



City of Grand Forks
Staff Report
Committee of the Whole –
City Council –

APPROVED & ACCEPTED
by City Council

08/19/19

Maureen Storstad
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City Auditor

Agenda Item: Award bid for AreaRae detection system and accessories.

Submitted by: Fire Department – Chief Gary Lorenz

Staff Recommended Action: Award bid to M&T Fire and Safety, Inc. for the purchase of the AreaRae system and accessories up to \$75,000.

August 12, 2019 – Committee Recommended Action: Refer to City Council with the recommendation to approve.

August 19, 2019 – Council Action: Approved unanimously on consent agenda.

BACKGROUND: The Fire Department provides regional hazardous materials response through a memorandum of understanding (MOU) with the North Dakota Department of Emergency Services (DES). DES facilitates Homeland Security grants to fund the regional response teams within the state; \$75,000 was budgeted within a current grant to replace the team's AreaRae detection system that is no longer supported for repair or replacement parts.

ANALYSIS AND FINDINGS OF FACT:

- Current DES grant #S168 contains a line item budgeting \$75,000 for the purchase of a replacement AreaRae detection system and accessories.
- The current system is no longer supported by the manufacturer for repair or replacement parts.
- Three bids were received for the system and accessories.
- M&T Fire and Safety, Inc. was low bid on all items.
- There is no local match for the purchase and grant funds have been provided for maintenance of the system.

SUPPORT MATERIALS:

AreaRae bid specifications
Bid tabulation
Grant documentation

**CITY OF GRAND FORKS NORTH DAKOTA
REQUEST FOR BID**

Vendor Contact Information:

PLEASE SUBMIT YOUR PRICE ON THE ITEMS LISTED BELOW AND RETURN THIS FORM TO:

FINANCE & ADMINISTRATIVE SERVICES

**By USPS: P. O. BOX 5200
Grand Forks, ND 58206-5200**

**By Courier Delivery: 255 N 4th Street,
Grand Forks, ND 58203**

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL	DELIVERY DATE
1	W01R-110100-056079-0011			
4	C04-0960-000-7R+			
	Optional Items:			
1	S01-3000-000			
1	029-0695-000			
1	039-S100-000			
	 (Please see attached specifications)			

PRICES ARE F. O. B. GRAND FORKS, ND.

Bids/Proposals are to be submitted sealed with **Bid Number 2019-25** clearly marked on the outside of the envelope by **2:00 p.m. on July 22, 2019.**

All bids must be properly labeled on the outside of the bid envelope with the Bid Number and contain this form bearing a signature of an authorized officer or representative of the Vendor in order to be considered valid. **Improperly labeled bids or those not containing a signed bid form will be rejected.**

The City reserves the right to accept or reject any or all bids or part thereof, to accept one or more items of a bid without obligation as to other items, and to waive any informalities or irregularities.

Vendor Signature (REQUIRED FOR VALID BID)

DATE SIGNED

City of Grand Forks Fire Department
General Specifications

1. The equipment to be furnished is to be new and the manufacturer's latest model and design, drop shipped direct from the factory, not dealer inventory.
2. Bidder to furnish descriptive literature, complete with specifications of equipment bid.
3. Any deletions, variations, or exceptions to the specifications must be explained and submitted with the bid.
4. The unit price shall be F.O.B. Grand Forks, North Dakota. The unit shall be complete and ready to operate at the point of delivery.
5. The total bid price shall not include any North Dakota sales tax, for which an exemption certificate can be furnished.
6. The successful bidder, when accepting the award, agrees that a complete inventory of repair parts will be available for immediate delivery when needed.
7. The successful bidder agrees to furnish the City operator's onsite training and instruction for use, deployment, and calibration, plus provide parts diagrams and lists in written or digital format.
8. Bids must be submitted on forms supplied by the City, and bidders must comply with the bid specifications.
9. The specific terms of the warranties shall be attached to, and be made part of, the bid proposal.
10. Bidder will guarantee bid price for 30 days from the date of the bid opening.
11. The City reserves the right to reject any or all bids, or to accept the bid that is deemed to be in the best interest of the City.
12. Bidder must provide the name and location of the nearest parts and service representative.
13. Any questions shall be directed to:

Chad Cutshaw
Battalion Chief
1124 Demers Ave
Grand Forks, ND 58201
(701) 746-2566

AREARAE Specifications:

These specifications are a minimum requirement for the items being bid, a detailed description of the items being proposed shall be provided with the bid proposal.

AREARAE Pro RDK Detector Kit with four GPS-enabled AREARAE Pro Monitors

CSA/ISM 900MHz/Mesh/PID ppm/LEL/O2/CO/H2S/Gamma/RAEMet

Part Number: W01R-110100-056079-0011 plus four C04-0960-000-7R+ installed

RDK Detector Kit Includes:

- 1 Pelican case with precut foam, embedded charging systems for 4 AREARAE, and lead organizer for accessories storage/transportation equipped with:
- 4 AREARAE Plus monitors with sensors, battery and wireless options as specified, and protective rubber boot and filter(s) installed
- Power Adapter, AC/DC, 90-264 V Input, 12 VDC/7.5 A 90 W Output
- Power cord, AC, 125 V, 10 A US Plug, 1.8 m
- Power cord, AC, 125 V, 10 A, UK Plug, 1.8 m
- Power cord, AC, 125 V, 10 A, EU Plug, 1.8 m
- 1 One to Five charging cable
- 4 External Battery Chargers
- 4 Additional Rechargeable Batteries
- 1 PC Communication Cable
- 1 Calibration Adapter
- 1 Screw Driver, Slotted
- 1 Screw Driver, Phillips #6
- 1 Tool Kit for 4R+ PID Sensor
- 1 Opening Tool Kit for 4R+ PID Sensor
- 1 PID Lamp Cleaning Kit (isopropanol)
- 10 Spare External Filters

- 1 SensorRAE 4R+
- 1 RAELink3
- 4 ProRAE Guardian Licenses – Tier 3 Concurrent Instruments
- Quick Start Guide
- CD with Documentation
- RDK Accessory List (laminated card)
- ProRAE Studio II Instrument Configuration & Data Management Software
- Calibration and Test Certificate, Warranty/Registration Card
- PID ppm sensors (0.1 ppm – 5,000 ppm; 0.1 ppm res.; 10.6 eV lamp)
- H2S sensors
- LEL sensors
- O2 sensors
- CO sensors
- Dummy sensors in all open ports
- Gamma sensors
- RAEMets

Optional Items:

The Grand Forks Fire Department may choose to purchase any, all, or none of the optional items; any optional items purchased may be in a single or multiple quantities at the bid price.

- **S01-3000-000** ProRAE Guardian License – Tier 3 Concurrent Instruments
- **029-0695-000** RAELink3 Mesh Kit, Multi-function Modem with GPS
- **039-S100-000** RDK Host Kit – Pro RAE Guardian Package Case with Laptop, and RAELink3 Host Modem

Bid Tab - AreaRae

Unit Price

Item	Agathos Laboratories	Clarey's Safety	M & T Fire and Safety
W01R-110100-056079-0011	\$70,756.47	\$65,213.00	\$52,943.64
C04-0960-000-7R+	\$1,074.55	\$4,118.00	\$917.28
S01-3000-000	\$923.89	\$888.00	\$795.00
029-0695-000	\$2,580.22	\$2,525.00	\$2,249.96
039-S100-000	\$6,471.57	\$6,388.00	\$5,741.84

Project F0-S168 - Regional-Grand Forks FD Regional Response Team

Open

Project Details

Number: F# S# 168

Title: Regional-Grand Forks FD Regional Response Team

Type: GSHSP - General SHSP

Application: [View Application](#)

Eligible Obligated: \$130,848.00 [Expand](#)

Federal Obligated: \$0.00 (100.00%) [Expand](#)

State Obligated: \$0.00 (0.00%)

Local Share: \$130,848.00 (0.00%)

Advances Requested: \$0.00

Work Complete %: 1.00%
 Quarterly Report FFY2019 Q3: Apr 2019 - Jun 2019 is 15.00% complete.
 Project Version 0 is 0.00% complete.

Work Deadline: December 31, 2019 (override)
Due in 145 days

Grant

FY 2018 State Homeland Security Grant Program
 State Homeland Security Program
 Declared: September 1, 2018
 Closed: December 31, 2019
 Work Deadline: December 31, 2019

Applicant

Grand Forks Fire Department
 Grand Forks County
 FIPS #:
 State #: A0461 Vendor #:
 DUNS #: 071347249
 Type: Special District
 Physical/Mailing: 1124 Demers Avenue
 Grand Forks, ND, 58201

Process Checklist

Initial Obligation

Obligated on September 28, 2018
[View Initial Version](#) [View Application](#)

Project Management

Active for 313 days
 Work Deadline on December 31, 2019 (Due in 145 days)

Project Closeout

Classification	Description	Qty	Price	Total
Area				
Equipment				
Type	10BC-00-BATT - Batteries, All Types, Sizes	16	\$ 170.00	\$2,720.00
Equipment	Portable radio batteries.			
AEL Code (List)				
10BC-00-BATT-Batteries				
Area				
Equipment				
Type	03OE-03-KTCL - Kit, Chemical Leak Control	1	\$ 1,150.00	\$1,150.00
Equipment	B kit conversion package.			
AEL Code (List)				
03OE-03-KTCL-Kit				
Area				
Equipment				
Type	03OE-04-KTTL - Kit, Tool, Miscellaneous, Non-sparking	1	\$ 1,500.00	\$1,500.00
Equipment	Replacement tools.			
AEL Code (List)				
03OE-04-KTTL-Kit				
Area				
Equipment				
Type	07CD-01-DPMG - Detector, Multi-sensor Meter, Point, Chemical	1	\$ 75,000.00	\$75,000.00
Equipment	Replacement Area Rae System due to end of life support on existing system.			
AEL Code (List)				
07CD-01-DPMG-Detector				
Area				
Equipment				
Type	03SR-02-TLHN - Tools, Hand			
Equipment	Replacement screwdrivers, sockets, wrenches, etc.	1	\$ 200.00	\$200.00
AEL Code (List)				
03SR-02-TLHN-Tools				

Application Total**\$179,560.00****Grand Total****\$179,560.00**

North Dakota Department of Emergency Services Division of Homeland Security PO Box 5511 Bismarck, ND 58506-5511 NOTICE OF GRANT AWARD		ND DHS Director: Cody Schulz PO Box 5511 Bismarck, ND 58506-5511 Recipient Contact Name: Debbie LaCombe Telephone: 328-8100	
Title of Grant Program: FY 18 State Homeland Security Grant Program			
Federal Award Identification Number: EMW-2018-SS-00008		Federal Award Date: September 1, 2018	
Federal Awarding Agency: U.S. Department of Homeland Security			
CFDA No. 97.067 Homeland Security Grant Program		Federal Award to NDDDES: \$3,980,000.00	

Subrecipient Name and Address: Grand Forks Fire Department 1124 Demers Avenue Grand Forks, ND 58201 Subrecipient Contact Name: Gary Lorenz Telephone: 701-746-2565 Subrecipient DUNS Number: 071347249	Grant Number S# 168	County/Tribe Grand Forks	
	Performance Period From: October 1, 2018		Through: December 31, 2019

Financial Information	Grant Amount	Subrecipient Cost Share	Total Project Cost
Amount of Financial Assistance	\$130,848.00		\$130,848.00

All Grant Award payments are processed upon receipt of expenditure reports unless otherwise specified in Special Conditions.


Scope of Service: The intent of NDDDES in providing this award is to enhance the capability of the subrecipient to prevent, protect against, mitigate, respond to, and recover from acts of terrorism and other catastrophic events in accordance with the Guidance for this grant program and in accordance with the subrecipient's application. This award is limited to the approved budget located online in DES Grants.

Reporting Requirements: Project Status Reports on project must be submitted to NDDDES on a quarterly basis through the NDDDES Grants Management Software. Reports are due January 15, April 15, July 15 and October 15 for the life of the grant. A final report is due with the final reimbursement request.

Special Conditions: The above grant project is approved subject to the special conditions or limitations as indicated on the attached page.

- This award is subject to the terms and conditions incorporated either directly or by reference in the following:
- 1) Fiscal Requirement and Other Program Rules, Regulations, Laws, and Policies for Federal Programs which can be found at <https://grants.des.nd.gov/site/HSGP.cfm>
 - 2) Applicable Federal and State laws and regulations
 - 3) The recipient agrees that all allocations and use of funds under this grant will be in accordance with the Federal/State Notice of Funding Opportunity for this grant program.

This contract is not effective until fully executed by both parties. By signing below you are accepting the terms and conditions of the award. Please make sure you read and understand these documents before signing. Maintain a copy of these documents in your official file for this award.

Evidence of Subrecipient's Acceptance		Evidence of DES Approval	
Signature <i>Maureen Starstad</i>	Date 10/19/18		Date: 10/1/2018
Typed Name and Title of Authorized Representative <i>Maureen Starstad - Finance Dir.</i>		Typed Name and Title of Authorized Representative Cody Schulz Director	