



Bid
Gordon County Fire Department
Thermal Imager

Contact Information:

Gordon County
Attn: Purchasing Director
201 North Wall Street
Calhoun, Georgia 30701
706-879-2198
cvandyke@gordoncounty.org

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1.0 Overview

The Gordon County Board of Commissioners will be accepting sealed written bids from qualified vendors for a Thermal Imager

1.1 Submission

If you choose to submit a bid for this product, the County requires the vendor to submit two (2) sealed original printed proposals (e-mail or faxes not accepted) and one (1) electronic copy of the bid/proposal (cd or usb drive). Your sealed bid must be marked, "Thermal Imager" and delivered to the Gordon County Administration Building at 201 N. Wall Street, Calhoun, Georgia 30701 **no later than 2:00 p.m. on 1-18-2023**. The receiving time at the Gordon County Administration Building 201 N. Wall Street – Calhoun, GA 30701 will be the governing time for acceptability of the Proposal.

The Proposal response shall be in the form defined in 4.0 **Proposal Response Requirements**.

Any response received after the deadline date and time shall be returned unopened. Incomplete responses may not be considered if the omissions are determined to be significant. All Proposals will be publicly opened and Proposal cost read at that time and place. You are invited to attend the opening. The submitted Proposal vendors will be posted online at www.gordoncounty.org the day after the proposal opening.

The Gordon County Board of Commissioners reserves the right to accept, or reject, any and all Proposals received and/or disregard informalities in the Proposals received. If additional information is needed, contact Charmon VanDyke, Gordon County Purchasing Director cvandyke@gordoncounty.org

1.2 Communication with Gordon County

All Communications regarding this Proposal shall be communicated through Gordon County Purchasing. Telephone inquiries will not be accepted. Any questions regarding this Proposal should be submitted to Charmon VanDyke via email – cvandyke@gordoncounty.org. Your inquiry shall be titled “Scan / Digitize old files”, your company name and telephone number must be on all correspondence. Information obtained from **any other source is not official and should not be relied upon.**

1.3 Award

While the County is entertaining a bid, it will not be bound to award the bid.

The County may contact and evaluate the vendor’s and any subcontractor’s references; contact any vendor to clarify response; contact any current or past users of a vendors or subcontractors services.

The County will not be obligated to accept the lowest offer but will make an award in the best interest of the County after all factors have been evaluated.

The County will be the sole judge of the successful offer. The County reserves the right to negotiate with any and all vendors. Vendors are advised that it is possible that an award may be made without discussion or any contact concerning the Proposal received. Accordingly, Proposals should contain the most favorable terms from a price and technical standpoint, which the vendor can submit to the County. **DO NOT ASSUME** that you will be contacted or afforded an opportunity to clarify, discuss or revise your proposal.

1.4 Terms and Conditions

The successful vendor shall submit the following items within ten calendar days of written notification from the county of the proposal award:

- Written certification that the Vendor operates a drug-free workplace in accordance with O.C.G.A. 50-24-1 through 50-24-6 (form provided by county).
- There are no expressed or implied obligations for Gordon County to reimburse responding companies for any expenses incurred in preparing proposals in response to this Proposal.
- The county reserves the right to request clarifications regarding information submitted as well as request additional information from one or more parties submitting qualifications.
- By submitting qualifications, a party certifies that it has fully read and understood this Proposal, has reviewed the attached documents (if any), and has full knowledge of the nature, scope, quantity and quality of the work to be performed; the requirements of the products and services to be provided and the conditions under which the services are to be performed. Failure to do so will not relieve the successful proposing company of their obligation to enter into a contract and to completely perform the contract in strict accordance with this Proposal.
- No proposals may be withdrawn or revoked for a period of 30 days after the date of proposal opening.
- Ownership of all data, materials, and documentation prepared for and submitted in response to this Proposal shall belong exclusively to Gordon County and will be considered a public record and subject to public inspection in accordance with the Georgia Open Record Act, O.C.G.A. 50-18-70 et. seq. unless otherwise provided by law.
- The Gordon County Board of Commissioners reserves the right to reject any or all proposals, call for new proposals, to waive any informalities in a proposals, and to select the qualified parties. The Gordon County Board of Commissioners reserves the right to accept, reject, and/or negotiate any and all proposals or parts of proposals deemed by the Board to be in the best interest of citizens of Gordon County.
- This Proposal shall be governed in all respects by the laws of the State of Georgia and the successful proposing parties shall comply with all applicable federal, state, and local laws and regulations.
- By submitting their qualifications, all proposing parties certify that their proposals are made without collusion or fraud and that they have not offered or received any kickbacks or inducements from any other person or party in connection with their

proposals, and that they have not conferred on any Gordon County employee having official responsibility for this procurement transaction of any payment, loan, subscription, advance, deposit of money, services, or anything of value of more than nominal value, present or promise, unless consideration of substantially equal or greater value was exchanged.

- The proposing parties specifically certify in submitting their proposals that they are not in violation of O.C.G.A. 16-10-2 and 16-10-22 for acts of bribery, and/or conspiracy in restraint of free and open competition in transactions with state or political subdivisions.
- By submitting their qualifications, all proposing companies certify that they are not currently debarred from submitting bids or proposals on contracts by any agency of the State of Georgia and/or the federal government, nor are they an agent of any person or entity that is currently debarred from submitting Proposals on contracts by any agency of the State of Georgia or the federal government.
- Because bids awarded to “local” vendors contribute to the Gordon County tax base and promote the local economy, the Gordon County Board of Commissioners has determined that, under certain circumstances, such “local” vendors shall be provided an additional privilege when bidding against non-local vendors.

If a “local” vendor’s bid shall meet all specifications and is not more than four percent (4%) more than the lowest responsive and responsible bidder, the lowest bidding “local” vendor shall be given one (1) business day from the opening of such bids in which to notify the Purchasing Director that it agrees to match the low bid submitted by any non-local vendor. If such “local” vendor shall not agree to match the low bid, then the next lowest “local” vendor, if any within this specified category, shall be given one (1) business day there from to notify the Purchasing Director that it agrees to match the low bid submitted by any non-local vendor, and so on until all “local” vendors who fall within the specified category have had an opportunity to match the low bid.

This privilege or preference shall not apply to road construction or public works projects otherwise governed by Georgia Law or to the purchase of any other goods and/or services, for which such preference is prohibited by Georgia Law.

A “local” vendor for purposes of this section shall be defined as a vendor maintaining a physical presence within Gordon County, including, but not limited to the maintenance of one (1) or more offices within Gordon County with continuous employment of not fewer than two (2) persons at such office(s) for more than six (6) months prior to the submission of such bid. The mere maintenance of a post office

box within Gordon County shall not qualify a vendor as “local” for purposes of this policy.

1.5 General Proposer information

The County reserves the right to negotiate with vendors regarding variations to the original proposal(s) that may be in the best interest of the County. The County reserves the right to accept or reject any or all bids or proposals and to waive informalities and irregularities in bids or bidding procedures and to accept any bid determined by the Board of Commissioners to best suit and fit the needs of the county in its sole discretion.

Vendor is to review and be familiar with the enclosed proposal specifications. Failure to review the specifications will not relieve the successful vendor of an obligation to furnish all products, services and labor necessary to carry out the provisions of the contract.

The successful proposing Vendor shall not assign or transfer any interest in the contract or subcontract any part of the contract without prior written approval from the County

The signer of the Proposal must declare that the Proposal is in all respects fair and in good faith without collusion or fraud and that the signer of the Proposal has the authority to bind the principal proponent.

Failure to include all information requested in this bid is cause for rejection of the proposal.

It is expressly understood and agreed that the proposing vendor is an independent contractor at all times and for all purposes hereunder. Officers, employees or representatives of the vendor will not be deemed in any way to be, and shall not hold themselves out as; employees, servants, representatives or agents of the County and will not be entitled to any fringe benefits of the County such as, but not limited to; health and accident insurance, life insurance, longevity, economic increases or paid sick or vacation leave. The vendor will be solely responsible for payroll wages, for the withholding and payment of all income and social security taxes to the proper federal, state, and local governments and for providing workers' compensation and unemployment insurance of the Vendor

It is agreed that the successful vendor shall not assign, transfer, convey, or otherwise dispose of the contract or its rights, title or interest in any part thereof, without prior written consent by the County. The County must approve **all subcontractors providing on-site services.**

Vendor shall indemnify, hold harmless and defend the County its officers, employees, agents and elected officials from and against any and all claims and actions brought against the County and its officers, employees, agents and elected officials for injury or death to any person or persons or damage to property arising out of the performance of this contract by the County, its employees, subcontractors or agents except all actions and claims arising out of the negligence of County.

Each bidder shall furnish satisfactory evidence of his ability to construct the apparatus specified, and shall state the location of the factory where the apparatus is to be built. The

bidder shall also show that they are in a position to render prompt service and furnish replacement parts for said apparatus.

It is required that the bidder shall meet all State and Federal safety standards and laws that are in effect on the date of the bid for the item(s) that are being specified and the particular use for which they are meant.

2.0 Tentative Calendar of Events

Proposal Posted:	1-5-2023
Proposal Submittal Deadline Gordon County Admin Building – 201 N Wall St. – Calhoun, GA 30701	1-19-2023 at 2PM
Evaluation	1-19-2023 thru 1-25-2023
Possible Vendor notification of award	2-8-2023

3.0 Evaluation

Criteria for the award shall include, but not be limited to, the following:

- Completeness of proposal
- Past performance of bidder
- Compliance with the detailed specifications
- Exceptions and clarifications
- Serviceability of the proposed apparatus
- Any other factor the purchaser deems relevant

4.0 Proposal Response Requirements

Company Name: _____

Authorized Proposer: _____

Date _____

The Proposal response should be in the following order. This sheet should be the first page of your response followed by each of the following. *Check off each of the following to ensure your response is complete.*

If your response is not in the specified response format – this is reason to disqualify a proposal.

___ Part 1 - Completed Cost Summary Sheet(s)

___ Part 2 – Reference Sheet(s)

___ Part 3 – Deviations Sheet noting the deviations from specifications

___ Part 4 – Warranties

___ Part 5 – Any other Information deemed critical to your proposal

___ Part 6 – Forms

Completed Acceptance of Terms of this Agreement Sheet.
Completed Non-Collusion Affidavit

5.0 Cost Summary Sheet

PRICE _____ as delivered to customer

Detail any other associated costs:

6.0 Reference Sheet

List 3 or more references with similar apparatus supplied to end customers as this bid. Include Company, Address, and name of contact person, telephone and e-mail

7.0 Deviations Sheet(s)

Detail all deviations from the attached specifications. The assumption is if no deviations are supplied; then the County expects the Thermal Imager to match to the specifications attached.

8.0 Warranties

A copy of the warranties for the device and equipment

9.0 Specifications

- **Warranty:** The manufacturer shall make standard a warranty for the Thermal imager, all features and accessories installed in the thermal imager to be free of defects in material and workmanship, under normal use and service, for a period of five years. As part of this warranty, the manufacturer must provide free inbound and outbound shipping for transport within the continental United States for all repair service. The manufacturer must provide a warranty which covers all required battery replacements for a period of five years. In addition, the imager's housing shall carry a limited lifetime warranty.
- **Service:** The manufacturer must be located in the U.S.A. and provide a full-service repair center in the U.S.A. to ensure timely and efficient processing of any service related issues concerning the imager. Warranty repairs must carry a guaranteed 48-hour turnaround (2 full business days from the time of receipt at the service center to the time that the manufacturer ships the imager). Non-warranty repairs must carry a guaranteed 48-hour (2 full business days) turnaround from the time the manufacturer receives purchase order authorization to complete the repairs to the time the manufacturer ships the imager.
- **Standards/Quality:** The manufacturer must ensure quality design and manufacturing methods through third party certification to ISO9001, or its equivalent. To ensure that the product is of the highest quality, documentation must be presented upon request illustrating a battery of tests that have been conducted to verify water resistance, and shock/impact resistance. The imager must be suitable for use in Class I, Division 2, Groups C and D hazardous locations.
- **Physical Configuration:** The imager shall be a hand-held design with a total weight not exceeding 2.4 pounds (1.1 kg) with all standard features installed. The imager's physical dimensions shall not exceed 5.4 (137 mm) tall, 4.6 (117 mm) wide, and 8.2 (208 mm) long. The imager shall ship in a reusable delivery case.
- **Durability:** The imager shall remain operational after being submerged under 3 feet of water for 30 minutes. The imager shall withstand a 2-meter drop in any orientation and sustain no operational damage. The imager shall be able to withstand an environmental temperature of 350° F (177° C) for 15 minutes without operational impact or damage to the unit. The manufacturer must perform these tests in front of designated department representatives at a mutually determined time and location. Failure to perform these tests in front of designated department representatives shall constitute non-compliance with this portion of the specification.
- **Technology:** The imaging array shall utilize a 240x180 or 320x240 pixel uncooled vanadium oxide (VOx) focal plane array. The Noise Equivalent Temperature Difference (NETD) shall be less than 30 mK. The imager shall exhibit an ability to evade whiteout when pointed directly at flames. The detector shall operate with core temperature ranges of -40°F to 175°F (-40° to 79°C). The

dynamic range of the detector and associated electronics shall be nominally 1100°F (592°C). The detector spectral response shall be 7 to 14 microns. Mid-wave or short-wave infrared products that operate below this portion of the infrared spectrum (below 7.5 microns) are not acceptable due to unreliable performance in smoky conditions. The frame rate of the infrared engine shall be no less than 60 Hertz.

- **Image Colorization:** In order to provide a greater degree of safety, the imager shall utilize a tri-color automatic mode. This colorization mode shall utilize a yellow/orange/red color scheme. The display will show yellow colorization at temperatures of 500°F (260°C) to 799°F (426°C), orange colorization at temperatures of 800°F (427°C) to 999°F (537°C), and red colorization at temperatures of 1000°F (538°C) or hotter. Such colorization shall be graduated in nature so as to be able to discern scene details such as visible thermal flows through the color. The imager shall employ one single colorization scheme of yellow/orange/red which does not vary with ambient thermal energy. Color palettes which colorize objects that are below 500°F are not acceptable. This requirement does not apply to the Manual Colorization Mode (see Switches).
- **Outer Housing:** The imager shall be ergonomically designed and the outer shell or housing must be manufactured from heat-resistant Ultem® thermoplastic. Due to the likelihood of rigorous use, the thermoplastic must be molded with color pigment throughout to mask small surface scratches. Outer shells or housings which are painted or otherwise lacking consistent color through their entire thickness are not acceptable.
- **Colors:** The imager shall be available in no fewer than eight scratch resistant colors to allow for color-coding as needed by the department. All lower housings shall be presented in black, with the upper housing to include options for the following colors at minimum: Red (default configuration), Metallic Blue, Yellow, Black, White, Orange, Blue, and Lime Yellow.
- **Monitor/screen:** The imager shall have a 3.5" (89mm) diagonal LED backlit Liquid Crystal Display (LCD) screen. The display shall consist of no less than 76,800 pixels for high quality resolution. The screen must be visible in thick smoke to the operator while using it at arms-length. In addition, a clear polycarbonate cover must protect the display screen. This cover must be field-replaceable and watertight.
- **Lens:** The imager shall possess an f/1.3 lens fabricated of germanium and have no less than a 31° (V) x 40° (H) field of view. The lens shall be protected with a watertight, sealed 2mm thick germanium cover window.
- **Visual Indicators:** The imager shall have a battery status indicator on the viewing display to reduce image size. Battery indicators that are not located on the display, such as separate LED based indicators, are unacceptable as they increase image size. The imager shall be capable of providing, on the viewing display, surface temperature measurement of objects. The imager must be able to provide simultaneous presentation of bar graph and numeric temperature

indicators as well as separate presentation of either indicator. The imager shall provide on-screen indication when manual colorization mode is engaged and when the DVR is recording (if so equipped).

- **Switches, Features, and Modes of Operation:** The imager shall use only one switch to activate the unit. The switch shall employ an electronic press-and-hold protection mechanism which prevents accidental shut-off. Additionally, the imager must utilize a pair of switches which enable the activation and adjustment of a manual colorization mode, an internally installed Digital Video Recorder (DVR), and/or digital zoom, as applicable to the imager's installed configuration. As an option or upgrade, the imager must be available with a manual colorization mode which helps the user identify the hottest objects in a scene irrespective of absolute heat levels. This colorization mode must be manually adjustable by the user and colorize the hottest objects in a scene with blue, using gradients of blue so as to discern scene details through the color. Thermal imagers which employ yellow, orange, or red to identify hot objects for a manual colorization mode are not acceptable as they can easily be confused with the automatic colorization modes which typically use such colors to designate fire and high heat conditions. As an option or upgrade, the imager must be available with a digital zoom feature for better view of scene details. The zoom feature should offer 2X and 4X magnification options. As an option or upgrade, the imager must be available with an internally housed Digital Video Recorder (DVR) which enables the recording of thermal imaging video to the internal memory of the thermal imager. The DVR must be manually operable by the user enabling activation and deactivation with a button press. The DVR must be capable of recording 5.5 hours of video in 720 x 480 resolution. Stored digital video shall download to the users computer via USB connection. A time and date stamp shall be displayed at the beginning of recorded video for documentation purposes. Attachable DVRs are not acceptable as they increase total size and weight.
- **Strap Systems:** To reduce bulk, the imager must not have an integral strap system; however, the imager shall accommodate an available self-retracting strap. This retractable strap shall be attached to a D-ring at the base of the thermal imager, under the display, and must be capable of holding the unit to the firefighter's body with full weight of the imager, with battery, hanging unsupported from the strap. All straps must be field replaceable.
- **Power Supply:** When fully charged, the imager shall provide a minimum of 6 hours of continuous use with the DVR recording.
- **Operation:** The imager must be fully operational no more than four seconds after activating the power switch. The imager must not have a standby switch or mode.
- **Truck Mount:** The manufacturer must offer a truck mounted charging system to mount the imager and internal charging system in a vehicle or fire apparatus or on the wall of the fire station. The system must be compliant to NFPA 1901 when

properly mounted in a vehicle or fire apparatus. The truck mount must carry a one year warranty.

10.0 Forms

10.1 *Acceptance of Terms of this Agreement*

Name of Proposer: _____

Contact Person: _____

Address: _____

City/State/Zip: _____

Telephone: _____ Fax: _____

E-mail: _____

Authorized Signature _____ Title: _____

Name Printed: _____ Date: _____

It is agreed by the above signed proposer that the signature and submission of this proposal represents the proposer's acceptance of all terms, conditions, and requirements of the proposal specifications and, if awarded, the proposal will represent the agreement between the parties.

The proposer agrees that the cost of any work performed, materials furnished, services provided, or expenses incurred, which are not specifically delineated in the proposal documents, but which are incidental to the scope, intent, and completion of this contract, shall be deemed to have been included in the prices for the various items scheduled.

10.2 Non-Collusion Affidavit of Prime Proposer

STATE OF _____ COUNTY OF _____

I _____, being first duly sworn, depose and say that;

He is _____ of _____, the proposer that has submitted the attached proposal;

He or she is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal; Such proposal is genuine and is not a collusive or sham proposal; Neither the said proposer nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including this affiant, has in any way colluded, conspired, connived, or agreed, directly or indirectly with any other proposer, firm or person to submit a collusive or sham proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other proposer, firm or person to fix the price or prices in the attached proposal or of any other proposer, or to fix any overhead, profit, or cost element of the proposal price or the proposal price of any other proposer, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the Gordon County Board of Commissioners or any person interested in the proposed contract; and

The price or prices quoted in the attached proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Proposer: _____

By: _____

Name Printed: _____

Title: _____

Date: _____

Subscribed and sworn to me this _____ day of _____, 20__.

NOTARY PUBLIC: _____

Commission Expires: _____