



February 4, 2015

TO: Village Board of Trustees

THROUGH: Scott Niehaus, Village Manager

FROM: Carl Goldsmith, Director of Public Works *CG*
Roy Newton, Deputy Police Chief

SUBJECT: Commuter Operations Surveillance System

Background

The Village of Lombard has partnered with the Union Pacific Railroad and Metra for the construction of a pedestrian underpass to serve the commuter facility. The Village Board had previously budgeted \$294,000 in the 2015 Capital Improvements Plan for upgrades to the tunnel facility that were not going to be funded by Metra or the Union Pacific. I have provided a breakdown of the funding commitment below. These items were included as Alternate No. 1 on the bids opened by Metra on January 7, 2014.

Item No.	Alternate No. 1 Description	Unit	Quantity	Unit Cost	Total
1	Underpass Cast stone pilasters	Each	14	\$2,500.00	\$35,000.00
2	Underpass Cast bronze medallion	Each	14	\$1,000.00	\$14,000.00
3	Underpass anodized alum. linear ceiling	Sq. Ft.	550	\$48.00	\$26,400.00
4	Underpass anodized alum. ceiling band and soffit	Sq. Ft.	300	\$72.00	\$21,600.00
5	Underpass galv. Steel railing upgrade-posts, barrier bars	Ft.	120	\$180.00	\$21,600.00
6	Underpass concrete kneewall	CY	8	\$4,300.00	\$34,400.00
7	Color concrete floor	Sq. Ft.	640	\$17.00	\$10,880.00
8	Underpass miscellaneous steel attachments	LB	600	\$11.00	\$6,600.00
9	LED tape light-underpass cove	Lin Ft.	120	\$98.00	\$11,760.00
10	Vandal-resistant, outdoor, 1 mpx, wdr, dome type camera	Each	32	\$1350.00	\$43,200.00
11	Installation of camera and homerun CAT6 wiring in conduit	Lin Ft.	2,830	\$19.00	\$53,770.00
12	2" PVC conduit with pull string	Lin Ft.	130	\$5.00	\$650.00
13	2" RGS conduit with pull string	Lin Ft.	220	\$11.00	\$2,420.00
14	Enable-IT 868 PoE+Single Pair Ethernet Extender Kit	Each	9	\$950.00	\$8,550.00
15	24"x24" conc. handhole	Each	1	\$2,150.00	\$2,150.00
16	NEMA 3R Stainless steel enclosure, UL Listed, brushed finish	Each	2	\$1,000.00	\$2,000.00
Total					\$294,980.00

The Village formalized its commitment to these improvements in a letter dated February 28, 2014. Since that time, the Village has been involved in the ongoing construction activity with the UPRR, Metra and the contractor. Through discussions, it was determined that the Village and the contractor both included funds in the budget for the security system improvements. As the security system is tied into the current police system, the parties agreed that the Village would procure the cameras and installation directly through its vendor and take a credit on the obligation to the project. From the table above, the Village would receive a credit for items 10, 11 and 14 in the amount of \$105,520. In turn the Village would be responsible for the direct expenses from its vendor.

The Village has had a long standing relationship with Closed Circuit Innovations for the provision of security system and closed caption systems. The system that has been developed by Closed Circuit Innovations has been designed to meet the specific needs of the Lombard Police Department and the Village has been satisfied with the components, as well as the maintenance of the systems. The Village uses Closed Circuit Innovations for the surveillance at all of the Village facilities, including the existing camera systems at the commuter facilities. The Village received a proposal for the purchase and installation of the camera system for the underpass areas. The plans for the security system, which were developing by the village in conjunction with Metra, includes 34 high definition cameras, 3 servers, wiring, and network support. The cost for the system improvements is \$101,895.00. Through this procurement process, the Village will contract with Closed Circuit Innovations for the cameras in the amount of \$101,895 and receive a credit from Metra in the amount of \$105,520.

The Village staff is recommending that the Village Board of Trustees waive the competitive bidding process and accept a proposal from Closed Circuit Innovation for the camera system upgrades. This purchase would be made in accordance with Chapter 3 of the Lombard Purchasing Manual, which states the following.

“C. Sole Source Purchases

Contracts for parts, supplies, equipment or services that are available only from a single source are referred to as sole source purchases. Sole source procurements may arise from the following circumstances:

- 1. Equipment for which there is no comparable competitive product or is available only from one supplier*
- 2. Public utility services from natural or regulated monopolies*
- 3. A component or replacement part for which there is no commercially available substitute and which can be obtained only from the manufacturer*
- 4. An item where compatibility is the overriding consideration, such as computer software*
- 5. A used item, for example, a television transmitter tower, that becomes immediately available and is subject to prior sale.*

These items shall not be subject to requirements for seeking competitive quotes or bids. However, purchases in excess of \$20,000 shall be presented to the Village Board prior to

acquisition with a request to waive bids, approve the purchase and enter into a formal contract."

The proposal includes the first year of maintenance on the system. The Village will need to allocate funds in future years to support the cost of the maintenance agreement. Due to the manufacturing of the components, the Village is seeking to expedite the purchase to ensure that the Metra Underpass Project is not delayed on account of the camera system. Metra's contractor will be installing all necessary conduits for the camera system.

Recommendation

The Village staff recommends that the Village President and Board of accept a proposal from Closed Circuit Innovations in the amount of \$101,895 for the purchase and installation of security system enhancements for the Metra Commuter Facility.

Closed Circuit Innovations Inc.

Proposal

Closed Circuit Innovations Inc.
 P.O. Box 2784
 Naperville, IL 60567

Date
1/19/2015

Village of Lombard 235 E. Wilson Ave. Lombard, IL 60148

Estimate #
MetLombard

Description	Qty	Rate
IVACS Digital Video Open Architecture Enterprise SQL Server - 16 camera high speed video full frame rate capture - Intel I series processor - 2 weeks of digital video storage with expandability - Encrypted video format (Law Enforcement Grade) - Windows 7 Operating System - Network transmit/receive - CD/DVD burner and software - Audio expandability - Unlimited remote network client encrypted software installed by CCI - Keyboard / mouse / 17" LED with a KVM for the two additional servers - Recording resolution 1080p HD - Integrated video/ photo enhancement software - UPS battery back up	3	9,800.00
IVACS OEM High Definition Day/Night - High speed frame rate - Visibility Enhancer / XDNR Technology - Extreme low 0 lux IR integrated lights with 15 meter effective range - 3 ~ 9mm auto-iris lens - Extreme vandal indoor / outdoor rated - SDK software compressor -----(((((\$300)))) - Video compression MPEG4 / MJPEG / H.264 triple stream	34	1,400.00
- Custom mounting hardware for cameras specified by METRA - Three (3) high speed networks for video camera communication which is necessary for the new full motion HD camera technology - Wire and associated hardware connections	1	11,300.00

Subtotal
Sales Tax (0.0%)
Total

Thank you for the business.

Customer Signature

Phone #	Fax #	E-mail	Web Site

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Estimate #
MetLombard

Description	Qty	Rate
IVACS Digital City High Definition remote viewing station for POLICE dept. front reception - 32 LED display with wall mount - IVACS remote server - 24 CAMERA VIEW ENTERPRISE REMOTE SOFTWARE	2	4,800.00
Labor *Install/Terminate Wire *Install / Calibrate / Adjust Cameras *Build / Program / Install Digital Video Server *Calibrate Software to Customers Needs *Train Customer	1	3,995.00

Thank you for the business.	Subtotal
	Sales Tax (0.0%)
	Total

Customer Signature

Phone #	Fax #	E-mail	Web Site

Closed Circuit Innovations Inc.

Proposal

Closed Circuit Innovations Inc.
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Naperville, IL 60567

Date
1/19/2015

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Estimate #
MetLombard

Description	Qty	Rate
5 Year Onsite Service Agreement Includes: Software Upgrades/Installation -- Repair Parts/Labor -- Adjustment/Lens Cleaning when customer requests. (These Services guaranteed to have NO LABOR charges associated with them.) Agreement will NOT cover vandalism, customer damage, and 'Acts of Nature' Signature Required X _____ Print Name / Title X _____ Per Year Rate of \$6300 for the year of 2015 and \$7400 per year every year after 2016, 2017, 2018, 2019. Deposit \$50,000.00 Balance of \$51,895.00 upon completion	1	0.00
		0.00
		0.00

Thank you for the business.	Subtotal	\$101,895.00
	Sales Tax (0.0%)	\$0.00
	Total	\$101,895.00

Customer Signature

Phone #	Fax #	E-mail	Web Site