

March 19, 2014

BID NO. 14-11

INVITATION TO BID

Bids marked "SEALED BID – Oil Distributor" will be received at the Purchasing Department, City Hall, Kingsville, Texas until 3:00 P.M. on April 2, 2014 for:

**2000 GALLON BITUMINOUS ASPHALT DISTRIBUTOR
AS PER ATTACHED SPECIFICATIONS
F.O.B. KINGSVILLE, TEXAS**

Additional specifications or information may be obtained at the Purchasing Department, 200 E. Kleberg (361) 595-8036 or (361) 595-8025. Bid packages may also be obtained by e-mailing your request to: dmason@cityofkingsville.com. Bidders may be present for the bid opening.

All bidders are encouraged to submit literature or responses to this solicitation on recycled and recyclable paper, printed on both sides, where practicable.

All bids will be publicly opened and read if received by the above stated time, place, and date. Any bid received after the time set for the opening thereof will be returned to the bidder unopened.

The bid will be awarded to the responsible bidder who provides goods and services at the BEST VALUE to the City of Kingsville. Best value will be determined by delivery time, warranty, and other factors in addition to price.

THE CITY, IN ACCORDANCE WITH LAW, RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS. The City shall be the sole judge of "responsible" and "best value" and this determination shall be final except in cases of a clear definitive showing that such determination is arbitrary, capricious, and unreasonable.

David Mason
Purchasing/IT Director

GENERAL CONDITIONS FOR BIDS

**** READ CAREFULLY ****

1. THE BID PACKAGE FILED IN THE PURCHASING DEPARTMENT AND THE INFORMATION CONTAINED WITHIN IS THE ONLY AUTHORIZATION TO PROVIDE THE OUTLINED MATERIALS, ITEMS OR SERVICES REQUESTED UNDER THIS BID BY ANY COMPANY.
2. The City of Kingsville will accept bids submitted on bid forms provided by the City of Kingsville only. Bids submitted on other forms, other than those provided by the City, will be considered non-responsive and will not be included for further evaluation.
3. Unless otherwise stated in the specifications, all prices will be considered firm for acceptance within sixty days of bid opening. Any exception to this must be so stated on the face of offer.
4. The City of Kingsville is exempt from all Federal Excise Taxes and also from State and City Sales Tax, under authority of Chapter 20, Title 122A, Revised Civil Statutes of Texas. Properly executed exemption certificates will be furnished on request.
6. Preference will be given when prices quoted are F.O.B. delivered with all transportation charges prepaid. Unless otherwise stated, all items shall be considered as F.O.B. delivered.
7. The City of Kingsville will pay for articles or services purchased under this bid within thirty days after proper delivery and receipt of correct and proper invoice. In case of a discrepancy between the unit price and the extension, the unit price will be taken.
8. The City of Kingsville reserves the right to remove a company from any commodity index for (1) continued failure to respond when approached, (2) failure to deliver merchandise within promised time, (3) delivery of substandard merchandise, and (4) failure to maintain a competitive position on a particular commodity group.
9. ALL BIDS MUST BE SIGNED BY HAND. Electronic bids are not acceptable.
10. The successful bidder must be capable of handling all bid and delivery requirements.

11. The successful bidder must prove that he/she is duly capable of performing all services or delivering items awarded.
12. A bidder may be rejected for non-performance or a bad performance record.
13. The City of Kingsville reserves the right to waive any informality in the bid documents.
14. A copy of the bid tabulation will be available upon request to the Purchasing Director. Bid tabulations will be available for public viewing in the Purchasing Department for a period of 30 days from the bid opening
15. EQUAL EMPLOYMENT OPPORTUNITY: THE CITY OF KINGSVILLE DOES NOT DISCRIMINATE BECAUSE OF RACE, CREED, COLOR, RELIGION, SEX, AGE, NATIONAL ORIGIN, OR ON THE BASIS OF DISABILITY.
16. ELECTRONIC BIDS: THIS BID IS BEING MADE AVAILABLE BY ELECTRONIC MEANS. THE BIDDER ACKNOWLEDGES AND ACCEPTS FULL RESPONSIBILITY TO INSURE THAT NO CHANGES ARE MADE TO THE BID. IN THE EVENT OF CONFLICT BETWEEN A VERSION OF THE BID SUBMITTED BY THE BIDDER AND THE VERSION MAINTAINED BY THE PURCHASING DIRECTOR, THE VERSION MAINTAINED BY THE PURCHASING DIRECTOR SHALL GOVERN. **ONLY SEALED PAPER BIDS WILL BE ACCEPTABLE FOR THIS BID.**
17. VENDORS ARE RESPONSIBLE FOR CHECKING THE CITY'S WEBSITE FOR ADDENDA PRIOR TO SUBMITTING THEIR BIDS. THE CITY OF KINGSVILLE IS NOT RESPONSIBLE FOR THE CONTENT OF ANY BID PACKAGE RECEIVED THROUGH ANY THIRD PARTY SERVICES. IT IS THE RESPONSIBILITY OF THE VENDOR TO INSURE THE COMPLETENESS AND ACCURACY OF THE DOCUMENTS RECEIVED.

BID 14-11

SPECIFICATIONS FOR 2000 GALLON BITUMINOUS ASPHALT DISTRIBUTOR

It is the intent of these specifications to describe a 2000 Gallon distributor in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned, which are necessary to provide a complete distributor shall be included in the bid and shall conform in strength and quality of material and workmanship to what is usually provided the trade in general. The distributor shall be a current model under standard production by the manufacturer.

FUNCTION: The distributor shall perform the following functions

Description:	Can You Meet or Exceed? If no Explain
1. Fill tank by distributor pump from outside source.	_____Yes ____ No _____
2. Fill circulation of material in tank. Material during tank Circulation must be returned to the front of the tank and Exit rear of tank to ensure full tank circulation.	_____Yes ____No _____
3. Circulate material through spray bar	_____ Yes ____No _____
4. Spray at constant desired application rate, regardless Of variation in truck speed,	_____Yes ____ No _____
5. Return material in spray bar to tank by pump.	_____Yes ____No _____
6. Hand Spray and allow hand spray hose to be cleaned	_____Yes____No_____
7. Transfer material from an outside source to a secondary outside source without entering the distributor tank	_____Yes____No_____
8. Pump material from distributor tank to and outside source or "offload"	_____Yes____No_____
9. Automatically go from spray bar circulation to spray mode and back to spray bar circulation while in cap operation	_____Yes____No_____
10. Distributor to be capable of returning all material in spray bar and spray bar lines back to the tank by means of pump	_____Yes ____No _____
11. Distributor to be equipped with automatic clean out system which flushes spray bar, spray bar lines, pump, an bituminous filters and returns clean out solvent back to clean out solvent tank without reversing pump. System shall signal horn when clean out process is complete and leave not more than three quarts of cleaning solution in spray bar assembly.	_____Yes____No_____

- 12. 25 gallon heated clean out solvent tank. _____ Yes ___ No _____
- 13. Clean out solvent shall be heated. _____ Yes ___ No _____

- 14. Clean out tank to be capable of drainage by valve on bottom of tank. Solvent to be filled through top fill tube with cap. _____ Yes ___ No _____
- 15. Unit to use volumetric metering with no by-pass when spraying material to ensure proper application rate _____ Yes ___ No _____

TANK AND FITTINGS:

Description

- 1. Capacity of 2,000 US Gallons _____ Yes ___ No _____
- 2. Shape is standard oval in cross section. Overall length of tank to be designed for proper fit to truck and axle load _____ Yes ___ No _____
- 3. Tank shell to be constructed of 10 gauge steel. _____ Yes ___ No _____
- 4. Surge plates to be installed in tank. Plates to be made of 7 gauged steel. Opening in plates to allow proper flow of Material to the pump, and also allow man to crawl through _____ Yes ___ No _____
- 5. Manhole to be 20" inside diameter with cover _____ Yes ___ No _____
- 6. Tank to be equipped with overflow 3" in diameter and extending at least 6' above bituminous liquid. Overflow to be designed that the material drains clear of the chassis frame structure. _____ Yes ___ No _____
- 7. 2" of DOT approved insulation to be used in construction of tank between aluminum jacket and steel tank shell. 4" Mineral Wool insulation to be used on rear head. _____ Yes ___ No _____
- 8. Tank to be mounted using spring bolster style saddles _____ Yes ___ No _____
- 9. Tank contents gauge to be mounted on front and rear tank Head covers. Contents gauge to be in 100 gallon increments. Tank gauge to be float type. _____ Yes ___ No _____
- 10. Spillage collar and overflow drain to be included in refiner's platform. Ladder with proper safety rails to be installed for access to platform. Ladder to be at the rear passenger side of tank for traffic safety. _____ Yes ___ No _____
- 11. Tank design and construction to meet all applicable Federal Cargo Tank Regulations 49 CFR 173.247 with consideration For hot asphalt products _____ Yes ___ No _____
- 12. Dial Thermometer 3" _____ Yes ___ No _____
- 13. Pencil Thermometer _____ Yes ___ No _____
- 14. Distributor to be capable of loading and transferring material while filtering before the bituminous pump through the filter box housing. Use of additional cone strainers in load hose is not acceptable _____ Yes ___ No _____
- 15. Power wash-down system to be included on rear of truck. System to be equipped with 15' of hose and use

a spray gun to "atomize" solvent for maximum coverage on rear of machine while using least amount of cleaning solvent i.e additional pump and pressurized solvent tank
Is not acceptable

_____ Yes _____ No _____

16. Hand spray attachment to have hand wand and cold handles (2). Attachments to have 25' hose assembly made of 1" flexible rubber. Hand spray unit to be capable of suction clean to return material back to tank.

_____ Yes _____ No _____

17. All bituminous material to pass through strainer box assembly before entering the asphalt pump. Strainer box and screen to be cleaned automatically during clean-out cycle and returned to clean-out solvent tank

_____ Yes _____ No _____

18. Sampling Valve

_____ Yes _____ No _____

19. Turn signals and light at rear of distributor truck to be installed. Light to meet federal standard 108 requirements

_____ Yes _____ No _____

20. All necessary specialty tools for operation and maintenance or the distributor to be provided

_____ Yes _____ No _____

21. Distributor parts shall be painted using factory standard color of black or metallic gray

_____ Yes _____ No _____

BITUMENT PUMP:

Description

1. Positive displacement rotary gear type

_____ Yes _____ No _____

a. Pump to be fully heat jacketed to speed start-up time

_____ Yes _____ No _____

b. Pump to be capable of 400 GPM minimum

_____ Yes _____ No _____

2. Location of pump centerline to be below the bottom level Of the tank sump to allow all material to discharge properly And completely from tank to bitumen pump

_____ Yes _____ No _____

3. Pump to be cleaned automatically during clean-out cycle Including filter box, spray bar, and spray lines, using Heated cleaning solution.

_____ Yes _____ No _____

HEATING SYSTEM:

Description

1. Diesel fired burner 2 in quantity

_____ Yes _____ No _____

2. Two flue tubes to run through tank and exit through Exhaust stack at rear of tank

_____ Yes _____ No _____

3. Exhaust stack to be inside of rear tank skin and insulation To aid in tank heating

_____ Yes _____ No _____

4. Flue tubes and burners to be located parallel on the bottom of each side of the tank, not stacked vertically, to allow maximum heating capacity at minimal material level

_____ Yes _____ No _____

5. Stainless steel flue liners

_____ Yes _____ No _____

- 6. Auto thermostat control for heating system _____ Yes ___ No _____
- 7. Continuous ignition of diesel burners while firing _____ Yes ___ No _____
- 8. Burners will not be able to ignite if contents are not fully covering both flue tubes _____ Yes ___ No _____
- 9. Burners to be capable of running lower motor only without Fuel to ensure proper cooling period for flue tube liner and burner assembly _____ Yes ___ No _____

SPRAY BAR:

Description

- 1. Full circulating bar 16' in length. Bar to have a minimum 12 cu. in. cross section for high volume _____ Yes ___ No _____
- 2. Bar to be telescoping spray bar with straight line stop and start _____ Yes ___ No _____
- 3. Spray valves to be on 4" centers. Valves to be internal poppet no leak design _____ Yes ___ No _____
- 4. Bar to have 4" incremental controls when extended past 8' on standard bar. This eliminates the need for extra linkage to control the spray valves on the outside bar. Unit must also calibrate for 4" variation in application rate control past 8' _____ Yes ___ No _____
- 5. With bar fully extended operator to control 1' sections of bar on drivers side and passenger side for outside 4' (bar beyond wheel path). Bar to be 4" incremental control while using the telescope feature _____ Yes ___ No _____
- 6. Electronic switch to control bar sections individually, as well as a gang on/off switch to be located in the cab of the machine _____ Yes ___ No _____
- 7. Bar to be equipped with hydraulic extend and raise-lower with adjustable control for spray bar height stop _____ Yes ___ No _____
- 8. Air solenoid valves to have independent check valve on rear of Machine to ensure proper air pressure used in distributor Functions _____ Yes ___ No _____

CAB Controls and Instruments

Description

- 1. Computer with in-cab operator controls to include
 - a. Gang on/off spray bar _____ Yes ___ No _____
 - b. Individual spray bar section on/off _____ Yes ___ No _____
 - c. Presets for spray application including provisions for shot rate, or distance traveled for shot length _____ Yes ___ No _____
 - d. Application rate adjustment switch _____ Yes ___ No _____
 - e. Distance/Volume used reset switch _____ Yes ___ No _____
 - f. Display selection switch _____ Yes ___ No _____

- 2. In-cab instrumentation to have illuminated display containing;
 - a. Bar width _____ Yes ___ No _____
 - b. Application rate in gallons per square yard, or liters per square meter _____ Yes ___ No _____
 - c. Pump rate in gallons per minute or liters per minute _____ Yes ___ No _____
 - d. Distance traveled (resettable) _____ Yes ___ No _____
 - e. Volume used (resettable) _____ Yes ___ No _____
- 3. Computer rate control system will be hooked directly to the truck engine or transmission (same as truck gauge package i.e. RPM, and speedometer) to determine ground speed for application rate. This will ensure maximum accuracy of truck speed. Use of radar type sensor or GPS type sensor is not acceptable _____ Yes ___ No _____
- 4. Master controls on rear of truck to include
 - a. Load/Unload/Transfer _____ Yes ___ No _____
 - b. Tank Circulate _____ Yes ___ No _____
 - c. Hand Spray _____ Yes ___ No _____
 - d. Automatic Clean-Out Cycle _____ Yes ___ No _____
 - e. Cab Control _____ Yes ___ No _____
 - e.1. While in cab control machine is automatically in bar circulation while not spraying bitumen on surface _____ Yes ___ No _____
 - f. Burner on/off _____ Yes ___ No _____
 - g. Thermostat Burner Control _____ Yes ___ No _____
 - h. Manual pump speed controller _____ Yes ___ No _____
 - i. Manual pump directional controller _____ Yes ___ No _____
- 5. Redundant wiring harness from rear controller processor to cab control processor _____ Yes ___ No _____

COMPONENT BOXES / FENDERS:

Description

- 1. All component boxes and storage boxes to be weather resistant _____ Yes ___ No _____
- 2. Fenders to be aluminum diamond plate with proper mud-flap installation _____ Yes ___ No _____
- 3. Rear fog curtain between fenders and spray bar 8' wide made of rubber _____ Yes ___ No _____

LOADING HOSE:

- 1. 3"x15' 450 flexible steel hose with quick couplers _____ Yes ___ No _____

WARRANTY:

Description

- 1. Minimum 12 month warranty _____ Yes ___ No _____

TRAINING:

Description

1. Successful bidder shall furnish a minimum of 8 hours operational training at delivery site _____ Yes ____ No _____

CHASSIS:

Description

1. Unit shall be mounted on new 2014 International Model 7300 Chassis at 33,000 GVW Maxx Force DT engine, 215 HP at 2200 rpm _____ Yes ____ No _____
2. Allison 3500 RDS P Automatic transmission, 6 speed double Overdrive, Bendix Antilock brake, air-conditioning with integrated heater and defroster _____ Yes ____ No _____

Delivery:

- 30 Days F.O.B. Kingsville _____ Yes ____ No _____

March 19, 2014

BID NO. 14-11

**CITY OF KINGSVILLE
BID FORM**

This form must be completed and returned as part of your bid. Do not include Federal Tax or State Sales Tax. The necessary exemption certificates will be issued upon request.

BY SUBMITTING A BID, THE BIDDER AGREES TO ABIDE BY ALL OF THE TERMS AND CONDITIONS OF THE "INVITATION TO BID" PACKAGE.

\$ _____
Total Price - words

\$ _____
Total Price - figures

Warranty _____

Time Needed for Delivery _____

Manufacturer & Model No. _____

I certify that the above vehicles to be delivered under this bid will meet or exceed all of the minimum specifications and conditions set forth by the City of Kingsville, Texas.

DATED THIS _____ DAY OF _____, 2014.

BIDDING FIRM

BY:

ADDRESS:

TELEPHONE:

FAX:

E-MAIL: