

RESOLUTION NO. _____

A RESOLUTION AUTHORIZING A LICENSE RENEWAL AND UPGRADE FOR THE EXISTING JDSU E6474A CELLULAR ANALYSIS PRODUCT, IN THE AMOUNT OF ONE HUNDRED TWENTY-NINE THOUSAND SIX HUNDRED FOUR AND 82/100 DOLLARS (\$129,604.82).

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That it be and is hereby authorizing a license renewal and upgrade for the existing JDSU E6474A cellular analysis product, in the amount of \$129,604.82. The company name changed to Viavi.

This update/renewal would provide software and hardware updates allowing the performance of post analysis mapping of cellular and Wi-Fi networks and modernize the latest network capabilities offered by providers, 4G and LTE. This technology has proven instrumental in locating missing persons, homicide suspects, and other historical network analysis. This tool has provided key evidence used in multiple past and upcoming trials. This test equipment is not capable of “pinging” or locating active devices (phones); mapping the coverage, towers, sectors, and other pertinent technical factors related to existing networks.

This is the industry standard equipment utilized by the communications provider’s engineers to maintain and analyze their networks. The equipment provides the “ground truth” for expert testimony if a device could or could not have been in a particular location. The recorded evidence backs up the hypothetical maps which, by themselves, have limited value in court. These updates are a requirement in the ongoing effort to maintain the department’s technical forensic capabilities and best serve the citizens of our community.

ADOPTED: _____, 2015
/mem

City of Chattanooga

Resolution/Ordinance Request Form



Date Prepared: 10-29-15

Department: Narcotics

Ulystea Oates / Mark Hamilton

Council District #

Brief Description of Purpose for Resolution/Ordinance:

The requested license renewal and upgrade is for our existing JDSU E6474A cellular analysis product. The company name changed to Viavi.

This update/renewal would provide software and hardware updates allowing us to perform post analysis mapping of Cellular and Wi-Fi networks

and modernize us with the latest network capabilities offered by the providers, 4G and LTE. This technology has proven instrumental in locating

missing persons, homicide suspects and other historical network analysis. This tool has provided key evidence used in multiple past and upcoming trials.

This test equipment is not capable of "pinging" or locating active devices (phones); it maps the coverage, towers, sectors and other pertinent technical factors

related to existing networks. This is the industry standard equipment utilized by the communications provider's engineers to maintain and analyze their networks.

This equipment provides the "ground truth" for expert testimony if a device could or could not have been in a particular location.

The recorded evidence backs up the hypothetical maps which, by themselves have limited value in court. These updates are a requirement

in the ongoing effort to maintain the department's technical forensic capabilities and best serve the citizens of our community.

Name of Vendor/Contractor/Grant, etc.	<u>VIAMI</u>	New Contract/Project? (Yes or No)	<u>No</u>
Total project cost	\$ <u>129,604.82</u>	Funds Budgeted? (Yes or No)	<u>Yes</u>
Total City of Chattanooga Portion	\$ _____	Proposed Funding Source if not budgeted	_____
City Amount Funded	\$ _____	Grant Period (if applicable)	_____
New City Funding Required	\$ _____	Fund Name <u>Narcotics Program</u>	Fund # <u>9250</u>
City's Match Percentage	% _____	Cost Center (CC) Name <u>Narcotics Program</u>	CC# <u>H10301</u>

List all other funding sources and amount for each contributor.

<u>Amount(s)</u>	<u>Grantor(s)</u>
\$ _____	_____
\$ _____	_____

Agency Grant Number _____

CFDA Number if known _____

Other comments: (Include contingency amount, contractor, and other information useful in preparing resolution)

Approved by: _____
DESIGNATED OFFICIAL/ADMINISTRATOR

Please submit completed form to @budget, City Attorney and City Finance Officer

Revised: September, 2015