



INVITATION FOR SEALED BID

Bid 02-538

Description: CHEMICAL STORAGE BUILDING

Department: PUBLIC WORKS

NIGP Commodity Code(s): 100-30-00-000-0

Total pages including this page is 18

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 Web-site : <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 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: MARCH 13, 2003

BID NUMBER: 02-538

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: February 26, 2003

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

This page must be signed

***** **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 _____, 20_____.

NOTARY PUBLIC SIGNATURE

My Commission Expires:

My Commission # _____

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 _____, 20_____.

Signature of Notary Public

MY COMMISSION EXPIRES

My Commission # _____

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

**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 02-538

Chemical Storage Building \$ _____ /total cost

Manufacturer must construct and install this building in compliance with all local applicable codes.

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

For further questions contact: Eric Murdock @ 918-669-6103

BID 02-538
CHEMICAL STORAGE BUILDING
PUBLIC WORKS DEPARTMENT

INTENT:

It is the intent of this bid to secure, on a competitive basis, a source of supply for furnishing **Chemical Storage Building** for the City of Tulsa, Public Works Department.

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.

DESCRIPTIVE LITERATURE, BROCHURES, SPECIFICATIONS SHEETS:

Bidders must provide descriptive literature, brochures and or specification sheets on product bidding. This information is to be part of your bid and included with your bid package. Failure to comply will result in rejection of your 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.

CHEMICAL SAFETY STORAGE BUILDING

STANDARD FEATURES:

Factory Mutual System ("FM") Approved _____
and Labeled. _____

Interior Square Footage: Minimum of 460 sq. ft. _____

Exterior Dimensions (Normal LxWxH): _____
48' x 12' x 9'. _____

Exterior Wall Construction: Weatherproof _____
2-hour fire-rated noncombustible construction, _____
per UL 263 & ASTM-E119, with multiple layers _____
of UL Classified fire-resistive gypsum wallboard _____
encased between interior galvanized steel _____
sheets & exterior welded heavy gauge steel _____
sheets for maximum durability, weather _____
resistance & rigidity. Gypsum wallboard layers _____
shall offset with overlapping joints for maximum _____
fire-resistance. Lightweight exterior steel skins _____
are not allowed. Mechanical fastener _____
penetrations shall not be used to attach exterior _____
steel wall skins. Sprayed or troweled _____
cementitious material shall (Classified only as _____
a fireproofing agent) are not be used. _____

Three-hour fire-rated door(s), UL Classified & _____
Labeled, equipped with UL Listed self-closer(s) _____
And UL Listed exterior security lock(s) with _____
Keyless interior safety release lever(s). _____
Unit must include 6 keys. _____

Screened Air Vent(s): Air inlet vent(s) _____
Equipped with UL Classified & labeled 3-hour _____
Rated fire dampers with louvers & screens to _____
Provide airflow but prevent bird & animal entry _____
Damper shall have a galvanized steel frame, _____
Curtain-type galvanized steel blades, and a _____
UL Listed 165°F fusible link. _____

Building Base: Open channel construction for _____
Visual inspection under building. Coated with _____
A protective undercoating for maximum _____
Corrosion resistance. Crane/forklift openings _____
For ease in off-loading and relocation. _____

Built-in 7-inch deep Secondary Containment _____

STANDARD FEATURES:

(cont)

- Sump with chemical-resistant epoxy coating. _____
- Internal Spill Containment Capacity:
1,930 gallons (30% if total storage capacity). _____
- Interior Finish: High solids, chemical-resistant
Epoxy coating (white semi gloss) _____
- Exterior Finish: High solids, chemical-
Resistant epoxy coating undercoat with a
Heat reflective gloss-white aliphatic
Polyurethane topcoat. _____
- Four (4) Hold-down Brackets (structural steel
Angles) for wind and seismic anchoring. _____
- Static Grounding System: One(1) exterior
Grounding connection, one (1) 10-foot long
5/8" diameter copper-clad steel grounding rod,
one (1) #4AWG copper conductor, and
grounding lug(s). _____
- Signage: Permanent all-metal D.O.T. hazard
Classification placard set(s) with rust-proof
Aluminum holder & stainless steel clips; and,
Pressure sensitive NFPA 704 Hazard Rating
Sign(s). _____

DESIGN LOADS:

- Roof Snow Load: 40 psf _____
- Wind Load: 110 mph, Exposure C _____
- Floor Live Load: 500 psf _____
- Floor Live Loads Storage Capacity (Weight):
230,000 lbs. (Uniformly Distributed) _____
- Seismic Condition: Zone 4 or Performance
Category E. _____

STRUCTURAL ITEMS:

(QTY: 4)

- CUSTOM AIR INLET VENT (WITH AIR
CONDITIONING, HEATING AND/OR
INSULATION) _____
- Screened Air Inlet Vent protected by a UL
Classified & Labeled 3-hour rated fire
Damper. Equipped with an exterior louver _____

And interior screen for optimum air flow
And preclusion of bird & animal entry.
Fire Damper shall have galvanized steel frame
& Galvanized steel blades for maximum
Corrosion resistance. Fire damper
automatically closed upon actuation of a
UL Listed 165°F fusible link. Vent equipped
With an adjustable register for manual
Regulation of airflow.

DOOR, DOUBLE:

(QTY: 4)

(Active & Passive Doors Equipped With
Automatic Door Closers – i.e., Fusible
Link Door Hold-Open Devices)

UL Classified and Labeled, 3-hour fire-rated
Swinging type double door (60"W x 80"H)
Located on front of building. Doorframe
And hardware is UL Listed & Labeled.
Active door leaf (36"W x 80"H) equipped
With and exterior UL Listed keyed security
With manually-operated UL Listed top and
Bottom surface bolts. Both door leaves
Equipped with a UL Listed Automatic
Closer (Fusible Link Door Hold-Open
Device) automatically closing each door
Leaf upon actuation of a UL Listed 120°F
Fusible link. Active door serves as
Personnel entrance and exit door
Complying with life safety & ADA
Requirements, while the double door
Opening facilitates pallet loading &
Unloading.

EXPLOSION RELIEF CONSTRUCTION

("FM" APPROVED)

Non-relieving portions of the building designed
To resist an internal pressure of 100 psf in
Accordance with the Uniform Building Code,
BOCA National Building Code & Standard
Building Code. Pressure-relief vent panel(s)
Located on rear wall of the building to mitigate
Structural damage. Panel(s) designed to
Release at a maximum internal pressure of
20psf in accordance with the UBC, BNBC &
SBC, Panel vent open area is 1 sq. ft. per
Each 50 cu. Ft. of interior volume of the
Building. Panel(s) equipped with weather-
Stripping for maximum weather resistance.
Vent opening(s) equipped with security bars
To preclude unauthorized entry.

FLOOR GRATING, STEEL

Rectangular design with galvanized steel Finish for maximum corrosion resistance. Main bearing bars are 1" x 1/8" and spaced 1-3/16" center-to-center to ensure maximum spill containment collection. Crossbars are resistance welded at right angles to bearing bars and spaced 4" center-to-center for maximal strength. Designed to sustain a uniformly distributed load of 500 psf.

SHELVING (ADJUSTABLE, 16"W)

(NUMBER OF LINEAL FEET: 209 FT.)

Corrosion- resistant stainless steel adjustable Shelving with clear zinc-coated supporting Standards and brackets. Each shelf is 16" deep with a 1" lip on its front, back, and side edges for secondary spill containment. Each shelf will support a uniformly distributed Load of 80 psf.

INSULATION

INSULATION (R11) (Ceiling, Walls, EVP's) Roof/ceiling, exterior walls, and explosion vent panels equipped with R11 insulation.

INTERIOR SEPARATION WALL, EXPANED METAL (QTY: 2)

(WITH SUMP SEPARATOR)

Interior Expanded Metal Separation Wall, Extending from the grating to the ceiling, Dividing the building into individual Compartments. One(1) metal sump separator Located beneath the expanded metal wall Divides the sump into separate secondary Containment areas.

INTERIOR SEPARATION WALL (QTY: 1)

2-HOUR FIRE-RATED Interior 2-Hour Fire –Rated Separation Wall, Extending from the sump floor to the ceiling. Fabricated from UL Classified fire-resistive Gypsum wallboard on each side of structural Steel studs. Both sides clad with galvanized Steel sheet. Interior wall divides the building into individual compartments and also divides The sump into separate secondary

Containment areas. Heavy gauge steel sheet
Skirting is sump walls at the base of both sides
Of the interior wall for maximum chemical
Separation & fire-resistance between sump
Areas. Both sides of the wall are closed with
Chemical-resistant epoxy.

ELECTRICAL ITEMS:

EXHAUST VENTILATION FUME REMOVAL
SYSTEM (EXPLOSION-PROOF),
EXTERIOR WALL MOUNT, 12" FAN (QTY: 2)

Consists of a UL Listed totally enclosed
Explosion-proof motor (120V, 4.5A, 60 Hz,
1-Phase) rated for Class I, Group D,
Division 1, Hazardous Locations housed inside
An exterior end wall enclosure. Non-static &
Non-sparking 12" diameter cast aluminum
Fan blade (not plastic) to preclude the ignition
Of hazardous vapors. Exterior exhaust fan
Housing constructed of heavy gauge steel,
Epoxy coated inside & out, with an exterior
Polyurethane finish for maximum chemical
& corrosion resistance. Interior exhaust
vent located within 12" of the floor for the
extraction of heavier-than-air vapors. Exterior
exhaust fan port opening protected with a UL
Classified fire damper having a 3-hour fire
Protection rating. Fire damper has a fusible
Link. Exterior exhaust port equipped with
Shutter assembly. System activated by a
Exterior UL Listed fan switch. Automatic
System shutdown if fire occurs. System
Provides greater than 1 cubic foot of
Exhaust ventilation per square foot of floor
Area, in accordance with the requirements
Of the model building & fire codes (UBC,
UFB, BNBC, BNFC, SBC & SFPC).

CHEMICAL SAFETY STORAGE BUILDING

EXHAUST VENTILATION SWITCH (QTY: 2)

(NON-EXPLOSIONPROOF TYPE)

Exterior UL Listed exhaust fan switch
(snap type) suitable for outdoor locations.

LIGHTING, INTERIOR (QTY: 4)

(300W LAMP) (EXPLOSION-PROOF)

Interior UL-Listed explosion-proof
Incandescent light fixture with a
150W lamp (120V, 125 A, I-Phase), rated
for Class I, Groups C & D, Division 1,
Hazardous Locations. Heavy-duty glass

Globe with a sealed heavy-duty aluminum Housing and equipped with a protective metal Guard. _____

LIGHT SWITCH

(QTY: 2)

(NON-EXPLOSIONPROOF)

Exterior UL Listed light switch suitable for Outdoor locations. Ensures personnel safety By illuminating the interior of the building prior to entry. _____

LOAD CENTER

(QTY: 1)

(SINGLE PHASE)

UL Listed 240/120V, single-phase load center (NEMA 3R) with circuit breaker(s) and main breaker. _____

FIRE PROTECTION ITEMS:

DRY CHEMICAL FIRE SUPPRESSION SYSTEM

UL Listed & FM Approved pre-engineered System rated for Class A, B and C Fires. Fusible link detection for automatic actuation. Two (2) exterior means of manual activation. Interior nozzle(s) for total flooding application. One (1) exterior UL Listed weatherproof Audible alarm (120V, 0.1A, 1-Phase). Dry Chemical agent storage cylinder (tank) and Releasing device housed inside and exterior Tamper-proof (key lockable) enclosure per The requirements of NFPA 17 (Standard for Dry Chemical Extinguishing Systems). System equipped with a means for remote Annunciation. Automatic ventilation system Shutdown (if applicable) upon system Actuation. _____

WATER SPRINKLER PIPING SUBASSEMBLY

Water sprinkler piping subassembly equipped With UL Listed & FM Approved sprinkler Head(s) with guard(s) and an exterior 1-1/2" NPT (National Pipe Thread) fitting (threaded & capped). _____

FIRE DEPARTMENT HOOKUP

(QTY: 1)

2-1/2" NHT (National Hose Thread) brass fitting with cap. _____

TEMPERATURE CONTROL ELECTRICAL ITEMS:

AIR CONDITIONING (EXPLOSION-PROOF INTERIOR)

AIR CONDITIONING (230v, 1-PHASE, 33,000 BTU/HR)

Air conditioner (33,000 Btu/hr, 230V, 17.0A, 1-Phase) suitable for Class I, Groups C & D, Division 1 (Interior Only) Hazardous Locations. Equipped with one (1) interior thermostat bulb & one (1) exterior temperature controller with user adjustable temperature settings from 70°F to 100°F. Protective coating applied to the finned tube coils (evaporator and condenser), compressor and all other exposed surfaces. _____

HEATING, FAN-FORCED (EXPLOSION PROOF)

(QTY: 2)

HEATING (FAN-FORCED, 240V, 1-PHASE, 25,590 BTU/HR)

UL Listed explosion-proof Fan-Forced Heater (25,590 Btu/hr, 7.5 KW, 240V, 33.6A, 1-Phase) with built-in thermostat and rated for Class I, Group D, Division 1 Hazardous Locations. The heater's NEC Operation Temperature Code is T3B and it is rated for hazardous Atmospheres with auto ignition temperatures At or above 329°F. _____

WARRANTY

1 Year on all components parts & labor _____

GENERAL

Unit must be secured to pad furnished by the City. Unit must be set up and connected by a local license electrical contractor. City will supply electrical power. Dry Chemical fire suppression system shall be installed by local licensed fire company. _____

OPTIONS

LIQUID LEVEL DETECTOR SYSTEM

(EXPLOSION-PROOF)

- OPTION #1** UL Listed explosion-proof Liquid Level Detector rated for Class I. Groups A, B, C & D, Division 1, Hazardous Locations. Includes One (1) exterior UL Listed weatherproof Audible alarm and an exterior means for Remote annunciation. _____

- OPTION #2** Four liquid level leak detections- Explosion proof with alarms. _____

- OPTION #3** Two high/low temperature sensor with Alarms. _____

CHEMICAL SAFETY STORAGE BUILDING

- OPTION #4** Three rotating beacons-exterior mount Visial warning system. _____

- Red – Dry Chemical Fire Suppression _____
- Amber- Temperature _____
- Blue – Leak Detectors _____

- OPTION #5** Survivair Panther SCBA, High Pressure Unit, harness, 1st stage, 2nd stage; w/ bell alarm, Part Number P964002. Include face piece, medium, black w/ strap harness PN# 202012 with 4500 P.S.I. Carbon fiber cylinder. _____
