

CITY OF SAN LEANDRO

INVITATION FOR BIDS

SUBMIT BID TO: City of San Leandro Purchasing Department 835 East 14th Street San Leandro, CA 94577	FOR FURTHER INFORMATION CALL: Don Brockman Purchasing Agent (510) 577-3472 fax (510) 577-3312 dbrockman@sanleandro.org
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BID NO: 11-12.010	DATE MAILED: November 23, 2011	THIS BID MUST BE DELIVERED TO THE CITY BEFORE: 3:00 P.M. , Friday, December 16, 2011
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DESCRIPTION			
<p>ONE (1) EACH CURRENT MODEL YEAR TRAILER MOUNTED MELTER/APPLICATOR</p> <p>Bid No. 11-12.010</p> <p>Notice to Bidders</p>			
<p>Provide one (1) Current Model Year Trailer Mounted Melter/Applicator asphalt joint/crack sealing unit.</p> <p>All bidders must submit with their proposal sufficient literature to show compliance with specifications. Any deviations from specifications must be clearly indicated in writing at the time the proposal is submitted. The City reserves the right to waive minor variations in specifications bid.</p> <p>Note whether machine bid meets specifications, any exceptions to the specs, bid price, make and model bid, warranty and delivery date on last page of bid document, return signed copy of bid document to the address below.</p> <p>Do not include sales tax in your bid. Sales tax will be added to the purchase order and remitted with invoice payment.</p> <p>State your earliest delivery date as requested. This date may be an important factor in award determination.</p> <p>The vehicle shall be completely serviced as recommended by the manufacturer prior to delivery to the City.</p> <p>The original report of sale shall accompany the vehicle upon delivery to the City. The name and address on the Dealer's report of sale shall read City of San Leandro, 835 E. 14th Street, San Leandro, California 94577.</p> <p>Sealed bids shall be received at the Purchasing Office, City Hall, 835 E. 14th Street, San Leandro, CA up to <u>3:00 P.M., Friday, December 16, 2011</u> at which time they will be publicly opened and read.</p>			

Any bid may be withdrawn at any time prior to the time fixed for the opening of bids only by written request for the withdrawal of the bid filed with the City. The request shall be executed by the bidder or bidder's duly authorized representative. The withdrawal of a bid does not prejudice the right of the bidder to file a new bid. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after that time nor may any bid be withdrawn after the time fixed in the public notice for opening of bids.

As stated in Public Contract Code Section 5100 to 5108, inclusive (State Contract Act) concerning relief of bidders and in particular to the requirement therein, that if the bidder claims a mistake was made in his bid, the bidder shall give the City written notice within five (5) days after the opening of the bids of the alleged mistake, specifying in the notice, in detail how the mistake occurred.

All bidders shall verify if any addendum for this project has been issued by the City. It is the bidder's responsibility to ensure that all requirements of contract addendum are included in the bidder's submittal.

The successful bidder shall submit a certificate of insurance showing compliance with the enclosed insurance requirements, if applicable. This insurance shall be maintained at all times during the course of any resulting agreement. In addition, the successful bidder shall have the proper City of San Leandro business license and all other applicable licenses and permits, if applicable.

The award will be made to the lowest responsible bidder whose bid complies with the specifications in a manner satisfactory to the City's best interests as determined by the City. The right is reserved, as the interest of the City may require, to reject any or all bids, or to waive any informality or minor irregularity in the bids.

Payment shall be within 30 days following acceptance of bid items.

- Delivery shall be F.O.B. destination
- Complete delivery _____ days from order
- There shall be no charge(s) for delivery of bid items.
- Cash Discount _____ in _____ days

To bid, complete and return a copy of the Request and any other required forms, in a sealed envelope. The envelope shall be marked with the project name and bid number. The bid must be received by the date and time shown in order to be considered. Deliver envelope to: City of San Leandro Purchasing Dept., 835 E. 14th Street, San Leandro, CA, 94577. Please note that there is a one-day delay in mail delivery to City Hall by the U.S. Postal Service.

Delivery of vehicle(s) shall be to:
Public Works Service Center
14200 Chapman Road
San Leandro, CA 94577.

Firm _____
Address _____

By (Signature) _____
Title: _____

Date: _____
Phone: _____
FAX: _____
Print Name: _____



Don Brockman
Purchasing Agent

SPECIFICATIONS:

**ONE (1) EACH CURRENT MODEL YEAR TRAILER MOUNTED MELTER/APPLICATOR
Bid No. 11-12.010**

Melter/Applicator Minimum Specifications

General

Meets

The trailer mounted asphalt joint/crack sealing unit shall be new, current year production and meet the needs of this specification without modification. The model must be currently advertised, have been in production for a minimum of two years and have a working volume of not less than called for in this specification. Hybrid, one-off or prototype equipment is unacceptable.

Purpose

Meets

The crack sealing unit (melter/applicator) will be able to safely melt, agitate, circulate and apply all grades of asphalt rubber sealants, specification joint sealants, jet fuel resistant sealants and fiber modified asphalt sealants. The machine must be capable of starting at ambient temperature and bringing material to pouring temperature in less than one hour. To reduce operator down time and minimize inventory costs, the melter must operate with an included **electrically heated hose** and have continuous sealant agitation with internal recirculation of sealant (not hose recirculation) to eliminate temperature stratification of sealant being applied. Two (2) complete sets of operation manuals and/or CD's must be furnished with the unit.

Service

Meets

The bidder must show proof that it is an authorized distributor for the product bid and have a parts/service location within 150 miles of the equipments final destination. Bidders must show proof that they maintain factory trained service personnel for the product bid and have sufficient inventory of parts at their facility for the model of equipment they are bidding. When necessary, the successful bidder must provide on-site service and repairs to the melter. Any vendor that does not provide factory trained technical and mechanical on-site assistance will not be considered viable for this bid. The purchaser may request a site visit for verification. **A factory-trained person will conduct the initial set up/start up and training.**

Trailer

Meets

This unit will be trailer mounted and capable of being towed at safe highway speeds when fully loaded. A 2-1/2" towing ring that is adjustable in height from 15" to 30" high will be provided. The frame shall include minimum 12 gauge flat horizontal surface steel fenders to facilitate handling and loading of material blocks. A swing-away weight appropriate adjustable screw jack must be provided along with electric brakes, emergency breakaway switch, radial tires, and two 3/8" x 4 foot long safety chains with slip hooks. The unit shall come equipped with oval LED stop, tail, and turn lights. A lighted license plate bracket will be attached to the fender. **All DMV paper work will be completed by the bidder.**

Heating Tank

Meets

The material heating tank must be constructed of no less than 7 gauge, (.179") steel for sufficient structural integrity of high-temperature, liquid-filled reservoirs. The material tank must have a minimum working volume of 105 gallons. Working volume can be described as the maximum usable amount of sealant at one time that can be contained in the material tank and pumped out the hose. The tank will be surrounded by an oil reservoir constructed of no less than 7 gauge, (.179") steel, which must hold a maximum of 40 gallons of heat transfer oil (HTO) at ambient temperature.

Melter/Applicator Minimum Specifications

Agitation

Meets

A full sweep vertical agitation system is required that is hydraulic direct driven and reversible. It will include two horizontal paddles for mixing with vertical risers on each end. Washing machine type agitators are not allowed. The agitator speed with a minimum 15 rpm and a maximum of 22 rpm shall be factory preset to prevent operator error.

Expansion Tank

Meets

An expansion tank shall be supplied to allow for heat transfer oil expansion, minimize oil oxidation and prevent moisture condensation from entering the oil reservoir. The melter will be fully insulated on the top, sides and bottom with a minimum of 1" of industrial and ceramic insulation in such a way as to provide proper heat retention. To provide for operator safety the insulation and overall design must allow the sides and top of the outer skin to be touched without the risk of personal injury after 2 hours of operation.

Loading door

Meets

An insulated steel loading door will be located on the curbside of the machine for loading. Non-Insulated loading doors are unacceptable. The unit must have a loading height no more than 59" when fully empty. The door must possess a minimum 252 sq." or greater opening.

Heating Supply

Meets

The heat transfer oil is heated by one 12 volt 250,000 BTU diesel burner. To minimize downtime the burner must be self priming and be equipped with a fuel pressure gauge.

Fuel System

Meets

The unit will include a Diesel fuel tank with a fuel level sight gauge. The system will include a separate dual spin-on type fuel filter with ball valve to simplify filter replacement and supply fuel to the burner and engine. Filters will be located outside the engine enclosure for ease of maintenance. Melter must be able to operate for a minimum of 15 hours on one tank of fuel.

Engine

Meets

The unit will be equipped with a 3 cylinder direct injected, 25.4 hp, diesel engine. The engine will have spin-on type oil and fuel filters. The engine and related components shall be enclosed within a ventilated, lockable, noise insulated engine enclosure with exhaust removed through a noise reduced cowl muffler. Engine enclosure will be certified by the engine manufacturer. The engine enclosure further protects operators from moving engine parts, reduces vandalism and protects from weather conditions. The engine will be joined to the frame with rubber engine mounts to prevent vibration transfer. The engine will be protected by a Digital Control System that includes an integrated hour meter. Auto Shutdown protection will be provided for alternator, oil pressure and coolant temperature. Enclosure must provide access to engine management system without having to open the enclosure. For sealant placement temperature quality, the material temperature will be measured outside of the material tank and before the placement hose. The unit will be equipped with (3) three digital electronic controllers that measure oil, material and hose temperature for repeated accuracy. Control must have intervals no greater than 1 degree F and continuously monitor thermocouples. Should a failure be detected, the appropriate controller will shut down the burner and flash an error code alerting operator to the problem.

Melter/Applicator Minimum Specifications

Hydraulic System

Meets

A single hydraulic manifold system shall be provided with cartridge valves, which permit maintenance without hose removal. The system will also incorporate pressure relief valves for protection of motors. Pump forward/reverse and Agitator forward/reverse will be electrically controlled from paddle switches on the control station. The minimum 25 gallon reservoir shall be equipped with a suction strainer and a return filter and a sight level and temperature gauge.

Pump System

Meets

The pump shall be capable of delivering sealant at a rate that exceeds the melt rate of the unit. The pump shall run in either direction to permit cleaning of plumbing system

Sealant Hose

Meets

Sealing Hose will be heated and temperature regulated. For operator safety, only floating ground designed systems will be acceptable. Due to weight, length and flexibility considerations, Oil heated hoses will not be considered. The hose will be a minimum of 3/4" inner diameter (ID) and no less than 18 feet long to allow maximum reach without repositioning towing vehicle. The heated hose shall be capable of heating up to temperature in less than 45 minutes. For Safety all hose fittings will meet aircraft quality standards. The hose will be well insulated and be covered with an abrasion protection cover. The hose must be able to be bent in an arc of less than 10" without damage and be warranted for a period of no less than 1 year. Boom height must be high enough as to allow a 6' operator to walk under without risk of personal injury. Hose must be supported by the boom.

Applicator Wand

Meets

The lightweight wand will utilize a 360 degree live swivel shall be positioned between the hose and wand. An additional 360 degree live swivel shall be attached at the opposite end of the hose. Electrically heated hose shall run the full length of the wand, terminating at the sealing tip, eliminating the need for a separate heated wand.

Warranty

Meets

The manufacturer shall warranty the equipment for a period of one year including Heated Hoses. Engine must be covered for Major Components for a period of 2 years or 2000 hours.

Sealing Disc, min. 2.5" round

Meets

OPTIONAL EQUIPMENT: Overnight Heater – Available? _____ **Yes** _____ **No**

Price if available - \$ _____ **dollars and** _____ **cents**

Bidders must check each box to ensure compliance with the specifications, note any exceptions, bid price, company information and sign on the page below.

Melter/Applicator Minimum Specifications

Exceptions:

Make/Model: _____

Specify Warranty: _____

Delivery Date: _____

Bid Price: \$ _____

Bid price written out – example: XXXX dollars and XX cents

Company Name

Contact Phone

Address

Signature

Date

Print Name