

DEPARTMENT: Public Works

By: Marty Allan

Phone: 966-5356

RECOMMENDED ACTION AND JUSTIFICATION:

(Policy Item: Yes ___ No X)

Resolution authorizing the Auditor to pay for fixed assets approved by the Board during the budget deliberation process. The Board approved appropriations for the following:

- 1) 704-0314-586-0658 Patching Unit \$49,500

We were able to find the unit we wanted through a "tag-on" bid with the City of Long Beach California (attached). We tested several different units over a period of five months to determine which suited our needs. After determining the appropriate unit, we found the unit that had gone through the formal bid process with the City of Long Beach for the "tag-on" from Empire Equipment for \$49,422, including tax.

BACKGROUND AND HISTORY OF BOARD ACTIONS:

The Board approved purchase appropriations during the budget hearings.

LIST ALTERNATIVES AND CONSEQUENCES OF NEGATIVE ACTION:

N/A

<p>COSTS: () Not Applicable</p> <p>A. Budgeted current FY> \$ 49,500</p> <p>B. Total anticipated Costs> \$ 49,442</p> <p>C. Required additional funding> \$</p> <p>D. Internal transfers> \$</p> <p>COSTS: () 4/5th Vote Required</p> <p>A. Unanticipated revenues> \$</p> <p>B. Reserve for contingencies> \$</p> <p>C. Source description: ></p> <p>Balance in Reserve Contingencies, If Approved: \$</p>	<p>SPECIAL INSTRUCTIONS: List the attachments and number the pages consecutively:</p> <p>1. Bid</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
--	--

<p>CLERK'S USE ONLY</p> <p>Res. No.: <u>98-185</u> Ord. No.: _____</p> <p>Vote - Ayes: <u>5</u> Noes: _____</p> <p>Absent: _____ Abstained: _____</p> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Denied</p> <p><input type="checkbox"/> Minute Order Attached <input type="checkbox"/> No Action Necessary</p> <p>The foregoing instrument is a correct copy of the original on file in this office</p> <p>Date: _____</p> <p>ATTEST: _____</p> <p>MARGIE WILLIAMS, Clerk of the Board</p> <p>By: _____</p> <p>Deputy</p>	<p>ADMINISTRATIVE OFFICER'S RECOMMENDATION:</p> <p>This item on agenda as:</p> <p><input checked="" type="checkbox"/> Recommended</p> <p><input type="checkbox"/> Not Recommended</p> <p><input type="checkbox"/> For Policy Determination</p> <p><input type="checkbox"/> Submitted With Comment</p> <p><input type="checkbox"/> Returned for Further Action</p> <p>Comment: _____</p> <p>_____</p> <p>C.A.O. Initials: <u>JA</u></p>
--	---



Empire Equipment Co.



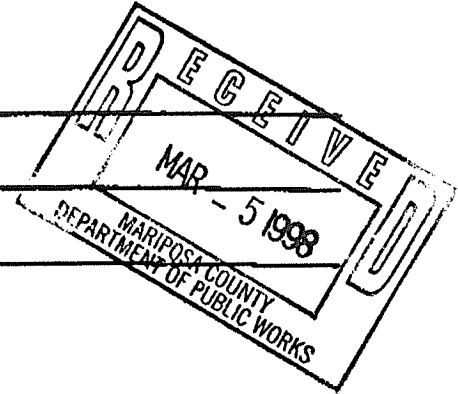
FAX COVER SHEET

DATE/TIME: 05 MAR 98 PAGE (INCLUDING COVER SHEET) 5

TO
NAME/TITLE: MARTY ALLEN

COMPANY: MARIPOSA Co

FAX #: 209-966-5147 TELEPHONE #:



FROM
NAME/TITLE: DAVE CONGER

COMPANY: Empire Equipment Co.

FAX #: (916) 922-4532 TELEPHONE #: (916) 922-7181

SUBJECT: TAB ON BID FROM CITY OF LONG BEACH

MESSAGE: MARTY, WE WILL HONOR THE QUOTE TO YOU BUT WITH THE LESS TAX:

MODEL 81DJ DURA Patcher

YOUR COST: \$46,100.00

7.25% TAX 3342.25

\$49,442.25

ANY QUESTIONS PLEASE GIVE ME A CALL

THANKS Dave

PURCHASE ORDER

CITY OF LONG BEACH, CALIFORNIA

PURCHASE ORDER NUMBER 83696-97	SUPPLIER NUMBER 019373	REQUISITION NUMBER 88139-97	PURCHASE ORDER DATE 06/30/97	DELIVER WITHIN DAYS AND	DESTINATION 90802	PAYMENT TERMS NET 30 DAYS	COMPTON NO. 0640
<p>READ CAREFULLY</p> <p>PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, SHIPPING PAPERS AND PACKAGES RELATED TO THIS ORDER.</p>		<p>SEND INVOICE AND TWO (2) COPIES TO: LONG BEACH, CITY OF ACCOUNTS PAYABLE/6TH FL 333 W OCEAN BLVD LONG BEACH, CA</p>		<p>BUYER BEVERLY GLAVAS (562) 570-6361 EXT.</p>			

THIS ORDER IS ISSUED TO

CONNOR, J. INC
126 E MONTECITO AVE
SIERRA MADRE CA

SHIP TO

PS/STREET MAINTENANCE
STREET SURFACE/BLDG #4420
1601 SAN FRANCISCO AVE.
LONG BEACH, CA

600000

91024

9

ITEM NO.	QUANTITY	UNIT	CITY NUMBER	DESCRIPTION	PROB#
01	1	LT		INJECTION TYPE POTHOLE PATCHING AND CRACK SEALING MACHINE, MOUNTED ON HIGHWAY LEGAL TRAILER. PRICE SHALL INCLUDE ANY TRUCK TAIL-GATE MODIFICATIONS NECESSARY TO GRAVITY FEED (AND AUGERS OR CONVEYERS) AGGREGATE TO PATCHING MACHINE HOPPER BOX, PER ATTACHED SPECIFICATION UNIT SHALL ALSO INCLUDE CRACK SEALING ATTACHMENT.	5414
02				DURACO IND. BIDJ WITH CRACK SEALER	
03				QUESTIONS ON THIS ORDER SHALL BE DIRECTED TO: GEORGE STEWART, 562/570- 2224 2724 SUPPLIER CONTACT: BRADLEY JENKINS 818/355-7024 WARRANTY: PER ATTACHED INTER-AGENCY PARTICIPATION: <u>IF OTHER AGENCIES EXPRESS AN INTEREST IN PARTICIPATING IN THIS BID, WOULD YOU SUPPLY THE SAME ITEMS?</u> YES X NO	

IF YES, ANY AGENCY ELECTING TO PARTICIPATE

TAXABLE SUBTOTAL CONTINUED

SALES TAX ON THIS PURCHASE OR OFFER ON THE TERMS AND COND

SALES TAX ON AT THE OFFER

THIS INFORMATION IS AVAILABLE IN AN ALTERNATIVE FORMAT BY CONTACTING THE ABOVE NOTED BUYER

PAGE 001

CITY OF LONG BEACH, CALIFORNIA

PURCHASE ORDER NUMBER 3696-97	SUPPLIER NUMBER 019373	REQUISITION NUMBER	PURCHASE ORDER DATE 06/30/97	DELIVER WITHIN DAYS AND	P.O. #	DESTINATION NET 30 DAYS	CONTRACT OR BID NUMBER 06402	CURRENCY CODE 389-6
PURCHASE ORDER NUMBER MUST APPEAR ON ALL INVOICES, SHIPPING PAPERS AND PACKAGES RELATED TO THIS ORDER		SEND INVOICE AND TWO (2) COPIES TO: LONG BEACH, CITY OF ACCOUNTS PAYABLE/6TH FL 333 W OCEAN BLVD LONG BEACH, CA		BUYER: BEVERLY BLAVAS (562) 570-6361 EXT. 4		CITY PURCHASING AGENT 333 W. OCEAN BLVD. / PLAZA LEVEL LONG BEACH, CA 90802		
66 DUPLICATE		DUNN, J. INC. 126 E MONTECITO AVE SIERRA MADRE CA		600000		90813		

QUANTITY	UNIT	CITY NUMBER	DESCRIPTION	PROGRAM	CELL	UNIT PRICE	EXTENSION
			<p>IN THIS BID WILL ORDER ITS OWN REQUIREMENTS WITHOUT REGARD TO THE CITY OF LONG BEACH. THE CITY OF LONG BEACH ASSURES NO LIABILITY OR PAYMENT GUARANTEE ON ANY UNITS SOLD TO PARTICIPATING AGENCIES.</p> <p><i>Geoff Panch</i></p>				
			TOTAL SUBTOTAL	46100.00			
			SALES TAX AMT.	3803.25			
			NON-TAXABLE SUBTOT.				49903

THIS INFORMATION IS AVAILABLE IN AN ALTERNATIVE FORMAT BY CONTACTING THE ABOVE NOTED BUYER.

ISSUANCE OF THIS PURCHASE ORDER BY THE CITY CONSTITUTES ACCEPTANCE OF SUPPLY OFFER ON THE TERMS AND CONDITIONS STATED HEREIN AND IN ANY ADDENDUM HERETO. SALES TAX ON INVOICES FOR GOODS RECEIVED MUST BE TAKEN

SPECIFICATIONS SPRAY INJECTION ROAD REPAIR MACHINE

The Spray Injection Road Repair Machine shall be 1997, trailer-mounted unit, designed to repair potholes, cracks and broad distressed areas in paved surfaces; be capable of blowing water, dust and debris from the area to be repaired and apply a spray of hot asphalt emulsion on the cleaned surface that will provide a tack coat and then inject emulsion-coated aggregate.

Aggregate shall be received from a dump truck with a modified tailgate in order to gravity feed the hopper box. No augers, conveyors or other mechanical devices shall be allowed. The hopper box shall be designed to hold the aggregate before it enters the air stream created by the blower. The hopper box shall have a safety screen bolted in place and will allow aggregate up to 2-1/2 inches in size to pass into the system without clogging. The hopper box shall be equipped with a slide gate opened and closed by a 3-1/4 inch diameter, 4-inch stroke air ram. Aggregate shall be fed to the aggregate hose through a blow-vac hose capable of passing up to 2-1/2 inch aggregate without clogging the feed system.

The aggregate control system shall consist of an abrasion-resistant 3-1/2 inch ID schedule 40 pipe, ten feet long and connected to a flexible 3-1/2 inch ID non-kinking plastic wire-reinforced rubber neoprene-lined hose, at least 16 feet long and fitted with a vent flow nozzle. The nozzle shall be a perforated tube, 3-1/2 inches in diameter and at least 13 inches long, and shall contain a 1/2 inch by 1/16 inch spray slot for coating aggregate. The perforated holes shall relieve air pressure as the aggregate exits the nozzle, preventing coated aggregate repair material from being blown out of the area. The unit must not produce over spray of material and must keep the operator clean and free of oil and rock.

The system shall allow the operator to spray aggregate at any engine speed between 1200-1800 RPM. The aggregate feed system must be capable of immediately and automatically self-regulating itself to vary both the volume and velocity of aggregate being delivered. These changes must occur automatically, each time the operator adjusts the engine speed with no other input from the operator. The unit must be capable of dispensing aggregate at a rate up to 105 pounds per minute.

The flexible hose and vent flow nozzle shall be supported by a swing hose carrier. This device shall allow the operator to repair an area within at least a 16-foot radius from the pivot point where the boom is mounted to the trailer. The boom shall be adjustable to height and allow the operator to move through its full radius, using only very light force from one hand, and adjustable to height. Boom systems requiring springs, hydraulic cylinders or other mechanical assist devices are not acceptable.

A yellow strobe light shall be mounted at the top of a vertical pole located at the rear of the machine that automatically engages when the engine is running.

Page Two

The swing support arm shall swing into a position parallel to the axis of the trailer where it shall be locked in place during travel and can be easily seen by the truck driver when transporting.

The carrier shall be equipped with a reversible handle bar control to allow the operator to control the hose and nozzle assembly without having to bear their weight. The handle bars must be flip-over or reversible and allow the operator to operate the boom controls from either side without compromise. The handle bar control shall include a ball valve to regulate emulsion flow and an electric toggle switch to open and close the air ram. The engine throttle will be mounted at the boom control station to allow the operator to vary the engine speed. A signal horn control button will also be located on the boom control station.

The blower shall be directly coupled to the flywheel of the engine and capable of producing 450 CFM at 7 PSI at 1,500 RPM using approximately 42 BHP. The unit shall be protected from overheating by a pop-off valve set at 10 PSI. The blower shall intake air from an accessible paper element filter of not less than 300 inches of filtration surface area covered by a foam pre-cleaner element.

The machine shall be powered by a water-cooled, naturally aspirated diesel engine with a rated gross power of 80 BHP. The engine must carry a factory warranty of at least two years.

The air compressor unit shall be a heavy-duty constructed unit, driven by the engine, and capable of delivering continuous pressure with a pop-off regulator set at between 70 PSI and 95 PSI and produce 12 CFM. No belt driven compressors will be considered.

The emulsion tank shall be an ASME-certified pressure vessel with at least 250 gallon capacity, with a 200 PSI working pressure at 500 degrees Fahrenheit. The tank shall be insulated by 2-inch weatherproof, fire-retardant fiberglass, equipped with (2) 1500 watt, 120-volt heater blankets, thermostatically controlled. The tank heating system must be capable of operating continuously regardless of whether the emulsion tank is empty or full with no damage to the heating elements or other components, and will allow an empty tank to be preheated. The tank shall be equipped with a pressure relief valve set between 100 PSI and 110 PSI. The unit must be capable of feeding the emulsion via a pressurized emulsion tank and be unaffected by cold weather. A pumping system or an emulsion system that recirculates the unused material back to the storage tank is not acceptable.

The emulsion clean-out tank shall be at least a ten gallon pressurized vessel with a 200 PSI working pressure at 450 degrees Fahrenheit, equipped with a pressure relief valve set at 100 PSI to 110 PSI. When in the open position, diesel fuel from the clean-out tank shall flow through the emulsion line to allow the system to be shut down without clogging. Disassembly and soaking of any part of the emulsion system will not be necessary.