



**Rochelle Municipal Utilities**  
**Electric Operations Division**

## Memo

**To: David Plyman**

**From: Joe Orlikowski**

**CC: Sue Messer**

**Date: 3/9/2015**

**Re: Caron Road Substation 1 Expansion -15 kV Medium Voltage Switchgear with Vacuum Type Breakers**

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On Tuesday, February 3 at 11:00 AM, we opened sealed bids for the 15 kV Medium Voltage Switchgear with Vacuum Type Breakers. Bid packages were received from Siemens, ABB, Electro-tech, TAW, Gexpro Powercon, ESS Metron, and Eaton.

Sargent & Lundy evaluated the proposals including costs, delivery, technical exceptions, special terms and conditions, liquidated damages, payment policy, and warranty.

In addition to the base bid, the specifications requested pricing for Type 2 arc resistant switchgear was also included in the second evaluation titled Arc Resistant Switchgear Bid Evaluation.

### Base Bid Evaluation:

| Bidder/ Transformer Mfg | Original Total Firm FOB Site Price | Delivery Date |
|-------------------------|------------------------------------|---------------|
| Siemens                 | \$548,933                          | 9/11/2015     |
| ESS Metron              | \$668,157                          | 9/11/2015     |
| TAW                     | \$677,804                          | 9/11/2015     |
| Electro-tech            | \$678,920                          | 9/11/2015     |
| ABB                     | \$705,580                          | 9/11/2015     |
| Eaton                   | \$789,367                          | 9/11/2015     |
| Gexpro - Powercon       | \$907,671                          | 9/11/2015     |

### Arc Resistant Switchgear Bid Evaluation.

Of the seven bid proposal we received, four provided pricing for the arc resistant switchgear for the 15 kV Medium Voltage Switchgear:

|              |           |           |
|--------------|-----------|-----------|
| Siemens      | \$561,355 | 9/11/2015 |
| Electro-tech | \$734,920 | 9/11/2015 |
| ESS Metron   | \$746,796 | 9/11/2015 |
| ABB          | \$830,479 | 9/11/2015 |

Recommendations:

In summary, all of the bidders were found to be technically acceptable and there are minor comments to the terms and conditions requiring closure during negotiations.

Since Joe Orlikowski discussed with Sargent & Lundy that the existing switchgear lineup is non-arc resistant and the breaker controls are performed from the central relay control room and not operated from the switchgear room, we would award the bid on the base bid.

For the base bid evaluation, it is Sargent & Lundy's along with Joe Orlikowski that Siemens be awarded the contract in the amount of \$550,193 including the insulated cable boots. This amount is within the project estimated value for the non-arc resistant switchgear, which was estimated at \$612,000.

The Caron Road Substation 1 Expansion project is being funded through the bond funds.

Joseph A. Orlikowski

Superintendent of Electric Operations.