



INVITATION FOR SEALED BID

TAC #273

Description: Transformer Oil Analysis

Department: PUBLIC WORKS

NIGP Commodity Code(s): 961-48-00-00-000-0

Total pages including this page is 15

NO FAXED BIDS WILL 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 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 web-site.

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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: TAC 273

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: April 2, 3, 4, 5, 6, 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

DARLENE DONICA 918-596-7558

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.

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

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.

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<u>Item #</u>	<u>Description</u>	<u>Req. Cost</u>
1.	Acid Number	ASTM D974 \$ _____
2.	ASTM Color	ASTM D1500 \$ _____
3.	Dielectric, KV Breakdown	ASTM D877 \$ _____
4.	Dissolved Gas Analysis	ASTM D3612 \$ _____
5.	Inhibitor Content	ASTM D2668 \$ _____
6.	Interfacial Tension	ASTM D971 \$ _____
7.	Metal in Oil	\$ _____
8.	Moisture, Karl Fisher	ASTM D1533 \$ _____
9.	PCB in Oil	EPA \$ _____
10.	Specific Gravity	ASTM D1298 \$ _____
11.	Sediment	ASTM D1698 \$ _____
12.	Viscosity	ASTM D445 \$ _____
13.	Visual	ASTM D1524 \$ _____

Emergency Cost

Acid Number	ASTM D974	\$ _____
ASTM Color	ASTM D1500	\$ _____
Dielectric, KV Breakdown	ASTM D877	\$ _____
Dissolved Gas Analysis	ASTM D3612	\$ _____
Inhibitor Content	ASTM D2668	\$ _____
Interfacial Tension	ASTM D971	\$ _____
Metal in Oil		\$ _____
Moisture, Karl Fisher	ASTM D1533	\$ _____
PCB in Oil	EPA	\$ _____
Specific Gravity	ASTM D1298	\$ _____
Sediment	ASTM D1698	\$ _____
Viscosity	ASTM D445	\$ _____
Visual	ASTM D1524	\$ _____

After-Hour Cost

Acid Number	ASTM D974	\$ _____
ASTM Color	ASTM D1500	\$ _____
Dielectric, KV Breakdown	ASTM D877	\$ _____
Dissolved Gas Analysis	ASTM D3612	\$ _____
Inhibitor Content	ASTM D2668	\$ _____
Interfacial Tension	ASTM D971	\$ _____
Metal in Oil		\$ _____
Moisture, Karl Fisher	ASTM D1533	\$ _____
PCB in Oil	EPA	\$ _____
Specific Gravity	ASTM D1298	\$ _____
Sediment	ASTM D1698	\$ _____
Viscosity	ASTM D445	\$ _____
Visual	ASTM D1524	\$ _____

Holiday Cost

Acid Number	ASTM D974	\$ _____
ASTM Color	ASTM D1500	\$ _____
Dielectric, KV Breakdown	ASTM D877	\$ _____
Dissolved Gas Analysis	ASTM D3612	\$ _____
Inhibitor Content	ASTM D2668	\$ _____
Interfacial Tension	ASTM D971	\$ _____
Metal in Oil		\$ _____
Moisture, Karl Fisher	ASTM D1533	\$ _____
PCB in Oil	EPA	\$ _____
Specific Gravity	ASTM D1298	\$ _____
Sediment	ASTM D1698	\$ _____
Viscosity	ASTM D445	\$ _____
Visual	ASTM D1524	\$ _____

For Technical Information please contact: Monte Hannon @596-9845

**TAC 273
TRANSFORMER OIL ANALYSIS
PUBLIC WORKS DEPARTMENT**

INTENT:

To obtain a source of service for **Analyzing Transformer Oil** used in the operation of City of Tulsa owned transformers for the Public Works Department.

CONTRACT TIME:

The terms of the contract shall be for a period of one (1) year beginning from the date of written authorization to proceed. The contract shall be renewable, with the consent of both parties, for two (2) successive one (1) year periods.

PRICE ADJUSTMENT OPTION:

The price paid for a commodity under this contract shall not change during the term of this contract. However, if the bidder anticipates that it will not be able to maintain firm prices for any renewal periods, a change in price may be allowed in a renewal of this contract if the following criteria are met:

- 1) The bidder includes a formula, to be used to calculate a change in price at the time of renewal, in the bid for the initial contract. Such formula shall be reasonable, objective and capable of measurement.**
- 2) The contractor notifies the city, in writing, no later than 60 days prior to the expiration of the initial contract period, or any renewal period, of its intent to exercise the right to escalate or de-escalate prices under the contract. The notice shall include a calculation of the price increase or decrease requested including the formula used.**

EXPERIENCE:

The bidders shall have a minimum of five years experience and shall be State certified to perform the requested testing and analysis. Each bidder shall submit with the formal bid a copy of the State Certification authorizing them to perform this service.

ANALYSIS:

Acid Number	ASTM D974
ASTM Color	ASTM D1500
Dielectric, KV Breakdown	ASTM D877
Dissolved Gas Analysis	ASTM D3612
Inhibitor Content	ASTM D2668
Interfacial Tension	ASTM D971
Metal in Oil	
Moisture, Karl Fisher	ASTM D1533
PCB in Oil	EPA
Specific Gravity	ASTM D1298
Sediment	ASTM D1698
Viscosity	ASTM D445
Visual	ASTM D1524

Once the oil analysis has been completed, a written report shall be submitted to the City of Tulsa Water Supply section. The report shall contain:

A. Reference Information:

1. Company
2. Location of Equipment
3. Sample Bottle # and/or Other Identifying Numbers
4. Date Collected and Analyzed
5. Name of individual who took sample
6. Lab Contact person

B. Analysis:

1. Components of Oil
 - a. Hydrogen (H₂)
 - b. Methane (CH₄)
 - c. Ethylene (C₂H₄)
 - d. Ethane (C₂H₆)
 - e. Acetylene (C₂H₂)
 - f. Carbon Monoxide (CO)
 - g. Carbon Dioxide (CO₂)
 - h. Oxygen (O₂)
 - i. Nitrogen (N₂)
2. Categories for previous and current condition of oil for comparison.
3. Amount of Combustible Gases.

C. Suggested Analysis/Probable Cause

A short written analysis suggesting possible problems and causes for problem.

***** Prices should be included for emergency, after-hour, and holiday analysis.**

TRAINING:

Successful bidder will be responsible for providing City of Tulsa personnel training in sampling and handling of transformer oil. Training shall include, but not limited to, drawing of sample, storage, identification, and personal safety. Once trained, City personnel will draw samples, when necessary, and deliver them to the successful bidders location. (Sample bottles will be provided to the City by the successful bidder.)

BID ITEMS:

Bidders shall provide prices of all items requested in the “Analysis” section of this specification. Any charges or provisions anticipated by the bidder and not shown in these specifications must be called out and included in the bid submittal.

ASSIGNMENT:

Successful bidder shall not sell, sublet, or assign this agreement or any portion thereof to any person or persons, except upon the written approval of the City of Tulsa.

Contractor shall comply with all applicable governmental laws and regulations.

OTHER APPLICABLE LAWS:

Any provisions required to be included in a contract of this type by any applicable and valid Federal, State or local law, ordinance, rule or regulation shall be deemed to be incorporated herein.

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 bona fide occupational qualification reasonable 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.

CONTRACTOR’S LIABILITY AND INSURANCE REQUIREMENTS:

General Liability: The City of Tulsa shall not be liable for any loss or damage sustained by the contractor. The contractor shall save the City of Tulsa whole and harmless from any and all claims of whatsoever nature growing out of or resulting from or in any way connected with the exercise of the privilege herein granted. Contractor will exercise every necessary precaution for the safety of the property and the protection of any and all persons and/or property located adjacent to or making passage through said property.

Liens: The contractor agrees to indemnify and hold the City harmless from all claims, demands, causes of action or suits of whatever nature arising out of the services, labor and materials furnished by the Contractor or his subcontractors under the scope of this bid and from all laborer’s materialmen’s and mechanics’ liens upon the real property upon which the work is located or any property of the City of Tulsa.

Premiums: Premiums on all insurance policies shall be paid by the Contractor and shall be deemed included in his service agreement unless otherwise specified.

INSURANCE:

The contractor, and any subcontractors, shall carry and keep in force during the term of the contract policies of public liability insurance including any contractual liability assumed under the contract in the minimum amounts set forth below and workmen’s compensation and employer’s liability insurance in the amounts required by law. The contractor shall also furnish and owner’s protective policy in the same amounts with the City of Tulsa as the named assured by the same insurance company as the insurer of contractor’s liability coverage.

Personal Injury, each person	\$ 175,000
Personal Injury, each occurrence	\$1,000,000
Property Damage, each person	\$ 25,000
Property Damage, each occurrence	\$ 100,000

The policy shall provide a clause stating that it cannot be cancelled by the insurer without the insurer first giving the City ten (10) days written notice of cancellation. The successful bidder shall furnish the City a certificate of insurance showing such coverage within ten (10) days following the acceptance of the bid by the City.

Performance bonds and/or evidence of insurance required of the successful bidder on this bid solicitation must be delivered to:

Legal Department - City of Tulsa
200 Civic Center, Room 316
Tulsa, OK 74103

Each performance bond or insurance certificate Must be identified with bid request number of this bid solicitation.

RIGHT TO AUDIT:

Bidder fully understands that it is a condition of this bid to allow City to audit for goods, services, materials, and/or supplies provided to the City of Tulsa. Bidder agrees to provide timely access to its books and records on Bidder's premises upon reasonable request by City staff. Bidder further agrees that it shall provide City personnel reasonable access and such clerical assistance as City staff may require for examination and audit of those portions of Bidder's books and records relating to the goods, services, materials, and/or supplies furnished to the City during the term of any contract between Bidder and City.

AMERICANS WITH DISABILITIES ACT:

Bidder shall take the necessary actions to ensure its facilities and employment practices are in compliance with the applicable requirements of the Americans with Disabilities Act. Any costs of such compliance will be the sole responsibility of Bidder.

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. Pencil will not be accepted.

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;