



NORTHWEST FIRE DISTRICT NOTICE OF INVITATION FOR BID (IFB)

IFB Number: 1103 Title: Mobile Data in Vehicle Modem System

DUE IN: JUNE 13TH 2011 AT 1:45 P.M. MST OPENING SAME DAY AT 2:00 P.M. MST

Submit Bid to:

Northwest Fire District Administration
5225 W. Massingale Road
Tucson, Arizona 85743

Pre-Bid Conference: NO PRE-Bid conference is scheduled

SOLICITATION: Northwest Fire District is soliciting bids from Respondents qualified, responsible and willing to provide the following Goods and/or Services in compliance with all solicitation specifications and requirements contained or referenced herein.

GENERAL DESCRIPTION: To provide the Northwest Fire District with hardware for supporting data communications between the fire department vehicle mobile data computers and the City of Tucson computer aided dispatch software system. This IFB is for a minimum of thirty seven (37) front line units however more may be purchased.

Prospective Respondents may pick up a copy of the Bid packet, Monday through Friday, 8 am to 5 pm MST, at the address listed above. Bidders may also request an electronic copy of this solicitation by contacting the listed purchasing agent.

Bids must be submitted as defined in the I. Instructions to Bidders, in accordance with the II. Standard Terms and Conditions, and III. Special Terms and Conditions. Failure to do so may be cause for rejection as *non-responsive*.

Bidders must complete and return the following pages: **12 through 21**

Bids may not be withdrawn for 60 days after opening.

Bonds are not required.

RESPONDENTS ARE REQUIRED TO READ THE ENTIRE SOLICITATION, INCLUDING ALL REFERENCED DOCUMENTS, ASSURE THAT THEY CAN AND ARE WILLING TO COMPLY, AND TO INCORPORATE ALL ASSOCIATED COSTS IN THEIR BID.

Doug Emans
Division Chief, Logistics

Publish: The Arizona Daily Star: May 31, June 1, 2, 3rd

I. INSTRUCTIONS TO BIDDERS

1. PREPARATION OF RESPONSES

All bids shall be made using the forms provided in this package. All prices and notations must be printed in ink or typewritten. **No erasures are permitted.** Errors may be crossed out and corrections printed in ink or typewritten adjacent to error and shall be initialed in ink by person signing the bid. Typewritten responses are **preferred**.

All bids shall, as appropriate, indicate the registered trade name, stock number, and packaging of the items included in the bid.

2. PRICE BID & CERTIFICATION

Respondents shall complete and submit the price bid and certification documents utilizing the forms provided in this IFB. Requested information and data shall be provided in the precise manner requested. Product descriptions shall provide sufficient information to precisely document the product being offered. Failure to comply may cause the bid to be improperly evaluated or deemed non-responsive.

The certification document must be completed and signed by an authorized representative certifying that the firm can and is willing to meet all requirements of the solicitation. Failure to do so may be cause to reject the bid as non-responsive.

All unit prices shall remain firm for the initial term of the executed agreement, with the exception that should seller during the term of the agreement offer to another buyer pricing for like or similar quantity, products or services more favorable than those given to District, that seller shall offer same pricing to the District, effective the date effective to other buyer. Unit prices given by respondent shall include all costs required to implement and actively conduct cost control and reduction activities.

Unit Prices shall include all costs and, unless otherwise specified, shall be F.O.B. Destination. Unit prices shall prevail in the event of an extension error. Price each item separately. Delivery time, if stated as a number of days, shall mean "calendar" days. Northwest Fire District reserves the right to question and correct obvious errors.

3. GENERAL SPECIFICATIONS & DEVIATIONS

The specifications included in this solicitation are intended to identify the kind and quality of goods and/or services to be provided without being unnecessarily restrictive, and as required to provide the information needed for the development of consistent and comprehensive bids.

Equipment brand names, models and numbers, when given, are intended to identify a level of quality, equivalent performance and dimensional specifications, and are for reference only, unless otherwise specified in the solicitation.

Failure to examine any drawings, specifications, and instructions will be at the respondent's risk.

Items included in the bid shall meet the specifications and requirements set forth by the solicitation.

Deviation requests shall be specifically documented and clearly illustrate the deviation to the particular specification or the requirements set forth by this solicitation and fully explain the requested deviation's impact on the end performance of the item. Deviation requests shall be submitted prior to the initial solicitation due date. Requests submitted within 8 days of the solicitation due date may not be answered. Acceptance or rejection of said deviation request shall be at the sole discretion of the District.

All equipment shall be models of current production, latest design and technology, new and unused unless otherwise specified.

Manufacturer and supplier documentation, including and not limited to the following, shall be provided by the successful respondent not later than 14 days after request by the District and at no additional cost: warranty; caution-informational warnings; recommended maintenance schedule and process; recommended spare parts list; operating, technical and maintenance manuals including drawings, if appropriate; product brochures; and material safety data sheets (MSDS).

4. SUBMISSION OF BIDS

Respondents are to submit one original and one copy of all bid documents. The submittal shall include all information requested by the solicitation, and utilize, without modification, the forms provided by the solicitation.

Bids must be received and time stamped at the location on or before the time and date as defined by the *Invitation for Bid*. Late bids will not be accepted, or will be returned unopened.

Bids must be signed by an authorized agent of the respondent and submitted in a sealed envelope marked or labeled with the respondent firm name, solicitation number, title, solicitation due date and time, to the location and not later than the time/date specified by the *Invitation for Bid*. Bids must be submitted in a sealed envelope/container and have "**Mobile Data in Vehicle Modem System - Bid Number IFB #1103**" written on the front.

Bids and modifications received after the closing time specified will not be accepted. Facsimiles of bids will not be accepted.

Failure to comply with the solicitation requirements may be cause for the respondent's bid to be rejected as *non-responsive*.

5. COMPLIANCE WITH AGREEMENT

District will execute an agreement with the successful respondent by issue of a purchase order or contract.

The respondent agrees to establish, monitor, and manage an effective administration process that assures compliance with all requirements of the agreement. In particular, the respondent agrees that they shall not provide goods or services in excess of the executed agreement items, item quantity, item amount, or agreement amount without prior written authorization by amendment or change order properly executed by the District. Any items provided in excess of the quantity stated in the agreement shall be at the Respondent's own risk.

6. INQUIRIES

Results of this procurement will not be given in response to telephone inquiries. Interested parties are invited to attend the public opening at the time and date stated in this solicitation. A tabulation of submittals will be on file at Administration.

No oral interpretations or clarifications will be made to any respondent as to the meaning of any of the solicitation documents.

If a prospective respondent believes a requirement of the solicitation documents to be needlessly restrictive, unfair, or unclear, the respondent shall notify the Northwest Fire District Logistics in writing identifying the issue with suggested solution prior to the closing time set for receipt of the solicitation bid. Responses from Northwest Fire District will be made by written addendum and sent to all known potential respondents. Issues identified less than 8 days prior to the solicitation opening date may not be answered.

7. CONFLICTING INSTRUCTIONS

In the event there are variations or conflicts between these instructions and the special terms and conditions, the special terms and conditions shall govern.

8. SCORING

Scoring will be conducted using a weighting of three factors outlined here:

PRICE	25%
FUNCTIONALITY(Meeting Specifications in Appendix A	50%
EXPERIENCE (Similar Projects)	25%

9. RESPONSE TO SPECIFICATIONS IN APPENDIX "A"

Please mark each check box next to the specific function that your proposed solution provides. If your solution only partially meets this requirement or is a planned future development please leave this box blank. You may provide an explanation on a separate sheet identifying the Section and Item number / letter being detailed. Please include this set of pages with your BID Response.

END OF INSTRUCTIONS TO BIDDERS

II. NORTHWEST FIRE DISTRICT STANDARD TERMS AND CONDITIONS

1. BID OPENING:

Bids will be publicly opened and respondents name and bid amount will be read on the date and at the location defined in the Invitation for Bids. All interested parties are invited to attend.

2. BID EVALUATION:

Bids shall be evaluated to determine which response is most advantageous to the District considering price, conformity to the specifications and other factors.

The District reserves the following rights: 1) to waive informalities in the bid or bid procedure; 2) to reject the response of any persons or corporations that have previously defaulted on any contract with Northwest Fire District; 3) to reject any and all responses; 4) to re-advertise for bids previously rejected; 5) to otherwise provide for the purchase of such equipment, supplies materials and services as may be required herein; 6) to award the purchase order or contract on the basis of price and other factors, including but not limited to such factors as delivery time, quality, uniformity of product, suitability for the intended task, and bidder's ability to supply; 7) to increase or decrease the quantity herein specified.

3. AWARD NOTICES:

A Board Memorandum will be prepared concerning recommendations for award and will be presented to the Northwest Fire District Governing Board at the next appropriate scheduled meeting and will be available for review by interested parties after the board meeting. A tabulation of responses will be maintained at Administration.

4. AWARD:

Awards shall be made by either the Fire Chief or the Fire District Board in accordance with the Northwest Fire District policies. The District reserves the right to reject any or all bids, or to waive irregularities and informalities if it is deemed in the best interest of the District. Resulting agreements are not exclusive, are for the sole convenience of Northwest Fire District, and the District reserves the right to obtain like goods or services from other sources.

In the event that the resulting agreement is terminated for any reason during the initial term of the contract, Northwest Fire District reserves the right to award to an alternate bidder if deemed in the best interest of the District. A fully executed purchase order or contract mailed, or otherwise furnished, to the selected respondent will result in a binding contract without further action by either party.

5. WAIVER:

Each respondent, by submission of a bid, proclaims and agrees and does waive any and all claims for damages against Northwest Fire District or its officers or employees when any of the rights reserved by Northwest Fire District may be exercised.

6. INTERPRETATION; APPLICABLE LAW:

The contract shall be interpreted, construed and given effect in all respects according to the laws of the State of Arizona. If any of seller's terms or conditions are not in agreement with Northwest Fire District's terms and conditions as set forth herein, Northwest Fire District's shall govern. This Agreement incorporates the complete agreement of the parties with respect to the subject matter of this Agreement. No oral agreement or other understanding shall in any way modify these terms and conditions.

7. PRICE WARRANTY:

Seller shall give Northwest Fire District benefit of any price reduction before actual time of shipment except that should Northwest Fire District permit shipment to be made prior to specified shipping date, Northwest Fire District shall have advantage of any price reduction before shipping date. Sellers agree that all pricing given includes all costs required to conduct aggressive and active cost control and reduction activities.

8. PRICE ESCALATION:

In the event that changes in economic conditions are such that Supplier requires price increases for subsequent renewals of the agreement, the respondent shall submit to the District a unit price escalation request with supporting documents justifying the requested increase not later than 90 days prior to the termination date of the current agreement. The request

shall cite sources, specific conditions and in detail how they affect the cost of agreement items and include a listing of those efforts taken to control and reduce costs. The District will review the request and determine if it is in the best interest of the District to extend the agreement.

9. QUANTITY:

The quantity of goods ordered shall not be exceeded or reduced without written permission in the form of a properly executed purchase order or contract change except in conformity with acknowledged industry tolerances. All quantities are estimates and no guarantee regarding actual usage is provided.

10. DELIVERY:

On-time delivery of goods and services is an essential part of the consideration to be received by Northwest Fire District.

All delivery will be made prior to the expiration date of the agreement. Delivery made after the expiration date of the agreement will be at Seller's sole risk, and invoices for delivery made after the expiration date of the agreement will be rejected.

A guaranteed delivery date, or interval period from order release date to delivery, must be given if requested by the Price Bid document.

Upon receipt of notification of delivery delay, Northwest Fire District at its sole option may cancel the order or extend delivery times. Such extension of delivery times will not be valid unless extended in writing by an authorized representative of the District.

To mitigate or prevent damages caused by delayed delivery, the District may require contractor to deliver additional quantity utilizing express modes of transport, and or overtime, all costs to be contractor responsibility. The District reserves the right to procure from alternate source, and/or refuse receipt of or return delayed deliveries, at no cost to the District.

Contractor will not be held responsible for unforeseen delays caused by fires, strikes, acts of god, or other causes beyond Contractor's control, provided that Contractor provided prompt notice of delay as soon as Contractor had knowledge of said delay.

11. INSPECTION:

All goods and services are subject to inspection and testing at place of manufacture, the destination, or both, by Northwest Fire District. Goods failing to meet specifications of the order or contract shall be held at seller's risk and may be returned to seller with costs for transportation, unpacking, inspection, repacking, reshipping, restocking or other like expenses to be the responsibility of seller.

In lieu of return of nonconforming supplies, Northwest Fire District, at its sole discretion and without prejudice to District's rights under the Rights and Remedies of Northwest Fire District for Default clause below, may waive any nonconformity, receive the delivery, and treat the defect(s) as a warranty item, but waiver of any condition shall not be considered a waiver of that condition for subsequent shipments or deliveries.

12. TAXES, FEES, EXPENSES:

Articles sold to Northwest Fire District are exempt from federal excise taxes. Northwest Fire District will furnish an exemption certificate upon request. No separate charges for delivery, sales tax, drayage, express, parcel post, packing, insurance, license fees, permits, costs of bonds, or bid preparation, will be paid by Northwest Fire District, unless expressly included and itemized by the solicitation documents. Pricing evaluations will be based on pre-tax pricing offered by vendor.

13. PAYMENT TERMS:

Payment terms are net 30, unless otherwise specified by the solicitation documents.

14. ACCEPTANCE:

Northwest Fire District will not execute an acceptance or authorize payment of any equipment or component prior to

delivery and verification that all the specifications have been met.

15. RIGHTS AND REMEDIES OF NORTHWEST FIRE DISTRICT FOR DEFAULT:

In the event any item furnished by the seller in the performance of the contract or purchase order should fail to conform to the specifications thereof, or to the sample submitted by the vendor with their bid, Northwest Fire District may reject same, and it shall thereupon become the duty of the seller to reclaim and remove the same, without expense to Northwest Fire District, and immediately replace all such rejected items with others conforming to the specifications or samples: provided that should the seller fail, neglect, or refuse to do so, Northwest Fire District, shall have the right to purchase in the open market, in lieu thereof, a corresponding quantity of any such items and to deduct from any monies due or that may become due to the seller the difference between the price named in the contract or purchase order and actual cost to Northwest Fire District. In the event the seller shall fail to make prompt delivery as specified of any item, the same conditions as to the rights of Northwest Fire District to purchase in the open market and invoke the reimbursement condition above shall apply, except when delivery is delayed by fire, strike, freight embargo, or acts of god or of the government. In the event of cancellation of the contract or purchase order, either in whole or in part, by reason of the default or breach by the seller, any loss or damage sustained by Northwest Fire District in procuring any items which the seller agreed to supply shall be borne and paid for by the seller. The rights and remedies of Northwest Fire District provided above shall not be exclusive and are in addition to any other rights and remedies provided by law or under the contract.

16. FRAUD AND COLLUSION:

Each respondent, by submission of a bid, proclaims and agrees that no officer or employee of Northwest Fire District or of any subdivision thereof has: 1) aided or assisted the bidder in securing or attempting to secure a contract to furnish labor, materials or supplies at a higher price than that proposed by any other bidder; 2) favored one bidder over another by giving or withholding information or by willfully misleading the bidder in regard to the character of the material or supplies called for or the conditions under which the proposed work is to be done; 3) will knowingly accept materials or supplies of a quality inferior to those called for by any contract; 4) any direct or indirect financial interest in the bid. Additionally, during the conduct of business with Northwest Fire District that the respondent will not knowingly certify, or induce others to certify, to a greater amount of labor performed than has been actually performed, or to the receipt of a greater amount or different kind of material or supplies that has been actually received. If at any time it shall be found that the person or entity to whom a contract has been awarded has, in presenting any bid, or bids, colluded with any other party or parties for the purpose of preventing any other bid being made, then the contract so awarded shall be terminated and that person or entity shall be liable for all damages sustained by Northwest Fire District.

17. OTHER PARTICIPATING GOVERNMENTAL ENTITIES:

Northwest Fire District has entered into cooperative purchasing agreements with other agencies in order to conserve resources, reduce procurement costs and improve the timely acquisition and cost of supplies, equipment and services. The Seller, to whom a contract or purchase order is awarded, may be requested by other parties to extend to them the right to purchase supplies, equipment and services provided by the Seller under this contract, pursuant to the terms and conditions stated herein.

18. PATENT INDEMNITY:

Bidder shall hold Northwest Fire District, its officers, agents and employees, harmless from liability of any nature or kind, including costs and expenses, for infringement or use of any copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in connection with the contract or purchase order. Bidders may be required to furnish a bond or other indemnification to Northwest Fire District against any and all loss, damage, costs, expenses, claims and liability for patent or copyright infringement.

19. UNFAIR COMPETITION AND OTHER LAWS:

Responses shall be in accordance with Arizona trade and commerce laws (Title 44 A.R.S.) and all other applicable District, State, and Federal laws and regulations.

20. CONFLICT OF INTEREST:

All agreements are subject to the provisions of A.R.S. § 38-511, the pertinent provisions of which are incorporated into and made part of all resultant contracts or purchase orders as if set forth in full herein.

21. NON-DISCRIMINATION:

Respondent shall not discriminate against any District employee, client or individual in any way because of the person's age, race, creed, color, religion, sex, disability or national origin in the course of performing the respondent's duties pursuant to any contract or purchase order issued as a result of this solicitation. Respondent shall comply with executive order 75-5, as amended by executive order 99-4, which is incorporated into this solicitation by reference as if set forth in full herein.

22. NON-APPROPRIATION OF FUNDS:

Pursuant to the provisions of A.R.S. § 11-251, sub-section 42, this agreement may be canceled at the end of each fiscal year (June 30) if for any reason the Northwest Fire District Governing Board does not appropriate funds for the stated purpose of maintaining any agreement. In the event of such cancellation, Northwest Fire District shall have no further obligation, other than for services or goods that have already been received.

23. PUBLIC INFORMATION:

Pursuant to A.R.S. § 39-121.01 et seq., all information submitted in response to this solicitation, including, but not limited to, pricing, product specifications, work plans, and any supporting data becomes public information and upon request, is subject to release and/or review by the general public including competitors.

24. AMERICANS WITH DISABILITIES ACT:

Respondent shall comply with all applicable provisions of the Americans with Disabilities Act (public law 101-336, 42 USC 12101-12213) and all applicable federal regulations under the act, including 28 CFR parts 35 and 36.

25. FEDERAL IMMIGRATION LAW COMPLIANCE:

As mandated by Arizona Revised Statutes § 41-4401, the District is prohibited after September 30, 2008, from awarding a contract to any contractor or subcontractor that fails to comply with A.R.S. § 23-214(A). The District must also ensure that every contractor and subcontractor complies with federal immigration laws and regulations that relate to their employees and A.R.S. § 23-214(A). Therefore, in signing or performing any contract for the District, the Contractor fully understands that:

A. It warrants that both it and any subcontractors it may use comply with all federal immigration laws and regulations that relate to their employees and their compliance with A.R.S. § 23-214(A);

B. A breach of the warranty described in subsection A, shall be deemed a material breach of the Contract that is subject to penalties up to and including termination of the Contract; and

C. The District or its designee retains the legal right to inspect the papers of any contractor or subcontractor employee who works on the Contract to ensure that the contractor or subcontractor is complying with the warranty under subsection A.

26. PROTESTS:

An interested party may file a protest regarding any aspect of a solicitation, evaluation, or recommendation for award.

27. NON-EXCLUSIVE:

Agreements resulting from this solicitation are non-exclusive and are for the sole convenience of Northwest Fire District which reserves the right to obtain like goods and services from other sources for any reason.

28. CANCELLATION:

District reserves the right to terminate any contract, purchase order, or award, in whole or in part at anytime, when in the best interests of the District, without penalty or recourse. Upon receipt of written notice, contractor shall immediately cease all work as directed by the notice, notify all subcontractors of the effective date of termination and take appropriate actions to minimize further costs to the District. In the event of termination under this paragraph, all documents, data, and reports prepared by the contractor under the contract shall become the property of and be promptly delivered to the District. The contractor shall be entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of the termination. The cost principles and procedures defined by A.A.C. R2-7-701 shall apply.

29. CONFLICTS:

In the event there are inconsistencies between the agreement documents, following is the order of precedence (superior to subordinate); contract or purchase order; special terms and conditions, standard terms and conditions, instructions to bidders, invitation to bid.

30. COOPERATIVE USE OF RESULTING CONTRACT OR PURCHASE ORDER:

As allowed by law, the District has entered into cooperative procurement agreements that enable other Public Agencies to utilize procurement agreements developed by the District. The Contractor may be contacted by participating agencies and requested to provide services and products pursuant to the pricing, terms and conditions defined by the District contract. Minor adjustments are allowed subject to agreement by both Contractor and Requesting Party to accommodate additional cost or other factors not present in the District agreement and are required to satisfy particular Public Agency code or functional requirements and are within the intended scope of the solicitation and resulting agreement. Any such usage shall be in accordance with State, District and other Public Agency procurement rules, regulations and requirements and shall be transacted by contract or purchase order between the requesting party and Contractor. Contractor shall hold harmless the District, its officers, employees, and agents from and against all liability, including without limitation payment and performance associated with such use.

END OF STANDARD TERMS AND CONDITIONS

III. SPECIAL TERMS AND CONDITIONS

1. SCOPE:

- This agreement establishes pricing for one fire department performance and bioterrorism monitoring system.
- The purchase price must include the full cost of software support services for year 1 and indicate recurring support costs in Years 2 onward.

2. SUBMITTAL REQUIREMENTS:

Respondents must submit the following requirements with their bid by the "due in and opens" date listed on page one:

- A. One original and one copy of IFB pages 12-16 with appropriate signatures.
- B. An Indication of compliance with specifications contained in Appendix A. be sure to check boxes if your firm's solution provides these features.
 - a. Attach additional sheets if explanation is necessary.
 - b. For example, if your solution exceeds the listed requirement
- C. Any additional literature, catalogs, etc that may describe the items, if applicable

Failure to submit a complete bid package by the "due in and opens" date and time may be grounds for deeming respondent as *non-responsive*.

3. SPECIFICATIONS:

All Goods and Services shall conform to the *Instructions to Bidders*, and *Standard Terms and Conditions* as modified or added to by the following Specifications:

The item specifications are as follows.

Item #	Description
1	Mobile Data In-Vehicle Modem System

Additional specifications are attached for the Fire Mobile Data in Vehicle Modem System in Appendix A.

4. BRAND NAMES:

Any brand names, models or numbers used in the specifications are for the purpose of describing and/or establishing the level of quality, equivalent performance and dimensional specification required. Any such reference is not intended to limit or restrict any offer. Any offer which proposes like quality, design or performance, will be considered.

5. ORDERING

Releases will be made by the DISTRICT against the purchase order under this Agreement. Releases will be made by a Purchase Order initiated by the Purchasing Agent. A written invoice will be provided for each PO received. The invoice shall be mailed to Administration at the address listed on page 1. A copy of the invoice shall be faxed to the Warehouse at 520-547-1928.

Contract administration for the District may be performed by the Purchasing manager – Lana O'Hara <mailto:lohara@northwestfire.org> or Chief of Logistics, Doug Emans DEmans@northwestfire.org or the Northwest Fire District Finance Department.

Quantities referred to are estimated quantities, and Northwest Fire District reserves the right to increase or decrease these amounts as circumstances may require. No guarantee is made as to the actual quantity of item or items that will be

purchased during the term of the agreement. Any increase in excess of a specified Line Item quantity must be made through a full executed change order or amendment to this Agreement. Northwest Fire District shall not be responsible for any overstock by Supplier.

6. PRICING

All Unit Prices shall include all incidental and associated costs to comply with the Instructions to Bidders, Standard Terms and Conditions and these Special Terms and Conditions.

All pricing shall be "FOB destination, freight pre-paid" and included in the purchase price to the following destination(s): Various Northwest Tucson locations, Tucson, AZ 85743.

7. ACCEPTANCE:

Acceptance of the goods and services defined by the agreement shall be given by Purchasing Agent, **Lana O'Hara 520-887-1010 x 2803**

8. BILLING:

Seller shall submit Request(s) for Payment/Invoices to: NWFD Finance Department for goods and services provided in accordance with the agreement. Said documents shall reference the District Contract # under which the charges are authorized and assign and reference all charges to a particular line item defined by the agreement.

Invoices are not considered received until verified and received by the Finance Department.

9. DELIVERY:

As defined by the Standard Terms "On-Time" delivery is an essential part of the consideration to be given to the DISTRICT under the agreement. Delivery will be made in accordance with the Instructions to Bidders, Standard Terms and Conditions and to the location(s) referenced on the Purchase Order or Contract.

10. PROCUREMENT CONTACT:

Questions regarding this solicitation should be submitted in writing to Communications Coordinator , Jim Long All submittals shall reference the Solicitation Number and Title. Questions submitted within 8 days of the solicitation Due Date may not be answered.

Fax: (520) 547-1928 email: <mailto:lohara@northwestfire.org>

USPO Mail or deliver to the following address:

Northwest Fire District Warehouse Department; 7375 N. Star Commerce Way, Tucson, AZ 85743

VERBAL REQUESTS FOR CLARIFICATIONS OR INTERPRETATIONS WILL NOT BE ACCEPTED.

END OF SPECIAL TERMS AND CONDITIONS

SPECIAL PRICING NOTE:

Funding for this initial part of project has been secured via grant funds. The intent of this initial phase of the project is to provide all front line responding units (Engines, Rescues, Ambulances, Ladders) with the capability to connect at high speeds to the CAD system and to operate the patient care reporting system. This project may expand to include all fire department vehicles in the future. Pricing should reflect any volume discounts available and the proposed cost for an individual device.

IV. PRICE BID (ONE PAGE)
FOR SOLICITATION # 1102**VENDOR NAME:** _____

Item #	Description	Product Offered - List Manufacturer and #	Estimated Quantity	UOM	Unit Price \$	Extended Amount
1	Mobile Data in Vehicle Modem System		37 +	Ea.		
2	Installation Cost		37 +			

Guaranteed Delivery A.R.O.: _____

Provide the number of business days that delivery is guaranteed after Receipt of Order, or Order Release.

SALES TAX TYPE	ITEM #S AFFECTED	TAXING JURISDICTION	SALES TAX %	SALES TAX \$ (IF ANY)

SIGNATURE: _____ DATE: _____

PRINTED NAME & TITLE OF AUTHORIZED REPRESENTATIVE SIGNING THE BID

PHONE AND E-MAIL: _____

END OF PRICE BID

V. OFFER AND ACCEPTANCE

RESPONDENT SHALL COMPLETE THE FOLLOWING INFORMATION IN INK AND SUBMIT WITH THEIR BID

Print or type in ink the requested information. **TYPEWRITTEN RESPONSES ARE PREFERRED.**

OFFER

TO THE NORTHWEST FIRE DISTRICT

The Undersigned hereby offers and agrees to furnish the material or service in compliance with all terms, conditions, specifications, and amendments in the Invitation for Bid and any written exceptions in the offer. Signature also certifies understanding and compliance with paragraph (1) of the Northwest Fire District Standard Terms and Conditions.

For clarification of this offer, contact:

_____ Company Name		
_____ Address		
_____ City	_____ State	_____ Zip

Name: _____

Phone: _____

Fax: _____

E-mail: _____

Signature of Person Authorized to Sign

Printed Name

Title

ACCEPTANCE OF OFFER

The Offer is hereby accepted.

The Contractor is now bound to sell the materials or services listed by the attached contract and based upon the Invitation for Bid, including all terms, conditions, specification, amendments, etc. and the Contractor's Offer as accepted by the District.

This contract shall henceforth be referred to as Contract No. 1102. The Contractor has been cautioned not to commence any billable work or to provide any material or service under this contract until Contractor receives purchase order.

NORTHWEST FIRE DISTRICT, a political subdivision

Approved as to form this _____ day of _____, 2011. Awarded this _____ day of _____, 2011.

Jeff Piechura
As Northwest Fire District Fire Chief and not personally

George Carter
As Northwest Fire District Chair and not personally

VI. APPENDIX A. SPECIFICATION

1. IN VEHICLE MODEM:

The required system will be utilized by Northwest Fire District Fire/Rescue Services (NWFD hereinafter referred to as "The District". This system shall be a commercial off-the-shelf (COTS) hardware device capable of supporting one or more common carrier USB or PCMCIA style 3G/4G/LTE style wireless access device. We are seeking a turnkey solution which includes a device for supporting connectivity to the cellular data network(s) and to a local LAN by 802.11a/b/g/n, a protective enclosure, and installation services. This solution will include installation services with the proposer functioning as Prime Contractor. A list of vehicles can be provided for level of effort estimating.

2. PURPOSE:

The purpose of this Invitation for Bid (IFB) is to obtain pricing and establish a onetime contract to purchase a commercial off-the-shelf (COTS) hardware device for the transport of data between our first response units and the City of Tucson Computer aided dispatch system. It is also our intent to utilize this device to communicate with nearby electronic Patient Care Reporting computers. These computers will connect to the proposed device via WiFi (802.11 A/B/G/N) and subsequently to a host computer via the internet for the entry of patient specific information.

3. SPECIAL CONDITIONS

Inquiries

Any questions which may arise as a result of this solicitation may be addressed to Lana O'Hara Contract Officer at (520)-887-1010 extension 2803 or by email to lohara@northwestfire.org or faxed to (520)547-1928. Inquiries must be received at least 7 business days prior to the due date in order to be considered. Contact initiated by a bidder concerning this solicitation with any other County representative, not expressly authorized elsewhere in this document, is prohibited. Any such unauthorized contact may result in disqualification of the bidder from this solicitation.

4. SPECIFICATIONS

Instructions – Check each box that your solution currently provides. If you system capability partially provides or is a planned future capability, please leave the box blank and attach an explanation referring to the section / bullet item number.

4.1 Network

☐ The system shall provide a robust and resilient infrastructure designed to quickly and automatically identify and mitigate problems and maximize system uptime.

1. ☐ The system shall be supported by a 24/7 on-call support technician.
2. ☐ The system shall provide a method for remote management of the device(s)

3. ☐ The system shall provide a method to securely connect to a central server and to encrypt any data sent wirelessly.
4. ☐ The system will automatically re-establish connection to the cellular data network should connection be lost. Automatic means without intervention by the fire vehicle operators.

4.2 Device Support

1. ☐ The system shall support either a USB or PCMCIA based cellular carrier data card. A current list of supported devices shall be attached to the bid response.
2. ☐ The system shall be capable of upgrade or changing of data cards to support future and projected available technologies such as 4G/LTE/Public Safety Broadband network.
3. ☐ The system shall provide at least one FastEthernet connection.

4.4 Physical Installation

1. ☐ The Device will operate in a temperature range -30° to +60° Centigrade, 0%-95% Humidity and meet MIL Standard 810F certification for operating temperature and vibration.
2. ☐ The Device shall be installed within a ruggedized enclosure to protect the device from routine / potential damage that can occur in the passenger compartment of a Fire Response vehicle.
3. ☐ The Device should provide the ability to physically secure components to prevent tampering.
4. ☐ The Device shall include all necessary components including but not limited to antennas, cables and hardware to provide WiFi, and cellular network access to client computers.
5. ☐ The Device shall be designed to operate on a 12 volt negative-ground vehicle power system

4.6 Data Encryption

1. ☐ The system shall automatically prepare data for transmission to data centers, internally behind the deployment site firewall. Data shall be compressed to decrease network bandwidth usage and improve efficiency.
2. ☐ The system shall automatically encrypt data using appropriate and current encryption methods.
3. ☐ The system shall provide the capability to connect to the City of Tucson's computer aided dispatch system AND electronic patient care reporting servers and should not require end users to activate a third party VPN client with multiple logins. If such a third party VPN client is required, it shall provide the ability to utilize the logged in computer user account automatically as an authentication ID.
4. ☐ After authentication, the encrypted data shall be transmitted to the target data center via secure socket layer (SSL) 128-bit encryption.
5. ☐ VPN client support shall include at least native IPsec with support for additional clients such as OpenVPN and Cisco XAuth preferred.

4.6 GPS/AVL

1. ☐ The system shall include a GPS capability that should be fluent in both NMEA and TAIP data formats.
2. ☐ Capability shall be provided to direct the GPS data towards a server on the Internet as well as direct the GPS data to an internal client computer for integration with the CAD system and such data transfer should be possible via either UDP or TCP protocols.

4.7 Other Technical Parameters

1. ☐ The system shall support both IPv4 and IPv6 addressing.