

Edmonton Transit Service

Edmonton

CO01955 - EPCOR Contract Extension Distribution & Transmission

Executive Committee - October 13, 2023

Eddie Robar - Deputy City Manager, City Operations

Carrie Hotton-MacDonald - Branch Manager, ETS

Trevor Dennehy - Director, LRT Operations & Maintenance, ETS

Overview

- The City is seeking a five-year extension to an existing sole source agreement with EPCOR Distribution & Transmission (D&T) for LRT substation monitoring and control services.
- EPCOR D&T provides continuous, round-the-clock monitoring and remote control of the LRT substations.
- These services have historically been provided through the EPCOR Technologies agreement that has lapsed since the closure of EPCOR's Technologies division.

EPCOR D&T Substation Monitoring and Control

- EPCOR D&T has a control centre that monitors all of the electrical substations in the City, including the 17 owned by ETS.
- The Service to the ETS Substations include:
 - 24/7 monitoring
 - Communicate with City staff to rectify issues
 - Remotely switch on/off circuits
 - Record/store data log including events/alarms
- This type of function is common across all electrified train systems to maintain reliability and system up-time.

Contract History



Conclusion

- No additional financial impact, included in existing branch budget for ETS.
- EPCOR has equipment, software and operational procedures customized to work with Edmonton LRT substation network.