

EXHIBIT A

Minnesota Department of Public Safety Division of Emergency Communication Networks

NOTICE OF GRANT OPPORTUNITY FY2016

2015 Homeland Security Grant Program (SHSP)

Federal Funds Interoperable Communications Projects

As part of the FY2015 Homeland Security Grant Program (SHSP), \$800,000.00 has been awarded to DECN. Fifty thousand dollars will be allocated to DPS-ECN for M&A and planning costs. Twenty-five thousand dollars will be distributed to each region to be used for training and/or exercises. The remaining five hundred and seventy-five thousand dollars will be available to regions on a competitive grants process in order to continue the investment in Strengthening Interoperable Communication Systems. SHSP funds have been allocated to Homeland Security and Emergency Management regions or individual counties and earmarked for Interoperable Communication planning since the FY2007 SHSP grant process for this purpose.

Minnesota Statute §403.36, subdivision 1g provides that the Statewide Emergency Communications Board (SECB), which has been designated as Minnesota's State Interoperable Executive Committee (SIEC) shall "advise the commissioner of the Department of Public Safety on public safety communications interoperability and on the allocation and use of funds made available to Minnesota to support public safety communications interoperability." Information on the SECB procedures to fulfill this requirement is available on the SECB website (<https://dps.mn.gov/divisions/ecn/Pages/default.aspx>) under "Grants."

ELIGIBLE APPLICANTS

Each of the following regional emergency services board/regional emergency communications boards (ESB/ECB) are eligible to make application through e-grants under this grant:

- Northeast MN Emergency Communications Board
- Northwest MN Emergency Communications Board
- Central Emergency Services Board
- South Central MN Regional Emergency Communications Board
- Southwest MN Emergency Communications Board
- Southeast MN Emergency Communications Board
- Metropolitan Emergency Services Board

This is a competitive grant. All interested regions will submit an application to the Division of Emergency Communication Networks by 3:00 p.m., January 29, 2016. All regional requests will be reviewed by the Grants Work Group and grants will be awarded based upon alignment of the region's goals with the SECB's Goals and Initiatives for the next 5 years.

FY2015 State Homeland Security Grant Program
Interoperable Communications
Notice of Grant Opportunity

Based upon the Investment Hierarchy that was approved by the Grant Work group for the 2015 SHSP, the priorities for this grant are:

Priority	Purpose
Priority 1	Training and Exercises
Priority 2	ARMER Integration Costs (Infrastructure Enhancements)
Priority 3	Local ARMER Integration Costs (Subscriber Equipment)
Priority 4	Other Non-ARMER Interoperability Infrastructure (must be consistent with the SCIP)
Priority 5	Planning

The Grants Workgroup unanimously decided that in order to prevent individual entities from becoming dependent on State funding, there is a matching fund requirement for equipment that is two times the amount of the state grant. Invoices and proof of payment must demonstrate that the agency paid the equivalent.

Sub grantees may utilize a total of 5% of the total awarded amount towards the Management and Administrative category. This includes the original \$25,000 that will be allocated to the regions for Training and Exercises. If a sub grantee believes that this amount will not cover these costs, they may apply for more funding in the planning category.

A detailed Investment Hierarchy is available in e-grants.

Tribal governments should pass a resolution to move to ARMER, submit an approved full participation plan and join their Regional Emergency Services Board/Regional Emergency Communications Boards (ESB/ECB). They should participate in the Regional Advisory Committee (RAC) meetings and the Regional Users and Owners and Operators meetings.

PROJECT DATES (PERFORMANCE PERIODS)

The funds available for this purpose must be encumbered through a fully executed grant no later than March 31, 2016. The grant performance period will extend through December 01, 2016. The grant period cannot be extended.

In order to ensure all funds are spent and not returned to HSEM the Grants Work Group has decided that if, by July 1, 2016, the applicant(s) that are awarded the funding are unable to provide adequate documentation that the funds will be spent by the projected deadline OR the Grants Work Group representative feels that their assigned region cannot fulfill their obligation of spending the awarded monies, the unallocated monies will revert back to ECN for further re-distribution. Re-distribution of these funds will be decided upon by the Grants Work Group and based upon applications originally on file.

Any funds not anticipated to be expended by December 01, 2016 will revert to HSEM.

2015 SHSP Grant

STATE HOMELAND SECURITY PROGRAM GRANT PROGRAM

APPLICATION INFORMATION SHEET

Grant Program Title: 2015 SHSP Grant – Federal Funds

Applicant (Regional Board Name)

Name: City of Duluth
Address: 411 West First Street, Room 107
Duluth, MN 55802
Phone: 218-730-5450

Applicant Contact (must be an individual of the representative County/Tribal Government)

Name: John Hyde
Address: 1532 West Michigan Street
Duluth, MN 55802
Phone: 218-730-4410
e-mail: jhyde@duluthmn.gov

Application Date: 12-21-2015

Amount Requested: \$99623.26

Preliminary proposal from vendor is needed.

Detailed Narrative Description of Proposed Project(s) Include detailed project timelines.

Replace Public Works VHF Radio
System with State ARMER
RADIOS

MATCH REQUIREMENTS

The matching fund requirement is two times the amount of the state grant. Other state funds CANNOT count toward the matching fund requirement. Matching funds may consist of cash and/or in-kind contributions. You must include a detailed description of each match source in the application budget.

PROJECT GOALS

The funding goal of this grant is to provide funds to assist counties and tribal governments to achieve regional funding priorities. Regions need to continually adjust their funding priorities based upon changes in interoperability needs and training requirements. These funding priorities should follow closely along with the Statewide Emergency Communications Board 5 year plan.

APPLICATION PROCESS

Applications must be submitted as follows:

Paper submissions: Division of Emergency Communication Networks
Department of Public Safety
445 Minnesota Street, Suite 137
St. Paul, MN 55101
Attn: Statewide Interoperability Program Manager

e-mail submissions: david.denton@state.mn.us

APPLICATION DEADLINE

All county or tribal government applications for interoperable communication funding under this grant must be submitted to the Division of Emergency Communication Networks by 3:00 p.m. on January 29, 2016.

APPLICATION PROCESS

ADDITIONAL GRANT CRITERIA

The following additional considerations will be applicable to this grant process:

- Grant funds cannot be used to meet a match requirement under any other state or federal grant program.
- Applications must be consistent with the participation plans approved for counties and other local units of government within each region.
- Due to the variability and speculative nature of costs provided to counties in their participation plans, costs may be assigned to various infrastructure elements required for local integration to the ARMER system.
- All other terms and conditions for SHSP apply (see <http://www.fema.gov/fy-2014-homeland-security-grant-program>).

FY2015 State Homeland Security Grant Program
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- Applicants must demonstrate the ability to meet the match requirements as set forth by the Grants Work Group.
- Applicants must demonstrate a clear plan to expend the requested funds within the grant performance period.
- Applicants must have a plan showing that the allocated funding will be spent by December 01, 2016.
- In order to ensure all funds are spent and not returned to HSEM the Grants Work Group has decided that if, by July 1, 2016, the applicant(s) that are awarded the funding are unable to provide adequate documentation that the funds will be spent by the projected deadline OR the Grants Work Group representative feels that their assigned region cannot fulfill their obligation of spending the awarded monies, the unallocated monies will revert back to ECN for further re-distribution.
- Re-distribution of these funds will be decided upon by the Grants Work Group based upon the original applications on file.

APPLICATION CONTENT

The application will consist of an applicant information sheet, a narrative attachment, a comprehensive project budget and description of the projects alignment with SCIP priorities. Any proposal that does not include the following components will not be considered for funding.

1. *Applicant Information Sheet:*

The information required in this section is specified in the attached Application Information Sheet. This information is necessary to administer the application process, to assure that any questions concerning an application are promptly addressed, and to assure prompt notification of applicants concerning the application.

2. *Project Overview:*

This section of the application should provide a detailed description of the proposed project(s) for the county or tribal government based upon details provided in each county or tribal government's approved full participation plan. Note: The short timelines do not allow time to seek additional follow up information from applicants.

3. *Project Budget Elements:*

This section of the application should include detail cost items for each county included in the regional application, as follows:

Number	Item	Cost Per Item	Total Cost
	Radio Console		
	Radio Console Replacements		
2	Control Stations (backup or for non-Motorola implementation)	6248.95	12497.90

	PSAP to ARMER Backbone Connection		
	Microwave Connection		
	Other connection		
	ARMER Backbone sites in county		
	Added Radio Channels		
	Added Base Radio Sites		
74	Added ARMER RF Equipment	2523.63	186748.62
	Added Microwave		
	New/Rebuilt Tower Site		
	Training		
	Exercises		
	Planning		
	Other (specify)		
	Total Cost		199246.52

Additional items may be listed separately, including description and estimated cost, but may not necessarily be used as a basis for the allocation of funds to the region.

4. *Other Relevant Information:*

The applicant should provide a detailed explanation of any other information that might be relevant in the evaluation of the grant proposal.

Applicants may be required to provide additional information including but not limited to equipment pricing proposals, the basis for any cost estimates and application for other grants that may be relevant to the consideration of an application.

REPORTING REQUIREMENTS

Grantees will be required to submit Interoperable Communication-Grant Project Status Reports quarterly and will be subject to verification of grant project status throughout the term of the project in addition to audit and reporting requirements contained in the standard grant agreement.

Grantees will also be required to submit a detailed invoice when submitting a request for payment.

Investment Hierarchy

Grants Workgroup Review Rating Form (Step3)

FY2015 SHSP

Applicant projects should fit within the scope of the priorities listed below. This hierarchy pertains to this grant only. The matching fund requirement for equipment is two times the amount of the state grant. Invoices and proof of payment must demonstrate that the agency paid the equivalent.

Priority 1 Training & Exercises

Training and exercise events that enhance the abilities of emergency responders to achieve seamless interoperable communications. Examples are ARMER Train the Trainer; Refresher ARMER Train the Trainer, System Admin Training; Dispatch training; ICS/Communication Workshops; Radio Programming; ICS 300; Interoperability Conference; CASM training; tabletop exercises for planned events, dispatch exercises.

NOTE: All training costs must be pre-approved by the DECN per HSEM requirements. Forms can be found on the ECN website.

Priority 2 ARMER Integration Costs (Infrastructure Enhancements):

Investments into infrastructure projects which result in a material enhancement to the performance of the ARMER backbone by expanding its capacity, coverage area, or wide-area network. Examples of such are channel additions, tower sites, MCC7500 consoles and outdoor BDAs as needed to fill in coverage gaps. NOTE: All outdoor BDAs must be approved through OTC to ensure MNDOT is aware of them and they are set up correctly so as not to cause interference with ARMER backbone.

Priority 3 Local ARMER Integration Costs (Subscriber Equipment)

Investments in end-user subscriber equipment that is required for users to utilize the ARMER system. Includes radios, control stations and equipment in PSAPs to deal with site trunking. (Only SHSP Grants can be used to purchase radios)

Priority 4 Other ARMER Interoperability Infrastructure (must be consistent with the SCIP)

Infrastructure investments which generally enhance radio interoperability but do not provide any material enhancement to the performance of the ARMER backbone. Examples include indoor BDAs for public safety sites such as LECs, jails or courthouse and schools only.

Priority 5 Planning

Associated costs for planning events. Examples are Food and Beverages provided at meetings; contractor fees; and employee labor costs for administrating grant applications.

STATE HOMELAND SECURITY PROGRAM GRANT

APPLICATION INFORMATION SHEET

Continued

Project Budget Elements:

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	Radio Console Replacements		
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	ARMER Backbone sites in county		
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74	Added ARMER RF Equipment	2523.63	186748.62
	Added Microwave		
	New/Rebuilt Tower Site		
	Training		
	Exercises		
	Planning		
	Other (specify)		
	Total Cost		199246.52



MOTOROLA INC.

Prepared E Mike Fink

Phone: 612-567-2911

Fax: 952-979-1401

Date: Jan. 21, 2015
Contract #: 40071
Quote #: MPF1212015
Customer #: 1011232246

Prepared For: John Hyde	Bill To: City of Duluth Auditor's Office	Ship to: Duluth Police Administration Office
Company: City of Duluth	Address: 411 W. First Street	Address: Room 104 City Hall
Phone: 218-730-4402	Room 107	411 W. 1st Street
Fax:	Duluth, MN 55802	Duluth, MN 55802-1185

APX 7500 Dual Band Console

Qty.	Model	Description	APC	APC Disc	List Price	Total Price	Contract Price	Contract price ext
1	L30URSPW1 N	APX7500 Single Band 7/800 Band Model	761	25%	\$ 3,980.00	\$ 3,980.00	\$ 2,985.00	\$ 2,985.00
1	GA00244	ADD: 7/800 Primary Band	656	25%	\$ -	\$ -	\$ -	\$ -
1	G806	Astro Digital CAI Operation Software	656	25%	\$ 515.00	\$ 515.00	\$ 386.25	\$ 386.25
1	G51	ENH: Smartzone Operation	656	25%	\$ 1,500.00	\$ 1,500.00	\$ 1,125.00	\$ 1,125.00
1	QA01648	ADD: Advanced System Key-Hardware Key	655	25%	\$ 5.00	\$ 5.00	\$ 3.75	\$ 3.75
1	G361	ADD: P25 Trunking Software	656	25%	\$ 300.00	\$ 300.00	\$ 225.00	\$ 225.00
1	L998	ADD: Limited Front Panel/Keypad/Clock VU	761	25%	\$ 480.00	\$ 480.00	\$ 384.00	\$ 384.00
1	G851	ADD: AES/DES-XL/DES-OFB	656	25%	\$ 799.00	\$ 799.00	\$ 599.25	\$ 599.25
1	W969	ADD: Multiple Key Encryption Operation	656	25%	\$ 330.00	\$ 330.00	\$ 247.50	\$ 247.50
1	G78	ADD: 2-Year Express Service Plan	185	0%	\$ 158.00	\$ 158.00	\$ 158.00	\$ 158.00
1	W382	ADD: Control Station Desk Mic	656	25%	\$ 169.00	\$ 169.00	\$ 135.20	\$ 135.20
1	CA01598	ADD: AC Line Cord US	761	25%	\$ -	\$ -	\$ -	\$ -
LINE ITEM TOTAL					\$ 8,236.00	\$ 8,236.00	\$ 6,248.95	\$ 6,248.95



MOTOROLA INC.

Prepared E Mike Fink

Phone: 612-567-2911

Fax: 952-979-1401

Date: Apr. 24, 2015
Contract #: 40071
Quote #: MPF4242015
Customer #: 1011232246

Prepared For: John Hyde	Bill To: City of Duluth Auditor's Office	Ship to: Duluth Public Works Office
Company: City of Duluth	Address: 411 W. First Street	Address: Room 104 City Hall
Phone: 218-730-4402	Room 107	411 W. 1st Street
Fax:	Duluth, MN 55802	Duluth, MN 55802-1185

Qty.	Model	Description	APC	APC Disc	List Price	Total Price	Contract Price	Contract Price ext
1	M36JRS9PW1 N	APX 1500 7/800 MHz Mobile	466	25%	\$ 1,354.00	\$ 1,354.00	\$ 1,015.50	\$ 1,015.50
1	QA01339	ENH: P25 Trunking	466	25%	\$ 1,070.00	\$ 1,070.00	\$ 802.50	\$ 802.50
1	QA01648	ADD: Advanced System Key-Hardware Key	426	25%	\$ 5.00	\$ 5.00	\$ 3.75	\$ 3.75
1	GA00804	ADD: APX 02 Control Head	656	25%	\$ 492.00	\$ 492.00	\$ 369.00	\$ 369.00
1	G444	ADD: APX Control Head Software	656	25%	\$ -	\$ -	\$ -	\$ -
1	G66	ADD: Dash Mount	500	25%	\$ 125.00	\$ 125.00	\$ 93.75	\$ 93.75
1	G335	ADD: 1/4 Wave 7/800 MHz antenna	471	25%	\$ 14.00	\$ 14.00	\$ 10.50	\$ 10.50
1	W22	ADD: Palm Microphone	656	25%	\$ 72.00	\$ 72.00	\$ 54.00	\$ 54.00
1	W432	ADD: Auxiliary Speaker 13W	656	25%	\$ 71.50	\$ 71.50	\$ 53.63	\$ 53.63
1	G24	ENH: 2 Year Repair Service Advantage	185	0%	\$ 121.00	\$ 121.00	\$ 121.00	\$ 121.00
LINE ITEM TOTAL					\$ 3,324.50	\$ 3,324.50	\$ 2,523.63	\$ 2,523.63