



## **RFP 8156 – Switchgear Buildings**

**City Council – 23-2167**

---

**Cody Tenorio, P.E.**  
**Electric Engineering**  
**Denton Municipal Electric**  
**11-14-2023**



# Switchgear Buildings

- Nominally 43' Long by 15' Wide Metal Building
- Located in Substations
- Completely Assembled and Furnished
- Arc-Resistant – Designed to Protect Personnel and Equipment in Case of Fault
- Equipped With Switchgear, Breakers, AC and DC Panels, and Batteries
- Houses SCADA Systems, Relay Panels, and Communication Equipment



Switchgear  
Building

Power  
Transformer

# CIP Projects

- Estimated Need for four (4) buildings

Exhibit 2 Estimated Number of Switchgear Buildings Required	
Substation Project	Number of Buildings
Brinker	1
Underwood	2
Future	1
<b>Total</b>	<b>4</b>



# Request for Proposals

RFP 8156 was advertised to obtain switchgear buildings and evaluated on:

- Price
- Delivery
- Compliance with Specifications
- Probable Performance



# Recommendation

Staff recommends approval of a contract with Powell Electrical Systems, Inc., for the purchase of switchgear buildings for Denton Municipal Electric, in a three (3) year, with the option for two (2) additional one (1) year extensions, in the total five (5) year not-to-exceed amount of \$6,525,253.

# Questions?