Check jacking oil hoses and non-return valves, replace if necessary.

Stator Winding Inspection

- Visual inspection of stator end winding insulation and varnish (where accessible).
- Check airways are clear.
- Check for signs of corona discharge.
- Check blocking, bracing and support boards.
- If required and if time allows, clean the stator end winding where accessible.

Inspection Review

- Discuss findings and any recommended repairs with Brush engineering and the customer.
- If repairs required, agree procedure with customer.

Reassembly

- Prior to re-assembly, Inspect stator for cleanliness, clean out stator end compartments.
- Fit bearing bush, set and record bearing alignment.
- Fit bearing cap.
- Check and record seal clearances.
- Fit winding cover & fan shrouds.
- Set and record fan shroud clearances.
- Fit shaft driven pump and coupling, re-grease coupling.
- Fit and connect bearing vibration instrumentation.
- Re-set bearing vibration probes to correct clearance.
- Connect stator main terminals.
- Check for cleanliness, Fit all covers.
- Clean work area of tools.
- Sign off permit.

Following Initial Start Up (if unit available)

- Visual check of generator for oil leaks.
- Record temperatures, vibration and operating data readings at various speeds and loads.

June 24, 2023

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Quotation 20307353

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: Darla Warfield
Department: SE GP I SV NA LTP OM

Telephone: +1 (999) 999-9999
Fax: +1 (317) 677-1341
E-mail:

Your Inquiry: LTP/Vineland/021523
Inquiry Date: Feb. 15, 2023
Doc. Date: Feb. 15, 2023

Dear Sir or Madam,
We thank you for your enquiry and now have pleasure in quoting as attached.
We trust our offer will be acceptable to you and now look forward to receiving your further instructions.

Siemens Energy, Inc. Houston

Siemens Energy, Inc
1209 Orange st, Wilmington DE 19801 USA
Company Registration: 13-3987280

Siemens Energy is a trademark licensed by Siemens AG.

Office Address: Tel : +1 (281) 436-6782
1200 West Sam Fax +1
Houston Parkway North siemens-energy.com
Houston, TX 77043
USA

Item	Designation	Quantity		Price in USD per unit	Total in USD
10	Kit - Exhaust Hood Material: E1B101208643 HS Code: Current delivery time: 53 working weeks Standard delivery time: 54 working weeks Price: Customer Price:	1.000	EA	29,922.08	29,922.08
	NJ0836099	0.00%		TAX	0.00
20	STUD,FITTED Material: RRE013477 HS Code: 7318155030 Current delivery time: 1 working weeks Standard delivery time: 6 working weeks Price: Customer Price:	6.000	EA	825.24	4,951.44
	NJ0836099	0.00%		TAX	0.00
30	NUT,PLAIN HEX (MM) Material: RRE007553 HS Code: 7318160085 Current delivery time: 16 working weeks Standard delivery time: 16 working weeks Price: Customer Price:	12.000	EA	202.17	2,426.04
	NJ0836099	0.00%		TAX	0.00
Net value:					37,299.56
Taxes:					
Total (USD):					37,299.56

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Pricing base:

Please note our minimum order value is 250.00 USD

Terms of delivery:

FCA FAST Warehouse Orlando
Incoterms® 2020

Delivery time:**Tax information:**

The total sales price does not include taxes, customs duties or similar.

Tax:

Plus the statutory tax obtaining on the day of performance of contract.
Down payments and interim payments shall be remitted to us plus the statutory tax obtaining at the time of invoicing.

Terms of payment:

Within 30 days Due net

Bank details:

Payment by check: Siemens Energy, Inc.
Dept CH 14429
60055-4429 Palatine, IL

Bank: The Bank of New York Mellon, 500 Ross St., Pittsburgh, PA 15262, US
SWIFT: MELNUS3PXXX
Bank code or NSC: 043000261
Account No.: 0009040527

Remittance advice to be sent to:
creditcollections.pg@siemens.com
Siemens Energy, Inc.
4400 N. Alafaya Trail, MC Q2-196
USA

Valid to:

Mar. 15, 2023

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Quotation 20324616

Siemens Energy, Inc. Houston
1200 West Sam Houston Parkway North, Houston, TX 77043, USA

CITY OF VINELAND
640 E WOOD ST
VINELAND NJ 08360
USA

Name: Darla Warfield
Department: SE GP I SV NA LTP OM

Telephone: +1 (999) 999-9999
Fax: +1 (317) 677-1341
E-mail:

Your Inquiry: LTP/052423/Vineland
Inquiry Date: May 24, 2023
Doc. Date: May 24, 2023

Dear Sir or Madam,
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Siemens Energy, Inc. Houston

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Office Address: Tel : +1 (281) 436-6782
1200 West Sam Fax: +1
Houston Parkway North siemens-energy.com
Houston, TX 77043
USA

Item	Designation	Quantity		Price in USD per unit	Total in USD
10	CABLE,QDM SENSOR Material: RRE009206 HS Code: 8544422000 Current delivery time: 42 working weeks Standard delivery time: 42 working weeks Price: Customer Price:	2.000	EA	1,508.55	3,017.10
	NJ0836099	0.00%		TAX	0.00
20	Sensor - QDM Material: E1B101185736 HS Code: Current delivery time: 32 working weeks Standard delivery time: 53 working weeks Price: Customer Price:	2.000	EA	3,804.60	7,609.20
	NJ0836099	0.00%		TAX	0.00
30	SEAL Material: RRE066363 HS Code: 8484100000 Current delivery time: 1 working weeks Standard delivery time: 13 working weeks Price: Customer Price:	1.000	EA	2,515.41	2,515.41
	NJ0836099	0.00%		TAX	0.00
40	Engine-Thermocouple Harn Material: TRN102843 HS Code: 9025198085 Current delivery time: 1 working weeks Standard delivery time: 48 working weeks Price: Customer Price:	1	PC	2,321.28	2,321.28
	NJ0836099	0.00%		TAX	0.00
Net value:					15,462.99
Taxes:					
Total (USD):					15,462.99

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Pricing base:

Please note our minimum order value is 250.00 USD

Terms of delivery:

FCA FAST Warehouse Orlando
Incoterms® 2020

Delivery time:**Tax information:**

The total sales price does not include taxes, customs duties or similar.

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Plus the statutory tax obtaining on the day of performance of contract.

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Valid to: