

Office of Radio Communications

Request for Legislation

An emergency ordinance authorizing the Director of Public Utilities to enter into one or more contracts with Motorola Solutions, Inc. for professional services necessary to provide hardware and software support and maintenance for the Microwave System, for a period of four years.

Background/Purpose:

The Department of Public Utilities, Office of Radio Communications (ORC) is requesting legislation to authorize the purchase of the update to the Microwave System for proprietary equipment. ORC will utilize a direct award contract with Motorola Solutions, Inc. (Motorola) to provide the necessary maintenance and service of the equipment. ORC has utilized Motorola Microwave equipment and maintenance for more than 10 years.

ORC currently utilizes the Motorola Microwave System to support the City Wide Radio System.

Scope of Work/Commodities/Services:

The direct award contract with Motorola is needed to maintain our current system:

1. Upgrade of the existing microwave hops between thirteen (13) sites with equipment provided to support OC3 and IP natively, this includes 11 sites with microwave radio replacement.
2. Provide Nokia Routers for the IP/MPLS back haul and switching function.
3. Transition of the ASTRO P25 Voice radio system to IP transport.
4. Provide four (4) years of service and maintenance

Justification/Urgency:

ORC is requesting legislation to purchase the updates to the Microwave System and its maintenance from January 1, 2021 to December 31, 2024 through Motorola Solutions, Inc.

Motorola is the authorized sole source provider for maintaining Motorola equipment. There are no other authorized dealers available to provide service/maintenance due to proprietary diagnostic software covered by various patents and copyrights.

The reliability of the equipment is the utmost importance in our daily operation to insure our operation will not be down for any significant period of time. The proposed microwave upgrade will replace the existing microwave radio equipment on the main microwave loops to allow for the transition between the existing interface to an IP interface. The new microwave radios will provide for the existing interface to the existing equipment to remain intact while allowing for a network to be built and made operational in parallel with the current system. This will facilitate the ability to keep the existing system operational without causing any down time for the ASTRO P 25 radio system, while the microwave radio equipment is being upgraded.

Anticipated Costs and funding source:

\$1,501,000.00 for a period of four (4) years.
Operating Fund – Fund 50, Subfund 002

Schedule or Term of Contract:

Legislation is to lead to a direct award contract for the upgrade, installations and service for a period of four (4) years.

CSB Participation:

Reason for no CSB participation:

- This is a direct award contract. Sole source, proprietary product. No opportunity for subcontracting.
- ORC will utilize direct award contract with Motorola Solutions, Inc. (Motorola) to provide support for proprietary equipment and services.

Current Contract:

Vendor Name	Vendor Address	Vendor Contact	OEO Participation	Contract Number	Contract Award Amount
N/A					