



INVITATION FOR SEALED BID

Bid 02-502

Description: HYDRAULIC TOOL SETS

Department: FIRE DEPARTMENT

NIGP Commodity Code(s): 445-00-00-000-0

Total pages including this page is 15

NOTE: FAXING OF BID IS NOT ACCEPTABLE

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 : <http://www.cityoftulsapurchasing.org/>**

**you must notify the buyer Darlene Donica of your intent to bid by
e-mail ddonica@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: SEPTEMBER 12, 2002

BID NUMBER: 02-502

**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 5, 2002

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, 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.

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 02-502

<u>Qty</u>	<u>Description</u>	<u>Unit Cost</u>	<u>Total Cost</u>
2	Hydraulic Tool Sets	\$ _____	\$ _____

For Additional questions or information please contact:
Mike Mallory @ 918-596-1228

Bidder must return the original bid package and two (2) copies.

**BID 02-502
HYDRAULIC TOOL SETS
FIRE DEPARTMENT**

INTENT:

It is the intent of this bid to secure, on a competitive basis, a source of supply for furnishing **Hydraulic Tool Sets** for the City of Tulsa, Fire Department.

GENERAL:

The intent of these specifications is to set minimum requirements, not to otherwise limit bidding. 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 or 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 judgement 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.

DESCRIPTIVE LITERATURE, BROCHURES, SPECIFICATION SHEETS:

Bidders must provide descriptive literature, brochures, and/or specifications sheets on the units bid. This information is to be part of your bid and included with your bid package. Failure to comply could result in rejection of your bid.

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.

DELIVERY:

Delivery time must be stated in days in the appropriate spaces of the cover sheet. Indefinite terms such as “promptly”, “without delay”, etc., will not be given consideration. Failure to indicate delivery time shall be cause for rejection of the 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:

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.

1.0 GENERAL

- 1.01 It is the intent of these specifications to purchase one or more sets of hydraulic rescue tools for the Tulsa Fire Department.
- 1.02 The hydraulic rescue tool system will use a hydraulic system that operates at approximately 10,500 psi.
- 1.03 The hydraulic rescue tool system will use a mineral-based hydraulic fluid.
- 1.04 The hydraulic rescue tool manufacturer will be ISO 9,000 certified.
- 1.05 The hydraulic rescue tool will be third party certified for compliance with the most current edition of National Fire Protection Association (NFPA) 1936.
- 1.06 The hydraulic rescue pump, tools, and accessories should be provided with a two-year warranty for defects in design, materials, and/or workmanship.
- 1.07 All tools and components will be provided with a built-in over-pressurization relief device. The intent of this device is to prevent catastrophic tool failures when the couplers are not connected properly or a hydraulic hose fails.

A hydraulic relief coupler is not adequate protection and will not be considered.

- 1.08 All tools will be provided with variable speed controls to allow the user to vary the speed of the specific tool being used. The controls for the tool will be provided with a guard.

2.0 HYDRAULIC PUMP & HYDRAULIC HOSE

- 2.01 The hydraulic pump will incorporate the use of a four (4) Horsepower four-cycle gasoline engine.
- 2.02 The hydraulic pump will develop pressures of approximately 10,500 psi at the pump. The hydraulic fluid used by the system will be mineral based.
- 2.03 The hydraulic pump will have the ability to operate rescue tools up to 200 feet away from the pump.
- 2.04 The hydraulic pump will have the ability to simultaneously support and operate two hydraulic tools working independent of each other.
- 2.05 The hydraulic pump will have the ability to operate in an "overdrive" fashion one single tool operation. When used, the overdrive function will increase the speed of the hydraulic tool being used.
- 2.06 The hydraulic reservoir will contain no less than one (1) gallon of hydraulic fluid.
- 2.07 The hydraulic pump will be provided with quick disconnect type couplings that are also used by the hydraulic hoses. All couplings are to be the same between the pump, hoses, and applicable hydraulic tools.

2.08 The hydraulic pump will have the following features:

	Specification	Bidder
Size of the hydraulic pump	16.5"L x 13.5"W x 18"H	
Maximum weight	64 lbs.	

2.09 The engine, hydraulic pump, hydraulic control valves, and reservoir will be contained within a tubular roll cage to protect all four sides, top and bottom from physical damage.

2.10 The roll cage will be provided with rubber, or similar, anti-vibration type feet.

2.11 The roll cage will be designed to store two 30-ft. sections of hydraulic hose.

2.12 The hydraulic pump will be provided with one 30-ft section and one 50-ft section of red hydraulic hose.

2.13 The hydraulic pump will be provided with one 30-ft section and one 50-ft section of blue hydraulic hose.

2.14 All hydraulic hoses will be coupled and made to be interchangeable.

3.0 HYDRAULIC SPREADER

3.01 The hydraulic spreader will be designed for operation with the selected hydraulic pump and hydraulic fluid.

3.02 The hydraulic spreader will be constructed from aircraft grade aluminum with a protective anodized finish.

3.03 The tips are to be constructed of shock resistant steel.

3.04 The hydraulic spreader will be controlled through the use of a thumb operated or button type valve control.

3.05 The hydraulic control valve will allow the user to control the speed of the tool.

3.06 The hydraulic spreader will be provided with removable/replaceable tips.

3.07 The tips will be designed with gripping surfaces using three different angles to reduce the chance of slippage while spreading metal.

3.08 Hydraulic hoses will not be attached to the tool through the use of elbows or other similar fittings that could be inadvertently damaged, tightened, or loosened during use of the hydraulic tool. The hydraulic hoses will enter the tool in a position where it will not interfere with the operation and are reasonably protected from lateral forces.

3.09 Each bidder will include a response to each of the following criteria for the spreader.

	Specification	Bidder
Maximum spreading force	29,000 pounds	
Maximum pulling force	12,000 pounds	
Maximum weight with hydraulic fluid	45 pounds	
Maximum Opening	24 inches	
Maximum Length	32 inches	
Maximum Width	10 inches	
Maximum Height	8 inches	

4.0 HYDRAULIC CUTTER

- 4.01 The hydraulic cutter will be designed for operation with the selected hydraulic pump and hydraulic fluid.
- 4.02 The hydraulic cutter will be constructed from aircraft grade aluminum with a protective anodized finish.
- 4.03 The cutting blades will be constructed of shock resistant steel.
- 4.04 The hydraulic cutter will be controlled through the use of a thumb operated or button type valve control.
- 4.05 The hydraulic control valve will allow the user to control the speed of the tool.
- 4.06 The hydraulic cutter will be provided with an adjustable and removable "D" handle.
- 4.07 The hydraulic cutter will be provided with serrated cutting blades.
- 4.08 Each bidder will include a response to each of the following criteria for the cutter.

	Specification	Bidder
Maximum cutting force	110,000 pounds	
Maximum cutting opening	10 inches	
Maximum weight	32 pounds	
Length	30 inches	
Width	10.5 inches	
Height	8 inches	

5.0 HYDRAULIC RAMS

- 5.01 The hydraulic rams will be designed for operation with the selected hydraulic pump and hydraulic fluid.
- 5.02 The hydraulic rams will be constructed from aircraft grade aluminum and shock resistant steel.
- 5.03 The hydraulic rams will be controlled through the use of a thumb operated or button type valve control.

5.04 The hydraulic control valve will allow the user to control the speed of the tool.

5.05 Two different sized rams will be provided.

.0501 The small ram will consist of the following:

	Specification	Bidder
Maximum pushing force	30,000 pounds	
Maximum pulling force	15,000 pounds	
Maximum length, open	21.25 inches	
Minimum length, closed	14.25 inches	
Weight	21 pounds	
Width	11 inches	
Height	5 inches	

.0502 The large ram will consist of the following:

	Specification	Bidder
Maximum pushing force	30,000 pounds	
Maximum pulling force	15,000 pounds	
Maximum length, open	31 inches	
Minimum length, closed	20 inches	
Weight	24 pounds	
Width	8 inches	
Height	5 inches	

6.0 ACCESSORIES

6.01 One ram accessory kit will be provided. The kit will include the following components:

- .0101 One carrying case to store all components
- .0102 One angle "V" head
- .0103 One conical head
- .0104 One five (5) inch extension
- .0105 One ten (10) inch extension
- .0106 Two pulling attachments for connection to rescue chain

6.02 The spreader will be provided with the following chain set.

- .0201 Two 6 to 8-ft. pulling chains with quick adjust take-up connectors to facilitate rapid deployment and adjustment of the chains. Each chain will be provided with connections and pins for attachment to the spreader arms. Each chain will be provided with a grab hook.
- .0202 One 12 to 14-ft. extension chain with grab hooks on each end.
- .0203 All chain, pins, and other related components will be no less than grade 7 with a minimum strength of 12,000 pounds designed for use with the specified hydraulic rescue tool system.