

COUNTY OF FRESNO

ADDENDUM NUMBER: TWO (2)

RFQ NUMBER: 760-5221

ASPHALT PAVING MACHINE

November 15, 2013

PURCHASING USE

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IMPORTANT: SUBMIT QUOTATION IN SEALED PACKAGE WITH QUOTATION NUMBER, CLOSING DATE AND BUYER'S NAME MARKED CLEARLY ON THE OUTSIDE TO:

COUNTY OF FRESNO, Purchasing
4525 EAST HAMILTON AVENUE, 2ND FLOOR
FRESNO, CA 93702-4599

CLOSING DATE OF BID WILL BE AT 2:00 P.M., ON DECEMBER 2, 2013.

QUOTES WILL BE CONSIDERED LATE WHEN THE OFFICIAL PURCHASING TIME CLOCK READS 2:00 P.M.

Quotes will be opened and publicly read at that time. All quotation information will be available for review after contract award.

Clarifications of specifications is to be directed to: **Craig Nickel, phone (559) 600-7110, e-mail**
CountyPurchasing@co.fresno.ca.us, fax (559) 600-7126.

NOTE THE ATTACHED ADDITIONS, DELETIONS AND/OR CHANGES TO THE REQUIREMENTS OF REQUEST FOR QUOTATION NUMBER: 760-5221 AND INCLUDE THEM IN YOUR RESPONSE. PLEASE SIGN AND RETURN THIS ADDENDUM WITH YOUR QUOTATION.

ACKNOWLEDGMENT OF ADDENDUM NUMBER TWO (2) TO RFQ 760-5221

COMPANY NAME: _____
(PRINT)

SIGNATURE: _____

NAME & TITLE: _____
(PRINT)

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Following clarification were raised at the November 14, 2013 vendor conference for this Request for Quotation:

Cut off for questions/clarifications shall be November 20, 2013 at 9:00 AM.

Bidder shall submit with their response an operational and mechanical CD or video including a walk around explaining all functions of the equipment.

Awarded Bidder shall be required to provide a minimum three (3) day training class by a qualified instructor in the full operational and mechanical aspects of the equipment. This will be one time only after delivery of equipment.

Response time from call to arrival at site shall be three (3) hours or less. Turnaround time if parts are required shall be no more than 24 hours.

Page 8 Mechanic Training paragraph:

Delete: "The County of Fresno will assume responsibility for travel and lodging expenses."

Insert: "The County of Fresno will not assume responsibility for travel and lodging expenses."

Complete delivery of equipment shall be made within one hundred and twenty (120) days of executed contract signed by the County of Fresno Purchasing Manager.

Failure to deliver within the required one hundred and twenty (120) days, awarded bidder shall provide, a comparable machine commencing the one hundred and twenty-first (121st) day without charge to the County.

Remove and replace new Specification Sheets for the Asphalt Paving Machine (pages 22 through 27) with attached pages 3 through 8.

Additional items will be addressed in Addendum Three (3).

SPECIFICATIONS

ASPHALT PAVING MACHINE

**COMPLY/
NOT COMPLY**

ENGINE:

The shall have a gross power of 168 kW (225 hp) at 2200 rpm.

The engine shall meet U.S. EPA Tier 4 Interim and EU Stage IIIB engine emission standards.

The engine shall be equipped with a diesel particulate filter that traps soot from the exhaust stream. The soot shall be removed through a regeneration process

Passive regeneration shall remove soot during normal operating conditions

Active regeneration shall introduce a small amount of fuel in order to remove soot when levels are elevated

Regeneration shall occur at normal idle periods or during operation and operator intervention is not required

Power de-rating shall not be required up to an altitude of 9,842 ft.

The fuel capacity is 92 gal and shall provide up to 14 hours of operation on a typical job site

The deck-mounted cooling system shall exhaust hot air toward the hopper, away from the operators and ground personnel

The variable-speed fan shall be electronically controlled and hydraulically driven to provide on-demand cooling

Electrical system shall be 24 volts with a 105-Amp alternator

POWERTRAIN AND STEERING:

The propel system shall be closed-loop, hydrostatically driven

The steering system includes a steering wheel and utilizes electric-over-hydraulic dual-path differential steering

The closed-loop system shall provide straight-line tracking

Three steering modes include pave, travel and maneuver

The friction steering option that is activated though the advisor display shall provide tension to the steering wheel when making turns

The hydrostatic propel system shall utilize dynamic (hydraulic) braking

A secondary braking system shall utilize a spring-applied, hydraulically released system that neutralizes the propel pump

UNDERCARRIAGE:

The undercarriage shall use manufacturers specified belt (identify)

The undercarriage shall provide two speed ranges. The pave mode shall range from 0-200 feet/min. The travel mode shall range from 0-9 mph

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COMPLY/
NOT COMPLY

The front and rear oscillating bogie designs shall deliver a smooth ride and minimize tow-point movement

A smooth belt with beveled edge shall minimize base disturbance on soft materials

Self-tensioning accumulators shall maintain pressure on the belt in order to maximize performance and optimize reliability

Rubber coated components shall shed asphalt and minimize accumulation

HYDRAULIC SYSTEM:

The hydraulic reservoir shall be common to the propel, material handling and auxiliary systems

The four-pump hydraulic drive system shall accommodate the material handling system, eliminating the need for control valves.

The system shall utilize grouped, quick-connect pressure taps

DUAL OPERATING STATIONS:

The dual operating stations shall be equipped with tilting consoles and adjustable suspension seats

The tilting consoles shall provide multiple positions.

The seats are multi-positional and shall swing-out beyond the machine frame.

The seats shall include an armrest and a 75 mm (3") wide retractable seat belt.

The steering controls shall move with the operator and remain in the same relative position.

The consoles shall be equipped with replaceable, toggle-type and rocker switches

The cruise control feature shall maintain paving speed in order to match the truck.

When utilizing 2-sensor system, ratio control dials automatically adjust mix flow when changing paving widths.

A screed lock function shall prevent screed settling.

The operator consoles have a lockable vandal cover and the operating deck shall utilize slip-resistant walkway surfaces.

An Advisor display located on the left control console shall include multiple language options.

The Advisor display shall allow the operator to: implement eco-mode, set the automatic engine speed control, calibrate machine components, monitor engine rpms and operating temperatures, determine the required paving speed and tonnage requirements for a particular job, determine performance parameters, and set the screed lower lock function to prevent settling.

MATERIAL HANDLING SYSTEM:

The hopper and auger chamber capacity shall be 251 ft³

The truck entry width shall be 11' 7".

An optional power folding front hopper apron shall fold rearward.

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COMPLY/
NOT COMPLY

The conveyors shall utilize independent drives mounted outboard of the mainframe side plates to minimize the width of the center chain cover.

The auger diameter shall be 16", bolt on, cast NI-hard steel hemi-screws with a 12" pitch

The augers shall be driven by two, variable-displacement pumps. The pumps shall drive two, fixed-displacement motors.

Both auger drive chains shall be housed in a single, center chain drive box that allows material to flow underneath.

Control of the augers/conveyors shall be controlled by sonic sensors.

The augers and conveyors shall be reversible.

The ratio of conveyor speed to the maximum auger speed shall be automatically maintained through the controller when changing the speed, width, or depth of paving.

The auger height is hydraulically adjustable with a range of 8.5".

Manual control of the auger and conveyor system is provided at the two main screed control boxes and at each screed extension control box.

FUMES MANAGEMENT SYSTEM:

The fumes management system shall direct fumes away from the operator.

The evacuation system shall consist of a hydraulically-driven exhaust fan that draws fumes through ducts at the rear of the paver.

The gas, vapors and fumes shall be vented through the single exhaust stack on the platform.

The system shall include a gauge that measures the proportional air velocity to help identify when the system needs to be cleaned or serviced.

The ventilation system components (collection hoods or shrouds) shall not block or hamper visibility to the auger chamber area.

ELECTRICAL SYSTEM:

The 24-volt electrical system shall include a master switch located in the lockable compartment on the left side of the machine.

The system shall be compatible with Electronic Technician.

The system shall be compatible with an automatic machine tracking system.

The electrical supply shall be provided by two, 12-volt maintenance-free batteries.

The electrical system shall utilize automotive-type fuses.

The electrical wiring shall be wrapped in nylon-braid with soldered connection points.

The wires shall be numbered and color-coded for easy recognition. The terminals shall be molded to the wires.

An on-board generator shall provide 25 kW of power at 60 Hz to the electric screed and auxiliary power panel.

The auxiliary panel shall support high intensity discharge lighting systems and power tools.

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ELECTRICAL CONTROL SYSTEM:

Shall have a Grade and Slope system that shall be factory integrated and entirely supported.

The system shall be capable of providing complete control with one or two LCD displays.

The display shall offer text-based menus with multiple language options.

The displays shall utilize a durable enclosure for vandal protection. They also shall provide swivel capability for easier viewing from various positions.

The system shall be capable of utilizing sonic or contact sensors.

The sonic sensors are equipped with five sealed transducers. Three readings from each transducer shall be averaged through the screed electronic control module.

The sonic sensor shall utilize a built-in temperature sensor to compensate for temperature variation.

The slope sensor shall provide a range of ± 10 degrees or 17.6%.

PAVING RANGES:

The paver can be equipped with screeds that utilize rear-mounted extenders.

Maximum paving range for an asphalt screed with rear-mounted extenders shall be 24' 2".

The maximum paving depth shall be 12".

The screeds shall be equipped with electric heat.

BASIC SPECIFICATIONS:

Operating weight of the asphalt paver and screed shall be approximately 44,260 lbs, dependent on screed attachment

Operating length with push-roller and asphalt screed with rear-mounted extenders shall be approximately 21' 7".

Transport width with screed end gates and hopper raised shall be approximately 10' 8".

Transport width without screed end gates and hopper raised shall be approximately 9' 10".

Transport height with fumes stack and seat lowered shall be approximately 9' 4".

Truck dump height shall be approximately 23".

The deck height shall be approximately 5' 10".

MISCELLANEOUS EQUIPMENT:

Auger and Mainframe Extensions

Cut-Off Shoe

Decelerator Pedals

Ecological Washdown System and Hose Reel

Grade and Slope Controls must be compatible with current County equipment (Top Con)

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Leveling Devices – (Single Ski)

Lights (Working or Rooding)

Oscillating Push Roller

Power Folding Front Apron

Power Mainframe Extensions

Product Link

Screed Extensions

Tow-point Indicators (Upper)

Umbrella

Up-time Kit

Warning Beacon

Wide Width Paving Package

PICK UP MACHINE OR MATERIAL TRANSPORT VEHICLE

DIMENSIONS:

Weiler E550B or equal

Maximum empty weight 15,500 lbs.

Maximum operating height 124"

Maximum length 208"

Maximum width (wings out) 124"

Maximum width (wings in) 102"

POWERTRAIN:

Minimum 114 hp engine

Engine must be turbocharged

Must have high torque direct drive motor

Must meet minimum EPA tier IV interim emission requirements

Minimum 50 gallon fuel tank capacity

High-torque, direct-drive motor powering conveyor

MATERIAL DELIVERY:

Minimum conveyor throat width 60"

Minimum conveyor slat width 58"

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Minimum 24" diameter foot shaft idler

Maximum discharge height of 84"

Minimum 8" front wheel cylinder lift

OPERATION CHARACTERISTICS:

Must be capable of varying conveyor chain speed

Must be capable of multi-directional conveyor chain control

Must have two independent manual hydraulic valves to control height

Must have a minimum two engine kill buttons

MISCELLANEOUS EQUIPMENT:

NOTE: Below items will not be a part of bid evaluation

Ni-Hard Floor Plates

Wash down system

Radio Remote Control

Opposite Side Hydraulics

Extended Warranty (if comply explain within response)
