



AGENDA MEMORANDUM

Action Item for the City Council Meeting March 22, 2022

DATE: March 22, 2022

TO: Peter Zaroni, City Manager

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Purchase of Traffic Signal Control Cabinets for Public Works

CAPTION:

Motion authorizing a three-year supply agreement with Mobotrex of Davenport, Iowa, for the purchase of 30 replacement traffic control signal cabinets for \$290,400.00 through the Buy Board Purchasing Cooperative to be used by the Public Works Department with funding in the amount of \$48,500.00 available through the FY 2022 Street Maintenance Fund.

SUMMARY:

The Public Works Department is requesting approval of a motion authorizing a three-year supply agreement with Mobotrex of Davenport, Iowa, for the purchase of 30 traffic control signal cabinets for \$290,400.00. This supply agreement will provide the Public Works' Traffic Signals Division the necessary equipment to replace cabinets that were substantially damaged or destroyed by vehicle accidents, equipment having reached its end of life, and/or weather related events.

BACKGROUND AND FINDINGS:

The Public Works Department's Traffic Signals Division is responsible for maintaining and operating the City's 252 signalized intersections. There is no equipment more integral to the operation of a signalized intersection than the traffic signal cabinet, which houses and protects the "brains" of the intersection. On average, Public Works replaces approximately 10 cabinets per annum. In Corpus Christi, traffic signal cabinets need to be replaced when a cabinet is substantially damaged or destroyed and/or has reached its end of life. In any given year, approximately 50% of the traffic signal cabinet replacements are needed due to damage or destruction caused by vehicular accident, 40%

due to regular equipment end of life and maintenance, and 10% due to weather related events like lightning strikes and hurricane damage.

PROCUREMENT DETAIL:

This procurement is through the Buy Board Cooperative. Contracts awarded through the Buy Board Cooperative have been competitively procured in compliance with Texas, local and state requirements. In 2019 the City purchased 30 traffic cabinets from Mobotrex at a price of \$277,500.00, an increase of \$12,900.00 or 4.65%.

ALTERNATIVES:

City Council could choose not to approve this purchase, which would force Public Works to purchase traffic signal cabinets on a per unit basis at retail prices. This would reduce the number of traffic signal cabinets the department can replace on an annual basis regardless of the damage sustained by the cabinets.

FISCAL IMPACT:

The fiscal impact in FY 2022 is in the amount of \$48,500.00 for this supply agreement, with the remaining contract balance of \$585,502.08, if option period is exercised, and contingent upon future fiscal year budgeted appropriations authorized by future City Councils through the annual budget process.

FUNDING DETAIL:

Fund:	1041 – Street Maintenance Fund
Organization/Activity:	12310 – Traffic Signals
Mission Element:	051 – Maintain Pavement & Associated Improvements
Project # (CIP Only):	N/A
Account:	550040 – Other Equipment
Amount:	\$48,500.00

RECOMMENDATION:

Staff recommends approval of the motion authorizing this supply agreement with Mobotrex as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet
Supply Agreement