



INVITATION FOR SEALED BID

Bid 02-520

**Description: DISINFECTION TRAILER
Department: PUBLIC WORKS DEPARTMENT**

NIGP Commodity Code(s): 070-72-00-00-000-0

Total pages including this page is 18

NOTE: FAXING OF BIDS IS NOT 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.

TABLE OF CONTENTS

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

Table of Contents		2
Invitation for Sealed Bid	(Note #1)	3
General Terms and Conditions		4
Interest Affidavit	(Note #2)	5
Bidder Affidavit	(Note #2)	6
Contractor Information Sheet		7
Summary Price Sheet		8
Specifications		9-18

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: **JANUARY 9, 2003**

BID NUMBER: **02-520**

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

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

PUBLISHED IN THE TULSA DAILY COMMERCE AND LEGAL NEWS: **DECEMBER 30, 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

My Commission # _____

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 02-520

<u>Qty</u>	<u>Description</u>	<u>Unit Cost</u>
ONE (1)	18 ft. Disinfection Trailer (Laboratory)	
		\$ _____ EACH

MAKE AND MODEL: _____

NOTE: BIDDERS MUST SUBMIT ONE (1) ORIGINAL BID AND TWO (2) COPIES, EACH WITH ATTACHMENTS AS NECESSARY TO SHOW COMPLIANCE WITH BID SPECIFICATIONS.

For further information please contact: Jim LaCourse @ 918-591-4068

BID 02-520

18 ft. Disinfection Trailer (Laboratory)

INTENT

THE INTENT OF THESE SPECIFICATIONS IS TO SET MINIMUM REQUIREMENTS, NOT TO OTHERWISE LIMIT BIDDING FOR THE SUPPLY OF **ONE (1) 18 FOOT, DISINFECTION TRAILER (LABORATORY) 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, (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.

WARRANTY

THE MANUFACTURER SHALL WARRANT EACH TRACTOR TO BE OF GOOD MATERIAL AND WORKMANSHIP AND AGREES TO PROMPTLY REPLACE ANY PART OR PARTS, WHEN THE EQUIPMENT IS RETURNED TO THE PLACE OF BUSINESS, WHICH BY REASON OF DEFECTIVE MATERIALS OR WORKMANSHIP SHALL FAIL UNDER NORMAL USE, FREE OF NEGLIGENCE OR ACCIDENT, FOR A MINIMUM PERIOD OF FIVE (5) YEAR OR 5000 HOURS, WHICHEVER OCCURS FIRST FROM THE DATE OF DELIVERY. ALL LABOR, PARTS, MATERIALS AND/OR SUPPLIES AND TRANSPORTATION SHALL BE SUPPLIED BY THE SUCCESSFUL BIDDER AT NO COST TO THE CITY. IN THE EVENT THAT REPAIRS BECOME NECESSARY DUE TO NEGLIGENCE OR ACCIDENTS THE SUCCESSFUL BIDDER WILL PROVIDE REPAIRS AT A PREDETERMINED COST PLUS RATE. 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 CITIES' 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 FOR INSPECTION AND EVALUATION. SAMPLES MAY BE DEMONSTRATOR MODELS WITH EQUIPMENT SIMILAR BUT NOT NECESSARILY IDENTICAL TO THAT LISTED IN THIS SPECIFICATION.
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 TECHNIQUES.

PREPARATION FOR DELIVERY

PRE-DELIVERY SERVICING AND ADJUSTMENT: PRIOR TO ACCEPTANCE BY THE CITY, THE DEALER SHALL SERVICE AND ADJUST EACH TRACTOR FOR OPERATIONAL USE.

DELIVERY AND SPECIAL INSTRUCTIONS

THE SUCCESSFUL BIDDER(S) SHALL DELIVER EQUIPMENT 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.**

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 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 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.

MANUALS

THE SUCCESSFUL BIDDER SHALL SUPPLY TWO (2) COMPLETE SETS OF OPERATOR'S, PARTS AND MAINTENANCE MANUALS AT NO ADDITIONAL COST TO THE CITY.

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;

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 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.

TRAILER RATING, 45 INCH WIDE X 36 INCH DEEP GATE. A -----
 EXTERIOR (CONT.) LOAD LEVELING TYPE HITCH WITH SWAY BARS -----
 IS REQUIRED AND ALSO AN ALUMINUM LADDER -----
 MOUNTED TO THE LEFT OF THE TAILGATE LIFT FOR-----
 ACCESS TO THE ROOF. A HEHR, OR EQUAL, WINDOW -----
 SHOULD BE INSTALLED ON ROADSIDE EXTERIOR, -----
 ABOVE FRONT SINK IN MAIN LAB AREA, 36 IN. -----
 WIDE X 18 IN. HIGH, SLIDER, WITH THERMAL GLASS,-----
 GRAY TINT, AND INSECT SCREEN. A DOOR WITH -----
 LOCK IS REQUIRED ON ROADSIDE OVER THE -----
 FRESH WATER SUPPLY FILL, AND ANOTHER ON -----
 ROADSIDE TO ACCESS THE WASTE WATER DUMP -----
 VALVE AND SEWER DISCHARGE HOSE. -----

FRONT & EXTERIOR MUST INCLUDE A DOOR FOR GENERATOR AND -----
 COMPARTMENTS, FUEL TANK LEVEL - THERE WILL BE A FLOOR -----
 INTERIOR WALLS, BETWEEN THE GENERATOR AND FUEL TANK. ALSO -----
 & FLOORING WILL NEED A FLOOR BETWEEN THE BATTERY ABOVE-----
 CONSTRUCTION & ELECTRICAL SYSTEM BELOW, WITH AN EXTERIOR-----
 DOOR FOR THE BATTERY TRAY. PROVIDE A FULL -----
 DIVIDING WALL BETWEEN GENERATOR AREA AND -----
 FRONT LAB, AND ANOTHER FULL DIVIDING WALL -----
 BETWEEN THE FRONT LAB AND REAR STORAGE. -----
 BOTH OF THESE WALLS MUST BE DESIGNED AND -----
 REINFORCED TO HOLD UP TO 600 LBS. OF SPECIAL -----
 EQUIP. INTERIOR NET CEILING HEIGHT: 80 INCHES -----
 WITH A 4 INCH DROP CEILING FOR WIRE CHASE. -----
 FLOORING SHALL BE CORTEC, OR EQUIVALENT, -----
 WITH FIBERGLASS LAMINATED ON BOTH -----
 SIDES TO CONTROL MOISTURE AND -----
 CHEMICAL RESISTANCE. TWO (2) 13,500 BTU ROOF -----
 AIR CONDITIONERS WITH 3-SPEED FANS WILL BE -----
 INSTALLED. ONE IN THE FRONT LAB WITH A -----
 THERMOSTAT CONTROL, AND ONE IN THE REAR -----
 ROOM. INCLUDE HEAT STRIPS FOR BOTH AIR -----
 CONDITIONERS. INSTALL A 3-SPEED ROOF FAN -----
 WITH 2-DIRECTIONAL FLOW, INSULATED LID, AND -----
 RAIN SENSOR. -----

INTERIOR 1-1/2 INCH TUFF-R, OR EQUIV., INSULATION IN -----
 INSULATION/ TRAILER WALL CAVITIES, AND A BUBBLE TYPE -----
 & OTHER INSULATION UNDER TRAILER ROOF SHEATHING -----
 MATERIALS REQUIRED, WITH FIBERGLASS BAT INSULATION ON -----
 TOP OF THE DROP CEILING. WALL AND CEILING -----
 SHEATHING WILL BE KEMLITE, OR EQUAL, FIBER- -----
 GLASS AND 1/2 INCH PLYWOOD BACKING. THIS SAME-----
 SHEATHING MUST HAVE PLASTIC MOLDING TRIM -----
 BETWEEN THE JOINTS. FLOOR COVERING WILL BE -----
 CONSISTANT THROUGHT THE TRAILER, LONPLATE, -----
 OR EQUAL, GRAY (DESIGN OK) & SLIP RESISTANT. -----
 ALL WINDOWS AND DOORS IN TRAILER WILL BE -----
 FITTED WITH 1 INCH ALUMINUM VENETIAN BLINDS, -----
 EXCEPT FOR THE FOLLOWING: -----
 ONE INTERIOR THERMAL WINDOW, 27 INCHES X 27 -----
 INCHES LOCATED IN THE WALL BETWEEN THE -----

INTERIOR
INSULATION/
& OTHER
MATERIALS

LAB AND REAR ROOM NEEDS NO BLINDS. THIS WINDOW WILL NOT OPEN AND SHOULD NOT HAVE ANY WEEP OR VENTILATION HOLES. MOUNT A 12-VOLT EXHAUST FAN IN THE REAR ROOM TO PULL HEAVY CHLORINE GAS, AND TO VENTILATE UNDERNEATH TRAILER. AND, A BOTTLE RACK TO HOLD (2) 10 INCH DIAMETER GAS BOTTLES ALONG THE ROADSIDE WALL IN BACK ROOM. PROVIDE A REFRIGERATOR VENT IN THE FRONT, UPPER RIGHT WALL OF TRAILER (CURBSIDE).

CABINETS/
WOODWORK

ALL WILL BE CONSTRUCTED OF 3/4 INCH PLYWOOD WITH A PLASTIC LAMINATE COVERING (PARTICLE BOARD WILL NOT BE ACCEPTED). GRAY IS ACCEPTABLE. DRAWERS MUST HAVE HEAVY DUTY, 3/4 INCH EXTENSION TRACK. ALL DOORS AND DRAWERS WILL HAVE POSITIVE LOCKING TEE HANDLE LATCHES, AND LOCKS ARE ALL KEYED ALIKE. ALL CABINET HARDWARE MUST BE ABLE TO WITHSTAND ROAD ABUSE. VERY DURABLE HARDWARE ALSO REQUIRED. NO CABINETS REQUIRED IN REAR ROOM AT THIS TIME.

INTERIOR/
EXTERIOR
ACCESSORIES

FRONT ROOM LAB: 2.7 CUBIC FOOT, 120-VOLT/12-VOLT REFRIGERATOR MUST BE MOUNTED IN FRONT, UPPER RIGHT WALL OF TRAILER. CONSTRUCT A 6 FOOT BENCH SEAT ALONG THE TRAILER FRONT WITH VINYL CUSHION. BELOW THAT BENCH WILL BE ONE (1) WASTEWATER TANK AND DISCHARGE VALVE THAT ALIGNS WITH THE ROADSIDE DOOR, AND REMAINING SPACE FOR STORAGE. INCLUDE A 6 FOOT BENCH SEAT ALONG THE REAR DIVIDNG-WALL WITH VINYL CUSHION ON TOP, AND STORAGE BELOW. OVERHEAD WILL BE AN 18 INCH HIGH STORAGE CABINET, MOUNTED ABOVE THE REAR BENCH CUSHION & WINDOW. REQUIRED, IS A REMOVABLE PEDESTAL LEG TABLE, 18 INCHES X 28 INCHES, PLACED IN FRONT OF BENCH SEAT. FRONT CABINET DOORS WITH VENTILATION ARE REQUIRED TO ACCESS THE ELECTRICAL SYSTEM. ALONG THE ROADSIDE OF TRAILER, BUILD A BASE CABINET WITH STAINLESS STEEL COUNTER SURFACE & THE PLUMBING SYSTEMS COMPONENTS BELOW.

SAFETY ITEMS TO INCLUDE:

1. ONE FIRE EXTINGUISHER IN FRONT LAB AND ANOTHER IN REAR ROOM.
2. 9-VOLT SMOKE ALARMS, ONE IN LAB CEILING, AND ANOTHER IN REAR ROOM CEILING.
3. 9-VOLT CARBON MONOXIDE DETECTOR IN LAB CEILING.
4. CHROME HANDRAIL FOR CURBSIDE ENTRY DOOR.
5. CHROME HANDRAIL FOR REAR ROLLUP DOOR.
6. FIRST AID KIT IN LAB.
7. EMERGENCY ROADSIDE REFLECTOR KIT.
8. OSHA APPROVED EYE WASH IN LAB. AREA.

INTERIOR/
EXTERIOR
ACCESSORIES
(CONT.)

EXTERIOR ACCESSORIES:

1. OSHA APPROVED, REMOVABLE/RETRACTABLE,
(TO PREVENT DAMAGE), CHEMICAL
SHOWER, ON REAR EXTERIOR DRIVERS
SIDE. PULL CORD TYPE IS ACCEPTABLE.
COLD WATER ONLY.
2. 16 FOOT A&E, OR EQUIV., AWNING MOUNTED ON
CURSIDE TO INCLUDE WHITE HARDWARE (OR
ALUMINUM), AND AWNING COLORS SHALL BE
LIGHT GRAY. (COLOR - FLEXIBLE)

PLUMBING

INCLUDE A 29 GALLON FRESH WATER SUPPLY TANK,
AND CITY OF TULSA WATER FILL CONNECTION,
ONE GRAVITY WATER TANK FILL, A 29 GALLON
WASTEWATER TANK MOUNTED INSIDE THE TRAILER
TO KEEP GROUND CLEARANCE. ALSO, PROVIDE A
20 FOOT SEWER HOSE AND HOLDER, 12-VOLT
DEMAND WATER PUMP, STAINLESS STEEL SINK TO
BE USED FOR HAND WASHING, ETC., 4 INCH GOOSE-
NECK FAUCET WITH LAB HANDLES, AND 6 GALLON,
120-VOLT, ELECTRIC WATER HEATER. INCLUDE
PLUMBING REQUIRED FOR EXTERIOR EMERGENCY
SHOWER AND THE INTERIOR EYE WASH.

SPECIAL PLUMBING ACCESSORIES:

MUST INSTALL A SMALL STAINLESS STEEL SINK (FOR
CHEMICAL USE) WITH 2 GOOSENECK FAUCETS & ONE
HAND CONTROLS FOR EACH FAUCET. FAUCETS WILL
DELIVER WATER, BEING CHEMICALLY TREATED &
ANALYZED TO THE SINK BASIN – NO HOT WATER
REQUIRED. ALSO ADD A 30 IN. HEMCO FUME HOOD,
MODEL "CLEAN AIR 2", OR EQUIVALENT, DIRECTLY
OVER THE SPECIAL SINK TO VENTILATE CHEMICAL
VAPORS FROM THE CHEMICALLY TREATED WATER.
HOOD SHOULD VENTILATE TO TRAILER EXTERIOR
BY A SIDEWALL DISCHARGE LOUVER. INCLUDE A
WASTEWATER HOLDING TANK FOR COLLECTION
OF THE CHEMICALLY TREATED WATER USED IN
THIS SAME SINK. A SEPARATE DUMP VALVE WILL
BE REQUIRED FROM THE SAME LOCATION AS THE
OTHER WASTE TANK TO ALLOW DISCHARGE OF THE
WASTEWATER AFTER PROPER NEUTRALIZATION
HAS BEEN PERFORMED.

ELECTRICAL
SYSTEM

GENERATOR SHALL BE A POWERTECH 20KW DIESEL,
OR EQUAL, WITH DELUXE INTERIOR REMOTE START,
FULL GAUGES, AND MUFFLER SYSTEM. IT WILL DE-
LIVER 240-VOLTS, HAVE 83 AMPS, 60-HERTZ POWER,
42-GALLON DIESEL FUEL TANK, WITH GAUGES AND
WILL BE LOCATED IN LAB AREA. THE TANK WILL
SUPPLY THE GENERATOR, AND HAS A FUEL FILLER
NECK BEHIND FRONT DOOR. (38 INCHES LONG X
20-1/4 INCH WIDE X 14-1/4 INCH HIGH). INCLUDE TWO

ELECTRICAL SYSTEM (CONT.)

(2)50-AMP, 240-VOLT, 4-POLE SHORELINE CORDS, 25- FEET LONG EACH, AND ROTARY SWITCHES TO MANUALLY SELECT GENERATOR OR SHORELINE POWER FEEDS. 240-VOLT, 1-PHASE BREAKER PANELS ARE REQUIRED WITH MAIN BREAKER AND BRANCH CIRCUIT BREAKERS, 12-2 WITH SHEATHED GROUND CABLE (TYPE NM), FOR ALL 120-VOLT CIRCUITS. FIVE (5) 120-VOLT NEMA OUTLETS WITH GROUNDS.

INCLUDE THE FOLLOWING:

ONE EXTERIOR GFI PROTECTED OUTLET ON EACH SIDE OF TRAILER, ACCESSIBLE FOR OUTSIDE USE.

ONE INTERIOR OUTLET, MOUNTED SMOOTH TO THE WALL SURFACE, ON EACH SIDE WALL IN THE REAR ROOM.

ONE 120-VOLT OUTLET STRIP MOUNTED ABOVE & ALONG THE STAINLESS STEEL COUNTER SURFACE.

ONE 120-VOLT OUTLET MOUNTED IN THE FRONT ELECTRICAL COMPARTMENT FOR SERVICE WORK AND TROUBLE LIGHTS.

ONE 120-VOLT OUTLET MOUNTED IN CURSIDE WALL ABOVE THE NARROW COUNTER FOR GENERAL USE.

240 VOLT, 1-PHASE, 30 AMP.

LIGHTING

FOUR (4) 12-VOLT FLUORESCENT LIGHTS WILL BE MOUNTED ON THE CEILING IN REAR ROOM WITH CONTROL SWITCH BY THE SIDE ENTRY DOOR IN THE LAB. EIGHT (8) 12-VOLT FLUORESCENT LIGHTS IN THE LAB ROOM, CONTROLLED BY A SWITCH AT SIDE OF ENTRY DOOR. ONE (1) INCANDESCENT LIGHT IN THE ELECTRICAL CLOSET, ONE (1) INCANDESCENT LIGHT IN THE GENERATOR COMPARTMENT. ONE (1) EXTERIOR ENTRY 12-VOLT LIGHT BY THE SIDE ENTRY DOOR, CONTROLLED BY INTERIOR SWITCH, AND, TWO (2) ELECTRIC BASEBOARD HEATERS – ONE IN EACH ROOM.

TRAINING/ DELIVERY

VENDOR MUST DELIVER TRAILER AND PROVIDE ½ DAY TRAINING AS REQUIRED TO SHOW CITY OF TULSA EMPLOYEES PROPER USE OF TRAILER SYSTEMS AND EQUIPMENT, AND CITY OF TULSA WILL ALSO INSPECT AND APPROVE OF WORKMANSHIP UPON DELIVERY TO TULSA, BEFORE FINAL PURCHASE OF TRAILER.

MANUALS

TWO SETS OF OPERATOR'S PARTS AND 2 SETS OF SERVICE MANUALS

MSO

OKLAHOMA APPLICATION FOR TITLE AND MSO FOR TRAILER TO BE DELIVERED WITH TRAILER.

SAFETY	TRAILER SHALL BE EQUIPPED WITH ALL LIGHTS, REFLECTORS AND EQUIPMENT AS REQUIRED BY STATE OF OKLAHOMA AND FEDERAL LAWS GOVERNING HIGHWAY SAFETY. MID-TURN SIGNAL / CLEARANCE LIGHTS	----- ----- ----- -----
COLOR	MANUFACTURER'S STANDARD WHITE. METAL SHALL BE CLEANED OF ALL MILL SCALE & WELD SLAG, AND PRIMER PAINT APPLIED PRIOR TO APPLYING TWO COATS OF PAINT.	----- ----- -----
WARRANTY	STANDARD MANUFACTURER'S WARRANTY	-----
MISCELLANEOUS	VENDOR MUST SEND DRAWING SHOWING THE PROPOSED CHLORINATION TRAILER WITH BID. ANY ARRANGEMENTS OTHER THAN THOSE FOUND IN THESE SPECIFICATIONS FOR DELIVERY, TRAINING AND PAYMENT MUST BE APPROVED BY CITY OF TULSA PURCHASING DEPARTMENT.	----- ----- ----- -----