



## AGENDA MEMORANDUM

Action Item for the City Council Meeting of November 12, 2019

**DATE:** November 12, 2019

**TO:** Peter Zanoni, City Manager

**FROM:** Albert Quintanilla, Director of Street Operations  
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### Supply Agreement for Traffic Signal Cabinets

#### **CAPTION:**

Resolution authorizing a three-year supply agreement with J.Q & G Incorporated, dba OB Traffic, of Roanoke, Virginia in an amount not to exceed \$226,500.00 for the purchase of up to 30 traffic signal cabinets, for Street Operations effective upon issuance of notice to proceed, with FY 2020 funding in the amount of \$75,500.00 available through the Street Fund.

#### **SUMMARY:**

This resolution authorizes a supply agreement with J.Q & G Incorporated, dba OB Traffic, for up to 30 traffic signal cabinets. These new cabinets are National Electrical Manufacturers Association (NEMA) TS-2 and will replace the older obsolete signal cabinets and assemblies currently in use.

#### **BACKGROUND AND FINDINGS:**

The City has 251 signalized traffic intersections which are maintained by the Traffic Signal division. Each intersection is equipped with a traffic cabinet, traffic controller and various other control components. The existing NEMA TS-1 Traffic Cabinets have limited functionality and are not compatible with the latest and newer technology to interact with the City's Traffic Management Center (TMC).

The new cabinets NEMA TS-2 will replace the older obsolete signal cabinets and assemblies currently in use. New cabinets will improve traffic management operations by allowing remote access to traffic signal programming and signal timing from TMC. In addition, the new cabinets will have Malfunction Management Units (MMU-2), which will automatically notify The City's TMC of signal malfunctions. In the event of a traffic signal malfunction, repair or reset signals can be sent from the TMC to attempt to repair the malfunction, in lieu of dispatching a field signal repair

technician, which improves traffic safety by decreasing our employee exposure to traffic and by potentially expediting traffic signal restoration after a malfunction.

The Contracts and Procurement Department conducted a competitive Request for Bid (RFB) process and received five responsive, responsible bids, and is recommending award to J.Q & G Incorporated dba OB Traffic for Traffic Signal Cabinets as the lowest responsive, responsible bidder.

**ALTERNATIVES:**

An alternative to accepting the lowest, responsive, responsible bidder, J.Q & G Incorporated dba OB Traffic would be to reject all bids and continue with the existing cabinets, which has a limited functionality and are not compatible with the latest and newer technology to interact with the City's Traffic Management Center(TMC).

**FISCAL IMPACT:**

The fiscal impact for Street Operations in FY 2020 is \$75,500.00 for this three-year supply agreement with J.Q & G Incorporated dba OB Traffic for the purchase of up to 30 Traffic Signal Cabinets, with the remaining cost funded in future years through the annual budget process.

**Funding Detail:**

Fund:	1041 Streets
Organization/Activity:	12310
Mission Element:	053 Operate and Maintain
Project # (CIP Only):	N/A
Account:	550040 Other Equipment

**RECOMMENDATION:**

Staff recommends approval of this resolution authorizing a supply agreement with J.Q & G Incorporated dba OB Traffic for up to 30 Traffic Signal Cabinets as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Resolution  
Supply Agreement  
Bid Tabulation