

SEALED BID No. TC2005-55
DUE DATE: ##-##-2005



TOWN OF COLLIERVILLE
GENERAL SERVICES DEPARTMENT
500 POPLAR VIEW PARKWAY
COLLIERVILLE, TENNESSEE 38017

SECTION III

DETAILED REQUIREMENTS / SPECIFICATIONS

**TOWN OF COLLIERVILLE, PURCHASING DIVISION
500 POPLAR VIEW PARKWAY
COLLIERVILLE, TN 38017
PHONE: (901) 457-2250**

1. SCOPE

The Town of Collierville is seeking bids for a new four-wheel drive front-end loader for use by the Town's Public Works Department.

2. QUALIFICATIONS OF BIDDER

All bidders must be financially stable and experienced and the Town will, among other things, consider such factors in determining to whom the bid shall be awarded.

Bids will only be accepted from established manufacturers or their authorized dealers. In the event a dealer submits a bid, the dealer shall guarantee that he/she is an authorized dealer of the manufacturer and the manufacturer has agreed to supply the dealer with the equipment offered in the proposal. Further, the dealer agrees to submit a certificate from the manufacturer acknowledging that he/she is an authorized dealer, if so requested.

3. PRICING

Price proposed shall exclude all taxes which are not applicable to Town purchases.

4. DELIVERY

All items shall be delivered F.O.B. destination with delivery costs and charges included in the bid unless otherwise stated in the specifications or proposal. The term F.O.B. Destination shall mean delivered and unloaded with all charges for transportation and unloading paid by the vendor.

The delivery address is: Town of Collierville
 Fleet Maintenance Shop
 508 Keough Road
 Collierville, TN 38017

5. ADDITIONAL INFORMATION

Technical and general contracted questions regarding this solicitation shall be submitted in writing to Lori Bryant, Office of General Services, at fax number (901) 457-2258.

If any questions or responses require revisions to the solicitation as originally published, such revisions will be by formal amendment only. If the solicitation includes a separate contact for technical information, bidders are cautioned that any written or oral representations made by any Town representative or other person that appear to change materially, conflict with, or modify any portion of the solicitation shall not be relied upon unless subsequently ratified by a written amendment to this solicitation issued by the Town. For determination of whether an oral or written representation of any Town representative or other person requires that an amendment be issued, contact Lori Bryant in writing at fax number (901) 457-2258.

6. SUBMISSION OF BID DOCUMENTS

The Bid, with attachments, must be placed in the supplied Town of Collierville bid envelope, sealed and delivered to the Town of Collierville. The envelope containing the Bid and attachments must be plainly marked with the following information to-wit:

- (1) The Bidder's name and Address,
- (2) Due Date of Bid package,
- (3) Project Title.

The following items **SHALL** be returned in the bid package for consideration: **(Failure to provide appropriate information SHALL be just cause for rejection of the bid.)**

- (1) **Comply and Exception, Section III**
- (2) **Bid Response Form, Section IV**
- (3) **Title VI Form, Section V (Optional)**
- (4) **Descriptive Literature**

The Town requests that all bid documents be submitted in duplicate to the Town of Collierville General Services Department, 500 Poplar View Parkway, Collierville, TN 38017 no later than 2:00 P.M. on XXXXXX, XXXX XX, 2005.

One (1) set of complete descriptive literature shall be furnished with bid. **(Failure to provide appropriate information SHALL be just cause for rejection of the bid.)**

7. SPECIFICATIONS

Any manufacturers' names, trade names, brand names, or catalog numbers used in the specifications are there for the purpose of establishing and describing general performance and quality levels. Such references are not intended to be restrictive, and bids are invited on these and comparable brands or products of any manufacturer, which meets or exceeds the quality of the specifications listed for any item unless otherwise stated in the specifications or proposal.

A bidder may offer only one (1) price on each item though they may have 2 or more types that meet specifications. Bidder must determine for themselves which to offer. Submission by a single bidder of more than one (1) price for a single item shall be sufficient cause for rejection of all prices for that item by the bidder.

Bidder shall check comply or note the exception in the space provided.

7.1. Operating Weight

7.1.1. SAE minimum operating weight of 16,700 pounds exclusive of tire ballast and equipped per the following specs.

Comply: _____ Exception: _____

7.2. Size

7.2.1. Equipped per the following specs, the unit shall have a minimum 40-degree turn tipping load of 11,000 pounds.

Comply: _____ Exception: _____

7.3. Engine

7.3.1. Four-cylinder turbocharged diesel.

Comply: _____ Exception: _____

7.3.2. Minimum SAE net hp 98.

Comply: _____ Exception: _____

7.4. Transmission

7.4.1. Full power electric shift with torque converter (Minimum 3F – 3R speeds) or power shift with hydrostatic drive (Minimum 2F – 2R speeds).

Comply: _____ Exception: _____

7.4.2. The axle shall be conventional-type differential rear, limited slip front with 45% locking valve.

Comply: _____ Exception: _____

7.5. Steering

7.5.1. Full hydraulic articulated frame steering. Loader clearance circle at outside of bucket edge in carry position shall not exceed 29' 7".

Comply: _____ Exception: _____

7.5.2. The loader shall have a two-function hydraulic valve with pilot joystick control.

Comply: _____ Exception: _____

7.6. Drive Axles

7.6.1. Outboard planetary gear drive to each wheel.

Comply: _____ Exception: _____

7.6.2. The rear axle and front axle shall oscillate 24 degrees total, stop to stop (composed of 12 degrees axle oscillation plus 12 degrees frame oscillation).

Comply: _____ Exception: _____

7.7. Brakes

7.7.1. Service brakes shall be dual disks, hydraulically actuated and adjustment free.

Comply: _____ Exception: _____

7.7.2. Brakes must include a redundant dual-split system with separate system for front and rear brake.

Comply: _____ Exception: _____

7.7.3. Parking/secondary brake shall be independent of service brakes and shall be equipped with a warning light or buzzer and be of sufficient design to hold weight of machine on slope. It shall be automatically spring applied.

Comply: _____ Exception: _____

7.8. Tires

7.8.1. All tires shall be minimum of 17.5-25 XLTA (L2 type) Michelin Radial.

Comply: _____ Exception: _____

7.9. Loader

7.9.1. Loader shall be equipped with a multipurpose (4 in 1) bucket min SAE heaped capacity of 1.75 cubic yards. Loader shall include automatic return to dig and bucket self-leveling. Will also be equipped with bolt on cutting edge. Bucket will be 94" wide and weight shall be approximately 2570 lbs.

Comply: _____ Exception: _____

7.9.2. The unit shall have a reach of 45 degree dump at full height of at least 35 inches if equipped with a GP bucket.

Comply: _____ Exception: _____

7.9.3. Minimum SAE J732C bucket breakout force of 16,620 pounds required.

Comply: _____ Exception: _____

7.9.4. Ground clearance under the loader shall be no less than 12' 8".

Comply: _____ Exception: _____

7.10. Dump Clearance

7.10.1. Loader shall have a minimum dump clearance to the cutting edge of 110 inches at full height.

Comply: _____ Exception: _____

7.10.2. Height to hinge pin fully raised shall be no less than 10' 5".

Comply: _____ Exception: _____

7.11. Hydraulic System

7.11.1. Loader shall feature hydraulic lift, lower, dump, rollback, and float. Automatic return to dig control and boom height.

Comply: _____ Exception: _____

7.11.2. The hydraulic system will have a system oil cooler, standard.

Comply: _____ Exception: _____

7.11.3. Hydraulic cycle times shall be no more than 10 seconds total cycle.

Comply: _____ Exception: _____

7.12. Cooling System

7.12.1. Pressurized liquid cooling system with thermostat. Radiator shall be filled with manufacturer's approved anti-freeze solution that provides protection to at least -30 degrees F.

Comply: _____ Exception: _____

7.13. Electrical

7.13.1. The electrical system shall be 12 volt, 65 amp.

Comply: _____ Exception: _____

7.13.2. Batteries shall have a minimum reserve capacity rating of 176 minutes, 850 CCA, 2 - 12 volt batteries high capacity.

Comply: _____ Exception: _____

7.13.3. Driving, turn signals, flashers, stop and taillights will be standard. The loader will be pre-wired for front and rear work lights and will be equipped with a master electrical disconnect switch.

Comply: _____ Exception: _____

7.14. Cab

7.14.1. Unit shall have a fully enclosed steel sound-suppressed cab that provides rollover protection in accord with SAE J1040. Cab shall include: heater, defroster, pressurizer, front and rear windshield washer/wipers, dome light, floor mat, tinted safety glass and air conditioner.

Comply: _____ Exception: _____

7.14.2. The cab shall be ready with 12-volt radio electrical lead and speakers and shall have mounted to the top a white strobe light.

Comply: _____ Exception: _____

7.15. Cab Instrumentation

7.15.1. Cab instrumentation shall include dash-mounted gauges and/or monitor system to include: low engine oil pressure, engine coolant temperature, transmission oil temperature, parking brake indicator, fuel level, speedometer, hour meter.

Comply: _____ Exception: _____

7.16. Additional Equipment

7.16.1. Unit shall be equipped with all standard equipment and shall include: key ignition switch w/safety start, foot throttle, horn, cold weather starting aid, pre-cleaner, dry-type air cleaner with safety element and restriction indicator, muffler, front wheel.

Comply: _____ Exception: _____

7.16.2. An optional quote shall be given for a 2.0 SAE cubic yard Grapple Bucket. Bucket will be pin-on style, 94" wide and will weigh approximately 2450 pounds. (Add Alternate, option only)

Comply: _____ Exception: _____

8. WARRANTY

Vendor will attach to bid response form a copy of general warranty for said equipment. Failure to do so may be cause for rejection of the bid.

Attachment: YES _____ NO _____

9. EQUIPMENT READINESS

The unit shall be completely assembled and adjusted, and all equipment including standard and supplemental equipment shall be installed and the unit made ready for continuous operation.

Comply: _____ Exception: _____

10. EQUIPMENT – NECESSARY PARTS

All parts not specifically mentioned which are necessary for the equipment to be complete and ready for operation or which are normally furnished as standard equipment shall be furnished by the vendor. All parts shall conform in strength, quality and workmanship to the accepted standards of the industry.

Comply: _____ Exception: _____

11. EQUIPMENT – SAFETY REGULATIONS

The unit/equipment provided shall meet or exceed all Federal and State of Tennessee safety, health, lighting and noise regulations and standards in effect and applicable to unit/equipment furnished at the time of manufacture.

Comply: _____ Exception: _____

12. OPERATOR/SERVICE MANUALS

The successful bidder shall be required to provide two (2) sets each of service data information which shall include illustrated parts book and operator's manual, as applicable. **Manuals that are photocopied shall not be acceptable.**

Comply: _____ Exception: _____

13. TRAINING

The successful bidder shall be responsible for providing a minimum of one (1) hour on-site training to appropriate Town staff. All costs associated with required training shall be borne by the bidder.

Comply: _____ Exception: _____

14. DEMONSTRATION

Before awarding purchase, the Town of Collierville may request that bidder demonstrates offered equipment at a specified Town site. Any cost associated with this requirement shall be borne by the bidder.

Comply: _____ Exception: _____

15. SERVICE/PARTS

Service and parts shall be available within the Memphis Metropolitan Area, or offer other accommodations that the Town deems will meet its requirements. The successful bidder shall be responsible for responding to any service and parts requirements in a timely manner.

Comply: _____ Exception: _____

16. SAFETY REQUIREMENTS

All safety equipment necessary to comply with all Federal, State and OSHA requirements must be provided.

Comply: _____ Exception: _____

17. DECALS/MARKINGS

Vendor will not place any decals or markings of any type pertaining to advertisement other than trademarks or model designation normally installed by manufacturer on equipment delivered.

Comply: _____ Exception: _____

18. LIQUIDATED DAMAGES

By submitting a signed bid form and offering a fixed price bid for a Four-Wheel Drive Front-End Loader, bidder hereby understands and mutually agrees to the terms of this section.

If the successful bidder fails to deliver the Four-Wheel Drive Front-End Loader within the time specified in their bid, the actual damages to the Town for the delay will be difficult or impossible to determine. The Town will deduct \$50.00 as fixed amount as liquidated damages for each calendar day of delay, the amount of \$50.00 per calendar day for said items not received per the delivery schedule set forth within the bid documents. The acceptance of awarded purchase order will serve as a binding contract including all bid documents for this provision.

The bidder shall not be charged with liquidated damages or any excess cost when the Town determines that the bidder is without fault and the bidders reasons for the time extension are acceptable to the Town; provided, further, that the bidder shall not be charged with liquidated damages or any excess cost when delay is due to unforeseeable cause beyond the control and without the fault or negligence of the bidder.

Provided, however, that the bidder shall, within ten (10) days from the delivery date notify the Town, in writing, of the causes of the delay, who shall ascertain the facts and extant of the delay and notify the bidder within a reasonable time of its decision in the matter.

Comply: _____ Exception: _____

END OF SECTION