



CITY of NOVI CITY COUNCIL

**Agenda Item E
April 20, 2015**

SUBJECT: Approval to award contract to BlueWater Technologies in the amount of \$31,163.34 through the U.S. General Services Administration (GSA) contract for the upgrade to the Emergency Operation Center within Fire Station #4.

SUBMITTING DEPARTMENT: Public Safety - Fire *jen*

CITY MANAGER APPROVAL: *FA*

EXPENDITURE REQUIRED	\$31,163.34
AMOUNT BUDGETED	\$35,000 via 3rd Qtr BAR
APPROPRIATION REQUIRED	N/A
LINE ITEM NUMBER	101-337.00-986.000

BACKGROUND INFORMATION:

Included in the 2014-15 adopted budget was \$18K to fund upgrades to the technology for the backup Emergency Operations Center (EOC) at the Fire Station #4 Training Center. The training center at Fire Station #4 serves as the City's EOC backup facility and a critical training facility for staff, citizens and local agencies. The training center room usage continues to increase. The facility currently houses outdated equipment. The scope of the project was to mirror the Police Department's EOC located in the Training Center that includes television monitors, overhead projector, equipment connections and supplies.

In order to mirror the primary EOC it was determined that the initial cost estimate for the Fire Department project would require a crucial piece of equipment uniquely needed to connect the video conference system and all the other components. The extra equipment will allow the overhead projector, video conferencing system and all three television monitors to be interoperable and run simultaneously or independent of each other in the event of an emergency. Once the project is completed the backup EOC at Fire Station #4 Training Center will be fully functional like the Police Department EOC.

The Public Safety Administration was able to find available funding within the Fire Department budget to cover the additional requirements of this project. A Budget Amendment Request has been submitted to reallocate the funds between general ledger accounts.

RECOMMENDED ACTION: Approval to award contract to BlueWater Technologies in the amount of \$31,163.34 through the U.S. General Services Administration (GSA) contract for the upgrade to the Emergency Operation Center within Fire Station #4.

	1	2	Y	N
Mayor Gatt				
Mayor Pro Tem Staudt				
Council Member Casey				
Council Member Markham				

	1	2	Y	N
Council Member Mutch				
Council Member Poupard				
Council Member Wrobel				


**CITY OF NOVI
Budget Amendment Request (BAR) Form**

Brief Description of Requested Item (Include justification, reallocation of funds if applicable, etc.):

To transfer funds between accounts to fund the Upgrades to the Fire Station #4 Training Center and Backup EOC Project. This was an approved SIP for 2014-15.

Please include account number for amendment, as well as the offsetting account number (funding source). If you do not know the account number, please provide the description.

<u>Account No.</u>	<u>Line Item Description</u>	<u>Amount</u>
101-337.00-986.000	Internal Technology - Capital Outlay	\$35,000
101-337.00-882.300	Paid-On-Call Recruitment	(\$5,000)
101-337.00.956.000	Conferences and Training	(\$15,000)
101-337.00-850.000	Internal Technology	(\$15,000)
101-228.00-850.337	Internal Technology - Fire	(\$15,000)
101-228.00-850.998	Internal Technology - Contra	\$15,000
		\$ - 0

Director/Dept. Head Requesting:  Date: MARCH 31, 2015

Finance Department Review: _____

Manager's Office Approval: _____

Cauchi, Patricia

From: Dorey, Jessica
Sent: Tuesday, March 31, 2015 8:28 AM
To: Cauchi, Patricia
Cc: Petty, Robert
Subject: FW: Fire Department - Net Zero Budget Request

Pat, the request below should be a BAR....I put my recommendation here (sorry for the delay been super busy with budget...thanks for your patience!):

101-337.00-986.000	Internal Technology – Capital Outlay	\$35,000
101-337.00-882.300	Paid-on-Call Recruitment	(\$5,000)
101-337.00-956.000	Conferences/Training	(\$15,000)
101-337.00-850.000	Internal Technology	(\$15,000)
101-228.00-850.337	Internal Technology-Fire	(\$15,000)
101-228.00-850.998	Internal Technology-Contra	\$15,000

To fund FS#4 Training Center and EOC upgrades:

The budget for the project is \$35K - \$15K already set aside in 101-228.00-850.337. Remaining \$20K will come from the following accounts:

101-228.00-850.337 – Internal Technology - \$20,000
101-337.00-882.300-Paid-on-Call Recruitment – (\$5,000)
101-337.00-956.000-Conferences/Training – (\$15,000)

Thank you.

Pat



Pat Cauchi | Public Safety Budget Analyst, Novi Police Department
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City of Novi



Fire Station 4 Display Additions v2

Prepared On: February 2nd, 2015

By: Rob Ring

Phone: (800) 344-6575

Email Address: rring@bluewatertech.com

Statement of Warranty

BlueWater Technologies will provide a one year installation warranty from the date of completion. BlueWater will provide material and labor during this one-year warranty period in the event of any qualified installation workmanship issues. This coverage includes mounting applications, wire terminations, wall plate/tabletop termination, etc. BlueWater will also cover the labor needed to service any of the installed systems equipment/functionality for a period of 90 days. Coverage will commence when we have received a signed and dated Certification of Completion form for the project.

Equipment Covered (90 day coverage)

- All BlueWater supplied equipment detailed in proposal

Exceptions / Exclusions:

- Any consumables such as lamps, filters, disc, etc.
- Any damage or repair required due to end user misuse, abuse, user error or damage by other contractor's
- Any related causes by force majeure (acts of God)

Optional Extended Service and Maintenance Warranties are available through your BlueWater Technologies representative.

Scope of Work

Fire Station 4 Display Additions

OVERVIEW –

BlueWater Technologies (BWT) will provide three 65" LCD monitors with wall-mounts and will provide and install a new digital switching system for the existing sources.

VIDEO –

BWT will provide three wall mounted 65" LCD monitors in the room. BWT will also provide and install a digital switching system to switch video signals to the three new monitors as well as an existing videoconference system and the existing ceiling-mounted projectors.

Inputs into the system will be a HDMI connection at the existing podium, an existing dedicated PC in podium with HDMI output, a quantity of 2 existing DVD/VCR players, an existing document camera, an existing videoconference system, and an AppleTV receiver. All of these inputs, including the videoconference system, are locally mounted in the podium. The podium contains an equipment rack.

Switching will all be done via AMX Enova DVX all-in-one presentation switchers. The Enova DVX-3150HD 10x4 All-In-One Presentation Switcher is a single, unified audio, video, and control device that replaces the need for numerous individual components and eliminates the integration and reliability challenges that accompany them. The compact 3U Presentation Switcher integrates a variety of different functionality, such as a scaler, analog to digital signal converter, twisted pair transmitter and amplifier with built-in professional grade audio processing into a single box. With AMX-exclusive features, the DVX-3150HD is a simple to install, flexible solution, perfectly suited for large and complex conference rooms, classrooms and auditoriums.

AUDIO –

All audio signals will be switched by the presentation switcher and be sent to the existing audio system installed in the room.

CONTROL –

BWT will program the new controller built into the presentation switcher to control the existing wireless controller. The following functions will be controlled by the system:

- Displays On/Off

- Source select
- Volume level control
- Control of the Tandberg Videoconference System
- Control of the 2 DVD/VCR players
- PTZ control of the camera.

EQUIPMENT/RACK –

The existing equipment rack built into the podium will be reused to install the new presentation switcher.

RESPONSIBILITIES –

The City of Novi will be responsible for installing the displays as well as adding network and power as directed by BlueWater Technologies. All existing equipment that will be reused for BWT's installation is assumed to be in good working condition. If repairs or replacements are necessary, the customer is responsible. The City of Novi is responsible for providing the shielded CAT6a cabling and the labor to pull it to the location necessary. A 25' plenum rated HDMI will be provided for the customer to install from the rack to the nearest monitor.

Project Pricing

Fire Station 4 Display Additions

Qty	Description	Unit Price	Extended Price
Display			
1.00	Owner Furnished Hitachi CP-WX8255A Projector w/Ceiling Mount	\$0.00	\$0.00
1.00	Owner Furnished Just Add Power 2H HD Extender for HDMI	\$0.00	\$0.00
1.00	6' MICRO HI SPEED HDMI CABLE	\$25.00	\$25.00
3.00	65" LED LCD Public Display Monitor w/built in ATSC tuner, 1920x1080 (FHD) native resolution, RS-232	\$2,917.50	\$8,752.50
3.00	LARGE, HEIGHT ADJUSTABLE, TILT MOUNT	\$220.81	\$662.43
2.00	AVB-RX-DXLINK-HDMI	\$968.75	\$1,937.50
3.00	6' MICRO HI SPEED HDMI CABLE	\$25.00	\$75.00
1.00	Pro AV/IT Series High Speed HDMI 24 AWG with ProGrip, SureLength, CL2P Cable 25ft	\$93.75	\$93.75
Sources			
1.00	Owner Furnished PC in Podium	\$0.00	\$0.00
1.00	Owner Furnished DVD/VCR Combo Deck	\$0.00	\$0.00
1.00	Owner Furnished Document Camera	\$0.00	\$0.00
1.00	Owner Furnished Tandberg 880	\$0.00	\$0.00
1.00	Owner Furnished AppleTV	\$0.00	\$0.00
3.00	SY DVIAM-RGBHVF -DVI to 5-BNC Adapter Cable: DVI-A Male to Five BNC Female - 6" (15 cm)	\$31.25	\$93.75
1.00	DVIAM-VGAF -DVI to VGA Adapter: DVI-A Male to 15-pin HD Female	\$20.00	\$20.00
2.00	6' MICRO HI SPEED HDMI CABLE	\$25.00	\$50.00
1.00	MicroFlex Pro AV/IT Series High Speed HDMI Cable with ProGrip Jet Black 9ft	\$31.25	\$31.25
Switching			
4.00	1 SPACE (1 3/4") RACKSHELF	\$32.74	\$130.96
1.00	10 X 4 ALL IN ONE PRESENTATION SWITCHER	\$7,437.50	\$7,437.50
1.00	AVB-TX-MULTI-DXLINK Multi Format Transmitter	\$812.50	\$812.50
Audio			
1.00	Owner Furnished Speaker and Amplification System	\$0.00	\$0.00
Control			
1.00	Owner Furnished Wireless Control Panel	\$0.00	\$0.00

	w/Power Supplies and Transmitter		
	Misc. & Integration Labor		
1.00	Installation Supplies	\$471.30	\$471.30
1.00	Engineering, Programming & Integration	\$9,880.00	\$9,880.00
1.00	Shipping Charges	\$689.90	\$689.90

Quote Subtotal: \$31,163.34

Quote Tax: \$0.00

Quote Total: \$31,163.34

Replacement Screen

Qty	Description	Unit Price	Extended Price
	Screen Replacement		
1.00	MODEL C W/CSR 123D 65X104 MW	\$369.00	\$369.00
1.00	#6 WALL BRACKET WHITE	\$10.00	\$10.00
	Misc. & Integration Labor		
1.00	Installation Supplies	\$91.78	\$91.78
1.00	Engineering, PM & Integration	\$785.00	\$785.00
1.00	Shipping Charges	\$29.00	\$29.00

Quote Subtotal: \$1,284.78

Quote Tax: \$0.00

Quote Total: \$1,284.78

Terms & Conditions

- All equipment specification, design and drawings are proprietary to BlueWater Technologies, exclusive to the named client and are not for distribution.
- All requested changes to the final proposal must be approved in writing by the BlueWater Technologies Account Executive and will be added to the final invoice.
- Scheduling changes caused by the client or client's contractor will result in add charges including demobilization remobilization and expediting fees. Hours quoted on accompanying proposals are based strictly on work being continuous and uninterrupted from project commencement through completion. Any scheduling conflicts/room availability that result in work stoppage will be billed for hours lost and added to the final invoice to the customer.
- BlueWater is not responsible for condition and functionality of Client's existing audio/visual system components. Any malfunctioning equipment, not specifically provided by BlueWater through this project, is the sole responsibility of Client.
- When applicable, client is responsible for providing sufficient and adequate bandwidth for video conferencing communication between all offices. Client is also responsible for configuration of network and firewall settings for transmitting and receiving audio and video over the IP network as necessary.
- Client is responsible for the replacement of all consumable components.
- Cancellation of ordered or shipped product will result in a 25% restocking fee and is subject to manufacturer rules and regulations pertaining to return items. Client is responsible for all freight to return any and all returned items. Custom items, special order items or product delivered over 60 days ago cannot be canceled and cannot be returned.
- Any architectural, electrical, structural, or mechanical costs are not the responsibility of Bluewater Technologies. Our installation technicians may perform a site survey with the facilities manager to coordinate these trades within the scope of project. Client will need to provide electrical power and network connectivity to the areas required.

- Sales Tax and all other applicable taxes are the responsibility of the purchasers and will be charged unless purchaser provides the appropriate Exemption certificate or Resellers certificate.
- BlueWater reserves the right to use client name/logo and project details in company marketing materials (including, but not limited to, brochures, website content, presentations and case studies) unless explicit written objection provided by client.
- System programming for this project is deemed complete upon sign-off by site manager, approval of project manager, or the passing of 14 days without a customer punch list item related to programming.
- Payment terms are 50% down, 40% upon equipment delivery, and 10% upon punch list sign off.
- If project timeline is extended more than 30 days, Bluewater reserves the right to invoice client for product procured by Bluewater. Client agrees to pay invoice within 30 days.
- This quote is valid for 30 days from date of issue.

The undersigned hereby agrees that the proposed operation of the system, scope of job, equipment location, and the terms and conditions, as described above, is concurrent with requirements defined between BlueWater Technologies and Client. Any additional requirements, requests, or changes made by Client or any representative thereof, that alters the above agreed upon job scope in any way, must be supplied in writing and may incur additional charges by BlueWater Technologies.

Quote#: 65232 Display Additions \$31,163.34
Quote#: 65994 Screen Replacement \$1,284.78

Approved By:

Name: _____

Signature: _____

Title: _____

Date: _____