

Patricia A. Peshka
Purchasing Agent



Joseph J. Solomon
Mayor

City of Warwick
Purchasing Division
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Warwick, Rhode Island 02886
Tel (401) 738-2013
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The following notice is to appear on the City of Warwick's website Thursday, September 12, 2019. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK
BIDS REQUESTED FOR**

Bid2020-172 FLIR K53 Thermal Imaging Camera and Related Accessories

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Thursday, September 12, 2019.

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Friday, September 30, 2019. The bids will be opened publicly commencing at 11:00 AM on the same day in the Lower Level Conference Room, Warwick City Hall.

Awards will be made on the basis of the lowest evaluated or responsive bid price. Please note that no bids can be accepted via email or fax.

The City of Warwick, in addition to soliciting bids in response to this bid, may consult, consider, and make an award for any and all open bid offers for a comparable unit as sought herein at the following websites:

RI State MPA: <http://www.purchasing.ri.gov/MPA/MPASearch.aspx>

NASPO: <https://www.naspo.org/>

NJPA (National Joint Powers Alliance): <https://www.njpacoop.org/cooperative-purchasing>

MHEC (Massachusetts Higher Education Consortium): <https://www.mhec.net/>

Individuals requesting interpreter services for the hearing impaired must notify the Purchasing Division at 401-738-2013 at least 48 hours in advance of the bid opening date.

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PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

Acknowledgement of Addendum (if applicable)

Addendum Number

Signature of Bidder

_____	_____
_____	_____

COMPANY NAME: _____

COMPANY ADDRESS: _____

COMPANY ADDRESS: _____

BIDDER'S SIGNATURE: _____

BIDDER'S NAME (PRINT): _____

TITLE: _____ TEL. NO.: _____

EMAIL ADDRESS: _____*

*Please include your email address. Future bids will be emailed, unless otherwise noted.

II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor, accepts the above bid and hereby enters into a contract with the above party to pay the bid price upon completion of the project or receipt of the goods unless another payment schedule is contained in the specifications. All terms of the specifications, both substantive and procedural, are made terms of this contract.

DATE: _____

Bid2020-172

Purchasing Agent

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CERTIFICATION & WARRANT FORM*

**This form must be completed and submitted with sealed bid.
Failure to do so will result in automatic rejection.**

Any and all bids shall contain a certification and warrant that they comply with all relevant and pertinent statutes, laws, ordinances and regulations, in particular, but not limited to Chapter 16- Conflicts of Interest, of the Code of Ordinances of the City of Warwick. Any proven violation of this warranty and representation by a bidder at the time of the bid or during the course of the contract, included, but not limited to negligent acts, either directly or indirectly through agents and/or sub-contractors, shall render the bidder's contract terminated and the bidder shall be required to reimburse the City for any and all costs incurred by the City, including reasonable attorney fees, to prosecute and/or enforce this provision.

Signature

Date

Company Name

Address

Address

***This form cannot be altered in any way**

**CITY OF WARWICK
NOTICE TO BIDDERS**

Bid2020-172 FLIR K53 Thermal Imaging Camera and Related Accessories

If you received this document from our homepage or from a source other than the City of Warwick Purchasing Division, please check with our office prior to submitting your bid to ensure that you have a complete package. The Purchasing Division cannot be responsible to provide addenda if we do not have you on record as a plan holder.

Bids received prior to the time of the opening will be securely kept, unopened. No responsibility will be attached to an officer or person for the premature opening of a bid not properly addressed and identified. No bids will be accepted via facsimile or email.

The opening of bids will be in the order established by the posted agenda and the agenda will continue uninterrupted until completion.

Once an item has been reached and any bids on that item has been opened, no other bids on that item will be accepted and any such bid will be deemed late.

The contractor will not discriminate against any employee or applicant for employment because of physical or mental handicap for any position for which the employee or applicant is qualified and that in the event of non-compliance the City may declare the contractor in breach and take any necessary legal recourse including termination or cancellation of the contract.

A bidder filing a bid thereby certifies that no officer, agent, or employee of the City has a pecuniary interest in the bid or has participated in contract negotiations on the part of the City, that the bid is made in good faith without fraud, collusion, or connection of any kind with any other bidder for the same call for bids, and that the bidder is competing solely in his own behalf without connection with, or obligation to, any undisclosed person or firm.

All bids should be submitted with one (1) original and one (1) copy in a sealed envelope, which should read: *YOUR COMPANY NAME* plainly marked on the exterior of the envelope as well as "Bid2020-172 FLIR K53 Thermal Imaging Camera and Related Accessories."

All proposals submitted become the property of the City and will not be returned. If the company intends to submit **confidential or proprietary information** as part of the proposal, **any limits on the use or distribution of that material should be clearly delineated in writing. This information should be submitted in a sealed envelope, clearly labeled confidential** and where it should be submitted in the response. Please be advised of the Freedom of Information Act as it may pertain to your submittal.

Should you have any questions, please contact Assistant Chief Jason Umbenhauer, Warwick Fire Department at 401-468-4044.

All bids should be written in ink or typed. If there is a correction with whiteout, the bidder should initial the change.

Negligence on the part of the bidder in preparing the bid confers no rights for the withdrawal of the bid after it is open.

Any deviation from the specifications must be noted in writing and attached as part of the bid proposal. The bidder will indicate the item or part with the deviation and indicate how the bid will deviate from specifications.

The IRS Form W-9 available on www.irs.gov should be completed and submitted with the bid if the bidder falls under IRS requirements to file this form.

For a bid to be awarded to a corporation, limited liability company or other legal entity, prior to commencing work under the awarded bid, that corporation, company or legal entity may be required to provide to the Purchasing Agent a **Certificate of Good Standing** dated no more than thirty (30) days prior to the date upon which the bid approval was made.

The successful bidder will provide said **Certificate of Good Standing** (if required) within ten (10) calendar days after notification or the City reserves the right to rescind said award.

Prices to be held firm one (1) year from date of award. Term contracts may be extended for one (1) additional term upon mutual agreement unless otherwise stated.

The contractor must carry sufficient liability insurance and agree to indemnify the city against all claims of any nature, which might arise as a result of his operations or conduct of work.

The City is exempt from the payment of the Rhode Island Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph I, as amended.

The Purchasing Agent reserves the right to reject any and all bids, to waive any minor deviations or informalities in the bids received, and to accept the bid deemed most favorable to the interest of the City.

The successful bidder must comply with all Rhode Island Laws applicable the public works projects, including, but not limited to provisions of Chapter 13 of Title 37 of the Rhode Island General Laws, pertaining to prevailing wage rates, and all other applicable local, state and federal laws.

The City reserves the right to terminate the contract or any part of the contract in the best interests of the City, upon 30-day notice to the contractor. The City will incur no liability for materials or services not yet ordered if it terminates in the best interests of the City. If the City terminates in the interests of the City after an order for materials or services have been placed, the contractor will be entitled to compensation upon submission of invoices and proper proof of claim, in that proportion which its services and products were satisfactorily rendered or provided, as well as expenses necessarily incurred in the performance of work up to time of termination.

No extra charges for delivery, handling or other services will be honored. All claims for damage in transit will be the responsibility of the successful bidder. Deliveries must be made during normal working hours unless otherwise agreed upon.

All costs directly or indirectly related to the preparation of a response to this solicitation, or any presentation or communication to supplement and/or clarify any response to this solicitation which may be required or requested by the City of Warwick will be the sole responsibility of and will be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick will be entitled to recover from the respondent any losses, damages or costs incurred by the City as a result of such failure or refusal.

The City reserves the right to award in part or full and to increase or decrease quantities in the best interest of the City.

Any quantity reference in the bid specifications are estimates only, and do not represent a commitment on the part of the City of Warwick to any level of billing activity. It is understood and agreed that the agreement will cover the actual quantities ordered during the contract period.

The City reserves the right to rescind award for non-compliance to bid specifications.

The successful bidder must adhere to all City, State and Federal Laws, where applicable.

Warwick Fire Department

Request for Bids

FLIR K53 Thermal Imaging Camera and Related Accessories

The City of Warwick Fire Department is seeking bids for the purchase of FLIR K53 Thermal Imaging Cameras (TIC), associated hardware and software for utilization during firefighting and hazardous material operations. The TIC must serve as an adjunct tool for Fire department operations to include but not limited to, Structural fire size up, fire rescue, fire suppression, rapid intervention, overhaul, wildland firefighting, search and rescue.

All prices will remain in effect (1) year from date of award with the option of an additional term.

All prices are to include shipping and handling charges. Items are to be shipped to Warwick Fire Department, 111 Veterans Memorial Drive, Warwick, RI 02886.

All orders will be placed on an as needed basis throughout the contract period.

***** No Exceptions to the listed equipment specifications will be accepted *****

GENERAL REQUIREMENTS:

The specification herein must serve as a minimum standard necessary to safely and effectively accomplish the aforementioned operational requirements.

- 1) The Thermal Imaging Camera system (TIC) delivered to these specifications must be a nationally available standard commercial product. Experimental or prototype cameras must not be considered.
- 2) Materials used in construction of the Thermal Imaging Camera system must be new, unused, and not less than the quality conforming to modern engineering and manufacturing practices. Materials must be free of defects and suitable for the service intended.
- 3) The TIC must be from a single source manufacturer. For the purposes of this specification, single source must mean the camera product is manufactured, assembled and serviced by the manufacturer. Warranty /service facilities must be owned and operated by the single source manufacturer. The TIC manufacturer and Thermal Detector manufacturer MUST be one in the same; a TIC manufacturer using 3rd party Thermal Detector's will not be acceptable.

SPECIFIC TECHNICAL REQUIREMENTS:

- 1) The TIC and all charging systems must be warranted by the manufacturer to be free of defects in material and workmanship, under normal use and service, for a period of (5) five years from the date of delivery
- 2) The manufacturer and/or distributor must provide a < 2 Week total turn-around time on warranty / service work to the equipment in such a manner to return the TIC to the department in normal usable condition, or provide for the use of comparable equipment at no cost until such time that the TIC is returned to the department

- 3) The manufacturers standard warranty will also include a (2) two-year limited battery warranty
- 4) The manufacturers standard warranty will also include a (10) ten-year limited detector warranty
- 5) The manufacture must have a fully authorized service center located in the Continental USA with the ability to perform all repairs. Distributor based service centers will not be acceptable
- 6) The TIC must be capable of sensing, imaging, and displaying infrared radiation (“IR”) at 7 to 14 micron spectral wavelengths and must have been designed specifically for use as adjunct firefighting equipment.
- 7) The TIC must meet International Test Standard CEI IEC 529 (IP-67) that includes short-term immersion in water to a depth of up to 3 feet, 6ft repeated concrete drop test and other requirements within the standard
- 8) The TIC must be capable being fully operational with a single gloved hand. Accessible push type controls to fully operate the TIC and all its functions must be within reach of one gloved hand. The need for an additional hand to operate any of the functions / features of the TIC will not be acceptable
- 9) The TIC must include an LCD display that is no less than 4” diagonally
- 10) The total weight of the TIC must not exceed 3 pounds with the battery installed
- 11) The TIC must have a minimum of a 320 × 240 Vanadium Oxide (VoX) Microbolometer
- 12) The TIC must have a minimum refresh rate of 60 Hz
- 13) The TIC must have a maximum dynamic range of 1200 degrees Fahrenheit
- 14) The TIC must have a LED backlit liquid crystal display (LCD) screen. The display must be 320 x 240 resolution or better
- 15) The TIC must incorporate FSX (Flexible Scene Enhancement) technology which is a digital image processing enhancement technique
- 16) The TIC must have a maximum of two sensitivity ranges that must be completely automatic when the camera is in TI Basic Mode, Black & White Mode and Fire Mode. TICs with three (3) or more gain states will not be acceptable due to confusion and lack of image clarity beyond the second gain state
- 17) The TIC will be equipped with as standard spot temperature measurement, digital readout and bar graph read out
- 18) A clear polycarbonate cover must protect the display screen

- 19) The TIC must be provided with as standard two (2) Lithium Ion rechargeable / removable batteries. These batteries will have > 4 hours run time when fully charged. Sealed battery system will NOT be acceptable
- 20) The TIC must be capable of image capture and video capture. The internal memory will hold 200 files which can be any combination of up to 5-minute video clips or pictures
- 21) Each "TIC Kit" must include a retractable lanyard, lanyard strap, desktop charger capable of charging two (2) batteries simultaneously, user's manual, hard shell carrying case, USB cord and FREE user interface software
- 22) The successful bidder must provide, at the bidders own expense, instruction in the operation and maintenance of the TIC
- 23) The successful bidder must deliver the TIC within 30 calendar days or less after receiving a purchase order
- 24) The successful bidder must also supply a letter, dated within 30 calendar days of the bid due date, from the manufacturer of the TIC that they are a Factory Direct Distributor. Distributors that purchase from a 3rd Party will not be acceptable
- 25) The 12V or 110V vehicle charging system must be a "smart charging system" and must charge the battery in the imager and a backup battery simultaneously with ability to shutoff the system when batteries indicate fully charged. Due to the unreliability of conductive charging systems they will NOT be acceptable.
- 26) The vehicle charging system must conform to the specifications of NFPA 1901 when properly mounted in a vehicle. The charging system will be installed by purchasing entity
- 27) The vehicle charging system must carry at least a one-year warranty

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2020-172 FLIR K53 Thermal Imaging Camera and Related Accessories

I. BID:

WHEREAS, the CITY OF WARWICK has duly asked for bids for performance of services and/or supply of goods in accordance with the above-indicated specifications.

The person or entity does irrevocably offer to perform the services and/or furnish the goods in accordance with the specifications, which are hereby incorporated by reference in exchange for the bid price.

This offer will remain open and irrevocable until the CITY OF WARWICK has accepted this bid or another bid on the specifications or abandoned the project.

The bidder agrees that acceptance by the CITY OF WARWICK will transform the bid into a contract. This bid and contract will be secured by Bonds, if required by the specifications.

ITEM #	DESCRIPTION	PRICE
1	FLIR K53 320 x 240 Thermal Camera Kit, Including two (2) batteries, battery charger, hard transport case, lanyard strap, neck strap, power supply, printed documentation, retractable lanyard, USB cable	
2	CIGARETTE LIGHTER ADAPTER KIT, 12 VDC (T198509)	
3	USB CABLE, USB-A TO USB MINI-B (1910423)	
4	RETRACTABLE LANYARD (T127722ACC)	
5	IN-TRUCK CHARGER (T198322ACC)	
6	LANYARD STRAP (T198416ACC)	
7	CARABINER STRAP (T129915ACC)	
8	NECK STRAP (T127724ACC)	
9	BATTERY LI-ION 3.6 V, 4.4 AH, 16 WH (T199368ACC)	

All prices MUST include shipping, handling and delivery to:

Warwick Fire Department
111 Veterans Memorial Dr.
Warwick, RI 02886