

**SHAKOPEE PUBLIC UTILITIES  
MEMORANDUM**

TO: Greg Drent, General Manager   
FROM: Joseph D. Adams, Planning & Engineering Director   
SUBJECT: 15 KV Pad Mount Switchgear Bid Award  
DATE: May 4, 2026

**ISSUE**

Bids for nineteen (19) new 15 kV pad mount switchgear were opened at 10 am today Monday May 4, 2026. Staff's tabulation of the bids is attached.

**BACKGROUND**

The electric utility needs nineteen (19) new oil base 15 kV pad mount switches for 2026 projects and replacements for existing switches that have operational or safety issues such as corrosion or water intrusion due to compromised tanks.

The 2026 Capital Projects include \$1,700,000 for new pad mount switches. In 2026 we took delivery of and ordered several switches totaling \$793,547 leaving an amount of \$852,600 of the original budget.

**DISCUSSION**

Per our standard specifications the bid evaluation is to be based on:

1. Price and delivery times.
2. Prices quoted shall include delivery.
3. Bids will be awarded as deemed in the best interest of Shakopee Public Utilities.

Eaton is the successor of McGraw Edison and Cooper and the manufacturer of most of the pad mount switch's SPU has in service across its distribution system.

Trayer has been a manufacturer in business since 1962 per their website and we do not have switches installed on our system.

Trayer's bid is lower priced at \$837,551.14 vs. \$968,170.91 for Eaton.

Trayer's bid price does not include freight estimated to be \$2,500 additional for each unit. This would add to the cost an estimated \$47,500 totaling \$885,051.14.

Trayer has longer lead times 52 weeks vs 39 weeks for Eaton. Both bids have lead times extending into 2027.

Trayer uses 304 painted stainless steel for its switches while Eaton's uses painted standard mild steel.

Trayer's hoods are top hinged as specified but are single units 66 inches wide. Our specification call out if greater than 46 inches in width they should be split for safe single person operation. Eaton employs side hinges on two cabinet style doors.

Trayer's bid does not include an oil sampler on each switch although it is offered as an option at an unknown cost. Eaton's bid does include an oil sampler on each switch.

The solid di-electric switchgear bid from Wesco is considerably higher than either of the oil-filled switch bids at \$2,103,408.

## RECOMMENDATION

Staff recommends the Commission award the bid for 19 pad mount switches to Border States/Eaton in the amount of \$968,170.91 as the Border States/Trayer bid is non-responsive on several items.

The uncertainty of the final price from Trayer is a factor in making this recommendation. The freight cost is not known with certainty, the same uncertainty exists for the oil sampler feature which is important to monitor the integrity of the insulating fluid and the cost adder for split hoods is also unknown.

Another important factor is the Eaton switch delivery time is shorter, and time is of the essence to replace some of the switches now in service before they fail from further deterioration.

BID TAB RESULTS  
ELECTRIC 15 kV PADMOUNT SWITCHGEARS  
Shakopee Public Utilities  
5/4/2026

| Vendor       | Switchgear Type | Quantity Measure | Amount Needed | \$ / Quantity | Extended \$  | MFG    | Lead Time | ETA       | \$ Above Lowest Bid | Prices Value Through | Fault Interrupting (kA) | Phasing Config | Model           | Bid Bond | * NOTES                                                                                                |
|--------------|-----------------|------------------|---------------|---------------|--------------|--------|-----------|-----------|---------------------|----------------------|-------------------------|----------------|-----------------|----------|--------------------------------------------------------------------------------------------------------|
| Company Name | BSE             |                  |               |               |              |        | Weeks     |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              | RVAC-9          | per unit         | 16            | 50,873.87     | 813,981.92   | Eaton  | 39        | 2/1/2027  |                     | 5/8/2026             | 12.5 kA                 | ABC-CBA        | RVAC-9          | Yes      |                                                                                                        |
|              | RVAC-11         | per unit         | 3             | 51,396.33     | 154,188.99   | Eaton  | 39        | 2/1/2027  |                     | 5/8/2026             | 12.5 kA                 | ABC-CBA        | RVAC-11         | Yes      |                                                                                                        |
|              |                 |                  |               |               | 0.00         |        |           |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              |                 |                  |               |               | 0.00         |        |           |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              |                 |                  |               |               | 968,170.91   |        |           |           |                     | -130,619.77          |                         |                |                 |          |                                                                                                        |
| Company Name | BSE             |                  |               |               |              |        | Weeks     |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              | RVAC-9          | per unit         | 16            | 44,317.78     | 709,084.48   | TRAYER | 52        | 5/3/2027  |                     | 5/7/2026             | 12.5 kA                 | ABC-CBA        | 802B9M          | Yes      | Stainless Steel, Filled with Diala S5 BD(Biodegradable oil)                                            |
|              | RVAC-11         | per unit         | 3             | 42,822.22     | 128,466.66   | TRAYER | 52        | 5/3/2027  |                     | 5/7/2026             | 12.5 kA                 | ABC-CBA        | 802E11M         | Yes      | Stainless Steel, Filled with Diala S5 BD(Biodegradable oil)                                            |
|              |                 |                  |               |               | 0.00         |        |           |           |                     |                      |                         |                |                 |          | 6-8 weeks approval drawing, 2 week customer approval, 42 weeks after drawing approval for both units   |
|              |                 |                  |               |               | 0.00         |        |           |           |                     |                      |                         |                |                 |          | *Freight cost not included in unit price, prices don't include any potential tariffs, warranty 1 year* |
|              |                 |                  |               |               | 837,551.14   |        |           |           |                     | 130,619.77           |                         |                |                 |          |                                                                                                        |
| Company Name | WESCO           |                  |               |               |              |        | Weeks     |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              | TYPE-9          | per unit         | 16            | \$ 109,956.00 | 1,759,296.00 | ABB    | 26        | 11/2/2026 |                     | 5/31/2026            | 20 kA                   | ABC-CBA        | MM3442T-2602124 | Yes      | Solid Dielectric                                                                                       |
|              | TYPE-11         | per unit         | 3             | \$ 114,704.00 | 344,112.00   | ABB    | 26        | 11/2/2026 |                     | 5/31/2026            | 20 kA                   | ABC-CBA        | MM3443T-2604291 | Yes      | Solid Dielectric                                                                                       |
|              |                 |                  |               |               |              |        |           |           |                     |                      |                         |                |                 |          |                                                                                                        |
|              |                 |                  |               |               | 2,103,408.00 |        |           |           |                     | -1,265,856.86        |                         |                |                 |          |                                                                                                        |