

RESOLUTION NO. 2014-169

A RESOLUTION AWARDED A CONTRACT TO SIEMENS ENERGY INC., CARY, NC FOR THE COMPLETION OF BUTLER 69KV BREAKER, RELAYING AND WAVE TRAP RETROFIT FOR THE VINELAND MUNICIPAL UTILITIES – DISTRIBUTION DIVISION.

WHEREAS, the City of Vineland has heretofore advertised for bids for the Completion of Butler 69KV Breaker, Relaying, and Wave Trap Retrofit for the Vineland Municipal Utilities – Distribution Division, in accordance with specifications on file in the office of the Purchasing Agent; and

WHEREAS, on April 8, 2014, 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 April 15, 2014 submitted a written report and tabulation of the bids received and has recommended that a contract for the Completion of Butler 69KV Breaker, Relaying, and Wave Trap Retrofit for the Vineland Municipal Utilities – Distribution Division, be awarded to Siemens Energy Inc., Cary, NC, in the amount of \$1,697,888.00, plus a 25% contingency, in the amount of \$424,472.00 for a total award amount of \$2,122,360.00, said bid being the lowest 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 Butler 69KV Breaker, Relaying, and Wave Trap Retrofit for the Vineland Municipal Utilities – Distribution Division, be and the same is awarded to Siemens Energy Inc., Cary, NC, on their bid in the amount of \$1,697,888.00, plus a 25% contingency, in the amount of \$424,472.00 for a total award amount of \$2,122,360.00, said bid being the lowest 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:

President of Council

ATTEST:

City Clerk

April 15, 2014

REPORT TO: THE MAYOR AND COUNCIL

RE: Proposals Submitted to the Purchasing Board on 3/25/14 & 4/8/14

Dear Mayor and Members of Council:

Submitted to you herewith for your consideration is our evaluation of the proposals submitted to the Purchasing Board on March 25, 2014 and April 8, 2014.

FURNISHING AND DELIVERY OF TRENT 60 LUBE OIL & COOLANT FOR THE VINELAND MUNICIPAL ELECTRIC UTILITY – GENERATION DIVISION

It is the recommendation of the Director of Electric Utility, which has the concurrence of the Business Administrator, and the Purchasing Agent that a contract be awarded to the low bidder, Craft Oil Corp. d/b/a PetroChoice, Avoca, PA, in the amount of \$56,231.00.

COMPLETION OF LANDSCAPING INDUSTRIAL PARK ENTRANCES

It is the recommendation of the Director of Economic Development, which has the concurrence of the Business Administrator and the Purchasing Agent that a contract be awarded to the low bidder, Turf Construction Co., Inc., Vineland, New Jersey, in the amount of \$92,068.00.

COMPLETION OF VINELAND PUBLIC LIBRARY ROOF AND WALL RENOVATIONS

It is the recommendation of the Library Director and the City's Consultant, which has the concurrence of the Business Administrator and the Purchasing Agent that a contract be awarded to the low bidder, Fabbri Builders, Inc., Vineland, New Jersey, in the amount of \$497,847.00.

COMPLETION OF BUTLER 69KV BREAKER, RELAYING AND WAVE TRAP RETROFIT FOR THE VINELAND MUNICIPAL UTILITIES – DISTRIBUTION DIVISION

It is the recommendation of the Director of Electric Utility, which has the concurrence of the Business Administrator and the Purchasing Agent that a contract be awarded to the low bidder, Siemens Energy Inc., Cary, NC, in the amount of \$1,697,888.00, plus a 25% contingency, in the amount of \$424,472.00 for a total award amount of \$2,122,360.00.



We trust that the above recommendations will receive your favorable consideration and that the recommended resolutions will be adopted as presented.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "William Lutz". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

William Lutz
Business Administrator

/wr
Encls.



BID EVALUATION FORM

DEPARTMENT EU Distribution

Date: 4/8/14

The undersigned recommends that a contract be awarded for the following:

1. Bid Title: Butler 69kV Breaker, Relaying, & Wave Trap Retrofit REBID
2. Amount to be Awarded: \$2,122,360.00 (\$1,697,888.00 + \$424,472.00 (25% Contingency))
 - Encumber Total Award
 - Encumber by Supplemental Release
3. Engineer's Estimate: \$1,052,000.00
4. Amount Budget: \$ 2,300,000.00
5. Account Number to be Charged: 022-0-00-00-0000-2-7511400
6. Date Bids Received: 4/8/14
7. Date to be Awarded: 4/22/14
8. Recommended Vendor: Siemens Energy Inc.
9. Is Recommended Vendor the Apparent Lowest Bidder? Yes No
10. Comments/Special Instructions: See attached.
11. Evaluation Performed by: T. Dunmore x4291 *TD*
12. Approved By: J. Boyle for JAISABELLA

13. Attached: (Check-Off List)

- Tabulation of Bids
- Justification for Vendor Recommendation (if applicable)
- Evaluation Data (if applicable)

Send copies to:

Purchasing Division
Business Administration

TABULATION OF BIDS
BUTLER 69KV BREAKER, RELAYING,
AND WAVE TRAP RETROFIT
APRIL 8, 2014
(RE-BID)

Engineer's Estimate - \$1,052,000.00

	Siemens Energy Inc 110 MacAlyson Ct Cary NC	Ray Angelini Inc 105 Blackwood-Barnsboro Rd Box 432 Sewell NJ
BB, CAC, CEC	BB 10%	BB 10%
Surety	YES	YES
Corp Discl	YES	YES
Aff Action	YES	YES
Non-Coll	YES	YES
Check List	YES	YES
Proposal	YES	YES
Subs	YES	YES
Addenda	YES	YES
Iran Discl	YES	YES
App A & D	YES	YES
TOTAL	\$1,697,888.00	\$1,995,107.00

Specifications also received by the following:

Altran Solutions
 Robinson Sales
 Mirachi Brothers Inc
 JBL Electric
 Carr & Duff

Notices also sent to the following:

Worley Parsons
 SM Electric
 Black & Veatch
 Henkels & McCoy
 Burns and Roe Enterprises
 Pike Mechanical
 Rumsey Electric
 Primary Lines
 Source One

Project summary on page 2

<p>This Turnkey specification is for all of the engineering, supply, and retrofit installation of (3) fully assembled and filled 69kV SF6 gas circuit breakers, a wave trap, line tuner, CCVT, and retrofit installation of digital relaying at Butler Substation. This specification also includes a relay change-out list, relay start-up and field testing, as well as a recommended spare parts list. Final acceptance testing will be performed by Owner or Owners delegate.</p>
<p>Butler substation was built a-top a capped land fill. All foundations are built on pilings. Due to the nature of a land fill, the ground level is slowly lowering. All conduit should be considered unusable, and will need to be replaced in full as required by cable fill.</p>
<p>Related Projects affected</p>
<p>This project will directly affect the operation of Clayville Unit #1. Per PJM Interconnection agreement, VMEU is required to make upgrades to its system to support contingencies related to system operations with Clayville Unit #1 online. In addition to VMEU Clayville Unit #1, Atlantic City Electric projects at South Millville Substation, as well as Sherman Substation and their new Lincoln 69kV Substation will be coordinated with this project for the support of Clayville Unit #1.</p>

Justification of Vendor Recommendation

Butler 69kV Breaker, Relaying, and Wave trap retrofit RE-BID

In response to the RFP offered for public bidding on March 11, 2014 for the retrofit of Butler substation 69kV sub transmission equipment, two bids were received on April 8, 2014 as detailed on the attached Tabulation of Bids.

Detailed review of the lowest bid submitted by Siemens Energy Inc., showed that this bid was found to be responsive and responsible.

The Butler 69kV Breaker, relaying, and wave trap retrofit is required by PJM and Atlantic City Electric to address the following needs:

1. Support additional fault currents that will be injected due to the addition of Clayville Unit #1
2. Provide capacity for additional power flow to relieve congestion within the VMEU sub-transmission system
3. Lower congestion fees during contingencies related to system operations.
4. Perform relaying upgrades necessary to support the Atlantic City Electric interconnection point protection system upgrade at two substations, which will result in increased reliability and security of the VMEU sub-transmission system.

The engineers estimate for this project was based on the cost of a previous project awarded in 2010 for the replacement of nine breakers and associated relaying and protection equipment. Based on preliminary vendor estimates, there was determined to be a savings to the City of Vineland by separating the testing portion of the project from the installation portion. Due to this, this project was initially to be divided in to two separate contracts, one for installation and procurement, and another for testing.

Siemens Energy incorporated all of the testing elements, plus additional tests VMEU would not have been able to perform due to when the tests could be performed. This includes factory testing and pre-shipment testing values. Siemens Energy is able to procure a testing contractor at a lower price than VMEU. By removing the need for VMEU to hire a separate equipment testing contractor and adding the ability to get better, more complete, test results, Siemens Energy will provide a more complete testing package of the equipment and installation. This will result in an overall savings for this project.