

INVITATION TO BID

The City of Rochester, New Hampshire will accept sealed bid proposals for Radar Speed Display with Message Board and Trailer. Bids must be submitted in a sealed envelope plainly marked:

“RADAR SPEED DISPLAY WITH MESSAGE BOARD”

Bid # 08-47

City of Rochester
31 Wakefield Street
Rochester, NH 03867
Attn: Purchasing Agent

All bids must be received no later than 6-19-08 at 2:45 PM. No late bids, faxed, e-mailed or telephone bids will be accepted. Bid proposals and specifications may be obtained by visiting www.rochesternh.net, or emailing purchasing@rochesternh.net, or by contacting the Purchasing Agent at City Hall, 31 Wakefield Street, Rochester, NH 03867, (603) 335-7602. All bid questions must be submitted in writing (email preferred) to the Purchasing Agent. All bid proposals must be made on the bid proposal forms supplied, and the bid proposal forms must be fully completed when submitted.

BID SPECIFICATIONS

The Rochester Police Department will accept sealed bid proposals for a Radar Speed Display Device with Message Board and Trailer. Award and continuation of this bid is contingent upon annual funding appropriated by the Rochester City Council.

NOTES:

The contract shall include shipping and handling costs

Vendor will deliver the equipment within 60 calendar days of receipt of a city purchase order.

Minimum two year warranty. The warranty shall include parts and labor and service related fees associated with repair of equipment

Vendor will enter into a maintenance agreement with the police department to service the equipment once the warranty expires.

Vendor will train officers in use of equipment at the Rochester Police Department

MINIMUM SPECIFICATIONS

1. **SPEED DISPLAY DEVICE WITH TRAILER AND LED MESSAGE BOARD.** BOTH MESSAGE SIGN AND RADAR SIGN CONTROLLED VIA BLUETOOTH PDA. CAPABLE OF REMOTE DATA DOWNLOAD VIA PDA AND REMOTE SIGN OPERATION AND MESSAGE STORAGE VIA THE SAME PDA. RADAR SPEED SIGN DEVICE MUST BE REMOVABLE AND CAPABLE OF USE AWAY FROM THE TRAILER VIA MOUNTING TO A POLE/POST. MESSAGE BOARD MUST BE REMOVABLE AND FOLDABLE FOR STORAGE IN A POLICE CRUISER FOR TRANSPORTATION AND CAPABLE OF USE AWAY FROM THE TRAILER VIA VEHICLE POWER AND HITCH MOUNT
2. **SPEED DISPLAY DEVICE:** AT LEAST 24" HIGH, UNIVERSAL MOUNTING SYSTEM TO ATTACH TO A POLE OR TRAILER. POWER SAVING CIRCUITRY AND AUTOMATIC DIMMING FOR AMBIENT LIGHT CONDITIONS. K-BAND RADAR (24.15GHz) FCC CERTIFIED, NO LICENSE REQUIRED, +/-1MPH ACCURACY, ADJUSTABLE RADAR, 12 DEGREE CONE. RADAR PICKUP RANGE UP TO 1500FT, 5-150MPH. UNIT MUST BE WEATHERPROOF, SEALED ELECTRONICS, DRIP PROOF, VENTED BATTERY COMPARTMENT. ENTIRE FACE MUST BE

REMOVABLE FOR SERVICE. COMPONENTS SHALL INCLUDE A PAIR OF 26ah BATTERIES WITH FUSED CABLES (ONE RUNS THE UNIT WHILE THE OTHER IS ON CHARGE), AUTOMATIC CHARGER WITH CABLE CONNECTOR, MOUNTING PLATE AND TAMPER RESISTANT MOUNTING HARDWARE FOR A 4" POLE AND U CHANNEL POLE. RADAR TUNING FORKS AND KEYS.

3. **SPEED DISPLAY DEVICE POWER SUPPLIES:** UNIT SHALL BE OUTFITTED TO BE POWERED BY MULTIPLE SOURCES AND POWER SOURCE CAN BE SELECTED IN THE FIELD. SOURCES ARE; SEALED AGM BATTERY WITH 10A FUSED CABLE AND BATTERY STRAP AND 6A 120VAC AUTOMATIC CHARGER INCLUDED, SOLAR PANEL, 100-220VAC AC POWER SUPPLY, TRAILER MOUNT, VEHICLE POWER WITH CIGARETTE LIGHTER EXTENSION.
4. **DATA SOFTWARE:** DISPLAY SPEED AND COUNT DATA IN ADJUSTABLE INCREMENTS, SUMMARY PAGE WITH COUNTS PER SPEED RANGE AVERAGE AND 85TH PERCENTILE SPEED. DISPLAY TRAFFIC COUNTS BY SPEED RANGE AND TIME OF DAY, SPEED RANGE FOR ALL TIMES, 7 SPEED RANGES, USER ADJUSTABLE, HOURLY WINDOWS. DISPLAY TRAFFIC COUNTS BY SPEED RANGE AND TOTAL CARS PER DAY, HOURLY WINDOWS. SAVE OUTPUT CHARTS IN EXCEL. DOWNLOAD METHODS: SERIAL CABLE TO PC, SERIAL CABLE BUILT INTO UNIT. PDA USING BLUETOOTH, TRANSFER TO PC OR SD CARD. WEB REMOTE MANAGEMENT SYSTEM. RECORD A MINIMUM OF 12 DAYS OF CONSTANT VEHICLES, 24 HOURS PER DAY (2,000,000 READINGS MINIMUM). EACH DATA POINT SHOULD HAVE DATE, TIME, WITH SECONDS, AND SPEED. SOFTWARE COMPATIBLE WITH WINDOWS 98, 2000,XP
5. **MESSAGE BOARD:** DIMENSIONS; "60X28X1.6"1-3 LINE MESSAGES, ABILITY TO LINK MULTIPLE MESSAGES, MESSAGE DOES NOT GET ERASED WHEN POWER IS LOST AND RETURNS TO LAST MESSAGE WHEN POWER APPLIED, VARIABLE DISPLAY TIME, FLASH AND REVERSE RATES, ACTUAL SIGN PREVIEW ON PDA OR PC. FOLDED SIGN MUST FIT INSIDE THE TRUNK OF A POLICE CRUISER.
6. **MESSAGE BOARD COMPATIBLE POWER SUPPLIES:** VEHICLE CIGARETTE LIGHTER, TRAILER WIRING ADAPTER FOR HITCH MOUNT, PORTABLE POWER SUPPLY.
7. **EXTENDED WARRANTY:** 5-year extended warranty on all parts that includes 50% of replacement costs due to vandalism and 100% replacement costs in all other cases.
8. **PROTECTIVE COVER**

INSTRUCTIONS TO BIDDERS**I. Preparation of Bid Proposal**

- A. The Bidder shall submit her/his proposal upon the forms furnished by the City (attached). The Bidder shall specify the unit price or lump sum bid, both in words and figures for each pay item listed. All words and figures shall be in ink or typed.
- B. If an amount entered by the bidder on the proposal form is to be altered it should be crossed out with ink, the new unit price or lump sum bid entered above or below it, and initialed by the bidder, also with ink. In a case of discrepancy between the prices written in words and those written in figures, the prices written in words shall govern.
- C. The Bidder's proposal must be signed with ink by the individual, by one or more members of the partnership, by one or more members or officers of each firm representing a joint venture, by one or more officers of a corporation, or by an agent of the contractor legally qualified and acceptable to the owner. If the proposal is made by an individual, his name and post office address must be shown; as a joint venture, the name and post office address of each must be shown; by a corporation, the name of the corporation and its business address must be shown, together with the name of the state in which it is incorporated, and the names, titles, and business address of the President, Secretary, Treasurer.
- D. All questions shall be submitted in writing to the Purchasing Agent. The Purchasing Agent will then forward both the question and the City's response to the question to all prospective bidders.

II. Irregular Proposals

Bid proposals will be considered irregular and may be rejected for any of the following reasons:

- A. If the proposal is on a form other than furnished by the Owner, or if the form is altered or any thereof is detached.
- B. If there are unauthorized additions, conditional or alternated bids, or irregularities of any kind which may tend to make the proposal incomplete, indefinite, or ambiguous as to its meaning.
- C. If the bidder adds any provisions reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.

- D. If the proposal does not contain a unit price for each pay item listed, except in the case of authorized alter pay items.

III. Interpretations

No oral interpretations will be made to any vendor as to the meaning of the specifications or terms and conditions of this sealed proposal invitation.

IV. Withdrawal of Bid Proposals

A bidder will be permitted to withdraw his proposal unopened after it has been deposited if such request is received in writing prior to the time specified for opening the proposals.

No bid may be withdrawn, for a period of (120) one –hundred-twenty days subsequent to the opening of bids, without express written consent of the City of Rochester, NH.

V. Public Opening of Proposals

Proposals will be opened and read publicly at the time and place indicated in the invitation for bids. Bidders, their authorized agents, and other interested parties are invited to be present.

VI. Disqualification of Bidders

Either of the following reason may be considered as being sufficient for the disqualification of a bidder and the rejection of his proposal of proposals:

- A. Evidence of collusion among bidders.
- B. Failure to supply complete information as requested by bid specifications.

AWARD AND EXECUTION OF CONTRACT

I. Consideration of Proposals

- A. Bids will be made public at the time of opening and may be reviewed only after they have been properly recorded. In case of discrepancy between the prices written in words and those written figures, the written in words shall govern. In case of discrepancy between the total shown in the proposal and that obtained by adding the products of the quantities of items and bid prices, the latter shall govern.
- B. The right is reserved to reject any or all proposals, to waive technicalities or to advertise for new proposals, if in the judgment of the City, the best interest of the City of Rochester will be promoted thereby.

II. Award of Contract

If a contract is to be awarded, the award will be made to the lowest responsible and qualified bidder whose proposal complies with all the requirements prescribed as soon as practical after the bid opening. No bid shall be withdrawn for a period of (60) sixty days subsequent to the opening of bids, without the consent of the city of Rochester. The successful bidder will be notified, by the form being mailed to the address on his proposal, that his bid has been accepted and that he has been awarded the contract.

III. Cancellation of Award

The City reserves the right to cancel the award of any contract at any time before the execution of such contract by all parties without any liability against the City.

BID EVALUATION

In addition to the bid amount, additional factors will be considered as an integral part of the bid evaluation process including, but not limited to:

- A. The bidder's ability, capacity, and skill to perform within specified time limits.
- B. The bidder's experience, reputation, efficiency, judgment, and integrity.
- C. The quality, availability and adaptability of the supplies and materials sold.
- D. Bidder's last performance.
- E. Sufficiency of bidder's financial resources to fulfill the contract.
- F. Bidder's ability to provide future maintenance and/or services.
- G. Other applicable factors as the City determines necessary or appropriate (such as compatibility with existing equipment).

Radar Speed Display w/Message Board Bid Form

Vendor Name _____

Address _____

Phone _____

Signature _____

Title _____

Date _____

Bid Price: _____
(in figures) (in words)

All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form