



INVITATION FOR SEALED BID

Bid 01-310

**Description: WIDE AREA MOWER-
Mounted on a Tractor**

Department: PARKS AND REC DEPT

NIGP Commodity Code(s): 020-67-00-000-0

Total pages including this page is 13

NOTE: FAXING OF BIDS WILL NOT BE ACCEPTED

Important Instruction – Read Carefully:

If you have obtained these bid specifications from either of:
City of Tulsa's Fax-on-Demand (918-596-1171) or
City of Tulsa's Web-site : www.cityoftulsapurchasing.org

You must notify the buyer Larry Hood of your intent to bid by e-mail lhood@ci.tulsa.ok.us in order to receive addenda. The buyer will always acknowledge your e-mail for your records. All addenda will be posted on fax-on-demand and the web-site.

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Pay special attention to those pages with a reference to the following notes:

Note #1: Signature of an authorized agent required

Note #2: Signature of an authorized agent and notary required

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Your bid response should follow the same format listed above plus any additional information requested in the body of the bid invitation.

**INVITATION FOR SEALED BIDS
TO
City of Tulsa**

200 CIVIC CENTER, ROOM 109, TULSA, OKLAHOMA 74103

Bid number and date of bid opening must appear on the lower
left outside corner of bid envelopes and all related containers.

DATE OF OPENING: December 20, 2001

BID NUMBER: 01-310

BID MUST BE IN THE CITY CLERK'S OFFICE AT THE ABOVE ADDRESS BY 5:00 P.M. THE DAY PRECEDING THE "DATE OF OPENING" SHOWN ABOVE.

BIDS WILL BE OPENED AT 8:30 A.M. IN THE CITY COUNCIL ROOM ON THE DAY SPECIFIED UNDER "DATE OF OPENING."

PUBLISHED IN THE TULSA DAILY COMMERCE AND LEGAL NEWS: December 3, 4, 5, 6, 7, 2001

Bid must be accompanied by bidder's bond, cashier's check or certified check in the amount of: NONE

PLEASE READ TERMS AND CONDITIONS ON THE NEXT PAGE BEFORE COMPLETING BID DOCUMENTS

THE FOLLOWING SECTION MUST BE COMPLETED BY BIDDER

Delivery will be made in not more than _____ days after receipt of order.

Payment terms _____% _____ days.

City of Tulsa may increase quantity of order at the unit price bid for _____ days. (Bidder to Specify Days) I have examined the terms and specifications and the instructions to bidders herein and agree, provided I am awarded a contract, to provide the above described items for the sum shown in accordance with the terms and specifications stated herein. All deviations are in writing and attached hereto.

Enclosed is a BID BOND ; CASHIER'S CHECK; Certified Check in the amount of \$ _____, which I agree the City of Tulsa may retain as liquidated damages in the event of my failure to comply with the terms of this bid.

MUST BE SIGNED BY AUTHORIZED AGENT TO BE VALID

FIRM NAME _____ by _____
(Signature)

STREET _____ TITLE _____

CITY STATE _____ ZIP CODE _____ PHONE NUMBER _____ DATE _____

GENERAL TERMS AND CONDITIONS OF BIDS

THESE ITEMS APPLY TO AND BECOME A PART OF THE BID.

NO EXCEPTIONS TO THESE TERMS & CONDITIONS WILL BE CONSIDERED.

1. **BIDS MUST BE SUBMITTED ON THIS FORM ONLY INCLUDING A SIGNATURE OF AN AUTHORIZED AGENT.** Each bid shall be placed in a separate envelope. Be sure envelope is completely and properly identified and sealed, showing the bid number and date in the lower left hand corner. Bids must be time stamped in the office of the City Clerk by 5:00 P.M. on the day before date of opening.
2. No bidder may withdraw his proposal for a period of thirty (30) days after the date and hour set for the opening of bids.
3. All prices shall be quoted F.O.B. Tulsa, Oklahoma, and delivery to City of Tulsa location shall be without additional charge.
4. The bidder shall attach the manufacturer's name of the equipment or material to be furnished, type, model numbers, manufacturer's descriptive bulletins and specifications. All guarantees and warranties should be clearly stated. This data shall be in sufficient detail to describe accurately the equipment or material to be furnished. Manufacturer's specifications, in respect to the successful bidder, shall be considered as part of his contract with the City of Tulsa.
5. The bidder shall show in the proposal both the unit prices and total amount, where required, of each item listed. In the event of error or discrepancy in the mathematics, the unit prices shall prevail.
6. Any exceptions or deviations from written specifications shall be shown in writing and attached to the bid form.
7. Each bidder agrees to comply with the terms of Title 5, Chapter 1, of Tulsa Revised Ordinances relating to equal employment opportunity.
8. **THE ENCLOSED FORMS REGARDING NON-COLLUSION AND FINANCIAL INTEREST MUST BE SIGNED, NOTARIZED, AND RETURNED WITH THE BID.**
9. The City of Tulsa reserves the right to reject any and all bids, to waive any technicalities in the bidding, and to award each item to different bidders or all items to a single bidder.
10. All bids must be accompanied by bidders bond, cash, certified or cashier's check in the amount shown on the face of the bid form. This amount shall be retained by the City of Tulsa as liquidated damages in the event the successful bidder (or bidders) fails to execute a contract, if required. The bidder agrees that said amount is presumed to be the damages sustained by the City due to the impracticability and extreme difficulty in fixing the actual damages. The office of the City Clerk will return the bid deposits to the unsuccessful bidders, after a contract has been awarded or all bids have been rejected.
11. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of invoice, the date of receipt of all material covered by the purchase order, or the date of receipt by the City of Tulsa of the original copy of the purchase order with properly executed Affidavit of Claimant, whichever is the later date.
12. Direct purchase of certain items of equipment or material by the City of Tulsa are exempt from Federal Excise Tax and Oklahoma Sales Tax. In such cases the bidder shall quote prices which do not include Federal Excise Tax and Oklahoma Sales Tax. The City of Tulsa will furnish executed exemption certificates upon presentation by the bidder at the time of purchase.
13. Bid must show number of days required for delivery under normal conditions. Failure to state delivery time obligates bidder to complete delivery in fourteen (14) calendar days. Unrealistically short or long delivery promises may cause bid to be disregarded. Contractor must keep Purchasing Department advised at all times of status of order. Default in promised delivery or failure to meet specifications authorizes the Purchasing Agent to purchase supplies elsewhere and charge full increase of cost and handling to defaulting contractor. Consistent failure to meet delivery promises without valid reason may cause removal from bid list.
14. Bidder agrees to defend and save City of Tulsa from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patent relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
15. If the bid requires a written contract, the successful bidder shall execute a written contract with the City of Tulsa and return the required bonds and insurance certificates within ten (10) days after submission of contracts to said bidder by the City.

BIDDER AFFIDAVIT - TITLE 74 O.S. (1974 SUPP.) 85.22-85.25

STATE OF _____ COUNTY OF _____

_____, of lawful age, being first duly sworn on oath says
Authorized Agent

1. (s)he is the duly authorized agent of _____, the bidder submitting the competitive bid which is attached to this statement, for the purpose of certifying the facts pertaining to the existence of collusion among bidders and between bidders and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to the bid to which this statement is attached.
2. (s)he is fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached and has been personally and directly involved in the proceedings leading to the submission of such bid; and
3. neither the bidder nor anyone subject to the bidder's direction or control has been a party;
 - a. to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding,
 - b. to any collusion with any municipal official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract, nor
 - c. in any discussions between bidders and any municipal official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

SIGNATURE OF AUTHORIZED AGENT

Subscribed and sworn to before me this _____ day of _____, 20_____.

Signature of Notary Public

MY COMMISSION EXPIRES

The Bidder Affidavit must be completed, signed by an authorized agent, and notarized.

CONTRACTOR/BIDDER INFORMATION SHEET

**To be completed by all Bidders
For Contracts with the City of Tulsa
(Please print or type)**

Project No. or Description _____

Full Name of Bidder _____

Legal Identity
(Corporation, Partnership,
Individual, etc.) _____

Address _____

Telephone No. _____

FAX No. _____

Taxpayer Identification Number _____

Contact Person _____

Phone No. _____

Fax No. _____

E-mail address _____

Webpage Address _____

Price Sheet Summary

Vendor Name: _____ Signature: _____
Date: _____

You will be able to obtain a copy of the Bid Summary on the City of Tulsa's Purchase-Net Fax-on-Demand and Website shortly after bid opening.

BID 01-310

<u>Qty</u>	<u>Description</u>	<u>Total Cost*</u> (Each)
1 or more	WIDE AREA MOWER (FLAIL TYPE) -Mounted on a Tractor Per attached specifications (INDICATE MAKE AND MODEL BID)	\$ _____

WARRANTY INFORMATION

STANDARD WARRANTY TERMS AND CONDITIONS:

MOWER: _____ T

TRACTOR: _____

OPTIONAL EXTENDED WARRANTIES:

MOWER: _____ COST: _____

TRACTOR: _____ COST: _____

* Delivered

**BID 01-310
WIDE AREA MOWER (FLAIL TYPE)
MOUNTED ON A TRACTOR**

INTENT:

It is the intent of this bid to secure, on a competitive basis, a source of supply for furnishing one(1), or more, **Wide Area Mower (Flail Type)-mounted on a tractor** for the City of Tulsa, Parks and Rec Department.

ALTERING BIDS:

Bids cannot be altered or amended after submission deadline. Any interlineation, alteration, or erasure made before opening time and date must be initialed by the signer of the bid, guaranteeing authenticity. Bids must be submitted in ink or typewritten. Penciling will not be accepted.

PRICING:

Bid prices, unless otherwise specified, must be net, including transportation and handling charges fully prepaid by vendor to destination and subject only to cash discount for prompt payment of invoice.

DESCRIPTIVE LITERATURE, BROCHURES, SPECIFICATIONS SHEETS:

Bidders must provide descriptive literature, brochures and or specification sheets on products bid. Where specific brands/manufacturers may be included in the City's specifications, other brands/manufacturers that are "equal to or better than" will be considered, as long as documentation is supplied to support compliance. This information is to be part of your bid and included with your bid package. Failure to comply will result in rejection of your bid.

BIDDER AFFIDAVITS:

Each bidder shall accompany his bid with a fully executed and notarized copy of the attached Non-Collusion Affidavit and the Interest Affidavit. Failure to do so shall be cause for rejection of the bid.

ADDENDA AND INTERPRETATIONS:

If it becomes necessary to revise any part of this bid, a written addendum will be provided to all the bidders. The City of Tulsa is not bound by any oral representations, clarifications, or changes made in the written specifications by City of Tulsa employees unless such clarification or change is provided to bidders in written addendum form from the Purchasing Division.

AWARD OF BID:

The bid shall be awarded to the firm whose proposal is responsive to the bid and is most advantageous to the City, considering the factors identified in the bid and Section 406E of Title 6, The Purchasing Ordinance set forth below. The City reserves the right to award each item in the bid to a different bidder, or all items to a single bidder.

406E. AWARD OF CONTRACT

- 1. Authority in the Mayor. The Mayor shall have the authority to award Contracts within the purview of this chapter.**

- 2. Lowest Secure Bidder. Contracts shall be awarded to the lowest secure bidder meeting specifications. Bid Specifications may include a point system for evaluating the lowest secure bid. In determining “lowest secure bidder”, in addition to price, the following factors shall be considered:**
 - a. the ability, capacity and skill of the bidder to perform the contract or provide the service required;**
 - b. whether the bidder can perform the contract or provide the service promptly or within the time specified, without delay or interference;**
 - c. the character, integrity, reputation, judgment, experience and efficiency of the bidder;**
 - d. the quality of performance of previous contracts or services;**
 - e. the previous and existing compliance by the bidder with laws and ordinances relating to the contract or service;**
 - f. the sufficiency of the financial resources and ability of the bidder to perform the contract or provide the service;**
 - g. the quality, availability and adaptability of the supplies or contractual services to the particular use required;**
 - h. the ability of the bidder to provide future maintenance and service for the use of the subject of the contract;**
 - i. where an earlier delivery date would be of great benefit to the requisitioning agency, the date and terms of delivery may be considered in the bid award, and**
 - j. the number and scope of conditions attached to the bid.**
 - k. If a point system has been utilized in the bid specifications, the number of points earned by the bidder.**

SPECIFICATIONS – BID 01-310

WIDE AREA MOWER (FLAIL TYPE)

18 feet 5 inches cutting width – 2 -74 inch wings
And 1- 88 inch rear mower

Frame

Full length – mounting at front of tractor and pads at rear of tractor.
(Specifically excluding mounting to the bell housing of the tractor)
Frame to include a positive transport lock up position.

Mowers

WING MOWERS – 74 INCH

74 inch hydraulic drive unitized outer housing: 10 gauge top & ½ inch inboard & 5/16 inch outboard end plates with bearing guards.

Full – length replaceable skid shoes.

Cutter Shaft: Balanced 4-1/2 inch diameter, 3/8 inch wall with four rows of knives. Knife tip speed, 8900 RPM. Mounting provides anti-jamming seal. (Rubber shock mount not acceptable)

Cutter Shaft Bearing's: Grease able, sealed, self aligning, 1-15/16 inch, rated @ 3300 lbs. Attached to housing with six, grade five, 3/8 inch bolts. Bearing flange may be used as bearing puller. (Pillow block bearings not acceptable)

Rear Roller: 6 inch diameter, full length, rated @ 6000 lbs. Cutting height adjustable from 0-6 inch in ½ inch increments.

Roller Adjustment Bracket: Labyrinth seal formed by recessed tubing protecting bearing from foreign material. ½ inch x 6 inch formed roller brackets attached by four ½ inch grade five-carriage bolts. Optional roller scraper brackets provided.

Widths: Two 74-inch wings and one 88-inch rear mower with full length (rear) rubber & (front) metal trash deflector's.

Hydraulics: Powered from front crankshaft of tractor, Two piston pump & two motors, each rated @ 24 GPM @ 3800 PSI, 53 hp. Each. (Gear pump not acceptable)

Hydraulic Reservoir: Total capacity, 25 gallons. Filter fully filtered, 10 micron & 75 GPM capacity. Cooling, in frame with pressure relief valves for each wing unit.

Control Valve & Cylinders: Four-spool (open center system) with float detent position.

Cylinders: Lift- 3 inch with 8-inch stroke. (Capable of 14 inch horizontal lift) Tilt- 3-1/2 inch bore with 9-inch stroke. Capable of cutting 40 degrees downward & 57 degrees upward without leaving a strip of grass between side & rear mowers. Rear mower to have 7-inch overlap on each side.

Knives: Course cut knives, reversible & self-cleaning. Dimensions-1-3/4 inch x 3-5/16 inch, .1046 inch thick, 3-ounce's each. Mounted to cutter shaft on heat-treated clevis rings. Number of knives 36 pairs per mower.

Safety Items: Each wing mower will have a wing tilt switch that will shut off mowers automatically when raised into transport position. Also to be equipped an electric lock out device so that the tractor can't be started while the mowers are engaged.

REAR MOWER – 88 INCH

Mower Housing: Unitized 10 gauge cutter housing with bearing guards. Full length replaceable skid shoes.

Cutter Shaft: , **Cutter Shaft Bearings:** , **Rear Roller:** , **Roller Bearings:** , **And Roller Adjustment Bracket:** , Spec's same as wing mowers.

Lift Chains: To allow flexibility to the tractor hitch, provides a greater vertical angular range, which the mower can freely move through.

Drive Train: PTO – 540 – Category four with spring-loaded slip clutch. Gearbox ' 60 HP continuous, 90 HP intermittent. Drive shaft to outboard drive totally enclosed. Drive belt, modified "c" section "v" belt, and reverse bend. 16 inch wrap per pulley. Belt adjustment with automatic spring tension.

Knives: Spec's same as wing mower with the exception of the number of blades. 88 inch mower to have 44 pairs of knife blades.

Options: That each mower to be reversed cutting rotation.

Model TS110 All Purpose Tractor

DELUXE CAB

Flat Deck Cab Platform, two doors with locks
Pantograph Front Wiper System with intermittent wipe and 2 speeds
Intermittent Rear Wiper
Windshield Washer
Radio Ready -with speakers, antennae and connections for radio
Rear Wipe, FWD, Diff Lock and IYrO located on right-hand console/B-pillar
Soft Feel Control Grips and Handles
4 Pin 40 amp Implement Socket with inside switch
8 amp Accessory Power Socket

DELUXE CAB (CONT)

Storage Box and Shelf with cup holder
Air Conditioning
3-speed Pressurizer
Standard Air Seat with operator's presence switch and lap belt
Sun Screen
Interior Rearview Mirror
Dual Wet Batteries with 100 amp alternator Battery
Boost Terminals under right-hand step Top Hinged Rear Window
Hinged Side Windows
Digital Clock
Right-Hand Console Transmission Controls

DELUXE CAB (CONT)

Four Front and Four Rear Halogen Worklights
Timed Turn Signals
Brake Light
Two Spool Closed Center Load Sensing Remote Valve, Single Joystick Control for #1 and #2 Remotes
8 amp Cigar Lighter
40 amp Positive/Negative Output Terminals Integral
ROPS
Heater
Roof Vent Hatch
Interior Dome Lights
Rear Access Panel
Recirculating Doors
Analog/Digital Instrument Panel
(2) External Min-ors
(2) Remote 3-point Fender Switches (EDC only)

Engine

PTO HP-90

Cylinders- 4

Aspiration- Turbo

Displacement Cubic inch – 304

Rated speed – 2070

PTO torque rise % - 25

Transmission

16 X 16 Elstroshift

Electrical

Battery – dual / 1600 cca

Alternator – 100 amp.

Starter HP – 4.2

Hydraulic System

Pump type – Opt-var. displ- 16 X 16

Pump capacity @ rated speed gpm. - 20

Rear 3 point hitch 16 X 16

Category II

Rear fender switches

Axles Tread adjustment in.

Front FWD 56-84

Rear - 60-80

Steering

Type – Hydrostatic

Turns lock to lock – 3,4 turns

Front steering angle – 55 degrees

Front axle oscillation – 10 degrees

Dimensions

Height – 114 in. to top of exhaust

To top of cab – 108 in

Wheelbase- 93 in.

Max. overall length- 154 in.

Overall width- 86 in.

Min. clearance,

Draw bar- 23 in.

Front axle FWD- 18 in.

Turn radius w/o brakes, FWD disengaged- 159in.

Capacities

Fuel- 42 gal.

Crankcase – 12 qt.

Transmission – 16 X 16 – 64 qt.