



City of Grand Forks
Staff Report

Committee of the Whole – April 27, 2020
City Council – May 4, 2020

APPROVED & ACCEPTED
by City Council

05/04/2020

Maureen Storstad
Maureen Storstad
City Auditor

Agenda Item: Mobile Video Camera System Upgrade

Submitted by: Dale Bergman, Public Transportation Division Director
Ali Rood, Mobility Manager

Staff Recommended Action: Approve the Mobile Video Camera System Purchase from Apollo Video for a total project cost of \$60,569, and budget amendments as needed.

April 27, 2020 – Committee Recommended Action:

May 4, 2020 – Council Action: Refer to City Council with the recommendation to approve.

BACKGROUND:

Cities Area Transit (CAT) has outdated video cameras on four of its thirteen fixed route buses. CAT was awarded FTA Section 5339 funding to bring the entire system up to date. The project involves replacing the cameras on four buses to match the rest of the fleet, and purchasing the updated server and software required to store and review high quality video footage. The updated cameras are 4K and provide high definition video and GPS tracking. The updated server and software will also provide diagnostic alerts and automatic download of video footage. Staff recommends approval to award the mobile video camera project to Apollo Video, and budget amendments as needed.

ANALYSIS AND FINDINGS OF FACT:

- The project will be a sole source purchase. The mobile video camera technology on the rest of CAT's fixed route fleet is from Apollo Video. It is important to be able to store and review video footage on one platform. Awarding this contract to another vendor would add substantial costs, including duplication of servers, parts on hand and maintenance training.
- The total cost of the project is \$60,569. FTA Section 5339 funds will cover \$48,000, which is approximately 79% of the total. The remaining \$12,569 (approximately 21%) will be paid out of the City's Public Transportation budget.

SUPPORT MATERIALS:

- Quotes from Apollo Video, a Luminator Technology Company



Quotation #: A-178501

Date: 4/13/2020
Payment Terms: Net 15 w/ Signed PO
Shipping Terms: FOB Origin
Sales Rep: Tony Jackson
Project Info.: Grand Forks Server

Bill to: Cities Area Transit

4867 S. 48th St.
Grand Forks ND 58201

Tel: (701) 746-2600
Fax/Email:

Line	Qty	Model	Description	Unit Price	Ext. Price
1	1	056-0003-001	Dell PowerEdge R640 Server	\$7,632.00	\$7,632.00
				Subtotal:	\$7,632.00

Please submit orders to order@luminatorusa.com. Prices and terms are guaranteed for 30 days. All prices are in US dollars. Freight charges, installation charges and taxes (if applicable) are additional and may not be included in this quotation. All returns are subject to a 20% re-stocking fee.



Quotation #: A-170256F

Date: 3/26/2020
 Payment Terms: Net 15 w/ Signed PO
 Shipping Terms: FOB Origin
 Sales Rep: Tony Jackson
 Project Info.: Grand Forks 4K Retrofit

Bill to: Cities Area Transit
 Dale Bergman
 4867 S. 48th St.
 Grand Forks ND 58201

Tel: (701) 746-2600
 Fax/Email:

Line	Qty	Model	Description	Unit Price	Ext. Price
1	4	RR-HDR4K08-2000	RoadRunner 4K Resolution 8 Camera Mobile Recorder, RsM™ Software, Accelerometer, Power Cable, Event Switch, Removable 2.0TB Hard Disk Drive	\$4,571.00	\$18,284.00
2	4	RR-HDW4K	Embedded WiFi for RoadRunner 4K, Includes 3-in-1 Antenna w/ GPS	\$339.00	\$1,356.00
3	4	RR-XCFG	Wireless LAN A/P or Bridge Configuration (Cost is per unit configured)	\$39.00	\$156.00
4	4	RR-HDCF1	RoadRunner HD Camera - Forward-Facing Color Interior High Definition, Day/Night, Varifocal Lens Camera w/ Mount	\$637.00	\$2,548.00
5	22	RR-HDCTDIRA100	RoadRunner HD Camera - Vandal Resistant, IP Addressable, Tapered Color Dome w/ IR Illumination & Audio Recording, 101 x 61	\$356.00	\$7,832.00
6	5	RR-HDCW1-CS	RoadRunner HD Camera - Vandal Resistant, Exterior High Definition IP Addressable, Varifocal Color Wedge, Curbside Orientation	\$373.00	\$1,865.00
7	5	RR-HDCW1-SS	RoadRunner HD Camera - Vandal Resistant, Exterior High Definition IP Addressable, Varifocal Color Wedge, Street Side Orientation	\$373.00	\$1,865.00
8	36	RR-HDICCA65	RoadRunner HD Interface Camera Cables, Video, Power and Audio, 65'	\$30.00	\$1,080.00
9	4	RR-HDAGPS	RoadRunner HD Antenna, GPS (Utilizes internal receiver)	\$84.00	\$336.00
10	1	RR-HDHDA	RoadRunner HD Drive Adapter	\$128.00	\$128.00
11	1	mSET	mSET Base Software Single-Server License w/ Custom Clip Request Utility for Unlimited Vehicles (Includes 3-Years of Software Maintenance)	\$5,098.00	\$5,098.00
12	1	mSET-H	mSET Software, Health Single-Server License (Includes 3-Years of Software Maintenance)	\$5,098.00	\$5,098.00
13	11	mSET-H-L	mSET Software, Health Single-Vehicle License	\$253.00	\$2,783.00
14	4	Service Installation	Installation of listed system	\$1,052.00	\$4,208.00
15	1	Service Installation Fee	Deployment fee & travel expenses	\$1,300.00	\$1,300.00
16	4	Additional Line Item Credit	Credit for return of existing MR systems	(\$250.00)	(\$1,000.00)
				Subtotal:	\$52,937.00

*Credit to be issued upon receipt of used systems. All returns require a Return Authorization (RA) number. Contact tech@apollovideo.com or toll-free: 888.288.8721 for authorization. Requires same quantity purchase of RoadRunner DVR system - return systems must be received within 60 days of purchase to be eligible for return credit.

The RoadRunner system includes:

- Standard 2-Year warranty for all components (extended warranty options are available upon request)
- Unlimited technical support at no additional charge
- License-free RsM™ (RoadRunner Secure Management) Software with lifetime updates at no additional charge

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