



## INVITATION FOR SEALED BID

**BID 00-342A**

Description: TRENCHING MACHINE  
Department: CITY OF TULSA PUBLIC WORKS DEPARTMENT

**NIGP Commodity Code(s):760-00-00-000-0**

Total pages including this page is 15

**NOTE: FAXING OF BID 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 Website : [www.cityoftulsapurchasing.org](http://www.cityoftulsapurchasing.org)

you must notify the buyer **EARNIE SUMERALL** of your intent to bid by e-mail [esumerall@ci.tulsa.ok.us](mailto:esumerall@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 website.

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

**Note #1: Signature of authorized agent required**

**Note #2: Signature of an authorized agent and notarized required**

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**Your bid response should follow the same format listed above plus any additional format 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: APRIL 12, 2001**

**BID NUMBER: 00-342A**

**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: MARCH 19,20,21,22,23,, 2001

Bid must be accompanied by bidder's bond, cashier's check or certified check in the amount of: NOT REQUIRED

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

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**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 \_\_\_\_\_

STREET \_\_\_\_\_ TITLE \_\_\_\_\_

CITY STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_ PHONE NUMBER \_\_\_\_\_ DATE \_\_\_\_\_

## GENERAL TERMS AND CONDITIONS OF SEALED 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, Oklahoma Charter and 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.

# INTEREST AFFIDAVIT

STATE OF \_\_\_\_\_ }  
  } ss  
COUNTY OF \_\_\_\_\_ }

\_\_\_\_\_, of lawful age, being first duly sworn, states that s(he) is the agent authorized by the bidder to submit the attached bid. Affiant further states that no officer or employee of the City of Tulsa either directly or indirectly, owns a twenty-five percent (25%) interest in the bidder's business or such a percentage which constitutes a controlling interest. Affiant further states that the following officers and/or employees of the City of Tulsa have some direct or indirect interest in the bidder's business:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By \_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

\_\_\_\_\_

NOTARY PUBLIC SIGNATURE

My Commission Expires:

\_\_\_\_\_

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

# 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 \_\_\_\_\_, 19\_\_\_\_\_.

\_\_\_\_\_  
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

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Vendor Name: \_\_\_\_\_ Signature: \_\_\_\_\_  
Date: \_\_\_\_\_

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**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.**

BIDDER AGREES TO FURNISH ONE (1) OR MORE TRENCHING MACHINE(S) IN ACCORDANCE WITH THE MINIMUM BID SPECIFICATIONS AT THE UNIT PRICE SHOWN:

\$ \_\_\_\_\_ EACH

MAKE AND MODEL OF TRENCHER: \_\_\_\_\_

**OPTIONAL**

5 YEAR/6000 HOUR PREVENTATIVE MAINTENANCE PROGRAM, IN FIELD SERVICE AT 100 HOURS, 250 HOURS, AND EVERY 250 HOURS THEREAFTER.

\$ \_\_\_\_\_ TOTAL

**BID 00-342A**  
**TRENCHING MACHINE**  
**NIGP CODE 760-00-00-000-0**

**FOR THE**  
**CITY OF TULSA**

**INTENT**

THE INTENT OF THESE SPECIFICATIONS IS TO SET MINIMUM REQUIREMENTS, NOT TO OTHERWISE LIMIT BIDDING FOR THE SUPPLY OF ONE (1) OR MORE TRENCHING MACHINE(S) FOR THE CITY OF TULSA.

INASMUCH AS SOME DESIGNS OF EQUIPMENT VARY AMONG DIFFERENT MANUFACTURERS, THE CITY MAY ACCEPT BIDS ON EQUIPMENT WITH MINOR DEVIATIONS TO THE WRITTEN SPECIFICATIONS. GENERALLY, A MINOR DEVIATION IS DEFINED AS A DEVIATION WHICH DOES NOT: (A) MATERIALLY AFFECT THE ABILITY OF THE PRODUCT TO ACHIEVE OR ACCOMPLISH A NECESSARY FUNCTION OR TASK IN THE MANNER REQUIRED BY THE SPECIFICATIONS; (B) COMPROMISE THE SAFETY OF THE USER THEREOF; AND, (C) PRODUCE HIGHER LATENT OR PATENT COSTS TO THE CITY IN ANY OF A MULTIPLICITY OF WAYS. THE CITY OF TULSA SPECIFICALLY RESERVES THE RIGHT TO MAKE THE FINAL JUDGMENT CONCERNING WHAT IS OR IS NOT A MINOR DEVIATION AND TO AWARD THE BIDDER(S) WHOSE BID(S) BEST SUIT THE CITY'S NEED FOR THE PRODUCT BEING PURCHASED.

**PRICES**

PRICES BID SHALL BE BASED ON NEW, UNUSED CURRENT PRODUCTION MODEL EQUIPMENT.

**SPARE PARTS**

THE CITY OF TULSA SHALL EXPECT THE MANUFACTURER TO HAVE AN ADEQUATE STOCK OF REPLACEMENT PARTS AVAILABLE TO SERVICE CITY EQUIPMENT AND TO MAKE DELIVERY WITHIN A REASONABLE TIME OF ALL NORMAL REPLACEMENT PARTS TO THEIR DEALERS WHO SERVICE THE CITY EQUIPMENT.

**METHODS OF SAMPLING, INSPECTIONS & TESTS**

1. AFTER BID RESULTS ARE TABULATED, THE CITY OF TULSA PURCHASING DIVISION RESERVES THE RIGHT TO REQUIRE SAMPLES OF SELECTED EQUIPMENT AND/OR PRODUCTS FOR INSPECTION AND EVALUATION.
2. UNLESS OTHERWISE SPECIFIED IN THE CONTRACT OR PURCHASE ORDER, THE SUPPLIER SHALL BE RESPONSIBLE FOR THE PERFORMANCE OF ALL INSPECTION AND TEST REQUIREMENTS NECESSARY TO INSURE COMPLIANCE WITH REQUIREMENTS FOR THIS SPECIFICATION. THIS DOES NOT PRECLUDE SUBSEQUENT INSPECTION AND TESTIMONY BY THE CITY OF TULSA TO FURTHER DETERMINE CONFORMANCE WITH SPECIFICATION REQUIREMENTS OF QUALITY STANDARDS OF WORKMANSHIP, MATERIAL AND CONSTRUCTION TECHNIQUE.

## **DELIVERY AND SPECIAL INSTRUCTIONS**

THE SUCCESSFUL BIDDER(S) SHALL DELIVER THE TRAILERS, AT THEIR EXPENSE, TO THE LOCATION(S) SPECIFIED BY THE CITY.

## **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 REPRESENTATION, 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.

## **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.

## **DESCRIPTIVE LITERATURE**

EACH BIDDER IS REQUIRED TO FURNISH WITH THEIR BID, CATALOG CUTS AND/OR DESCRIPTIVE LITERATURE, PROPERLY LABELED WITH THE BID NUMBER AND BIDDER'S NAME, WITH FULL ILLUSTRATIONS AND DETAILED SPECIFICATIONS FOR EACH ITEM OFFERED AS EQUAL TO THE BRAND NAME SPECIFIED. IN ADDITION, **ALL DIFFERENCES IN SPECIFICATIONS FROM THE SPECIFICATIONS STATED HEREIN MUST BE SO MARKED.** DESCRIPTIVE LITERATURE IS REQUIRED TO ESTABLISH, FOR THE PURPOSE OF BID EVALUATION AND AWARD, DETAILS OF THE PRODUCT(S) THE BIDDER PROPOSES TO FURNISH AS TO DESIGN, MATERIALS, METHOD OF MANUFACTURE, CONSTRUCTION, ASSEMBLY OR OPERATION, AS APPROPRIATE. **FAILURE TO SUBMIT THE DESCRIPTIVE LITERATURE WILL BE CAUSE FOR REJECTION OF YOUR BID.**

## **AMERICANS WITH DISABILITIES ACT**

THE CONTRACTOR SHALL TAKE THE NECESSARY ACTIONS TO ENSURE ITS FACILITIES AND EQUIPMENT ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT. IT IS UNDERSTOOD THAT THE PROGRAM OF THE CONTRACTOR IS NOT A PROGRAM OR ACTIVITY OF THE CITY OF TULSA. THE CONTRACTOR AGREES THAT ITS PROGRAM OR ACTIVITY WILL COMPLY WITH THE REQUIREMENTS OF THE ADA. ANY COSTS OF SUCH COMPLIANCE WILL BE THE RESPONSIBILITY OF CONTRACTOR. UNDER NO CIRCUMSTANCES WILL CONTRACTOR CONDUCT ANY ACTIVITY WHICH IT DEEMS TO NOT BE IN COMPLIANCE WITH THE ADA.

## **BIDDER'S PROPOSAL COLUMN**

BIDDER SHALL COMPLETE EVERY SPACE IN SECTION 2, BIDDER'S PROPOSAL COLUMN. THE BIDDER SHALL GIVE A COMPLETE DESCRIPTION OF THE ITEM BEING BID SUCH AS, SIZES, CAPACITIES, DIMENSIONS, ETC. **MARKINGS SUCH AS CHECKS, AND BLANK SPACES WILL BE CONSIDERED AS NON-RESPONSIVE AND REASON FOR REJECTION.** THE WORD **COMPLY** WILL BE INTERPRETED AS MEANING THE **SAME** AS SPECIFIED. **FAILURE TO COMPLY WILL RESULT IN REJECTION OF YOUR BID.**

## **EMPLOYMENT DISCRIMINATION BY CONTRACTOR PROHIBITED**

A. DURING THE PERFORMANCE OF THIS CONTRACT, THE CONTRACTOR AGREES AS FOLLOWS:

- (1) THE CONTRACTOR WILL NOT DISCRIMINATE AGAINST ANY EMPLOYEE OR APPLICANT FOR EMPLOYMENT BECAUSE OF RACE, RELIGION, COLOR, SEX OR NATIONAL ORIGIN, EXCEPT WHERE RELIGION, SEX OR NATIONAL ORIGIN IS A BONFIDE OCCUPATIONAL QUALIFICATION REASONABLY NECESSARY TO THE NORMAL OPERATION OF THE CONTRACTOR. THE CONTRACTOR AGREES TO POST IN CONSPICUOUS PLACES, AVAILABLE TO EMPLOYEES AND APPLICANTS FOR EMPLOYMENT, NOTICES SETTING FORTH THE PROVISION OF THIS NON-DISCRIMINATION CLAUSE.
- (2) THE CONTRACTOR, IN ALL SOLICITATIONS OR ADVERTISEMENTS FOR EMPLOYMENT PLACED BY OR ON BEHALF OF THE CONTRACTOR, WILL STATE THAT SUCH CONTRACTOR IS AN EQUAL OPPORTUNITY EMPLOYER.
- (3) NOTICES, ADVERTISEMENTS AND SOLICITATIONS PLACED IN ACCORDANCE WITH FEDERAL LAW, RULE OR REGULATION SHALL BE DEEMED SUFFICIENT FOR THE PURPOSE OF MEETING THE REQUIREMENTS OF THIS SECTION.

B. THE CONTRACTOR WILL INCLUDE THE PROVISION OF THE FOREGOING PARAGRAPHS OF THIS SECTION IN EVERY SUBCONTRACT OR PURCHASE ORDER OF OVER \$10,000, SO THAT THE PROVISIONS WILL BE BINDING UPON EACH SUBCONTRACTOR OR VENDOR.

## **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:

E. AWARD OF CONTRACT.

1. AUTHORITY OF 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. 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;

**AWARD OF BID (CONTINUED)**

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, AND;

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.

**BID DOCUMENTS**

**BIDDER SHALL RETURN ALL BID DOCUMENTS (15 PAGES) INTACT EXACTLY AS FURNISHED IN IT'S ORIGINAL FORM. ALL BID DOCUMENTS REQUIRING SIGNATURE MUST BE SIGNED BY AN AUTHORIZED AGENT OF THE COMPANY BIDDING. PRINTING YOU NAME IN LIEU OF SIGNATURE WILL NOT BE ALLOWED.**

**FAILURE TO COMPLY WILL RESULT IN REJECTION OF YOUR BID.**

**CITY OF TULSA  
EQUIPMENT SPECIFICATIONS**

**BIDDER SHALL COMPLETE EVERY SPACE IN SECTION 2 (BIDDER'S PROPOSAL COLUMN. THE BIDDER SHALL GIVE A COMPLETE DESCRIPTION OF THE ITEM BEING BID, SUCH AS SIZES, CAPACITIES, DIMENSIONS, ECT.**

SECTION 1 ITEM	SPECIFICATIONS ( MINIMUM )	SECTION 2 BIDDER'S PROPOSAL
<b>GENERAL:</b>	A FOUR-WHEEL DRIVE CONVENTIONALLY STEERED RIDING BASIC UNIT. COMPATIBLE WITH DITCH WITCH H-SERIES ATTACHMENTS INCLUDING TRENCHER PLOW COMBO AND BACKHOE.	
<b>GENERAL:</b>	THE EQUIPMENT SUPPLIED SHALL BE NEW, UNUSED, AND CURRENT YEAR MODEL	MODEL YEAR: _____ MANUFACTURER: _____ MODEL NUMBER: _____
<b>DIMENSIONS:</b>	MAXIMUM LENGTH 109.5 INCHES MAXIMUM WIDTH 69.5 INCHES MAXIMUM HEIGHT 92 INCHES	
<b>ENGINE:</b>	OIL COOLED 4 CYLINDERS DIESEL ENGINE MINIMUM 56 HORSE POWER @ 2500 RPM DEUTZ F4M1011F OR EQUIVALENT. MUST BE MOUNTED ON TRACTOR FRAME.	
<b>HYDRAULIC SYSTEM:</b>	GROUND DRIVE CAPACITY 28.4 GPM GROUND DRIVE PUMP RELIEF SETTING 3625 PSI ATTACHMENT DRIVE PUMP CAPACITY 28.4 GPM ATTACHMENT DRIVE PUMP RELIEF ( TRENCHER ) TRENCHER 5000 PSI AUXILIARY PUMP CAPACITY 11 GPM AUXILIARY PUMP RELIEF SETTING 2500 PSI RETURN CHARGE PUMP FILTRATION 15 PSI	
<b>GROUND DRIVE:</b>	MUST BE RIGID, ONE PIECE FRAME FOR EASY STRAIGHT LINE TRENCHING WITH AUTOMOTIVE FRONT STEERING FOR SAFETY AND EASE OF OPERATION. MUST BE FULL-TIME FOUR-WHEEL DRIVE WITH FULLY HYDROSTATIC GROUND DRIVE INFINITELY VARIABLE FROM ZERO TO MAXIMUM. ALL GROUND DRIVE GEARS MUST BE ENCLOSED IN A CAST IRON GEAR BOX RUNNING IN OIL FOR LESS MAINTENANCE AND NO EXPOSURE TO ROCKS, DIRT AND OTHER CONTAMINANTS. MUST USE DANA 60 LIMITED SLIP DIFFERENTIALS OR EQUAL.	

## EQUIPMENT SPECIFICATIONS

BIDDER SHALL COMPLETE EVERY SPACE IN SECTION 2 (BIDDER'S PROPOSAL COLUMN. THE BIDDER SHALL GIVE A COMPLETE DESCRIPTION OF THE ITEM BEING BID, SUCH AS SIZES, CAPACITIES, DIMENSIONS, ECT.

SECTION 1 ITEM	SPECIFICATIONS ( MINIMUM )	SECTION 2 BIDDER'S PROPOSAL
<b>OPERATOR'S STATION:</b>	SEAT MUST SWIVEL 20 DEGREES TO PROVIDE ACCESS TO ATTACHMENT CONTROLS WITHOUT LEAVING THE SEAT, WHILE PROVIDING A CLEAR VIEW AHEAD. SEAT MUST BE ADJUSTABLE FORWARD AND BACK AND UP AND DOWN TO ACCOMMODATE DIFFERENT OPERATORS. SEAT SWIVEL MUST HAVE A MECHANICAL POSITIVE PIN LOCK TO REDUCE THE LIKELIHOOD OF SWIVEL SEAT SLIPPAGE ON SIDE SLOPES. THE OPERATOR STATION FEATURE COLOR CODED CONTROLS FOR OPTIMAL PRODUCTIVITY.	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div>
<b>INSTRUMENTATION:</b>	UNIT SHALL HAVE DASH MOUNTED GAUGES AND/OR MONITORING SYSTEM THAT WILL INCLUDE: TRANSMISSION TEMPERATURE, ENGINE COOLANT TEMPERATURE, ENGINE OIL PRESSURE, HYDRAULIC FILTER RESTRICTION, TRANSMISSION FILTER RESTRICTION, ELECTRIC VOLTAGE, AND ELECTRIC HOUR METER.	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div>
<b>SAFETY:</b>	MUST INCLUDE AN INTERLOCK SYSTEM THAT REQUIRES THE OPERATOR BE IN THE SEAT OF THE MACHINE BEFORE STARTING AND WHILE THE MACHINE IS IN THE WORK MODE. THIS SYSTEM MUST ALSO PROVIDE THAT THE MACHINE WILL NOT START IF THE DIGGING CHAIN IS ENGAGED OR GROUND DRIVE MOVEMENT IS INITIATED. THIS SYSTEM MUST ALSO HAVE INDICATORS TO RELAY TO THE OPERATOR WHICH OF THE FUNCTIONS IS NOT IN THE PROPER POSITION.	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div>
<b>BACKFILL BLADE:</b>	MUST HAVE AS OPTIONAL EQUIPMENT A SIX WAY HYDRAULIC BACKFILL BLADE CONTROLLED WITH A SINGLE HANDLE CONTROL FROM THE OPERATORS POSITION. BLADE MUST BE MOUNTED ON FRONT OF FRAME, FOR VISIBILITY, EASE OF OPERATION AND REDUCED TRAINING TIME. BLADE MUST HAVE A MINIMUM WIDTH OF 64 INCHES AND LIFT ABOVE GRADE 26.5 INCHES AND DROP BELOW GRADE 8 INCHES. HYDRAULIC ANGLE MUST BE A MINIMUM OF 20 DEGREES LEFT AND RIGHT. HYDRAULIC TILT ANGLE MUST BE A MINIMUM OF 10 DEGREES UP AND DOWN TO MATCH GROUND GROUND CONTOUR. MUST LIFT ABOVE GRADE A MINIMUM OF 26.5 INCHES, MINIMUM ANGLE OF APPROACH MUST BE 24 DEGREES WITH THE BACKFILL BLADE FULLY RAISED.	<div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div> <div style="border-bottom: 1px solid black; height: 15px; margin-bottom: 2px;"></div>

**CITY OF TULSA  
EQUIPMENT SPECIFICATIONS**

**BIDDER SHALL COMPLETE EVERY SPACE IN SECTION 2 (BIDDER'S PROPOSAL COLUMN. THE BIDDER SHALL GIVE A COMPLETE DESCRIPTION OF THE ITEM BEING BID, SUCH AS SIZES, CAPACITIES, DIMENSIONS, ECT.**

SECTION 1 ITEM	SPECIFICATIONS ( MINIMUM )	SECTION 2 BIDDER'S PROPOSAL
<b>TRENCHING ATTACHMENT:</b> MAXIMUM TRENCH DEPTH 52" MAXIMUM TRENCH WIDTH OFFSET 8"	A DUAL POSITION TRENCHING ATTACHMENT CAN BE IN CENTERLINE OF FULL OFFSET POSITIONS WITHOUT REMOVING THE CHAIN AND BOOM. THE HEAD SHAFT MOTOR, HEAD SHAFT PIVOT AND DIGGING BOOM CAN BE MOVED TOGETHER ACROSS THE ATTACHMENT. THIS IS POSSIBLE BY REMOVING SIX BOLTS AND SLIDING THESE COMPONENTS ALONG A CHROME SHAFT. A 12 TOOTH HEAD SHAFT SPROCKET STANDARD. DELIVERED ATTACHED IN CENTERLINE POSITION WITH 8" TRENCH WIDTH	
<b>BACKHOE ATTACHMENT:</b>	MUST BE FRONT-MOUNTED. FIVE-FOOT OR SIX AND A HALF FOOT UTILITY BACKHOE WITH STANDARD HYDRAULIC STABILIZERS. MUST USE GREASELESS COMPOSITION BUSHINGS THAT REQUIRE NO DAILY LUBRICATION. UNIT MUST ALSO USE SWING CHAINS INSTEAD OF RACK AND PINION GEARS FOR EASY ADJUSTMENTS. MAXIMUM DIGGING DEPTH 64 INCHES. REACH FROM SWING PIVOT 104 INCHES, BUCKET ROTATION 130 DEGREES, STABILIZER SPREAD (OPERATING) 98 INCHES. TO INCLUDE 18" HEAVY DUTY BUCKET WITH REPLACABLE TEETH.	
<b>WARRANTY:</b>	MANUFACTURER'S WARRANTY SHALL BE A MINIMUM OF 36 MONTHS ON FULL MACHINE OR 3,000 HRS.  BIDDER SHALL ATTACH A COPY OF WARRANTY.  NO UP CHARGES OR TRAVEL TIME & MILEAGE WILL BE CHARGED DURING WARRANTY PERIOD.	
<b>MANUALS:</b>	TWO EACH PROVIDED OPERATORS PARTS SERVICE	
<b>BID AS OPTION:</b>  <b>MAINTENANCE</b>	5 YEAR / 6000 HOUR PREVENTATIVE MAINTENANCE PROGRAM, IN FIELD SERVICE AT 100 HRS, 250 HRS, AND EVERY 250 HOURS THEREAFTER.	