THE CITY OF EDINBURG

NOTICE TO BIDDERS

The City of Edinburg is soliciting sealed bids to be received by the City Secretary's Office located at 415 W. University Drive, Edinburg, Texas 78541. City of Edinburg normal business days are Monday through Friday between the hours of 8:00 a.m. to 5:00 p.m. and shall be closed on recognized holidays.

Bids will be received until **3:00 p.m. Central Time**, on **Monday, December 22, 2014**, shortly thereafter all submitted bids will be gathered and taken to the Edinburg City Hall Community Room, 1st Floor, to be publicly opened and read aloud. Any bid received after the closing time will not be accepted and will be returned to the bidder unopened. It is the responsibility of the bidder to see that any bid submitted shall have sufficient time to be received by the City Secretary's Office prior to the bid opening date and time. The receiving time in the City Secretary's Office will be the governing time for acceptability of the bids. Bids will not be accepted by telephone or facsimile machine. All bids must bear original signatures and figures. The Bid shall be for:

BID NO. 2015-42
PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS

Bidding documents can be downloaded from the City of Edinburg web page address: www.cityofedinburg.com, or may obtain copies of same by contacting the office of: LORENA FUENTES, PURCHASING AGENT, LOCATED AT 415 W. UNIVERSITY DRIVE, Edinburg, TX 78541 by calling (956) 388-1895 or by e-mailing your request to the following e-mail address: lfuentes@cityofedinburg.com

If you have any questions or require additional information regarding this bid, please contact Mr. Shawn Snider, Fire Chief, at (956) 383-7691.

If Hand-delivering Bids: 415 West University Drive,
C/o City Secretary Department (1st Floor)

If using Land Courier (i.e., FedEx, UPS): City of Edinburg
C/o City Secretary
415 West University Drive
Edinburg, Texas 78541

If Mailing Bids: City of Edinburg
C/o City Secretary
P.O. Box 1079
Edinburg, TX 78540-1079

The City of Edinburg reserves the right to refuse and reject any or all bids and to waive any or all formalities or technicalities and to accept the bid deemed most advantageous to the City, and hold the bids for a period of **60** days without taking action.

Bids must be submitted in an envelope sealed with tape and prominently marked on the lower left hand corner of the bid envelope with corresponding bid number and title.

CITY OF EDINBURG
INSTRUCTIONS TO BIDDERS

DEVIATION FROM SPECIFICATION

Please read your specifications/requirements thoroughly and be sure that the SERVICES offered comply with all specifications/requirements. Any variation from the specifications/requirements must be clearly indicated by letter attached to your bid referencing variations on a point-by-point basis. If no exceptions are noted, and you are the successful bidder, it will be required that the SERVICES be provided as specified.

PURPOSE

1. The purpose of these specifications/requirements and bidding documents is for the purchase of FIVE (5) THERMAL IMAGER CAMERAS for the City of Edinburg, Fire Department.

2. The SERVICES to be furnished under this bid shall be as specified in these bid documents. All specifications/requirements shown are minimum. There is no intention to disqualify any bidder who can meet these specifications/requirements.

SUBMITTAL OF BID

Bids will be submitted in sealed envelopes upon the blank bid form attached hereto. Submit two (2) complete sets of the bid, one (1) original marked "**ORIGINAL,**" and one (1) copy marked "**COPY**". Each bid must be completely filled out and **SUBMITTED IN ORIGINAL FORM**, complete with all supporting documentation. Bids submitted by facsimile (fax) or electronically will **NOT** be accepted. Submittal of a bid in response to this solicitation for Bids constitutes an offer by the Bidder. Bids which do not comply with these specifications/requirements may be rejected at the option of the City. Bids must be filed with the City of Edinburg, before opening day and hour. No late Bids will be accepted. They will be returned to Bidder unopened (if properly identified).

If Hand-delivering Bids:	415 West University Drive, c/o City Secretary Department (1st Floor)
If using Land Courier (i.e., FedEx, UPS):	415 West University Drive, c/o City Secretary Department (1st Floor), Edinburg, Texas 78541
If Mailing Bids:	P.O. Box 1079, Edinburg, TX 78540-1079

PREPARATION OF BID

Bids MUST give full firm name and address of bidder, and be manually signed. Failure to do so will disqualify your bid. Person signing bid must show title or AUTHORITY TO BIND HIS/HER FIRM IN A CONTRACT.

Firm name and authorized signature must appear on each page that calls for this information. The legal status of the Respondent/Bidder whether corporation, partnership, or individual, shall also be stated in the bid. A corporation shall execute the bid by its duly authorized officers in accordance with its corporate by-laws and shall also list the state in which it is incorporated. A partnership Respondent/Bidder shall give full names and addresses of all partners. All partners shall execute the bid. Partnership and Individual Respondent/Bidder shall state in the bid the names and addresses of all persons with a vested interest therein. The place of residence of each Respondent/Bidder, or the office address in the case of a firm or company, with county and state and telephone number, shall be given after the signature.

INSTRUCTIONS TO BIDDERS (Continued):

ALTERATIONS/AMENDMENTS TO BID
Bids **CANNOT** be altered or amended after opening time. Alterations made before opening time must be initialed by bidder guaranteeing authenticity. No bid may be withdrawn after opening time without acceptable reason in writing and

SALES TAX
State sales tax must not be included in the bid.

SUBSTITUTIONS
No substitutions or cancellations will be permitted without written approval of City of Edinburg.

NO BID RESPONSE
If unable to submit a bid, bidder should return inquiry giving reasons.

EXCEPTIONS
Any additions, deletions, or variations from the following specifications/requirements must be noted. The bidder shall attach to his/her bid sheet a list of any exceptions to the specifications/requirements if unable to do so, on specification sheet.

BRAND OR MANUFACTURER REFERENCE
Unless otherwise specified, any catalog or manufacturer's reference or brand name used in describing an item is merely descriptive, and not restrictive, and is used only to indicate type and style of product desired. Bids on alternate brands will be considered if they meet specification requirements. If a bidder quotes on equipment other than the one(s) specified in the bid, sufficient specifications and descriptive (pictured literature) data must accompany same to permit thorough evaluation. In the absence of these qualifications, he/she will be expected to furnish the product called for.

DELIVERY
Number of days required to deliver SERVICES after receiving order must be stated in the bid. Failure to so state will obligate bidder to complete service delivery within ONE day.

DELAY IN SERVICE DELIVERY
When delay can be foreseen, Bidder shall give prior notice to City of Edinburg. Bidder must keep City of Edinburg advised at all times of status of order. Default in promised service delivery (without acceptable reasons) or failure to meet specifications/requirements, authorizes the City of Edinburg to purchase such SERVICES elsewhere and charge increase in cost to defaulting vendor. Acceptable reasons for delayed delivery are as follows: Acts of God (floods, tornadoes, hurricanes, etc.), acts of government, fire, strikes, war; Actions beyond the control of the successful bidder.

SERVICE DELIVERED PRICING
Bids in units of quantity specified - extend and show total. In the event of discrepancies in extension, unit prices will govern. Bids subject to unlimited price increase will not be considered.

VALID BID TIME FRAME
The City may hold bids 60 days after bid opening without taking action. BIDDERS shall be required to hold their Bids firm for the same period of time.

INSTRUCTIONS TO BIDDERS (Continued):

RIGHT TO REJECT/AWARD

The City of Edinburg reserves the right to refuse and reject any or all Bids, and to waive any or all formalities or technicalities, and to make such awards of contract as may be deemed to be the best and most advantageous to the City of Edinburg.

MULTIPLE VENDOR CONTRACTS

Bidders are advised that the City of Edinburg may award Service Contracts to multiple vendors based on low bid per item basis. All items specified on the "Bid Form" **must** reflect the individual unit prices. The City of Edinburg reserves the right to award all items individually or in any combination thereof.

INDEMNIFICATION CLAUSE

The Bidder agrees to indemnify and save harmless the City, from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted upon request of the Purchasing Agent, as a necessary requirement in connection with the final estimate for payment in which such patented appliance, products or processes are used.

ADDENDA

Bidder shall carefully examine the bid forms, specifications/requirements, and instructions to Bidders. Should the bidder find discrepancies in, or omissions from bid forms, specifications/requirements, or other documents, or should he/she be in doubt as to their meaning, he/she should at once notify the Purchasing Agent (Edinburg City Hall, 956-388-8972) and obtain clarification by addendum prior to submitting any bid. Explanations, interpretations, and supplemental instructions shall be in the form of written Addenda which shall become a part of the Contract documents. Said Addenda shall be mailed, e-mailed, hand delivered and/or faxed, to all prospective Bidders. All Addenda issued in respect to this project shall be considered official changes to the original bid documents. Verbal statements in response to inquiries and/or requests for explanations shall not be authoritative nor binding. It shall be the Bidder(s) responsibility to ensure that they have received all Addenda in respect to this project. Furthermore, Bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the bidder's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original solicitation documents. Failure of any bidder to receive any such addendum or interpretation shall not relieve such Bidder from its terms and requirements. The City may issue a written addendum no later than five calendar days prior to the date bids must be received. Addendums are available online at www.cityofedinburg.com.

PAYMENT

The City of Edinburg will execute payment by mail in accordance with the State of Texas Pay Law after SERVICES have been provided and invoiced. No other method of payment will be considered.

SYNONYM

Where in this bid package ITEMS OR SERVICES is used, its meaning shall refer to the PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS as specified.

ASSIGNMENT

Neither the Bidder's contract nor payment due to an awarded vendor may be assigned to a third party without the written approval of the Purchasing Department for the City of Edinburg.

INSTRUCTIONS TO BIDDERS (Continued):

BIDDER'S EMPLOYEES

Neither the Bidder nor his/her employees engaged in fulfilling the terms and conditions of this Purchase Contract shall be considered employees of the City. The method and manner of performance of such undertakings shall be under the exclusive control of the vendor on contract. The City shall have the right of inspection of said undertakings at any time.

INTERPRETATIONS

Any questions concerning the conditions and/or specifications/requirements with regards to this solicitation for Bids shall be directed to the designated individuals as outlined in the Request for Bids. Such interpretations, which may affect the eventual outcome of this request for Bids, shall be furnished in writing to all prospective Bidders via Addendum. No interpretation shall be considered binding unless provided in writing by the City of Edinburg in accordance with paragraph entitled "Addenda".

STATUTORY REQUIREMENTS

It shall be the responsibility of the successful Bidder to comply with all applicable State & Federal laws, Executive Orders and Municipal Ordinances, and the Rules and Regulations of all authorities having jurisdiction over the work to be performed hereunder and such shall apply to the contract throughout, and that they will be deemed to be included in the contract as though written out in full in the contract documents. (To include issues related to health, environmental, and safety to name a few.)

RIGHT TO WAIVE

City of Edinburg reserves the right to waive or take exception to any part of these specifications/requirements when in the best interest of the City of Edinburg.

COOPERATIVE PRICING

Bidders are advised that in addition to responding to our "local" solicitation for bids/Bids with Dealer pricing, vendors/contractors are encouraged to provide pricing on the below referenced items/products/services based on BuyBoard, TX-MAS, H-GAC and/or any other State of Texas recognized and approved cooperative which has complied with the bidding requirements for the State of Texas. If bidding other than or in addition to "dealer" pricing, kindly duplicate the bid forms for each bid being provided from a cooperative contract. Any and all applicable fees must be included. All cooperative pricing must be submitted on or before bid opening date and hour.

TIME ALLOWED FOR ACTION TAKEN

The City of Edinburg may hold bids **60** days after the opening of Bids without taking action. Bidders are required to hold their Bids firm for same period of time.

PREPARATION OF BID

The City of Edinburg shall not be held liable for any costs incurred by any bidder for work performed in the preparation of and production of a bid or for any work performed prior to execution of contract.

CONFIDENTIAL INFORMATION

Any information deemed to be confidential by the bidder should be clearly noted on the pages where confidential information is contained; however, the City cannot guarantee that it will not be compelled to disclose all or part of any public record under Texas Public Information Act, since information deemed to be confidential by the bidder may not be considered confidential under Texas Law, or pursuant to a Court order.

INSTRUCTIONS TO BIDDERS (Continued):

VERBAL THREATS

Any threats made to any employee of the City, be it verbal or written, to discontinue the providing of item/material/services for whatever reason and/or reasons shall be considered a breach of contract and the City will immediately sever the contract with the Vendor on contract.

MATHEMATICAL ERRORS

In the event that mathematical errors exist in any bid, unit prices/rates -v- totals, unit prices/rates will govern.

AUDIT

The City of Edinburg reserves the right to audit the vendor's books and records relating to the performance of this contract. The City of Edinburg, at its own expense, shall have the right at all reasonable times during normal business hours and upon at least twenty-four (24) hours' advance notice, to audit, to examine, and to make copies of or extracts from the books of account and records maintained by the vendor(s) with respect to the Supply/Service and/or Purchase Contract. If such audit shall disclose overpayment by City to vendor, written notice of such overpayment shall be provided to the vendor and the amount of overpayment shall be promptly reimbursed by vendor to the City. In the event any such overpayment is not paid within ten (10) business days after receipt of such notice, the unpaid amount of such overpayment shall bear interest at the rate of one percent (1%) per month from the date of such notice until paid.

PAST PERFORMANCE

Vendor's past performance shall be taken into consideration in the evaluation and award of Service Contract for the Purchase of SERVICES.

JURISDICTION

Contract(s) executed as part of this solicitation shall be subject to and governed under the laws of the State of Texas. Any and all obligations and payments are due and performable and payable in Hidalgo County, Texas.

VENUE

The parties agree that venue for purposes of any and all lawsuits, cause of action, arbitration, and/or any other dispute(s) shall be in Hidalgo County, Texas.

CONFLICT OF INTEREST

CHAPTER 176 OF THE TEXAS LOCAL GOVERNMENT CODE

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the vendor or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the records administrator of the City of Edinburg not later than the 7th business day after the date the person becomes aware of facts that require the statement be filed. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. For more information or to obtain Questionnaire CIQ go to the Texas Ethics Commission web page at www.ethics.state.tx.us/forms/CIQ.pdf.

IF YOU HAVE ANY QUESTIONS ABOUT COMPLIANCE, PLEASE CONSULT YOUR OWN LEGAL COUNSEL. COMPLIANCE IS THE INDIVIDUAL RESPONSIBILITY OF EACH PERSON OR AGENT OF A PERSON WHO IS SUBJECT TO THE FILING REQUIREMENT. AN OFFENSE UNDER CHAPTER 176 IS A CLASS "C" MISDEMEANOR.

INSTRUCTIONS TO BIDDERS (Continued):

AWARD

For purposes of this project, award will be contingent on approval of budget.

SPECIAL CIRCUMSTANCES

In the event that the City of Edinburg has an immediate need for a particular service(s) that is/are on contract and the successful vendor on contract is not able to meet the special service delivery needs of the City of Edinburg, the City of Edinburg reserves the right to purchase such services elsewhere to fulfill its' immediate need.

TERMINATION OF CONTRACT

The City of Edinburg reserves the right to terminate the contract if, in the opinion of the City of Edinburg, the successful vendor's performance is not acceptable, if the City is being repeatedly over charged, improperly charged, no funds are available, or if the City wishes, without cause, to discontinue this contract. Termination will be in written form allowing a 30-day notice. The bidder shall be afforded the same right to terminate this contract in the same manner.

INSURANCE REQUIREMENTS

Staff may waive insurance requirements for contracts $0 - $4,999.99, including but not limited to contracts for food, materials, supplies, and construction. Workers' Compensation in amounts which satisfy statutory coverage shall be required for construction projects.

The following insurance requirements will be included in all City contracts of $5,000 - $14,999.99. In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of $100,000 per claim.

Minimum Insurance Requirements	
Type of Coverage	**Limits of Liability**
Worker's Compensation	Statutory Coverage
Comprehensive General Liability (City named as additional insured) Bodily Injury	$250,000 each person/$500,000 each occurrence
Property Damage	$100,000 each occurrence/$100,000 aggregate or $500,000 combined single limits

The following insurance requirements will be included in all City contracts of $15,000 or more.

(1) The successful bidder will be required to carry the following insurance coverage and limits of coverage, as well as list the City as an additional insured to liability coverage as requested by the City. In addition, the successful bidder shall provide the City with evidence of coverage and furnish acceptable proof of payment of insurance premiums.

(2) The successful bidder will be required to secure and/or have insurance coverage in force with an admitted property and casualty insurance company licensed by the State of Texas to conduct business in the State of Texas.

INSTRUCTIONS TO BIDDERS (Continued):

(3) In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of $100,000 per claim.

Minimum Insurance Requirements	
Type of Coverage	**Limits of Liability**
Worker's Compensation	Statutory Coverage
Employer's Liability	Bodily Injury by Accident: $100,000 each accident Bodily Injury by Disease: $100,000 each employee/$500,000 policy limit
Comprehensive General Liability Bodily Injury	$250,000 each person/$500,000 each occurrence
Property Damage	$100,000 each occurrence/$100,000 aggregate or $500,000 combined single limits
Comprehensive Auto Liability Bodily Injury	$100,000 each person/$500,000 each occurrence
Property Damage	$100,000 each occurrence/$100,000 aggregate or $500,000 combined single limits
City's Protective Liability Bodily Injury	$250,000 each person/$500,000 each occurrence
Property Damage	$100,000 each occurrence/$100,000 aggregate or $500,000 combined single limits

Policies must name the City of Edinburg as an Additional Insured.
Certificates of insurance naming the CITY as an additional insured shall be submitted to the CITY for approval prior to any services being performed by Contractor. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty (30) days written notice to the CITY prior to the cancellation of any such coverage on the termination date, or otherwise. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence that adequate replacement coverage is provided to the CITY. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, the Contract shall automatically terminate.

BID BOND INFORMATION – *CONSTRUCTION PROJECTS ONLY*
If the contract amount is over twenty-five-thousand dollars ($25,000) for construction of the project, the successful bidder shall provide a bid guarantee, give a good and sufficient bond in the full amount of the contract price for the faithful performance of such contract, executed by a surety company authorized to do business in the State of Texas, in accordance with Article 5160, Vernon's Texas Civil Statutes, and amendments thereto. A payment bond in the full

INSTRUCTIONS TO BIDDERS (Continued):

amount of the contract price to assure payment shall be required by law of all persons supplying labor and material in the execution of the project provided for in the contract documents.

A bid guarantee equivalent to five percent (5%) of the bid price will be required from each bidder. The "bid guarantee" shall consist of a firm commitment, such as a bid bond, certified check or other negotiable instrument accompanying a bid as assurance that the bidder will upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.

A performance bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

A payment bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "payment bond" is one executed in connection with a contract to assure payment, as required by law, of all persons supplying labor and material in execution of the work provided for in the contract documents.

CITY OF EDINBURG
REQUEST FOR BIDS FOR
PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS

BID NO. 2015-42

BID OPENING DATE: December 22, 2014 at 3:00 p.m.

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned **FIVE (5) THERMAL IMAGER CAMERAS.**

GENERAL REQUIREMENTS AND AGREEMENT FOR PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS

The specifications herein describe the minimum acceptable quantities and product requirements for the purchase of **FIVE (5) THERMAL IMAGER CAMERAS** for the City of Edinburg, Fire Department. Bidders are to have thoroughly read and understood these specifications prior to bid submission.

The specifications listed below are minimum requirements and are intended to govern, in general, the size and material desired. The City of Edinburg reserves the right to evaluate variations from these specifications. Quantities estimated are approximate, based on a projected quantities needed. However, the City may choose to order more or less of the product bid than the estimated amounts. The unit bid prices acquired for this contract are to remain the same whether the City buys more or less than the estimated quantities of the product bid.

EDINBURG FIRE DEPARTMENT
P.O. Box 1079 • 212 West McIntyre Street
Edinburg, Texas 78539
Office: (956) 383-7691 ♦ Fax: (956) 289-1853

THERMAL IMAGER CAMERA

Bid Specification

Specification Purpose

This specification establishes minimum standards for thermal imaging cameras and associated battery charging systems. Thermal imaging cameras are tools for firefighters and first response emergency personnel that are used for search and rescue, fire scene size-up, overhaul, location of victims, and advanced firefighting and first response applications.

Specification Type

The thermal imaging cameras covered by this specification shall be of the type incorporating 320X240 vanadium oxide microbolometer focal plane array sensor. The TIC displays black and white scene representations on 3.5" diagonal LCD display. The design is optimized for firefighters in ergonomic design and ease of incorporation with firefighting gear. It will feature a dual-handle design for one-handed operation, easy handoff and handling and high-impact, heat-resistant housing to ensure that the TIC withstands the rigors of firefighting environments. Also the TIC is further enhanced by rubber bumper system to provide additional protection from extremely harsh environments.

The TIC shall be tested to and comply with the following standards:

NFPA compliance	NFPA 1801-2013 Edition
Water/dust ingress	International Standard CEI, IEC 529, IP67 Classification
Direct flame/heat exposure	NFPA 1801-2013 Edition
Radio frequency interference	IEC 61000-6-3, IEC 61000-6-2, FCC Part 15
Rollover (truck charger)	Simulated NFPA 1901-12, 1.7
Non-explosive rating	ANSI/UL 12.12.01 (Class I, Div. 2, Groups C and D)

TIC Components

TIC, kits and accessories can be purchased individually. The TIC shall consist of component parts direct temperature measurement, Heat Seeker PLUS Indicator, 2X and 4X digital zoom, 6 user-selectable color palettes, laser pointer, distance range finder, & magnetic compass. Components are sold in kit format and/or individually, consisting of lithium-ion battery packs; /vehicle cup holder; dual battery charger with wall plug and cigarette lighter adapter; truck-mounted charging system and attachments consisting of: Carabiner, wrist strap, shoulder strap, retractable lanyard, and carrying case.

Sensor Technology

The sensor shall be an uncooled vanadium oxide microbolometer focal plane array detector, with an array size of 320X240, a spectral response of 7.0-14.0 microns, Netd ≤78mK max. ≤40mK typ. (in High Sensitivity), ≤234mK (in Low Sensitivity), dynamic range of -40° to 320°F (-40°C to 160°C) in High Sensitivity, -40°F to 1112°F, (-40°C to 600°C) in Low Sensitivity.

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Mechanical Requirements

Dimensions shall be 7.3" x 4.8" x 11.6" (185 mm x 122 mm x 295 mm) with base weight of 42.4 oz. (2.65 lbs/1.2 kg).
Outer case and bumper materials pass NFPA 1801:2013 edition direct flame and heat exposure tests.
Outer housing is of polyphenylsulfone with flame-retardant silicone rubber bumpers.
Display cover is constructed of UV-stabilized polycarbonate with NFPA anti-scratch coating. Camera floats in water.

Electrical Requirements

Power is supplied by integral battery pack; power consumption is <6 w nominal.
USB ports comprise 1 configuration.
Display is 3.5" backlit LCD.

Configuration Requirements

The camera will be configurable on the camera or on a PC application. It must come with software for PC configuration. It must be capable of adding 3 lines of text to the startup screen. The TIC must have a mini USB port in the battery compartment to attach the cable to connect to the computer.

Environmental Requirements

Ambient temperature operating times are:

80° C, 176° F	> 30 minutes
120° C, 248° F	> 20 minutes
260° C, 500° F	> 6 minutes
-30° C, -22° F	> 40 minutes
-40° C, -40° F	> 25 minutes.

Water/Dust Ingress

TIC shall resist dust and water and must conform to International Standard CEI IEC 529; Degrees of Protection Provided by Enclosures (IP Code); IP67 classification.

Impact/Drop

TIC will survive 6-ft drop at any angle with no operational defaults or outer housing physical compromise.

RFI/EMC

The TIC should not interfere with standard firefighter frequency bands at power levels found in hand-held (3-5W) and vehicle-mounted systems (~100W).
Communication/electronic devices cannot affect TIC to the point where navigation is compromised when TIC is subjected to RF interference of 80 MHz to 1 GHz at 30V/m.
The TIC must meet RFI emissions and IEC susceptibility.

Optical Requirements

The Lens shall be 9mm and F1.25, field of view of 48° horizontal and 37° vertical.
Focus shall be optimal 3 ft to ∞ (1m to ∞).
Digital zoom shall be 2X and 4X.

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Battery Status Indicators

Total battery capacity shall be indicated in viewing area with row of 4 LEDs, functioning as follows:

- 4 green LEDs indicate 75% to 100% capacity
- 3 green LEDs indicate 50% to 75% capacity
- 2 yellow LEDs indicate 25% to 50% capacity
- 1 red LED indicates less than 25% capacity
- 1 red (flashing) LED indicates less than 5 minutes remaining.

On-screen shutter indicator appears as small block in upper left display corner when camera shutters indicate that area re-scan is necessary.
On-screen low sensitivity indicator appears as green triangle in upper left screen portion, indicating activities when TIC is in Low Sensitivity.

Over-Temperature Warning

Warning shall be indicated via on-screen red triangle in display's upper center.
When not lit, TIC is within operational thermal limits.
Flashing red TIC has exceeded recommended operational thermal limits.

Rechargeable Lithium-Ion Battery Pack

Battery type shall be rechargeable lithium-ion battery pack, with pack located inside of handle; pack weight of 3.2 oz.
Operating time shall be 3.5 hours nominal, 4 hours maximum.

Vehicle-Mounted Charger

The vehicle-mounted charger will charge TIC and 1 spare battery when properly installed. Each vehicle charger includes an installation/mounting kit.
Charger will draw less than 1.5 amps of power.
Battery charge time is 4 hours nominal, trickle maintenance charge; power supply is 12-24 VDC.
Vehicle-mounted charger must safely charge TIC while in a moving vehicle.
Vehicle-mounted charger must meet rollover requirements identified in NFPA 1901-12-1.7. Dimensions are 10 3/8" L, 5 3/4"W, 6"H.
Vehicle-mounted charger LED indicators are comprised of camera charging indicator on camera front panel with LEDS as follows: red: charging, green: complete.
Spare battery charging indicator located on charger indicates status as follows: red: charging, green: complete.

Attachments and Carrying Options

TIC shall come equipped with 3 carabiner attachment points.
Battery charger kits shall come with carabiner for securing TIC to tool belt or other gear and retractable lanyard for use with TIC/carabiner assembly.
Retraction line is to be made of Kevlar core material; housing is to be heat-resistant.

Operation and Instruction Manual

Comprehensive manual includes all aspects of use, care and camera maintenance.
Quick-start guide easy reference card covers basic camera operation.
Online video training includes camera use, care and maintenance, with available certification.

Email: ssnider@cityofedinburg.com ♦ Websites: www.edinburgvolfd.org ♦ www.cityofedinburg.com

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Direct Temperature Measurement

Tool is integrated within TIC without add-on devices, with measurement taken from FPA. Temperature range shall be:

-40° to 320°F (-40°C to 160°C) in High Sensitivity
-40°F to 1112°F, (-40°C to 600°C) in Low Sensitivity.

Tick marks occur at:

75°F, 150°F and 225°F (24°C, 65°C and107°C) in High Sensitivity
250°F, 500°F and 750°F (120°C, 260°C and 399°C) in Low Sensitivity.

Accuracy will be ± 18°F (10°C) or ±10%, whichever is greater.
Thermometer-style readout bar indicator in Fahrenheit or Celsius is available.
Digital temperature feature displays approximate number value of object temperatures located in spotter.

Heat Seeker PLUS Indicator

Tool is integrated within TIC without add-on devices, with measurement taken from FPA.
Readout is of graduated color (yellow to orange to red) of portions of scheme that are above 275°F, (135°C)-yellow, 297°F (147°C)-red, in High Sensitivity, or 842°F (450°C)-yellow, 914°F, (490°C)-red, in Low Sensitivity mode.

User-Selectable Palettes

Palette tool is integrated within TIC without add-on devices.
User-selectable palette offers 6 options: white hot, black hot, and color options fusion, fire and ice, rainbow.

Magnetic Compass

Compass is integrated inside TIC without add-on devices, with accuracy of ±10°.

Laser Pointer

Laser pointer is integrated inside TIC without add-on devices.

Distance Range Finder

Tool is integrated within TIC without add-on devices, with effective distance of 16-210 ft (5-70m) and accuracy of ±3 ft (1m).

CITY OF EDINBURG
BID FORM FOR
PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS

BID NO. 2015-42

BID OPENING DATE: December 22, 2014 at 3:00 p.m.

I/We submit the following bid in **ORIGINAL FORM** for **PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS** according to City of Edinburg requirements, less tax:

NOTE: In addition to responding to our "local" solicitation for bids/proposals vendors/contractors are encouraged to provide pricing on the above referenced items/products/services based on Buyboard, H-GAC, TXMAS and/or any other State of Texas recognized and approved cooperative which has complied with the bidding requirements for the State of Texas (any and all applicable fees must be included). All cooperative pricing must be submitted on or before bid/proposal opening date and hour.

CHECK ONE

☐ **BUYBOARD** ☐ **H-GAC** ☐ **TXMAS** ☐ **DEALER/LOCAL**
☐ **TX DIR** ☐ **TFC** ☐ **OTHER** _____
Specify

CONTRACT NUMBER: _____ (If applicable) COMMODITY NUMBER: _____ (if applicable)

ITEM	ESTIMATED QUANTITIES	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	5	THERMAL IMAGER CAMERAS	$_____	$_____
2		**GRAND TOTAL**		$_____

Note: The City reserves the right to consider each group as a separate bid and award any or all, whichever may be more advantageous to the City. The City reserves the right to increase or decrease the quantities depending on availability of funds.

BID FORM FOR PURCHASE OF FIVE (5) THERMAL IMAGER CAMERAS (Continued):

All Addenda issued in respect to this project shall be considered official changes to the original bidding documents. It shall be the Bidder(s) responsibility to ensure that all Addenda have been received. Furthermore, bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the vendor's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original bidding documents.

Does the Company have an office located in Edinburg, Texas? Yes _____ No_____

Has the Company ever conducted business with the City of Edinburg? Yes _____ No_____

Respectfully submitted this _____ day of _____, 2014.

SIGNATURE: _____

TYPE/PRINT NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

_____

TELEPHONE NO.: _____

FAX NO.: _____

EMAIL: _____