

Technical Services Agreement for Traffic Signal Infrastructure – Pilot Project with City of Martensville

ISSUE

The City of Martensville has approached the City of Saskatoon to provide technical services for traffic signal infrastructure.

RECOMMENDATION

1. That the Administration be authorized to enter into a Technical Services Agreement with the City of Martensville whereby the City of Saskatoon will provide technical services to support their traffic signals as a pilot project for one year;
2. That the Administration report back after one year with an assessment of the pilot project; and
3. That the City Solicitor be requested to prepare the appropriate agreement and that His Worship the Mayor and the City Clerk be authorized to execute the agreement under the Corporate Seal.

BACKGROUND

The City of Martensville currently relies on external contractors to complete traffic signal infrastructure repairs, maintenance and new installations. They have experienced delays in timely completion of this work and are investigating options to improve this service. As the City of Saskatoon has an internal workgroup dedicated to traffic signal infrastructure, the City of Martensville has inquired into the possibility of entering into a pilot project for the provision of traffic signal services.

For context, the City of Martensville currently has three traffic signals. The City of Saskatoon currently has over 300 traffic control installations (traffic signals, rectangular rapid flashing beacons, pedestrian automated signals, etc.).

DISCUSSION/ANALYSIS

The proposed agreement framework outlines how the City of Saskatoon can provide technical services to support the City of Martensville's traffic signal infrastructure. The framework includes:

1. Repairing and maintaining infrastructure comprising of the following:
 - a. testing of equipment such as traffic signal controllers, wiring, traffic signal lights, pedestrian walk indicator lights, conflict management units and vehicle detection systems;
 - b. programming of traffic signal controllers with traffic signal plans developed by others;
 - c. repairing traffic signal infrastructure damaged due to collisions;

- d. changing of filters and turning on/off heaters as required based on the season; and,
 - e. addressing vehicle detection and traffic signal timing operational concerns.
2. Installation of new traffic signal and pedestrian crossing devices in accordance with engineering plans provided by others.
3. The City of Saskatoon will not provide engineering services such as, but not limited to, designing traffic signal timing plans and new installations.
4. The agreement will be for a one-year term starting when the agreement is signed with options to renew for additional one-year terms on expiration of the initial term or upon reaching the agreement upset fee limit (\$50,000), whichever occurs first.

The City of Saskatoon currently has over 300 traffic signal control devices. Administration anticipates the services in the agreement with the addition of three existing traffic signals and one planned rectangular rapid flashing beacon in the City of Martensville can be accommodated without an impact to the level of service currently provided to the City of Saskatoon or a requirement for additional staff. Any unforeseen negative impacts to the level of service or strain on staffing resources will be documented in the pilot project assessment.

FINANCIAL IMPLICATIONS

The City of Saskatoon has standard cost-recovery charge out labour, equipment, and materials rates used for third-party work such as this. These rates will be charged to the City of Martensville for work resulting from this agreement.

OTHER IMPLICATIONS

There are no privacy, legal, social or environmental implications identified.

NEXT STEPS

If City Council approves entering into a Technical Services Agreement with the City of Martensville for Traffic Signal Infrastructure on a one-year pilot project, the City Solicitor will prepare the Agreement for execution by the two parties.

The Administration will report back after one year with an assessment of the pilot project.

Report Approval

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