

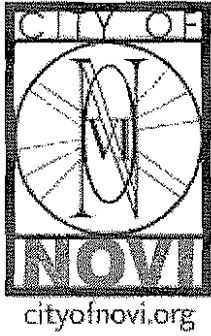
**BUDGET AMENDMENT #2010-1
RESOLUTION**

NOW, THEREFORE BE IT RESOLVED that the following Budget Amendment #2010-1 is authorized:

	<u>INCREASE (DECREASE)</u>
GENERAL FUND	
REVENUE	
Appropriation of Fund Balance	<u>\$ 20,000</u>
APPROPRIATIONS	
FIRE DEPARTMENT	
Other Services & Charges (Opticom)	<u>\$ 20,000</u>
MUNICIPAL STREET FUND	
REVENUE	
Appropriation of Fund Balance	<u>\$ 298,800</u>
APPROPRIATIONS	
Construction (RCOC Street lighting GR/Beck; RCOC Novi Rd-GR to 12 Mile)	<u>\$ 298,800</u>
FORFEITURE FUNDS	
REVENUE	
Appropriation of Fund Balance	<u>\$ 24,000</u>
APPROPRIATIONS	
Other Services & Charges (Emergency Communication Service-Dialogic)	<u>\$ 24,000</u>

I hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council of the City of Novi at a regular meeting held on July 6, 2009

**Maryanne Cornelius
City Clerk**



MEMORANDUM

TO: KATHY SMITH-ROY, FINANCE DIRECTOR
FROM: FRANK A. SMITH, FIRE CHIEF
SUBJECT: BUDGET AMENDMENT
DATE: JUNE 30, 2009

The Fire Department requests a budget amendment to complete the current Opticom projects at two intersections. As you recall, this is remote control of traffic lights by emergency fire vehicles. The amendment would include:

Opticom equipment	\$8,013
Installation (Grand River and Beck)	\$6,701
Installation (Grand River and Meadowbrook)	\$4,609



CARRIER & GABLE, INC.

24110 Research Drive
Farmington Hills, MI 48335
(248) 477-8700 (248) 473-0730 • FAX

www.carriergable.com

QUOTATION

Sales Quote Number 11723

Sales Quote Date: 03/30/09

Expires On:

Page: 1

Sell To: NOVI, CITY OF
JEFF JOHNSON
45175 W. TEN MILE
NOVI, MI 48375

Ship To: NOVI, CITY OF
45175 W. TEN MILE
NOVI, MI 48375

Quote/Bid Ref: OPTICOM
Shipment Within
Shipping Terms
Terms NET 30 DAYS

Customer ID 1830
Salesperson Frank Carrier

ALL VALUES STATED IN U.S. DOLLARS

Item No.	Description	Cross-Ref. No.	Qty.	Unit Price	Total Price
	BECK @ GRAND RIVER MEADOWBROOK @ GRAND RIVER				
151-0752	PHASE SELECTOR, 2 CH 752		2	1,876.00	3,752.00
151-0760	CARD RACK, W/ P1 HARNESS 760		2	180.00	360.00
151-0757	HARNESS, GREEN SEN AUX DET. 757		2	62.00	124.00
151-0521	DETECTOR, MDL 721, 1 CH., 2 DIR		6	487.00	2,922.00
151-0138	CABLE, OPTICOM MDL 138 (500 FT ROLL)		1,500	0.45	675.00
	FOR MAST ARM MOUNT:				
103-7495	MINI-BRAC FOR OPTICOM SENSOR MOUNT		4	39.00	156.00
	FOR SPAN WIRE MOUNT:				
103-0500	SPAN CLAMP, OPTICOM DETECTOR		2	12.00	24.00

Amt Subject to Sales Tax 0.00
Amt Exmt from Sales Tax 8,013.00

Subtotal: 8,013.00
Total Sales Tax: 0.00
Total: 8,013.00

ROAD COMMISSION FOR OAKLAND COUNTY COST ESTIMATE FOR
OPTICOM INSTALLATION AT
Grand River and Beck

ESTIMATED BY: D. Deneau

DATE: April 22, 2009

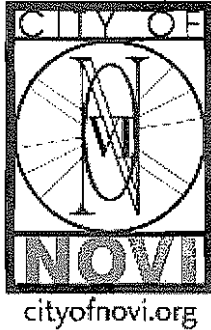
MATERIALS:	QTY.	UNIT	UNIT PRICE	TOTAL
CABLE:				
OPTICOM CABLE	1000	FEET	\$0.50	\$500.00
MISCELLANEOUS MATERIALS				\$100.00
SUBTOTAL:				\$600.00
MATERIAL HANDLING:			10%	\$60.00
TOTAL MATERIALS:				\$660.00
LABOR:	#MEN	#HRS	RATE	TOTAL
ELECTRICIANS	2	24	\$25.00	\$1,200.00
LABORERS	1	12	\$23.00	\$276.00
INSPECTION			\$26.00	\$0.00
ENGINEERING & SUPERVISION				\$256.00
DESIGN				\$0.00
SUBTOTAL:				\$1,732.00
FRINGE BENEFITS:			106%	\$1,835.92
TOTAL LABOR:				\$3,567.92
EQUIPMENT RENTAL:		#HRS	RATE	TOTAL
BOOM TRUCK		24	\$45.00	\$1,080.00
FOLLOW TRUCK		12	\$35.00	\$420.00
TOTAL EQUIPMENT RENTAL:				\$1,500.00
SUBTOTAL:				\$5,727.92
ADMINISTRATIVE OVERHEAD:			17%	\$973.75
TOTAL ESTIMATED COST:				\$6,701.67

ROAD COMMISSION FOR OAKLAND COUNTY COST ESTIMATE FOR
OPTICOM INSTALLATION AT
Grand River and Meadowbrook

ESTIMATED BY: D. Deneau

DATE: April 22, 2009

MATERIALS:	QTY.	UNIT	UNIT PRICE	TOTAL
CABLE:				
OPTICOM CABLE	500	FEET	\$0.50	\$250.00
MISCELLANEOUS MATERIALS				\$100.00
SUBTOTAL:				\$350.00
MATERIAL HANDLING:			10%	\$35.00
TOTAL MATERIALS:				\$385.00
LABOR:	#MEN	#HRS	RATE	TOTAL
ELECTRICIANS	2	16	\$25.00	\$800.00
LABORERS	1	8	\$23.00	\$184.00
INSPECTION			\$26.00	\$0.00
ENGINEERING & SUPERVISION				\$256.00
DESIGN				\$0.00
SUBTOTAL:				\$1,240.00
FRINGE BENEFITS:			106%	\$1,314.40
TOTAL LABOR:				\$2,554.40
EQUIPMENT RENTAL:		#HRS	RATE	TOTAL
BOOM TRUCK		16	\$45.00	\$720.00
FOLLOW TRUCK		8	\$35.00	\$280.00
TOTAL EQUIPMENT RENTAL:				\$1,000.00
SUBTOTAL:				\$3,939.40
ADMINISTRATIVE OVERHEAD:			17%	\$669.70
TOTAL ESTIMATED COST:				\$4,609.10



MEMORANDUM

TO: ROB HAYES, P.E.; DPS DIRECTOR/CITY ENGINEER *RH*
FROM: BRIAN COBURN, P.E.; SENIOR CIVIL ENGINEER *BC*
SUBJECT: STREET LIGHTING AT GRAND RIVER AND BECK
DATE: JUNE 29, 2009

We have reviewed the available options for providing street lighting at the intersection of Grand River Avenue and Beck Road. Ideally, we would prefer that the street lighting be installed on the existing mast arms. We have discussed this option with DTE Energy and the Road Commission for Oakland County (RCOC) and unfortunately DTE is unable to use the mast arms to install the lighting. RCOC has advised us that the existing signal conduits at the intersection were not designed to allow the feeds for street lighting. The signal was originally installed by MDOT as part of the Beck Road/I-96 interchange project.

The only feasible option is to install the street lighting outside of the existing mast arms using an existing utility pole and two new decorative poles. The attached sketch was prepared for the purpose of providing an estimate and provides more detail about the installation. The attached quotation refers to option A which is the installation of two decorative street lights on an existing utility pole on the southwest corner and option B which includes the installation of two new decorative poles on the northeast corner. The existing utility pole is being utilized on the southwest corner because there is limited right-of-way available for new poles at that corner and the lights can be fed from the existing electrical lines on the pole. Two poles are required on the northeast corner to provide adequate illumination for the wide angle of the skewed intersection. I have provided photos of the intersection for your reference.

Both options can be installed by DTE for a cost of \$8,221. The annual maintenance costs for both options would be \$1,525.26.

We request that this item be added to the first budget amendment for FY2009-10. We can then place the order with DTE for the installation.



Existing wood pole on SW corner to be used for street lighting



View of NE corner where two additional decorative poles would be installed.



March 10, 2009

City of Novi
Brian Coburn
City engineering Department
45175 West Ten Mile Road
Novi, Michigan 48375

Re: Beck Road and Grand River Ave
New Street Lighting Installation

Option: A

We have completed our review of your request for proposed lighting; I have prepared a cost estimate for the installation of two lights on Beck Road and Grand River Ave. We are recommending the installation of two 400-watt metal halide lights. The style is the standard Esplanade head fixture which will be installed on one existing wood pole, with overhead conductors on the south side of Grand River Ave west of Beck Road.

The costs are based on the Edison Option 1 rate, where Detroit Edison installs, owns, and maintains the lighting system. The rate requires a portion of the construction cost be paid by the customer, which is determined by the following formula.

Beck Road and Grand River Ave - 2 FIXTURES

Cost to construct	\$3,044.00
Minus 3yrs revenue ($\$291.29 \times 3 \times 2$)	\$1,748.00
Contribution from City	\$1296.00
Annual operating cost	\$582.58

Option: B

We are recommending the installation of two 400-watt metal halide underground ornamental streetlights. The proposed style is the standard Esplanade head fixture and are mounted on two new 30-foot fiberglass posts, which one will be installed on the north side of Grand River Ave east of Beck Road, the second on east side of Beck Road north of Grand River Ave. Please see attached sketch.

Beck Road and Grand River Ave - 2 FIXTURES 2 POSTS

Cost to construct	\$9,753.00
Minus 3yrs revenue (\$471.34x3x2)	\$2,828.00
Contribution from City	\$6,925.00
Annual operating cost	\$942.68

The price quoted herein shall be in effect for period of six months from the date hereof. After installation the total cost for additional modification, relocation or removal will be the responsibility of requesting party. We are recommending that both option A and B be installed for lighting this intersection.

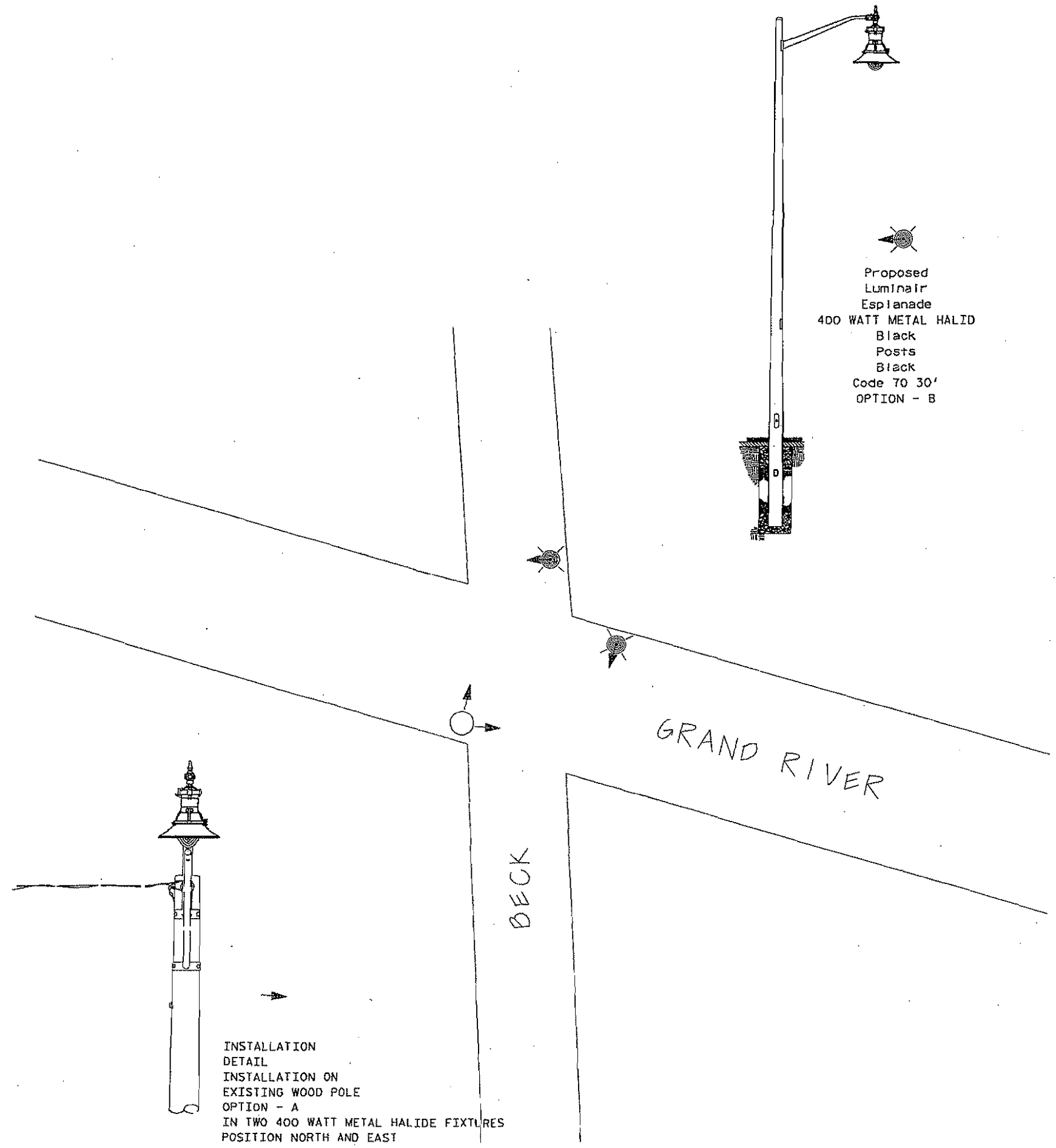
Please provide me with a letter of authorization and we will provide an Agreement for Municipal Street Lighting if you would like us to proceed with the installation.

Please feel free to call me on 734-397-4174 should you have any questions.
FAX number is 734-397-4284.

Sincerely,

Greg Tchozewski

Greg Tchozewski
Account Representative
Outdoor Lighting



Proposed
Luminaire
Esplanade
400 WATT METAL HALIDE
Black
Posts
Black
Code 70 30'
OPTION - B

INSTALLATION
DETAIL
INSTALLATION ON
EXISTING WOOD POLE
OPTION - A
IN TWO 400 WATT METAL HALIDE FIXTURES
POSITION NORTH AND EAST

CITY OF NOVI
Budget Amendment Request (BAR) Form

Brief Description of Requested Item (include justification, reallocation of funds if applicable, etc.):
Enter three-year lease with Dialogic for an internet based emergency notification system utilizing the current mapping information that is used and verified by the City of Novi GIS manger.

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>
266-266.00-851.200	Emergency Communication Service Federal Forfeiture Funds	23,795
		<u>\$ 23,795</u>

Director/Dept. Head Requesting: *Pat Cauchi / chief Malloy*

Finance Department Review: *Bucky Arnold* by: *Becky Arnold* see email

Manager's Office Approval:

Arold, Becky

From: Cauchi, Patricia
Sent: Wednesday, June 24, 2009 10:50 AM
To: Smith-Roy, Kathy; Arold, Becky
Cc: Molloy, David; Lindberg, Tom; Antil, Pam; Pearson, Clay
Subject: Budget Amendment Request - Dialogic - Forfeiture Funds
Attachments: Budget Amendment - Dialogic.pdf; Budget Amendment Request - Dialogic Lease.xls

Kathy & Becky,

Attached is a memo from Chief Molloy and a Budget Amendment Request explaining the need to enter into a lease with Dialogic for an emergency upgrade to an internet based system for the City's emergency notification system. Please contact me should you need any further information in order to expedite this request. Thank you.

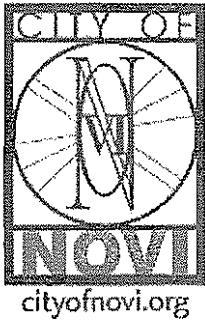
Pat

Patricia Cauchi
Analyst Planner
Novi Police Department
45125 W 10 Mile Road
Novi, MI 48375

248.347.0502 Phone
248.347.0590 Fax

www.cityofnovi.org

MEMORANDUM



TO: KATHY SMITH-ROY, FINANCE DIRECTOR
FROM: DAVID E. MOLLOY, CHIEF OF POLICE *DEM*
SUBJECT: BUDGET AMENDMENT - DIALOGIC LEASE
DATE: JUNE 24, 2009

In the late 1990's a need was identified to have the means to quickly deliver emergency messages to the City's population.

On July 26, 2000, located within the Novi Police Department, a geographically based computerized community emergency notification system became operational. Dialogic Communications Inc. (Franklin, Tennessee) was the selected vendor for this project. Using a dedicated computer, a bank of ten (10) dedicated phone lines, the City of Novi map, and 911 telephone records, this technology provided the ability to quickly identify and begin mass notification to selected areas of the City ranging from a single street, the entire City, or anything in between.

In addition, should a need arise requiring calls to be made at a faster rate than the existing eight (10) dedicated phone lines were capable of, the "Dialogic Hosting Center" could be utilized having the capability to deliver thousands of phone calls per hour. The system has been utilized several times in Novi to communicate lost children, boil water advisories and other public safety needs.

On May 7, 2009 a fatal failure of the software was experienced leaving the current system **non-operational**. Although the current system, based on NT technology is beyond its production life and no longer supported, Dialogic Communications Inc. made several attempts to correct the failure without success. **At this point, the City is unable to deliver emergency messages to its citizens.** As such, Dialogic is recommending the City upgrade to an internet based system, via a three year lease, that will utilize the same mapping information that is verified by the City of Novi GIS manager. A quote for the upgrade is attached.

The first year for the lease is \$23,795 and we are recommending that this cost be absorbed through Federal Forfeiture funds. Future years expense will be included as part of the operating budget. Please note that \$6,000 for the hosting service and \$3,500 for the semi-annual geocoding services is already included in our annual budget each year to maintain the current outdated system and is not an incremental cost. Additionally, the quote includes a \$1,700 prorated discount of monies already paid for support service through October 2009.

Due to the emergency nature of the situation and the fact that Dialogic is the vendor of the current product, our existing relationship with them, their knowledge of Novi and the fact that they can utilize the same mapping information used by our GIS Department, we are recommending that we proceed immediately with the lease for the upgrade and consider Dialogic a sole source. The vendor has committed to immediate deployment upon verbal commitment.

We are seeking approval to proceed with a Budget Amendment for this emergency upgrade.

CC: Clay Pearson, City Manager
Pam Antil, Assistant City Manager

CITY OF NOVI
Budget Amendment Request (BAR) Form

Brief Description of Requested Item (Include justification, reallocation of funds if applicable, etc.):
Enter three-year lease with Dialogic for an Internet based emergency notification system utilizing the current mapping information that is used and verified by the City of Novi GIS manger.

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>
266-266.00-851.200	Emergency Communication Service Federal Forfeiture Funds	23,795
		<u>\$ 23,795</u>

Director/Dept. Head Requesting: *DAVID E. Moway*
D.E.M.

Finance Department Review:

Manager's Office Approval:



Dialogic Communications Corporation
 730 Cool Springs Blvd., Suite 300
 Franklin, TN 37067
 800.723.3207
 www.dccusa.com

THE GLOBAL LEADER IN CRITICAL COMMUNICATIONS
 TECHNOLOGY

hosted rev 03.22.09

**Emergency Notification Proposal For:
 Novi PD**

Customer Information

Name: Joe Burchett
 Address: 45125 W 10 Mile Rd
 City: Novi State MI ZIP 48375
 Email: 248-347-0564

Proposal Information

Date: 27-May-2009
 Proposal No.: DIR17785
 Quoted by: Daphne Glover / Shalene Myers
 Phone: 773-348-8835

Qty	Description	Item Number	Unit Price	Year 1	Year 2 and 3
System					
1	GCW SHARED Hosted Mapping Service - 5 Concurrent Users (No NXT)	HST-00170	\$ 12,995.00	\$ 12,995.00	\$ 12,995.00
Subtotal				\$ 12,995.00	\$ 12,995.00
Software Options					
INCLUDED	Text to Speech Module Per Port - US English	HW-NFCTTS-ENG	\$ 1,000.00		
OPT	Text to Speech Module Per Port - Spanish	HW-NFCTTS-SPH	\$ 1,000.00		
OPT	10,000 Minutes (.10 / minute)	CP00002	\$ 1,000.00		
OPT	50,000 Minutes (.07 / minute)	CP00003	\$ 3,500.00	3,500	3,500
OPT	100,000 Minutes (.05 / minute)	CP00004	\$ 5,000.00		
OPT	GIS: Geocoding Services (Semi-Annual)	SW55251	\$ 3,500.00	3,500	3,500
NOTE: Client will provide data					
OPT	GCW Mass Call Service (Shared - 500 Lines)	HST-00955	\$ 5,000.00		
Subtotal				\$ -	\$ -
Hardware & Third Party Software					
Subtotal				\$ -	\$ -
Services (Training, Field Services, Support)					
1	Project Coordination - Per Unit	IN48001	\$ 2,500.00	\$ 2,500.00	\$ -
1	Installation - Hosting Center Setup	IN49027	\$ 2,500.00	\$ 2,500.00	\$ -
1	GeoCast Web Web-Based Training Program (Comprehensive) - 6 Seats per	TR-WEB-C	\$ 500.00	\$ 500.00	\$ -
Subtotal				\$ 5,500.00	\$ -
DISCOUNT				\$ (1,700.00)	
Subtotal				\$ 16,795.00	\$ 12,995.00
Shipping					
TOTAL				\$ 16,795.00	\$ 12,995.00

TERM: Prices and configurations of proposal for HOSTED solutions are based on a contract term reflected in "term" field below.
 Contract Term: 3 Years
 Total Contract Value: \$ 42,785.00

2,000 7,000
 23,795 19,995