

CITY OF OPELIKA

PURCHASING DEPARTMENT

INVITATION TO BID

**LILLIE FINLEY
PURCHASING-REVENUE MANAGER**

OFFICE: (334) 705-5120

FAX: (334) 705-5128

BID DATA

BID NUMBER: B15-021

COMMODITY TITLE: Thermal Imaging
Cameras

USER DEPARTMENT: Fire

BUYER: Lillie Finley

BUYER TELEPHONE: (334) 705-5120

ISSUE DATE: May 26, 2015

BID OPENING

DAY/DATE: June 22, 2015

TIME: 2:00 PM

LOCATION: Opelika City Hall
Conference Room

MAILING ADDRESS: City of Opelika
Purchasing Dept
PO Box 390
Opelika, AL 36803-0390

The City of Opelika Purchasing Department will receive sealed bids for Three **(3) New Thermal Imaging Cameras** as per attached specifications for the Fire Department. Bids must be **received by 2:00 PM on June 22, 2015**. Late bids will not be opened nor returned.

BIDS MAY BE MAILED TO:
City of Opelika
Purchasing Department
PO Box 390
Opelika, AL 36803-0390

BIDS MAY BE DELIVERED TO:
City of Opelika
Purchasing Department
204 S. 7th Street
Opelika, AL 36801

GENERAL TERMS AND INSTRUCTIONS

SECTION I TERMS AND CONDITIONS

- 1.1 All bids submitted shall be firm for a minimum of 60 days, unless otherwise specified.
- 1.2 The City reserves the right to cancel or make null and void any purchase order, if delivery cannot be made on the specified delivery date.
 - 1.3.1 In case of default by the contractor, the City may procure the articles or services from other sources and hold the contractor responsible for any excess cost occasioned thereby.
- 1.3 **All items shall be delivered F.O.B. destination.** Delivery costs and charges shall be included in the bid, unless otherwise stated in the specifications or proposal.
- 1.4 The name and manufacturer, trade name, manufacturer or vendor catalog number mentioned in specifications and proposal sheet is for the purpose of designating a minimum standard of quality and type and for no other reason. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any items unless, otherwise stated in the specifications or proposals.
- 1.5 Bid tabulations will not be given over the telephone. Vendors desiring a bid tabulation shall enclose a stamped and self addressed envelope with their bid.
- 1.6 Bid awards are not official until a purchase order is issued or the Purchasing Department notifies the successful vendor in writing
- 1.7 The successful vendor shall ensure meeting delivery instructions.
- 1.8 Vendors not listed on the City's bid list shall submit with the bid, a completed W-9 form (attached).
- 1.9 By signing this contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be

deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

SECTION II SUBMISSION OF BID

- 2.1 Bids received after the designated date and time will not be opened nor returned.
- 2.2 All bids shall be submitted on and in accordance with forms for this purpose, which are available from the Purchasing Department. Additional supplementary documentation, when requested, shall be submitted on the bidder's letterhead.
- 2.3 All bids are to be submitted in sealed, plainly marked envelopes. Envelopes shall be marked in the bottom left corner with the Title of the Invitation to Bid, the Bid Number and the Opening Date. Facsimile and telephone bids will not be accepted.
- 2.4 All bids shall be typewritten or completed in black ink.
- 2.5 An authorized officer or agent of the company submitting the bid in order to be considered must sign all bids.
- 2.6 Bid documents shall be submitted, in **DUPLICATE**, to the City of Opelika, Purchasing Department.
- 2.7 Bids which show any omission, irregularity, alteration of forms, additions not called for, conditional or unconditional unresponsive bids may be rejected.
- 2.8 Any bid submitted with corrected errors shall have the correction initialed by the person signing the bid.

SECTION III BID EVALUATION

- 3.1 The City reserves the right to evaluate all bids, waive any technical or informalities, reject any and/or all bids and proposals, and further specifically reserves the right to make the award and/or awards in the best interest of the City.
- 3.2 The bid evaluation will be made on the following criteria:
 - 3.2.1 Bid Price
 - 3.2.2 Compliance with specifications
 - 3.2.3 Ability to deliver product or service
 - 3.2.4 Prompt pay discount, if offered, and meeting requirements of **Section 3.4
 - 3.2.5 Availability of warranty service and parts
 - 3.2.6 Delivery date
- 3.3 The City may waive minor differences in specifications, provided these differences do not violate the specification intent, materially affect the operation for which the item or items are being purchased nor increase the estimated maintenance and repair cost to the City.

- 3.4 In order for a prompt pay discount to be considered as a factor in the award of this bid, the minimum days allowed for payment to receive discount shall be 15 days after receipt of a correct invoice.
- 3.5 The City reserves the right to award all bids in their entirety or part, whichever, in its opinion, best serves the interest of the City.
- 3.6 Unless clearly shown on the bid that it is the intent that a reduced total price is being offered on the basis of receiving an award of all items covered by the total, any totals should be the actual sum of the extension of unit prices; otherwise, in the event of any discrepancy between a unit price(s), extended price(s) and/or total price(s), unit price shall govern and the bid will be refigured accordingly.
- 3.7 Alabama Bid Law allows a Local Preference to businesses located within the City of Opelika when their bid is within 3% of the lowest responsible bid. The City will extend that preference when applicable.
- 3.8 The City shall be sole judge as to an item meeting or exceeding the specifications.
- 3.9 The City reserves the right to award the contract on a total item or individual item basis as determined by the City to be in the best interest of the City of Opelika.

SECTION IV BILLING AND PAYMENT

- 4.1 The vendor shall submit an invoice:
 - City of Opelika
 - Accounting Department
 - PO Box 390
 - Opelika, AL 36803-0390
- 4.2 Payment by the City shall be made within thirty days, unless otherwise specifically provided, subject to any discounts offered.
 - 4.2.1 The City will make payment to the vendor upon receipt of invoice, and acceptance of the items or services by the City.
 - 4.2.2 Any prompt pay discount offered will be computed from the date of delivery of the equipment, supplies, or materials at destination, when final inspection and acceptance are at those points, of from the date the correct invoice is received, if the latter is later than the date of delivery.

PART TWO SPECIFICATIONS

Intent of Specifications

This specification covers a commercially produced Thermal Imaging Camera and its associated hardware and software. The Thermal Imaging Camera system delivered to these specifications shall be a standard commercial product that exactly meets the requirements of these specifications. Exceptions to any of the line items shall not be acceptable. Materials used in construction of the Thermal Imaging Camera system shall be new, unused, and not less than the quality conforming to modern engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended.

Specific Line Item Requirements

Bidders shall indicate compliance with these specifications on a line item basis by placing a check mark in the yes/no column corresponding to each line item. Bidders shall furnish descriptive literature and complete manufacturer specifications with the submission of this documentation.

Quality Assurance

The company manufacturing the Thermal Imaging Camera in response to this bid shall furnish proof of current certification to the ISO9001-2008 quality standard.

Compliance Guarantee

Bidders submitting a bid shall guarantee that equipment tendered comply with all parts of this specification.

The City of Opelika reserves the right to require the bidder to submit a sample of the equipment being offered for validation and verification that all items are in compliance and in fact true and correct. If the low responsible bidder is requested to supply a sample of equipment for testing, the equipment shall be supplied to, and received by, the City within one week of the notice. Inability to meet the timeline provided herein may disqualify the bidder.

Please Note: Cameras must include:

*NFPA Compliant Camera” w/ Fire & Search
Mode, Zoom, Two Batteries, Truck Charger, Pocket Clip,
& Retractable Lanyard*

PLEASE CHECK YES OR NO FOR COMPLIANCE

POINT	TECHNICAL SPECIFICATIONS	Yes/No
	OPERATIONAL REQUIREMENTS	
1.1	The fire fighter must be able to easily carry and operate the camera with one gloved hand (either hand), weighing no more than 800g/1.8lbs including the standard battery.	
1.2	Operating buttons should number no more than 3 and must be large enough to ensure there is low risk of hitting the wrong button when wearing gloves even in situations where there is no visibility e.g. thick smoke.	
1.3	The fire fighter's vision or movement must not be impaired or encumbered when the camera is not in use. Multiple wear options such as a SCBA/BA compatible pocket clip and retractable lanyard are required.	
1.4	The fire fighter must be able to see a thermal image and start using the camera within 8 seconds or less of turning it on from completely off (not from sleep mode) or from inserting the battery.	
1.5	The fire fighter must be able to achieve battery changeover in a timely and simple manner on the scene without the use of tools, and on insertion comply with point 1.4.	
1.6	The fire fighter must be able to clearly see an uncluttered display in all routine lighting conditions. Therefore the diagonal LCD display should be 2.5" (64mm) minimum. This includes direct sunlight, though accessories are permitted to achieve this.	
1.7	The firefighter should be able to resolve exit points, obstacles and casualties/team members even when using the camera to view a fully developed fire. Therefore, the camera must be able to resolve detail in the entire fire scene across a dynamic temperature range of -40°C (-40°F) to over 1000°C (1832°F) without white-out. (It is not uncommon for fully developed fires to reach this temperature).	
1.8	The fire fighter must be able to quickly scan and search entire rooms. Therefore a Thermal imager shall have a 47-53 degree horizontal field of view.	
1.9	The fire fighter must be able to see small details from one end of the fire scene to another; therefore a Thermal Imager shall have a minimum of a 320 x 240 sensor resolution sensor	
1.10	The fire fighter must be able to distinguish temperatures in the scene through colourisation. Colourisation must be intuitive and not open to misinterpretation. Any defined colour-temperature mode must not vary for any scene image. The thermal imager must have simple understandable colourisation that remains continuous through the cameras dynamic range.	
1.11	The fire fighter must be able to record and easily download images and video when using the camera. Where this capability is achieved through the use of an accessory or upgrade the camera must still comply with point 2.1.	
	EQUIPMENT SAFETY AND DURABILITY FOR FIRE FIGHTERS ON A FIRE SCENE	
2.1	The camera shall be compliant with NFPA 1801:2013.	
2.2	The camera must be able to withstand temperatures that exceed the temperatures that a firefighter can withstand. There must not be an automatic shutdown feature to protect the camera, and the camera must continue working for at least 10 minutes in 150°C (300°F).	
2.3	The fire fighter must not be left on the fire scene without a working camera after a drop of up to 2 meters. A minimum of 7 consecutive drops from two meters onto concrete should cause no critical damage to the camera.	
2.4	The fire fighter must not be left on the fire scene without a working camera after a drop into water. Therefore the camera must have Water and Dust Ingress Protection: EN 60529 IP67 – a certification stating that the camera is waterproof to 1 m for 30 minutes.	
2.5	The fire fighter must never be at risk of an exploding battery. To negate this risk supplied battery technology must be certified to operate above 80°C (176°F). The battery must also be able to take severe mechanical shock. Lithium Iron Phosphate and Nickel Metal Hydride are accepted - Lithium Ion (Cobalt/Manganese/Trimetal etc) is not acceptable. (Manufacturer battery certification will be required to demonstrate safe operation above 85°C (185°F), UL1642 is not an adequate assurance of suitability).	

2.6	The fire fighter should have quick access to fully charged, spare batteries. Therefore, the charging mount should be able to charge spare batteries while the camera is in use. Batteries should be chargeable in an environment with a temperature of up to 104°F (40°C) and each battery should be capable of at least 1000 recharge cycles. Extended life battery option should also be available.
2.7	The fire fighter must be able to use video capture functionality without reducing the operating time (battery life) of the camera.
	EQUIPMENT CARE
3.1	The fire fighter must be able to decontaminate or clean the camera using standard service procedures, including washing down with detergent and water.
3.2	The lens assembly shall be protected by a user replaceable germanium window to provide a fast repair without the need to return to manufacturer.
	ACCESSORIES
4.1	The Camera should be supplied with the following items as standard: <ul style="list-style-type: none"> • Thermal imaging camera. • Truck/desktop charger dock with mains plug and universal mounting plate. • 12 volt DC (cigarette lighter adapter) battery charger. • A minimum of two rechargeable batteries compliant with point 2.5. • A retractable lanyard or pocket clip that complies with point 1.3. • Data transfer software and hardware. • Picatinny rail mount.
4.2	The following optional accessories should be available: <ul style="list-style-type: none"> • A video and image capture upgrade or attachment that must still comply with point 2.1
	WARRANTY
5.1	The camera supplied, including supplied accessories* must be warranted for a minimum of two years from date of delivery to the end user. The warranty should be extendable for a further three years *Battery packs must be warranted for at least one year.
	COMPANY
6.1	The manufacturer shall be certified to ISO9001 to ensure all quality, manufacturing and design systems are being met.
6.2	The manufacturer shall be certified to the Environmental Certification ISO 14001 to maintain all end of use devices are dealt with in the correct manner.
6.3	The camera and all associated accessories shall be RoHS compliant The successful bidder must provide 3 days of training to cover each shift.

Please Note Camera must include: NFPA Compliant Camera w/ Fire & Search Mode, Zoom, Two Batteries, Truck Charger, Pocket Clip, & Retractable Lanyard

**BID FORM
ITB #B15-021**

The undersigned declares that before preparing their bid, they read carefully the specifications and requirements for Bidders and that their bid is made with full knowledge of the kind, quality and quantity of services and equipment to be furnished, and their said bid is as stated on these pages. The undersigned offers and agrees, if this bid is accepted within FORTY-FIVE (45) calendar days from date of opening, to furnish any or all of the items upon which prices are offered at the price set opposite each item, delivered at the designated point(s) within the time specified. **PLEASE SUBMIT BIDS IN DUPLICATE AS REQUESTED IN SECTION II, ITEM 2.6**

ITEM	Qty.	DESCRIPTION	UNIT PRICE
1.	3	Thermal Imaging Camera	\$_____ Ea.
TOTAL BID			\$_____

DELIVERY INFORMATION: Delivery shall be made within _____ calendar days after the receipt of purchase order.

Discounts will be allowed for prompt payment: _____percent, 10 calendar days
_____percent, 15 calendar days
_____percent, 20 calendar days
_____percent, 30 calendar days

COMPANY SUBMITTING BID _____

ADDRESS _____

CITY, STATE, ZIP CODE _____

SIGNATURE OF PERSON AUTHORIZED TO SIGN BIDS

TYPED NAME AND TITLE OF SIGNER

TELEPHONE NUMBER

DATE

FAX NUMBER

E-MAIL ADDRESS

WEB SITE

FEDERAL ID NUMBER

ANTI-COLLUSION STATEMENT

THE BELOW SIGNED QUOTER HAS NOT DIVULGED TO, DISCUSSED OR COMPARED HIS QUOTE WITH OTHER QUOTERS AND HAS NOT COLLUDED WITH ANY OTHER QUOTER OR PARTIES TO A QUOTE WHATSOEVER. **NOTE:** NO PREMIUMS, REBATES OR GRATUITIES TO ANY EMPLOYEE ARE PERMITTED WITH, PRIOR TO, OR AFTER ANY DELIVERY OF MATERIALS. ANY SUCH VIOLATION WILL RESULT IN THE CANCELLATION AND/OR RETURN OF MATERIAL (AS APPLICABLE) AND THE REMOVAL FROM THE MASTER BIDDERS LIST.

FIRM NAME

BY (PRINTED)

BY (SIGNATURE)

TITLE

ADDRESS

PHONE NUMBER

FAX NUMBER

BID NO.: B15-021

STATEMENT OF NO BID/PROPOSAL

NOTE: If you DO NOT intend to bid on this commodity or service, please complete and Return this form immediately. Your response will assist us in evaluating all responses for this important project and to improve our bid solicitation process.

The Purchasing Division of the City of Opelika wishes to keep its bid list file up-to-date. If, for any reason you cannot supply the commodity/service noted in this bid/proposal solicitation, this form must be completed and returned to remain on the particular bid list for future projects of this type.

If you do not respond to this inquiry within the time set for the proposal opening date and time noted, we will assume that you can no longer supply this commodity/service, and your name will be removed from this commodity/service list.

_____ Specifications too "tight", i.e. geared toward one brand or manufacturer only.

_____ Specifications are unclear (explain below)

_____ We are unable to meet specifications.

_____ Insufficient time to respond to the Request for Proposal.

_____ Our schedule would not permit us to perform.

_____ We are unable to meet bond requirements.

_____ We are unable to meet insurance requirements.

_____ We do not offer this product or service.

_____ Remove us from your proposers list for this commodity or service.

_____ Other (specify below).

REMARKS _____

SIGNED: _____ NAME: _____
(Type or Print)

TITLE: _____ DATE: _____

FIRM NAME: _____

PHONE: _____ FAX: _____

ADDRESS: _____
(Street address) (City) (State) (Zip)