



**ADDENDUM
BID 02-306
CRAWLER DOZER 17,000lb WT. CLASS**

NOTICE: THIS ADDENDUM ADDS DETAILS ON THE REQUIRED EXTENDED PREVENTIVE MAINTENANCE COVERAGE, WHICH WERE OVERLOOKED IN THE ORIGINAL BID SPECIFICATIONS. THESE DETAILS ARE ON PAGES 20-22.

THE DUE DATE FOR SEALED BIDS IS STILL 9-25-02.

22 Pages

INVITATION FOR SEALED BID

BID 02-306

Description: CRAWLER DOZER 17,000lb Wt. Class

Department: PUBLIC WORKS

NIGP Commodity Code(s): 765-83-00-000-0

Total pages including this page is 22

NOTE: FAXED 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 Website : 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 website.

TABLE OF CONTENTS

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

Table of Contents		3
Invitation for Sealed Bid	(Note #1)	4
General Terms and Conditions		5
Interest Affidavit	(Note #2)	6
Bidder Affidavit	(Note #2)	7
Contractor Information Sheet		8
Summary Price Sheet		9
Additional Terms and Conditions		10
Specifications		13

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: September 26, 2002

BID NUMBER: 02-306

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: September 16, 2002

Bid must be accompanied by bidder's bond, cashier's check or certified check in the amount of: \$ 1,000

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 _____

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 is exempt from Federal Excise Tax and Oklahoma Sales Tax. In such cases the bidder shall quote prices that 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.) _____

Person Authorized to Contract _____

Address _____

Telephone No. _____

FAX No. _____

Taxpayer Identification Number _____

Contact Person _____

Phone No. _____

Fax No. _____

E-mail address _____

Webpage Address _____

CRAWLER DOZER

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 02-306

**CRAWLER DOZER 17,000lb Wt. Class
NIGP CODE 765-83-00-000-0
FOR THE
CITY OF TULSA**

PRICING

BIDDER AGREES TO FURNISH THE FOLLOWING IN ACCORDANCE WITH THE MINIMUM BID SPECIFICATIONS AT THE PRICES SHOWN:

ONE (1) OR MORE **CRAWLER DOZER 17,000lb Wt. Class:**

\$ _____ EACH

MAKE AND
MODEL: _____

CRAWLER DOZER

BID 02-306

CRAWLER DOZER 17,000lb Wt. Class

INTENT:

THE INTENT OF THESE SPECIFICATIONS IS TO SET MINIMUM REQUIREMENTS, NOT TO OTHERWISE LIMIT BIDDING FOR THE SUPPLY OF **ONE (1)** OR MORE CRAWLER DOZER 17,000 LB. FOR THE CITY OF TULSA PUBLIC WORKS DEPARTMENT.

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, 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 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.

GENERAL:

BIDDERS SHALL SUBMIT ONE(1) COMPLETE ORIGINAL AND TWO (2) COMPLETE COPIES OF THE BID AND ALL DATA.

ALL EQUIPMENT AND/OR SUPPLIES LISTED IN THIS BID SHALL BE NEW, UNUSED, FIRST LINE QUALITY, MANUFACTURER'S LATEST MODEL AND READY FOR IMMEDIATE SERVICE.

THE MANUFACTURER SHALL CONFORM TO THE BEST PRACTICE KNOWN TO THE INDUSTRY IN DESIGN, QUALITY OF WORKMANSHIP AND MATERIAL, AND BE SUBJECT TO THE SPECIFICATIONS IN FULL. SHOULD THE MANUFACTURER'S CURRENT PUBLISHED DATA OR SPECIFICATIONS EXCEED THE CITY'S SPECIFICATIONS, THEY SHALL BE CONSIDERED MINIMUM AND FURNISHED.

PRICING TERMS:

PRICE(S) BID SHALL BE FIRM FOR A MINIMUM PERIOD OF NINETY (90) DAYS FROM BID OPENING DATE ALTHOUGH A FIRM PRICE PERIOD OF ONE (1) YEAR IS DESIRABLE.

THE CITY WILL NOT ACCEPT BIDS BASED ON PROGRESSIVE PAYMENTS.

PAYMENT WILL BE MADE IN APPROXIMATELY THIRTY (30) DAYS AFTER RECEIPT AND ACCEPTANCE OF VEHICLE(S) WHEN POSSIBLE.

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.

CRAWLER DOZER

CONTRACT AND PERFORMANCE BOND:

THE SUCCESSFUL BIDDER WILL BE REQUIRED TO ENTER INTO CONTRACT WITH THE CITY IN ACCORDANCE WITH ITEM 15 OF THE **GENERAL TERMS AND CONDITIONS** AS PRINTED ON PAGE 4.

BID BOND:

A CERTIFIED OR CASHIER'S CHECK OR BIDDER'S SURETY BOND, IN THE SUM OF **\$1,000.00** WILL BE REQUIRED FROM EACH BIDDER TO BE RETAINED AS LIQUIDATED DAMAGES IN THE EVENT THE SUCCESSFUL BIDDER FAILS, NEGLECTS OR REFUSES TO ENTER INTO SAID CONTRACT AND FURNISH THE NECESSARY BONDS, INSURANCE CERTIFICATES, ETC., AS SPECIFIED, WITHIN TEN (10) DAYS FROM AND AFTER THE DATE THE CONTRACT DOCUMENT IS RECEIVED FROM THE CITY OF TULSA LEGAL DEPARTMENT.

BONDS AND/OR EVIDENCE OF INSURANCE:

BONDS AND/OR EVIDENCE OF INSURANCE REQUIRED OF THE SUCCESSFUL BIDDER ON THIS BID SOLICITATION MUST DELIVER THESE DOCUMENTS TO:

LEGAL DEPARTMENT - CITY OF TULSA
200 CIVIC CENTER, ROOM 316
TULSA, OK 74103

EACH BOND OR INSURANCE CERTIFICATE **MUST BE IDENTIFIED WITH BID REQUEST NUMBER OF THIS BID SOLICITATION.**

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 BRAND NAMES 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, AND METHOD OF MANUFACTURER, CONSTRUCTION, ASSEMBLY OR OPERATION, AS APPROPRIATE. **FAILURE TO SUBMIT THE DESCRIPTIVE LITERATURE MAY 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.

CRAWLER DOZER

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 EMPLOYEES OR APPLICANT FOR EMPLOYMENT BECAUSE OF RACE, RELIGION, COLOR, SEX OR NATIONAL ORIGIN, EXCEPT WHERE RELIGION, SEX OR NATIONAL ORIGIN IS A BONA FIDE 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 NONDISCRIMINATION 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 BE REQUIRED TO INCLUDE THE PROVISION OF THE FORGOING PARAGRAPHS OF THIS SECTION IN EVERY SUBCONTRACT OR PURCHASE ORDER OVER \$10,000, SO THAT THE PROVISION WILL BE BINDING UPON EACH SUBCONTRACTOR OR VENDOR INVOLVED IN THIS PROJECT.

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Bidder's Proposal
Equipment	Current year model Crawler Dozer equipped per following specifications, minimum operating weight without add-on weights shall be at least 17,000 pounds. Model year: _____ Manufacturer: _____ Model No: _____
Quantity	One (1) or more _____
Engine	Four-cylinder turbocharged diesel. _____ 80 SAE net horsepower (SAE J1349 and DIN 6270B). _____ 270 lb-ft net torque at 1200 rpm. _____ 276 cubic inch displacement. _____ Replaceable dual- element air cleaner with restriction indicator. _____ Full flow replaceable oil filter element. _____ Manufacturer's standard fuel filter with Racor or equal water separator. _____ Engine hour meter. _____ Provide overtemp and low oil pressure shut down switches with audible alarms and warning lights. _____ Unit to include starting aid, engine air preheat. _____ Provide vertical exhaust system with rain cap or 90 degree bend. _____

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Specifications (minimum)
Transmission	Hydrostatic/powershift
Cooling System	<p>Largest cooling capacity available from the manufacturer.</p> <p>Pressurized liquid cooling system with thermostat and coolant recovery tank.</p> <p>Radiator protection: To be completely winterized to -30 degrees F.</p>
Brake System	<p>Manufacturer's standard braking system. Parking brake of sufficient design to hold weight of crawler on slope.</p> <p>Parking brake or service brake must apply automatically when engine is shut off.</p>
Electrical System	<p>Electrical system to be the largest capacity available from the manufacturer.</p> <p>Alternator shall be a minimum of 65 amps.</p> <p>Batteries shall have a minimum reserve capacity rating of 180 minutes.</p> <p>Include two (2) front and one (1) rear halogen work lights and lighted instrument panel.</p>
Steering	Hydrostatic or power shift per manufacturers standard w/counter rotation. Single lever steering, directional and ground speed in one lever.

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Specifications (minimum)
Undercarriage	<div style="border-bottom: 1px solid black; padding-bottom: 5px;">Six (6)-roller track frame with front and rear track guides.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Full length rock guards for rollers.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Full length, heavy duty track frame cover shall be provided.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Permanently sealed and lubricated rollers and idlers.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Sealed and lubricated track chain.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">24-inch, single bar grouser track shoes.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Forty, (40) shoes per side minimum.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Ground pressure not to exceed 4.2-psi.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Length of track on ground: minimum 86 inches.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Minimum track gauge: 69 inches.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Hydraulic track adjustments.</div>
Blade	<div style="border-bottom: 1px solid black; padding-bottom: 5px;">All-hydraulic powered angle, tilt, raise, lower, and float w/replaceable cutting edge.</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">121 inch width</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">32 inch height</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">31 inch lift</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">20 inch drop</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">15 inch tilt</div> <div style="border-bottom: 1px solid black; padding-bottom: 5px;">Minimum blade capacity of 2.0 cubic yards.</div>

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Specifications (minimum)
Item	Bidder's Proposal
Operator Compartment	<p>OSHA approved with ROPS, totally enclosed cab, all weather protected and isolation mounted.</p> <p>Full visibility windows: vent type or slide open type.</p> <p>Full foam, deluxe air adjustable seat with seat belt.</p> <p>Heavy-duty vinyl seat covering.</p> <p>Unit shall include: Cab insulation</p> <p style="padding-left: 40px;">Ventilation fan</p> <p style="padding-left: 40px;">Heater/defroster</p> <p style="padding-left: 40px;">Air conditioning</p> <p style="padding-left: 40px;">Windshield wipers</p> <p>Manufacturer's standard controls.</p> <p>Lockable doors.</p> <p>Interior mounted rearview mirror</p> <p>Interior cab light.</p>
Instrument Panel	<p>Unit shall have dash-mounted gauges and/or monitoring system to include:</p> <p>instrumentation vandal protection,</p> <p>coolant temperature gauge,</p> <p>coolant temperature alarm,</p> <p>oil pressure gauge,</p> <p>oil pressure alarm,</p>

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1		Section 2
Item	Specifications (minimum)	Bidder's Proposal
Instrument Panel (Cont'd)	transmission temperature gauge, hydraulic filter restriction, transmission filter restriction, ammeter, hour meter.	_____ _____ _____ _____ _____
Vandalism Protection	Include engine compartment lock and all fluid fill areas. Aluminum vandal panels to secure unit overnight to cover all windows to be provided, or bid will not be considered	_____ _____
Hydraulic System	Manufacturer's standard pump. Manufacturer's standard cylinder bore on all cylinders with hardened steel, ground and polished chrome plated rods and pins.	_____ _____
Operating Weight	Weight with rops and cab as advertised approximately 17,000 pounds.	_____
Color	Paint to be manufacturer's standard.	_____
Safety	Backup alarm included. Cab must be insulated so that the operator is not exposed to noise equal to or in excess of an 8 hour time weighted average sound level of 85 decibels measured on the a scale (slow response).	_____ _____

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Specifications (minimum)
Safety (Cont'd)	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> Install side screens. Install limb risers. Install heavy-duty grill screen. Install severe weather warning device. Any additional safety equipment required to meet state or federal laws are to be included. </div> <div style="width: 35%; border-bottom: 1px solid black; margin-bottom: 5px;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;"></div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;"></div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;"></div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;"></div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div>
Winch	<div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Power in & power out w/free spool</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">102:1 slow speed gear ratio</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">35,000-pound maximum line pull (bare Drum)</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">65 feet per minute maximum line speed (bare Drum)</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Weight (without cable): 1,437 pounds</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">5/8-Inch Cable</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">250-foot capacity cable drum</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Install 4 roller fairlead & drawbar</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Install 200 Feet of 5/8-inch cable</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Install rear screen for cab.</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> <div style="width: 60%;">Winch completely installed on dozer</div> <div style="width: 35%; border-bottom: 1px solid black;"></div> </div>

CRAWLER DOZER

Bidder shall complete every space in Section 2 (bidder's proposal column). The bidder shall give a complete description of item being bid, such as sizes, capacities, dimensions, etc.

Section 1	Section 2
Item	Bidder's Proposal
Warranty	Manufacturer's warranty shall be a minimum of 5 years or 5,000 hours on entire machine. Bidder shall attach a copy of warranty. _____
Extended Preventive Maintenance	In addition to manufacturer's warranty, bidder shall provide an extended coverage contract for machine repair, parts, and labor covering all items as specified on the attached sheets for a minimum of 60 months or 5000 hours, whichever occurs first. Bidder shall attach a copy of proposed extended coverage contract. Coverage to include travel time and mileage and no up charges. _____
Manuals	Successful bidder shall provide two (2) copies of operators manuals and two (2) copies of current parts and repair manuals. _____

CRAWLER DOZER

PREVENTATIVE MAINTENANCE

A FULL FEATURED PREVENTATIVE MAINTENANCE AGREEMENT WILL BE PROVIDED FOR **FIVE (5) YEARS OR 5,000 HOURS** BY THE SUCCESSFUL BIDDER AND SHALL INCLUDE ALL PREVENTATIVE MAINTENANCE AS PER THE **MANUFACTURER'S RECOMMENDED MAINTENANCE INTERVALS OR THE MAINTENANCE INTERVALS LISTED BELOW, WHICHEVER ONE IS THE MOST STRINGENT**. THIS AGREEMENT SHALL INCLUDE ALL LABOR AND MATERIAL AND/OR SUPPLIES NEEDED. MAINTENANCE SHALL BE SCHEDULED SO AS NOT TO INTERRUPT THE WORK SCHEDULE OF THE VEHICLE.

BIDDER SHALL INCLUDE WITH THE BID THE RECOMMENDED LEVEL OF MAINTENANCE SERVICE RECOMMENDED BY THE MANUFACTURER.

MAINTENANCE AND OIL SAMPLES

OIL SAMPLES SHALL BE TAKEN AND ANALYZED FROM EACH SYSTEM PRIOR TO THE RECOMMENDED DRAIN/CHANGE INTERVAL: 200, 500, 1000, 3000, AND 5000 HOURS. MAINTENANCE RECOMMENDATIONS SHALL BE SUPPLIED BASED ON THE OIL ANALYSIS AND OPERATING INFORMATION AS SUPPLIED.

EVERY 200 HOURS

- (A) CHANGE AIR, FUEL AND OIL FILTER ELEMENTS.
- (B) CHECK INNER AND OUTER FINAL DRIVE HOUSINGS OIL LEVEL.

EVERY 500 HOURS

- (A) LUBRICATE TRANSMISSION DRIVESHAFT UNIVERSAL UNITS (IF APPLICABLE ON MODEL FURNISHED).
- (B) ADD COOLANT CONDITIONER.
- (C) CHECK AIR INTAKE HOSES.
- (D) CHANGE FUEL FILTER ELEMENT(S).
- (E) CHECK BATTERY ELECTROLYTE LEVEL AND TERMINALS.
- (F) PERFORM SAME SERVICE AS PERFORMED AT 200 HOURS.

EVERY 1000 HOURS

- (A) CHANGE SPLITTER GEARBOX OIL.
- (B) CHANGE INNER AND OUTER FINAL DRIVE OIL.
- (C) CLEAN ENGINE CRANKCASE VENT TUBE.
- (D) MEASURE AND ADJUST ENGINE VALVE CLEARANCES.
- (E) PERFORM SAME SERVICES AS PERFORMED AT 200 AND 500 HOURS.

EVERY 3000 HOURS

- (A) CHANGE HYDRAULIC OIL AND FILTER.
- (B) CHANGE TRANSMISSION OIL AND FILTER.
- (C) PERFORM SAME SERVICES AS PERFORMED AT 200, 500 AND 1000 HOURS

REPAIR SERVICE

BIDDER SHALL BID A REPAIR SERVICE BASED ON FULL MACHINE COVERAGE FOR **5 YEARS OR 5000 HOURS**. FULL MACHINE COVERAGE SHALL BEGIN AT THE END OF THE MANUFACTURER'S BASIC WARRANTY.

CRAWLER DOZER

POWER TRAIN COVERAGE

ENGINE - ROCKER ARM COVER AND GASKET, CYLINDER HEAD AND GASKET, INJECTION PUMP AND GASKET, WATER PUMP AND GASKET, ENGINE BLOCK, RING GEAR AND FLYWHEEL, TIMING GEAR COVER, FRONT AND REAR ENGINE SEALS, TURBOCHARGER AND GASKETS, FLYWHEEL HOUSING AND GASKET AND ALL PARTS FULLY ENCLOSED WITHIN ABOVE COMPONENTS, MANIFOLDS AND GASKETS, FROM DAMPER, OIL COOLERS AND INTERCOOLERS AND ENGINE THERMOSTATS.

TRANSMISSION & TORQUE CONVERTERS - ELECTRONIC OR HYDRAULIC CONTROL VALVES, CLUTCH HOUSING (EXCEPT DRY CLUTCH DISK). TORQUE CONVERTER, REVERSER WITH CONTROL VALVE, SPLITTER DRIVE, TRANSFER DRIVE, DRIVE SHAFT WITH UNIVERSAL JOINTS, HYDROSTATIC TRANSMISSION, PUMP AND/OR MOTOR ASSEMBLIES (INCLUDING CONTROL VALVE, HOSES AND LINES). PROPEL MOTOR, PUMP, BRAKES AND THEIR CONTROL VALVES, SWING MOTOR AND BRAKE, SWING GEARBOX AND BEARINGS, ROTARY MANIFOLD, CONTROL VALVES FOR PROPEL AND SWING FUNCTIONS ONLY (NOT DIGGING FUNCTIONS).

FRONT & REAR DIFFERENTIALS/AXLES - AXLE(S) AND DIFFERENTIAL(S), FINAL DRIVE AND AXLES, WET STEERING CLUTCHES, WET STEERING BRAKES, WET BRAKES AND WET DISK PARKING BRAKES. MECHANICAL FRONT WHEEL DRIVE DIFFERENTIAL/AXLE ASSEMBLY WITH AXLE AND WHEEL DRIVE ASSEMBLY (INCLUDING THE DRIVE PUMP AND MOTOR, ELECTRONIC CONTROL, AND SOLENOID CONTROL VALVE AND DIVIDER VALVE) FRONT WHEEL DRIVE SENSORS (NOT WIRE HARNESS). PARK BRAKE PINION SHAFT AND BEARING QUILL AND BEARING ON MOTOR GRADERS ONLY.

ALL MAJOR COMPONENTS & SYSTEMS - THE FOLLOWING COMPONENTS AND SYSTEMS SHALL BE COVERED AS WELL AS THE ITEMS LISTED ABOVE IN THE POWER TRAIN COMPONENTS AND SYSTEMS.

ENGINE - OIL FILLER TUBE, FUEL LINES, FUEL TRANSFER PUMP AND GASKET, PULLEYS, ENGINE SPEED CONTROLS AND LINKAGE, RADIATORS AND RADIATOR HOSES, ENGINE OIL LINES, WATER PIPING, FUEL TANK AND ASSOCIATED PARTS. ENGINE SENSORS AND SENDING UNITS, ENGINE MOUNTS AND SUPPORTS AND ENGINE WIRING.

TRANSMISSION - SHIFT CONTROL LINKAGE, LEVERS, PEDALS, CONTROL RODS, SENDING UNITS, AND SENDERS. EXTERNAL OIL LINES, FILLER TUBES, FILTER SCREENS, ACCUMULATOR AND RELATED RELIEF VALVES. TRANSMISSION OIL COOLER.

DIFFERENTIAL - DIFFERENTIAL LOCK VALVE AND ASSOCIATED PARTS.

STEERING - STEERING PUMP, STEERING VALVE AND CYLINDER(S), AXLE, SPINDLES AND SUPPORTS, TIE RODS AND TIE ROD ENDS, AXLE STEERING LINKAGE, ALL SECONDARY STEERING SYSTEM COMPONENTS. CROSSOVER RELIEF VALVE AND PRIORITY VALVE.

HYDRAULIC COMPONENTS - HYDRAULIC PUMPS AND MOTORS AND RELATED CONTROL VALVES, SADDLE LOCKING PIN CYLINDER, HYDRAULIC CYLINDER, CYLINDER PACKING KITS, HYDRAULIC HOSES, LINES AND FITTINGS. CONTROL AND LOAD HOLDING VALVES. HYDRAULIC RESERVOIR.

ELECTRICAL - STARTER MOTOR, STARTER DRIVE AND SOLENOID, ALTERNATOR AND VOLTAGE REGULATOR, CHARGING SYSTEM WIRING, WIRING HARNESS, INSTRUMENTS, INDICATORS AND SENSORS. WIPER MOTOR(S).

BRAKES - BRAKE PUMP, BRAKE VALVES(S), ACCUMULATOR(S), UNLOADING VALVE AND PRESSURE REDUCING VALVE.

CRAWLER DOZER

FACTORY AIR CONDITIONING- COMPRESSOR, CLUTCH AND PULLEY, CONDENSER, DRYER, EVAPORATOR, ACCUMULATOR, EXPANSION VALVE, TEMPERATURE CONTROL PROGRAMMER, SEALS AND GASKETS, HEATER HOSES.