



INVITATION TO BID (ITB) NO. 2010-052

CLOSING DATE AND TIME: FEBRUARY 4, 2010 - 2:00 P.M.

PURCHASE OF DYNAMIC SPEED DISPLAY SIGNS

BIDS SHALL BE SUBMITTED ON THIS FORM

The City of Mesquite, Texas, invites sealed proposals from all qualified vendors desiring to bid on the Purchase of Dynamic Speed Display Signs, complying with the following specifications as listed herein.

Address bids to Michele Brand, Manager of Purchasing and Telecommunications, City of Mesquite, P.O. Box 850137, Mesquite, Texas 75185-0137. Mark envelope in lower left corner "BID NO. 2010-052, Purchase of Dynamic Speed Display Signs," so that the bids will not be opened until the appointed hour. Bids may also be hand delivered before bid closing on Thursday, February 4, 2010 at 2:00 p.m. to the City of Mesquite, Purchasing Division, 1515 N. Galloway, Mesquite, Texas 75149. Faxed bids are not accepted on sealed proposals.

GENERAL CLAUSES AND CONDITIONS

1. If you have questions regarding the preparation of your bid, you may contact Michele Brand, Manager of Purchasing and Telecommunications, City of Mesquite, telephone (972) 216-6201 or Srini Mandayam, Manager of Traffic Engineering at 972-329-8314.
2. Bids must be submitted in sufficient time to be received and time-stamped at the above location on or before the published date and time shown on the ITB. The City of Mesquite will not be responsible for mail delivered from the post office. Bids received after the published time and date cannot be considered and will be returned unopened.
3. Sealed bids must be received in duplicate, on this form, prior to closing date and time to be considered.
4. Laws and Ordinances: The Contractor shall at all times observe and comply with all Federal, State and local laws, ordinances and regulations which in any manner affect the Contract or the work, and shall indemnify and save harmless the City against any claim arising from the violation of any such laws, ordinances and regulations whether by the Contractor or his employees.

5. Protection of Resident Workers: The City of Mesquite actively supports the Immigration and Nationality Act (INA), which includes provisions addressing employment eligibility, employment verification, and nondiscrimination. Under the INA, employers may hire only persons who may legally work in the United States (i.e., citizens and nationals of the U.S.) and aliens authorized to work in the U.S. The employer must verify the identity and employment eligibility of anyone to be hired, which includes completing the Employment Eligibility Verification Form (I-9). The Contractor shall establish appropriate procedures and controls so no services or products under the Contract Documents will be performed or manufactured by any worker who is not legally eligible to perform such services or employment.
6. Bidders shall complete the non-collusion statement included in the bid.
7. Bidders desiring a copy of the bid tabulation sheet may request same by enclosing a self-addressed stamped envelope with bid. **BID RESULTS WILL NOT BE GIVEN BY TELEPHONE.** If you have any questions, please contact the City of Mesquite Purchasing Division at (972) 216-6201. Or, check our Web site at www.cityofmesquite.com 24-hours after the bid opening for bid tabulation.
8. The prices quoted in this bid proposal shall be F.O.B. Mesquite and cover costs for packaging, delivery, and handling, REGARDLESS OF THE SIZE OF ORDER, to the City of Mesquite Warehouse, 1101 E. Main Street, Mesquite, Texas 75149.
9. Disadvantaged business/HUB vendors listed with the Office of Small Business Assistance of the General Services Commission are requested to provide a copy of their current certificate.
10. Prices shall be filled in and extended on the bid sheet. In case of discrepancy between the unit price and the extension, the unit price will be taken.
11. Any ambiguity in the bid as a result of omission, error, lack of clarity or non-compliance by the Bidder with specifications, instructions and all conditions shall be construed in favor of the City.
12. The City of Mesquite reserves the right to reject any and all bids, waive formalities and to make award of bid as may be deemed to the best advantage of the City. No bid may be withdrawn within thirty (30) days after date of opening.
13. Bidder shall complete all information requested and blanks provided shall be filled in beside or under each item. Failure to completely describe the merchandise being bid may result in rejection of your bid.
14. This Contract may be terminated at any time with thirty- (30) days written notice by either the City of Mesquite or successful bidder.
15. The City is exempt from all sales and excise taxes.
16. The City of Mesquite reserves the right to evaluate variations from these specifications. If exceptions are made, bidder shall state wherein the merchandise fails to meet these specifications. Failure to completely describe the merchandise being bid may result in rejection of your bid.
17. Quantities are estimated and based on projected usage. It is specifically understood and agreed that these quantities are approximate and any increased quantities will be paid at the regular quoted price. The contractor shall not have any claim against the City of Mesquite for any quantities ordered that are less than the estimated bid amount.

18. Award of contract shall be made either on an "item by item" basis or an "all or nothing" basis at the discretion of the City of Mesquite.
19. **Delivery upon request only.** Bidder shall ship on quantities requested. There will not be any back orders.
20. Orders shall be placed on an "as-needed basis at the discretion of the City of Mesquite.
21. An authorized representative of the entity must sign bid. Bids received unsigned will be rejected.
22. Cooperative Purchasing: As permitted under the Texas Local Government code, Chapter 791025, other government entities may wish to also participate under the same terms and conditions contained in this contract (piggyback.) Each entity wishing to piggyback must have prior authorization from the City of Mesquite and vendor. If such participation is authorized, all purchase orders will be issued directly from and shipping directly to the entity requiring supplies/services.

The City of Mesquite shall not be held responsible for any orders placed, deliveries made or payment for supplies/services ordered by these entities. Each entity reserves the right to determine their participation in this contract.
23. Successful bidder agrees to extend prices to all entities that have entered into or will enter into joint purchasing interlocal cooperation agreements with the City of Mesquite
_____Yes_____No.
24. Bidders shall provide their Federal Tax ID Number _____.

Bids will be evaluated based on the following criteria:

EVALUATION OF BID PROPOSALS

The selection panel will be composed of City's Traffic Engineering staff. The panel will perform an initial review of all proposals to ensure they meet the intent of the specifications and establish a ranking of the proposals. The evaluation process will encompass the following weighted scoring system and is further described below:

- 30 Points – Meeting all specifications
- 10 Points - References
- 38 Points - Overall Cost of Proposed Products
- 10 Points - Product Warranty
- 12 Points – Delivery time

16.1 Meeting all specifications (30 points)

One point will be awarded to each of the 30 specifications listed. For example, if you meet or exceed 20 of the 30 specs, you will be awarded 20 points.

16.2 References (10 points)

Provide a list of at least four (4) agencies, which has purchased Dynamic Display Speed Signs, from your firm. These agencies will be contacted as references. Please provide the name of the appropriate contact person, in each agency, who has good knowledge of the product supplied. Each positive reference received will be awarded two (2) points, and each negative response will receive two (2) points.

16.3 Overall Cost of Proposed Products (38 points)

The bidder with the lowest price receives the maximum score. The bidder with the next lowest price receives points based on dividing its price into the next lowest price and multiplying that percentage by the available points. For example, assume \$10,000 is the low offer, then that bidder would receive 38 points ($\$10,000/\$10,000=1.00 \times 38=38$). Assume \$15,000 is the next low offer, then that bidder would receive 25.31 points ($\$10,000/\$15,000=0.66 \times 38=25.31$), etc.

16.4 Product Warranty (10 points).

Vendors shall state the numbers of years their products are covered by a manufacturer's warranty. Two points shall be awarded for each year of product warranty.

16.5 Delivery time – (12 points)

The bidder with lowest delivery time will be awarded 12 points. The bidder with next lowest delivery time will receive points on a pro-rated basis. For example, if the lowest delivery time was 20 days – ($20/20 = 1 \times 12 = 12$) points, where as a 25 days delivery time will receive – ($20/25 = 0.8 \times 12 = 9.6$) points.

Item	Max Points	Points Awarded	Comments
Specifications Met	30		
References	10		
Overall Cost of Proposed Products	38		
Product Warranty	10		
Delivery time	12		
Total	100		

GENERAL SPECIFICATIONS.

1. The City of Mesquite intends to purchase two permanently mounted, solar powered, weatherproof, Dynamic Speed Display Signs as part of its residential speed reduction program on Tripp Road (see attached location map). These Dynamic Speed Display Signs must feature configurable settings, provide adjustments for speed limit, over-speed and extreme-speed. Above the over-speed setting, the sign flashes the motorist's speed. Above the extreme-speed setting, the sign flashes four-corner. Below the speed limit, the display remains blank. City staff will install the Dynamic Speed Display Signs on Tripp Road. Vendor shall provide all necessary items required for installation, with the exception of foundation for the sign base.
2. The speed display should include optical lenses and sun shades over two bright LED characters, producing superior visibility. The display shall consist of minimum 12-inch characters. The Radar Speed Sign assembly shall be capable of producing reports on traffic counts of both approaching and receding vehicles, records speed, direction, length, date and time that can be easily downloaded to a laptop computer and printed. Vendors may submit multiple products for evaluation by the City. For each product proposed, three copies of the manufacturer's literature must be submitted with the bid. All product submittals should address the following features.
3. **Radar Speed Signs - Features:**
 - a. Two (2) character display with super bright amber LED type with a minimum 100,000 life hours
 - b. Clear display of speed in miles per hour
 - c. Configurable violation, activation, and speed settings
 - d. 12" minimum character size, with YOUR SPEED text on top of the sign
 - e. Display flashes vehicles' speed if over user configured over - speed setting
 - f. Display flashes four-corner, if the vehicle exceeds a second extreme-speed setting
 - g. Diamond Grade reflective sheeting resembles R2-1
 - h. Approach Only K band radar measures speeds from 5 to 150 MPH, at a distance of 1500'
 - i. Radar unit must be CE complaint and FCC approved
 - j. Signs to be installed on a standard mounting with all accessories included, for a 4" diameter round pole, 4.5" outside diameter, 14' tall pole with a pedestal base with foundation (TxDOT Item 687 - Pedestal Pole Assembly).
 - k. 12V dc battery power with a minimum 100 W solar -panel charging system, 100 amp-hour battery capacity
 - l. Regulator shuts down solar charging system when batteries are fully charged, preventing damage
 - m. Standard aluminum cabinet enclosure houses electronics and battery, and includes a police lock for security
 - n. The intensity of display shall automatically adjust for Light conditions, up to 100 levels
 - o. The display housing shall be made of aluminum with white powder coated finish
 - p. The unit shall have a minimum of .375" aluminum internal BASHPLATE to protect the unit from vandalism

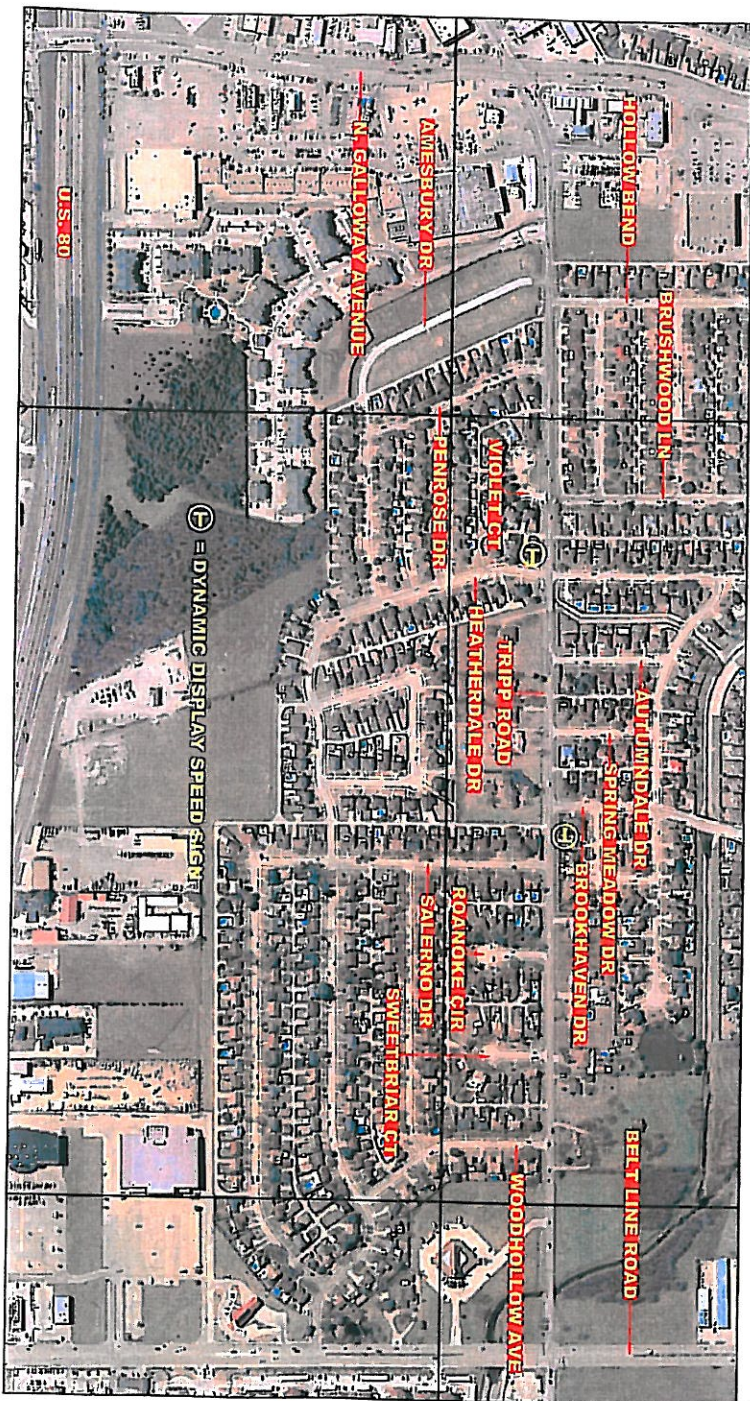
- q. The solar power assembly shall be capable of operating the radar and display 24 hours of the day and seven days of the week.
- r. The solar bracket shall be capable of adjusting the angle of the Solar panel to the sun and should be capable of mounting to 4.5" OD aluminum pole.
- s. Unit shall have software package to prevent overcharging and intelligent shutdown when battery falls below acceptable voltage, and auto restart when sufficiently charged.
- t. Operating temperature range shall be -4 degrees to +138 degrees F.
- u. Unit shall have On/Off timer options to all for 4 timers per day and by day of week.
- v. Set up shall be via easy to follow menu driven PC software with no mechanical switches
- w. Minimum faceplate shall be 24" wide and 21" high with YOUR SPEED in MUTCD complaint colors and effectiveness.

4. **Traffic Data Collector: - Features**

- a. Radar based technology with no loops or hoses
- b. Counts both approaching and receding vehicles
- c. Records speed, direction, length, date and time
- d. The unit shall have the ability to store data from 15 days at 15-minute data collection periods to 60 days at one-hour collection periods.
- e. Software interface should allow for easy set up and programming
- f. Downloads to laptop computer via USB cable (included) and data format compatible with MS Office/excel/access
- g. Provide blue tooth connectivity to download data from the radar sign directly to a PC without having to leave the vehicle.

- 5. Minimum two-year parts and labor warranty is desired
- 6. One operator's and one parts manual will be included per sign, and a source for replacement parts will be identified.
- 7. Up to four (4) hours of on-site training in operations and maintenance for a class of five is required

**PROPOSED LOCATIONS FOR DYNAMIC SPEED DISPLAY SIGNS ON
TRIPP ROAD BETWEEN BELT LINE ROAD & N. GALLOWAY AVENUE**



DISADVANTAGED BUSINESS ENTERPRISES ONLY

Disadvantaged Business Enterprises (DBE) are encouraged to participate in City of Mesquite's bid process. The Purchasing Office will provide additional clarification on specifications, assistance with Bid Proposal Forms and further explanation of bidding procedures to those DBEs who request it.

Representatives from DBE companies should identify themselves as such and submit a copy of the Certification.

The City of Mesquite recognizes the certifications of both the State of Texas General Services Commission HUB Program and the North Central Texas Regional Certification Agency. All companies seeking information concerning DBE certification are urged to contact

State of Texas HUB Program
General Services Commission
PO Box 13047
Austin, TX 78711-3047
(512) 463-5872

OR

North Central Texas
Regional Certification Agency
624 Six Flags Drive, Suite 216
Arlington, TX 76011
(817) 640-0606

If your company is already certified, attach a copy of your certification to this form and return with your bid.

Firm Name Submitting Bid

Representative

Title of Authorized Representative

Address

City, State, Zip

Telephone Number

Telefax Number

Indicate all that apply:

- Minority-Owned Business Enterprise
- Women-Owned Business Enterprise
- Disadvantaged Business Enterprise

Non-collusion Statement

The undersigned affirms that they are duly authorized to execute this contract, that this company, corporation, firm, partnership or individual has not prepared this bid in collusion with any other bidder and that the contents of this bid as to prices, terms or conditions of said bid have not been communicated by the undersigned nor by any employee or agent to any other person engaged in this type of business prior to the official opening of this bid.

Name of Company _____

Address _____

Phone _____

Fax _____

Bidder (Signature) _____

Bidder (Print Name) _____

Position with Company _____

Signature of
Company Official
Authorizing This Bid _____

Company Official
(Printed Name) _____

Official Position _____

BID SHEET

ITEM NO.	QTY	UNIT	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	2	Each	Radar Speed signs as specified, complete with program manuals, warranty, and training	\$ _____	\$ _____
			<i>TOTAL:</i>		\$ _____

BRAND AND MODEL NUMBER:

PRICES MUST BE QUOTED AS F.O.B. MESQUITE

Total Base Bid of Item "1," complete and in place, for the sum of:			
_____ Dollars			\$ _____
_____ Cents			(figures) LUMP SUM
(written) LUMP SUM			SUM

NOTE: Show amount in both written form and figures. In case of discrepancy between the written amount and figure amount, the written amount shall govern. In case of discrepancy between the unit price and the total base bid (LUMP SUM), the unit price shall govern. The dollar amount for unit pricing will be rounded to the nearest penny.

SPECIAL CONDITIONS:

The undersigned hereby certifies that he understands all the above specifications, has read them carefully, and will deliver and furnish all merchandise and services specified above in this specification.

- Bidder shall return **two** copies of this specification filled out in full and signed.
- Bidder shall provide **three** copies of the manufacturer's catalog describing the equipment to be supplied.
- Bidder shall identify the brand and model number bid.
- Bidder shall indicate the proposed delivery date in calendar days after receipt of order (ARO).

DELIVERY DATE:

The delivery date shall be one of the determining factors in selecting the best bid for the City. Bidder will deliver the Dynamic Speed Display Sign and accessories complete no later than

_____ Calendar days after receipt of order.

Name and telephone number of person to contact when requesting deliveries or checking on order:

Name: _____

Title: _____

Telephone: (____) _____

TERMS:

Payment terms are NET 30 unless otherwise specified. Prompt payment discounts will be used by the City in determining the lowest responsible bidder.

_____ % discount if paid within _____ calendar days from delivery and acceptance of goods or completion of service.

Firm Name Submitting Bid

Print/Type Name of Authorized Representative

Title of Authorized Representative

Signature of Authorized Representative

Date

Address

City, State, Zip

Telephone Number

Telefax Number

e-mail Address

TO THE VENDOR

DID YOU REMEMBER TO:

- ABIDE BY THE GENERAL AND SPECIAL CONDITIONS AND MAKE NOTE OF THE OPENING DATE AND TIME. ALL BIDS MUST BE TURNED IN BY 2:00 P.M. - BIDS RECEIVED AFTER 2:00 P.M. WILL NOT BE ACCEPTED.
- FILL IN THE UNIT AND EXTENDED PRICE ON YOUR BID PROPOSAL.
- FILL IN THE TOTAL AMOUNT.
- FILL IN THE TERMS, IF REQUESTED.
- ACKNOWLEDGE RECEIPT OF ALL ADDENDUMS.
- FILL IN THE DELIVERY TIME OR THE CALENDAR DAYS.
- FILL IN THE COMPANY NAME, ADDRESS AND PHONE NUMBER.
- ENCLOSE CORPORATE SEAL, IF APPLICABLE.
- ENCLOSE BID BOND AND/OR CASHIER'S CHECK, IF REQUIRED.
- SIGN BID PROPOSAL.
- BEFORE SUBMITTING BID TO THE PURCHASING DIVISION, INCLUDE ON THE FRONT OF THE SEALED ENVELOPE THE FOLLOWING INFORMATION:
COMPANY NAME, ADDRESS, BID NUMBER, OPENING DATE AND TIME.

NOTE:

MAILING ADDRESS:

CITY OF MESQUITE
P.O. BOX 850137
MESQUITE, TX 75185-0137

PHYSICAL ADDRESS:

CITY OF MESQUITE
1515 N. GALLOWAY
MESQUITE, TX 75149

972-216-6201 PURCHASING DIVISION
972-216-6397 FAX

IF THE PROCEDURES ARE NOT FOLLOWED, IT COULD RESULT IN YOUR BID NOT BEING ACCEPTED.

THANK YOU

MICHELE BRAND
MANAGER OF PURCHASING AND
TELECOMMUNICATIONS