

Patricia A. Peshka
Purchasing Agent



Scott Avedisian
Mayor

City of Warwick
Purchasing Division
3275 Post Road
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 Friday, October 6, 2017. The website address is <http://www.warwickri.gov/bids>.

**CITY OF WARWICK
BIDS REQUESTED FOR**

**Bid2018-179 Purchase Stalker DSR Single-Zone
Directional Ka-Band Radar Units**

Specifications are available in the Purchasing Division, Warwick City Hall, Monday through Friday, 8:30 AM until 4:30 PM on or after Friday, October 6, 2017. Please note that our offices are closed on Monday, October 9, 2017.

Sealed bids will be received by the Purchasing Division, Warwick City Hall, 3275 Post Road, Warwick, Rhode Island 02886 up until 11:00 AM, Thursday, October 19, 2017. 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 shall 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.

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.

Original Signature on File

Patricia A. Peshka
Purchasing Agent

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.

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II. AWARD AND CONTRACT:

The CITY OF WARWICK, acting as duly authorized through its Purchasing Agent/Finance Director/Mayor (delete if inapplicable), 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: _____

Bid2018-179

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 statues, 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**

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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 shall be accepted via facsimile or email.

The opening of bids shall be in the order established by the posted agenda and the agenda shall 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 shall 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 "Bid2018-179 Purchase Stalker DSR Single-Zone Directional Ka-Band Radar Units."

Should you have any questions, please contact Major Connor, Police Department, 99 Veterans Memorial Dr., Warwick, RI at 401-468-4230.

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

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

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 shall 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 shall 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 shall 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 shall be the sole responsibility of and shall be borne by the respondent.

If the respondent is awarded a contract in accordance with this solicitation and the respondents bid or response and if the respondent fails or refuses to satisfy fully all of the respondents obligations thereunder, the City of Warwick shall 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 shall 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.

CITY OF WARWICK POLICE DEPARTMENT

**BID SPECIFICATIONS FOR STALKER DSR SINGLE-ZONE
DIRECTIONAL KA-BAND RADAR UNITS**

A. PURPOSE:

The purpose of these specifications is to establish a minimum standard for patrol radar units to be used in the Warwick Police Department patrol vehicles and Speed Enforcement Programs.

B. SCOPE:

The design of the radar unit shall use state of the art technology including Ka-Band operation with all signal processing performed by a digital signal processing microprocessor. These specifications provide for a Doppler radar unit that will operate in both moving and stationary modes, and have Vehicle Speed Sensing (VSS) standard. In moving mode, the radar will measure, compute and display the speed of either an opposite lane approaching target or an opposite lane receding target. In stationary mode, the radar will, from a stationary position, measure, compute and display the speed of either an approaching or receding target vehicle. The unit will also simultaneously display both the strongest and faster target vehicles.

C. APPLICABLE REFERENCE:

The radar unit shall conform to the National Highway Traffic Safety Administration (NHTSA) Model minimum performance specifications for police traffic radar devices, shall be the latest published CPL (consumer products list) of the IACP (International Association of Chiefs of Police). Copies of the FCC and CPL approvals shall be included with the bid.

D. RADAR BID REQUIREMENTS:

1. Production Model: The basic design of all equipment offered shall be the Stalker DSR Single-Zone Directional Radar.
2. Sample and demonstration: When requested in writing by the Police Department, the bidder shall furnish a complete sample unit for examination and testing within ten calendar days.
3. Performance Testing and Product Evaluation: The radar may be field and laboratory tested to determine its level of performance and conformity to specifications. Emphasis will be given to the radars ability to maintain a stable target speed reading, without displaying extraneous false readings while subjected to interference from the following; laptop computers in the police cars, including when the computer is communicating via wireless transmitter, high powered television stations, UHF, VHF, an HF transmitters, vehicle alternators, ignition and electrical systems, vehicle air conditioners, fan motors, high voltage power lines, traffic signals, neon sign, etc.

4. Certification: All radar units furnished under any resulting contract shall be factory certified as to their accuracy with test procedures in conformance with the National Bureau of Standards.
5. Familiarization and Installation Guidelines: Will be provided to the Traffic Officers of the Warwick Police Department by a Stalker representative when necessary.

E. RADAR SPECIFICATIONS:

1. The radar unit shall consist of 2 dual Ka-band directional antennas (front and rear) with directional computer display. The mounting hardware must conform to the 2015-2017 Ford Interceptor.
2. The radar shall have circuitry and software that allows the radar to compare target direction relative to the radar unit.
3. The radar must have user controls that allow the operator to display all approaching targets, including faster targets, as well as receding targets, with the operator being able to switch from front antenna to rear antenna.
4. Both target speed windows (the target speed window and the locked (or faster) target speed window) must have a target direction indicator associated with them.
5. The antenna shall be completely enclosed by the exterior housing of the unit.
6. The radar shall have the ability to operate as dash/deck mounted with hard wire power/charging cable.
7. The radar shall include a 3-window digital readout system of the LCD type. The LCD readout shall have the capability of simultaneously displaying the target speed, a locked (or faster) target speed, and the patrol speed.
8. The radar unit digital readout screen shall be equipped with an on/off illumination option.
9. The radar shall have a four digit alphanumeric window that is used for the display of various status and mode conditions such as: LOCK, RFI, LOW, TEST, XMIT, etc.
10. To verify all display elements are in working order, the radar shall momentarily light all LCD segments upon power-up.
11. The radar shall operate in Ka-Band at a frequency.
12. The radar shall be accurate through its range within +1,-2 MPH. The system shall truncate (i.e. round down) all target speed numbers to the nearest whole number.

13. The radar shall be designed to operate satisfactorily and maintain its calibration when operated in ambient temperatures from -30° C to $+70^{\circ}$ C and in conditions of from 0 percent to 90 percent relative humidity.
14. Tuning forks must be provided that are permanently marked with a serial number, the radar frequency band with which it is to be used, and the associated radar speed in MPH and KPH. Tuning forks shall have factory certification as to accuracy and be accurate within $\pm 1/2$ % of the marked speed.
15. The radar shall include a built-in electronic calibration standard capable of maintaining specified accuracy of the equipment through the entire specified temperature range.
16. An operator initiated self-test will perform accuracy verification of all counting unit internal time bases used for speed computation. Any detected malfunction will result in a "FAIL" indication.
17. The radar is to be a single-directional radar which consist of the following features: being able to distinguish between faster or slower in same lane, lane targets in moving mode without a slower key, simultaneously track targets closing and going away.
18. The radar unit will also include a Vehicle Speed Sensing component which will allow automatic switching of the unit between moving and stationary modes dependent upon cruiser movement.

F. TUNING FORKS:

1. The radar shall come with two (2) tuning forks. These forks shall be manufacturer suggested speed inputs so as to make the radar process and display known speeds in both the stationary and moving modes. The tuning forks shall have a factory specified accuracy of plus or minus 1 MPH.
2. The tuning fork test shall be able to be conducted by striking and holding both forks in a stationary manner in front of the antenna. It shall not be necessary to move either fork towards or away from the antenna, especially during the same direction tuning fork test.
3. The tuning forks shall be stamped with the type of fork (Ka-Band), the serial number, and the speed.

G. ADDITIONAL REQUIRED ITEMS:

1. The vendor shall provide technical expertise and documentation including, but not limited to, the engineering principles, scientific theory and reliability, and the overall accuracy for the radar speed device for court purposes.
2. One (1) complete set of operating instructions including case law history in the use of traffic radar speed devices, theory and operation, and troubleshooting information shall be furnished by the vendor with each radar device.
3. Two (2) mounting brackets designed for the dashboard and rear deck of a 2015-2017 Ford Interceptor. A hard carrying case will be provided for each radar device.

H. WARRANTY AND REPAIR SERVICE:

The manufacturer agrees to provide warranty information for all parts, assemblies, and components of the radar speed device. Written proof of the warranty by the manufacturer should be furnished by the bidder and attached to the bid. The warranty shall include a full guarantee, from the manufacturer, that each radar device shall be free from defects in materials and workmanship from a period commencing with the date the radar device is received by the agency, and ending after a period of at least three (3) years. Bid shall indicate the name, address of the nearest repair facility for the radar unit being offered, and the average number of days required performing repairs. The manufacturer shall provide any and all software changes developed and implemented during the warranty period at no expense to the agency. All shipping charges (both ways) shall be at the expense of the manufacturer for the first 90 days after the placed into service date. Thereafter, this agency will be responsible for shipping costs associated with sending the radar unit to the manufacturer. The manufacturer will then be responsible for shipping costs associated with returning the radar unit to this agency.

I. BID EVALUATION:

The Warwick Police Department requires the ability to maintain speed enforcement programs using radar of the highest quality that is supported by a reputable company, which includes a guarantee that this department will get the best value for the money. Bids will be evaluated according to the grading scale below. The categories and percentages assigned to each category are as follows:

1. Cost	45%
2. Suitability of unit for patrol purposes	40%
3. Ease of service, repair, and upgradeability	10%
4. Contractor/ Manufacturer support	<u>5%</u>
	100%

PLEASE COMPLETE THIS PAGE & SUBMIT WITH YOUR BID

CITY OF WARWICK

BID AND CONTRACT FORM

TITLE OF SPECIFICATION: Bid2018-179 Purchase Stalker DSR Single-Zone Directional Ka-Band Radar Units

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 below 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 below;

This offer shall 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 below by the CITY OF WARWICK shall transform the bid into a contract. This bid and contract shall be secured by Bonds, if required by the specifications.

Purpose: The Warwick Police Department is looking to purchase fourteen (14) Stalker DSR single-zone directional, Ka-band radar units that will be dash mounted into a patrol vehicle.

<u>Item</u>	<u>Description</u>	<u>Unit Cost</u>
1	Stalker DSR Single-Zone Directional Ka-Band Radar Units	\$
2	2 Mounting Brackets for 2015-2017 Ford Interceptor	\$
3	2 Tuning Forks	\$
4	Hard Carrying Case	\$
5	3-Year Warranty	\$
	Total for 14 Stalker DSR Radar Units	\$