

**CITY OF PALMER
ACTION MEMORANDUM NO. 13-035**

Subject: Authorize the City Manager to Enter into and Execute a Contract with Alaska Wireless in the Amount of \$18,377.40 to Purchase and Install a VHF Daniels Repeater to Support the Scott Road Reservoir Repeater Station

Agenda of: April 9, 2013

Council Action: Authorized

Approved for presentation by:

City Manager  (acting)
City Attorney 
City Clerk 

Certification of Funds:

Total amount of funds listed in legislation:	\$ <u>18,377.40</u>
This legislation (√):	
<input type="checkbox"/> Has no fiscal impact	
Creates:	
<input checked="" type="checkbox"/> A negative fiscal impact in the amount of:	\$ <u>18,377.40</u>
<input type="checkbox"/> A positive fiscal impact in the amount of:	\$ _____
<input checked="" type="checkbox"/> Funds are budgeted from this (these) line item(s):	
➤ 01-17-10-6053	\$ <u>18,377.40</u>
➤	\$ _____
<input type="checkbox"/> Funds are not budgeted. Budget modification is required. Affected line item(s):	
➤	\$ _____
Unrestricted/undesignated fund balance (after budget modification)	\$ _____
Director of Finance signature certifying funds:	<u></u>

Attachment(s):

- Bid Tabulations for VHF Daniels Repeater
- AM 11-028 Public Works Radios
- Price Quote Solicitations

Summary statement: Action Memorandum 13-018 requests approval to purchase and install a VHF Daniels Repeater. The City solicited quotes from three companies, and the lowest bid came in from Alaska Wireless.

This equipment procurement will improve radio communications between Public Works operators and contractors in the north end of Palmer and other areas in the City.

Background: REVL Communications and Systems installed the new narrow bandwidth handheld radios that were received through a homeland security grant in 2011 for the Public Works Department. This grant was approved by City Council with AM 12-045 and allowed Public Works to be compliant with Federal Communications Commission (FCC) narrow-banding requirements that went into effect January 1, 2013. This allowed Public Works the capability to communicate with other emergency responders in the event of a disaster.

During the winter of 2012, Public Works discovered that the three watt handheld radios were not transmitting and receiving well in the North Palmer area. The existing base station at Palmer Police Department was not sending a signal effectively which was, and is, a safety concern for Public Works operators. With little to no communication on the north end of town, crews are unable to notify others in the area of safety hazards such as pedestrians and cars parked on roadways.

The three companies that responded to the request for quotes met with City officials and viewed the Scott Road Reservoir PPD tower and it was decided that the Scott Road tower would be an ideal spot that would greatly enhance the 3 watt handheld capabilities between mobile radios in city equipment and contract snow haulers on the north end of Palmer.

Administration recommendation: Approve action memorandum 13-018.

BID TABULATION

	Bidder 1	Bidder 2	Bidder 3
	REVL Communications 650 W. 58th Ave Suite J Anchorage, AK 99518	ProComm Alaska 2100 E. 63rd Ave Anchorage, AK 99507	Alaska Wireless 2901 E. Bogard Road Ste 103 Wasilla, AK 99654
BID PROPOSAL	Bid Amount	Bid Amount	Bid Amount
Equipment	\$ 16,990.26	\$ 19,105.63	\$ 16,537.40
Labor	\$ 6,490.50	\$ 5,745.00	\$ 1,840.00
Total Bid	\$ 23,480.76	\$ 24,850.63	\$ 18,377.40

Public Works radio system is incapable of interoperable communications using the Alaska Land Mobile Radio (ALMR) system.

In the event of a major disaster such as an earthquake, the Department of Public Works must be equipped to communicate with emergency response agencies from other City departments as well as outside entities using the ALMR system.

Recently, the City contacted the Division of Homeland Security and Emergency Management (DHS&EM) to inquire whether grant funding would be available to purchase new narrowband radios for Public Works capable of operating on the ALMR system. DHS&EM explained that there was no funding available. When the Public Works communications needs were explained, DHS&EM began work to assist the City in meeting this need.

DHS&EM has no grant funds to pay to the City currently through a normal granting process. However, DHS&EM has found funds to purchase ten portable (handheld) radios and chargers for Public Works. Additionally, DHS&EM has a cache of mobile radios (for installation in vehicles or equipment) which had been turned back to them from another municipal government in the state. Both the portable and mobile radios are narrowband compliant, and are ALMR capable.

Consequently, by signing the attached Memorandum of Understanding, the City will receive 19 mobile radios from the DHS&EM radio cache. The mobile radios are considered a "reallocation" from another jurisdiction, and the programming and installation of these mobiles has a value of \$11,241.09. DHS&EM will use their own funds to purchase 10 portable radios and chargers for the City. The portable radios and chargers are valued at \$28,289.30. DHS&EM will pay to program all the radios and will pay for the installation of the mobile radios into City Public Works equipment. All of these radios will technically still be owned by the State of Alaska, but will be permanently on loan to the City. DHS&EM explained that they will never ask for the return of these radios. The City will be responsible for any future repairs to the radios and to maintain an inventory.

The City does not need to accept and appropriate any funds, since the City does not receive any monies through this agreement.

Administration recommendation: Approve Action Memorandum no. 11-028.

Ailis Vann

From: Ailis Vann
Sent: Tuesday, March 12, 2013 3:06 PM
To: 'jschmidt@beringstraits.com'
Subject: Request for Quote
Attachments: Repeater Bid Sheet.xlsx

Hello,

We are looking for quotes for a repeater to help improve communications between our shop and the North part of Palmer. Can you please send me your prices for the items listed on the attached spreadsheet? I need a quote by Monday, March 18th. If you choose not to respond to this email, will you please let me know so I can list you as non-responsive?

Thanks much!

Ailis Vann
Administrative Assistant
City of Palmer
Department of Public Works
(907) 745-3400



Ailis Vann

From: Ailis Vann
Sent: Tuesday, March 12, 2013 3:06 PM
To: 'sales@procommak.com'
Subject: Quote Request
Attachments: Repeater Bid Sheet.xlsx

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Thanks much!

Ailis Vann
Administrative Assistant
City of Palmer
Department of Public Works
(907) 745-3400



Quantity	Description	Price Per	Total
1	Transmitter MT-4E, VHF 136-174 Mhz	\$	-
1	RX MT 4E, VHF 136-174Mhz class B	\$	-
1	Subrack mother board 96 pin I/O	\$	-
1	System regulator 8-11VDC 14HP	\$	-
1	AMP 152-162Mhz 60-110 Watt 13.8 V	\$	-
1	Power supply 12VDC 40 amp Rack mt	\$	-
1	Cable RJ 45, Plug / plug 8 pos 26 cm	\$	-
1	Cable/RF/ RG223 Generic length	\$	-
1	Duplexer, 144-174 Mhz 100 watt 2 Mhz	\$	-
1	Microphone, standard	\$	-
1	Alignment kit	\$	-
1	Extender card	\$	-
1	RSS Software	\$	-
1	Cable programming USB mini 10ft	\$	-
1	Electronic manual	\$	-
1	7 foot rack open face 19"	\$	-
1	Miscellaneous install supplies & zone 4 bracing	\$	-
1	Telwave VHF base antenna 2.5 db gain 136-165Mhz	\$	-
1	RF antenna transmission cable 1/4" 100' run	\$	-
2	RF connectors for LMR-400	\$	-
1	FCC frequency coordination for repeater licensing 10 year period	\$	-
Total Parts Cost		\$	-

Labor	Hr	OT hours	Per Diem	RT	Labor Cost	Per Diem Cost	Travel	TOTAL LABOR
Engineering								
Project Manager								
Admin								
Install Lead								
Installation Technician								
Total Labor Cost								\$ -

Total Labor	\$	-
Total Parts	\$	-
Total Cost	\$	-

Ailis Vann

From: Greg Wickham
Sent: Monday, January 28, 2013 1:13 PM
To: t.horttor@revlinc.net
Cc: Tom Cohenour; Ailis Vann
Subject: FW: Public Works Repeater Quote
Attachments: REVL Palmer DPW Daniels Repeater.pdf

Tim
Can you confirm the quote is still good for our repeater station? If it is then I will send it thru to Tom for council approval.

Thank you, Greg Wickham

From: Tom Cohenour
Sent: Friday, April 13, 2012 3:32 PM
To: Douglas Griffin
Cc: Greg Wickham; Ailis Vann
Subject: Public Works Repeater Quote

Doug,

We need to get our communications upgraded per the attached email and price quote. Do you think I should write a legislative proposal and run it past Council this summer? We could get the comms equipment installed before the coming winter starts.

Tom

From: Greg Wickham
Sent: Friday, April 13, 2012 2:10 PM
To: Tom Cohenour
Cc: Ailis Vann; Tim Horttor
Subject: FW: Public Works Repeater Quote

Tom
I would like to place this radio up grade in the 2013 budget it's clearly too much for this year's budget due to the extra snow and budget issues this has caused. This repeater option for the hand held radios is costly but needed to keep communications link between workers, equipment, and contract snow haul trucks. Right now the contract truck don't always know where we are at when we shift to a different street and if they were to see a safety issue they couldn't communicate that there is a problem coming up. Currently when we only here garbled communications when we are further away as the hand held radios (Jon Owen secured for us) are only 2 watts of power. We did do radio testing last month in all outlying areas to Palmer Dispatch with Revl Communications and they feel like the repeater option will work.

Thank you, Greg Wickham

From: Tim Horttor [<mailto:t.horttor@revlinc.net>]
Sent: Friday, April 13, 2012 1:35 PM
To: Greg Wickham
Cc: 'Seth Burris'; 'Kelli Rustigan'
Subject: Public Works Repeater Quote

Greg,

Here is the quote for the repeater. Let me know if you have any questions...

Regards,

Tim Horttor



650 W58th Ave. Suite J

Anchorage, AK 99518

Phone: (907) 563-8302

Fax: (907) 561-4720

Cell: (907) 351-5848

Website: <http://www.revlinc.net>

-Service Disabled Veteran Owned Small Business-

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