MEMORANDUM

To: TARC Board of Directors

From: Ozzy Gibson, Interim Executive Director

Date: January 24, 2024

Re: Resolution 2024-01 Radio System Replacement (RFP 20231831)

In coordination with the active On-Board Intelligent Transportation System (ITS) project (RFP 20221777), the Transit Authority of River City (TARC) has an opportunity to replace its aging and obsolete two-way radio system and integrate new Motorola radio equipment with the Avail ITS as part of a combined installation process.

The current two-way radio system was originally installed in 2010 and has not been updated or upgraded. The radio manufacturer, Motorola, no longer supports the equipment currently installed on the fixed route buses, support vehicles, and in the control center. Additionally, since the models TARC currently owns are no longer manufactured, new bus preparation is consistently delayed due to the need to remove radios from retired buses for use on new buses.

The total order includes spares to mitigate the impact of any needed repairs and ensure that radio unavailability is no longer a limiting factor in the commissioning of new buses. The purchase includes 212 radios for fixed route buses, 45 radios for support vehicles, 61 portable radios, and 5 desk sets for the control center.

The on-board radio equipment will be installed on all fixed route buses by Avail Technologies concurrent with the ITS system, allowing both systems to be installed with minimal disruption to operations. The cost associated with the installation is included among the options in the updated not-to-exceed for the ITS system.

TARC benefits from being a participant in the MetroSafe communications system that serves the Louisville urban area, so the new radio equipment must be compatible with that system. TARC staff have determined that the best procurement approach is through use of a piggyback contract option through the Commonwealth of Kentucky for public safety communications products that meet the requirements of the MetroSafe system.

The Commonwealth of Kentucky public safety communications products contract is with Motorola Solutions, with ERS Wireless acting as an approved installer for control center equipment. The base cost for the radio solution includes equipment, software, programming, control center installation, spares, maintenance and licenses for years one through seven for a total of $1,360,750.45. TARC has funds for this replacement programmed in a Surface Transportation Program grant for on-board systems.

At this time, the Board of Directors is hereby requested to authorize the Interim Executive Director to enter into an agreement with Motorola Solutions with a term of seven (7) years for a new radio system at a not-to-exceed amount of $1,360,750.45.

APPROVED

Please call me at 561-5100 if you have any questions. Thank you.

APPROVED

RESOLUTION 2024-01
Radio System Replacement

A Resolution authorizing the Interim Executive Director to enter into an agreement with Motorola Solutions with a term of seven (7) years for a new radio system at a not-to-exceed amount of $1,360,750.45:

WHEREAS, TARC seeks to replace its obsolete, end-of-life two-way radio infrastructure; and

WHEREAS, TARC will coordinate this replacement with the installation of the Avail ITS system, minimizing disruption to operations and facilitating full integration; and

WHEREAS, TARC is a participant in the MetroSafe communications system that serves the Louisville urban area and uses Motorola radio equipment; and

WHEREAS, TARC staff have determined that the best procurement approach is through use of a piggyback contract option through the Commonwealth of Kentucky for Public Safety Communications Products; and

WHEREAS, Motorola Solutions has provided a fixed price proposal of $1,360,750.45 based on the terms of the contract with the Commonwealth of Kentucky; and

WHEREAS, TARC has funds programmed for this use in a Surface Transportation Program grant; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Transit Authority of River City that:

The Interim Executive Director is hereby authorized to enter into an agreement with Motorola Solutions with a term of seven (7) years for a new radio system at a not-to-exceed amount of $1,360,750.45.

ADOPTED THIS 24th DAY OF JANUARY 2024

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Ted Smith, Chair of the Board of Directors

APPROVED