



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Purchase Order No. **62251** Rev. **6/30/2008** Date

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
812005	57082	90 Days ARO	Destination	

SCANNER MASTER CORP. 19 WILLOW STREET NATICK, MA 01760 Attn: RICHARD BARNETT Phone: 508-650-4300	S CALIFORNIA HIGHWAY PATROL h T IMD WAREHOUSE i o 3270 REED AVENUE p WEST SACRAMENTO, CA 95605 Attn: MARY LOU REILLY	C CALIFORNIA HIGHWAY PATROL h a T FISCAL MANAGEMENT r o P. O. BOX 942901 e SACRAMENTO, CA 95605	
	Agency Billing 08076	Agency Purchase Estimate 047E7098	Purchase Estimate 67255 Revision 0
	Agency Contact STEPHEN RAMIREZ	Phone 916-375-2991	Date Received

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
<p>This purchase order is being awarded on SEPTEMBER 28, 2008 pursuant to Government Code Section 13332.17. Any encumbrances made pursuant to this purchase order shall be construed to have been made on the last day of the preceding fiscal year.</p> <p>The general provisions for Non-IT commodities are hereby incorporated by reference. These General Provisions can be obtained by phoning (916) 375-4400 or by accessing our website at: www.documents.dgs.ca.gov/pd/modellang/GPnonIT0407.pdf</p> <p>THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY: Prime Contractor: NS</p>						
1	500	EA	1096-000-0442-4	TRANSMITTER RECEIVER RADIO MOBILE COMPONENT Transmitter Receiver Scanner in accordance with attached Bid Specification # 5820-0178 of two (2) pages, dated August 27, 2008. Brand: GRE Model: PSR-600	369.5000	184,750.00
Total Value:						184,750.00
<p><u>FOR THE PURPOSE OF THIS AWARD</u> Only Free On Board (F.O.B.) Destination shall be accepted. <u>EQUIPMENT TO BE NEW</u> All equipment to be new and latest model in current production. Used, shopworn, demonstrator, prototype or discontinued models are not acceptable.</p>						

Sales and/or use tax to be extra unless noted above

Buyer SHANNON KELLER	Phone 916-375-4606	BOC Number
-----------------------------	-----------------------	------------

STATE OF CALIFORNIA

Department of General Services - Office of Procurement

PURCHASE ORDER CONTINUATION

Form GSOP 2-PIN (04/98)

Page 2 (Last)

<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
62251		6/30/2008	812005	SCANNER MASTER CORP.

<i>Item No.</i>	<i>Quantity</i>	<i>Unit</i>	<i>Commodity Code</i>	<i>Description</i>	<i>Unit Price</i>	<i>Extension</i>
<p><u>CONSOLIDATED PATROL VEHICLE ENVIRONMENT (CPVE)</u></p> <p>The scanner radios will be controlled by a third party control device known as the Consolidated Patrol Vehicle Environment (CPVE). The scanner radio supplier shall provide all required interface and control information, including but not limited to specifications and formats, to the CPVE manufacturer for total scanner radio control by the CPVE. The use agreements for this information shall be the responsibility of the CPVE and scanner radio suppliers. Any failure by the CPVE to control the scanner radios will result in contract default by the scanner radio supplier.</p> <p><u>WARRANTY</u></p> <p>Equipment shall operate satisfactorily and have a minimum warranty period of one year from date of delivery to the State. Vendor shall bear all material, labor and transportation costs for repair of defects and failures occurring within the warranty period.</p> <p><u>MANUALS</u></p> <p>Vendor shall provide, upon request by the State, a copy of necessary functional manuals, adjustment manuals, schematic diagrams and parts catalogues. Parts for equipment are to be available for each model and available for purchase by the State at no greater cost than published list prices.</p> <p><u>OPTION TO INCREASE / DECREASE QUANTITIES</u></p> <p>The State reserves the right to increase and/or decrease quantity up to 25%, at the awarded price, for up to 180 days from purchase order award.</p> <p><u>CHANGE ORDERS</u></p> <p>This Purchase Order may be amended, modified, or terminated at any time by mutual agreement of the parties, in writing. Change orders amending, modifying or terminating the Purchase Order, including any modifications of the compensation payable, may be issued only by the State Procurement Officer. All such change orders shall be in writing and issued only upon written concurrence of the supplier. Termination, as that term is used in this section, does not include termination for default of the supplier.</p> <p><u>SALES TAX</u></p> <p>Sales tax was not included in the bid pricing and is not part of this award. Sales tax should be added at time of invoicing. The sales tax rate applied should be based on the rate of the area the product is to be delivered to.</p> <p><u>SCPRS</u></p> <p>This Purchase Order has been registered into the State Contract and Procurement Registration System (https://www.scprs.dgs.ca.gov/). The registration number is 27200908334917.</p>						



1.0 SCOPE

This document establishes the minimum requirements for radio scanners to be furnished to the California Highway Patrol (CHP) for use during law enforcement activities. The scanners will be installed into patrol vehicles and will provide capabilities to automatically monitor unencrypted conversations on disparate radio systems throughout California.

2.0 APPLICABLE SPECIFICATIONS / STANDARDS / CODES

Specifications, standards and codes referenced in this document in effect on the opening of the 'Invitation For Bid', form a part of this specification.

3.0 REQUIREMENTS

- 3.1 The scanner shall be brand new, mobile/base type, no handheld, used, re-furbished, or prototype accepted.
- 3.2 The scanner shall be Association of Public Safety Communications Officials International, Inc. (APCO) Project-25 (P-25) digital ready.
- 3.3 The dimensions including assembly components shall be smaller than or equal to 7.5" wide, 6.5" deep and 3" tall.
- 3.4 The weight shall be greater than 27 ounces and less than 56 ounces excluding assembly components.
- 3.5 The scanner will be mounted and secured to withstand normal vibration in a moving patrol vehicle and shall pass vibration test with minimum amplitude 0.4mm, minimum sweep range 10 - 25 Hz for 1.5 hours in X-Y-Z directions.
- 3.6 It shall be able to scan both analog and digital conventional and analog and digital trunked radio frequencies from 25 MHz to 1.3 GHz.
- 3.7 The tracking capability shall provide automatically monitoring unencrypted conversations on analog Motorola type I, II, Motorola Astro 25 (P-25), EDACS, EDACS SCAT, and LTR trunked radio systems in the frequencies from 25 MHz to 1.3 GHz.
- 3.8 The Scanner shall have a frequency storage minimum of 5,000 dynamically allocated memory channels (objects), minimum 500 channels (objects) in each memory configuration (bank/group/folder/virtual scanner), and minimum 10 memory configurations (banks/groups/folders/virtual scanners).
- 3.9 The scanner shall be capable of being programmed with frequencies from 25 MHz to 1.3 GHz on all available channels.
- 3.10 The scanner shall be operable in patrol vehicles, mobile road enforcement, incident command, mobile command posts (CoCOMBAT) and waterborne vessels.
- 3.11 The scanner shall have automatic volume control to balance the volume level between different radio systems.
- 3.12 The scanner shall be user capable of reducing the incoming signal strength to prevent stronger signals from overloading the scanner.

- 3.13 The display on scanner shall be alphanumeric for easy identification of conventional and trunked channels by name.
- 3.14 The channel-scanning rate shall be at least 55 channels per second.
- 3.15 The normal search rate shall be at least 75 steps per second.
- 3.16 The scanner shall operate from power supply in the range of 12.0V to 14.4V DC.
- 3.17 The built in speaker shall be at least 1.3 inches in diameter, with impedance of 8 ohms.
- 3.18 The minimum operating temperature range shall be between +14F to +140F.
- 3.19 The minimum audio output power shall be 1.5 watts @ 10% Total Harmonic Distortion.
- 3.20 The antenna jack type shall be BNC.
- 3.21 The scanner shall have PC programming and remote control capability with software provided from the manufacturer.
- 3.22 The scanner-to-PC interface connection shall be through data cable with industry recognized standard connectors.
- 3.23 The frequencies covered shall be, but not limited to, in the ranges:
- 25 – 54 MHz
 - 108 – 136.975 MHz
 - 137 – 173.9875 MHz
 - 216.0025 – 221.9975 MHz
 - 222.0000 – 224.9800 MHz
 - 406 – 512 MHz
 - 769 – 775 MHz
 - 799 – 805 MHz
 - 806 – 823.9875 MHz
 - 849.0125 – 868.9875 MHz
 - 894.0125 – 956.0000 MHz
 - 1240 – 1300 MHz
- 3.24 Optional desirable features include:
- 3.24.1 Capability of receiving AM or FM modulated frequencies seamlessly.
- 3.24.2 Capability of scanning AM frequencies: 225 – 406 MHz.
- 3.24.3 Adjustable lighting display allowed user to change the backlit lighting at daytime or at nighttime.

STATE OF CALIFORNIA SPECIFICATION PALLETS, WOODEN

1 SCOPE

This specification covers pallets intended for use with low lift pallet trucks or forklift trucks.

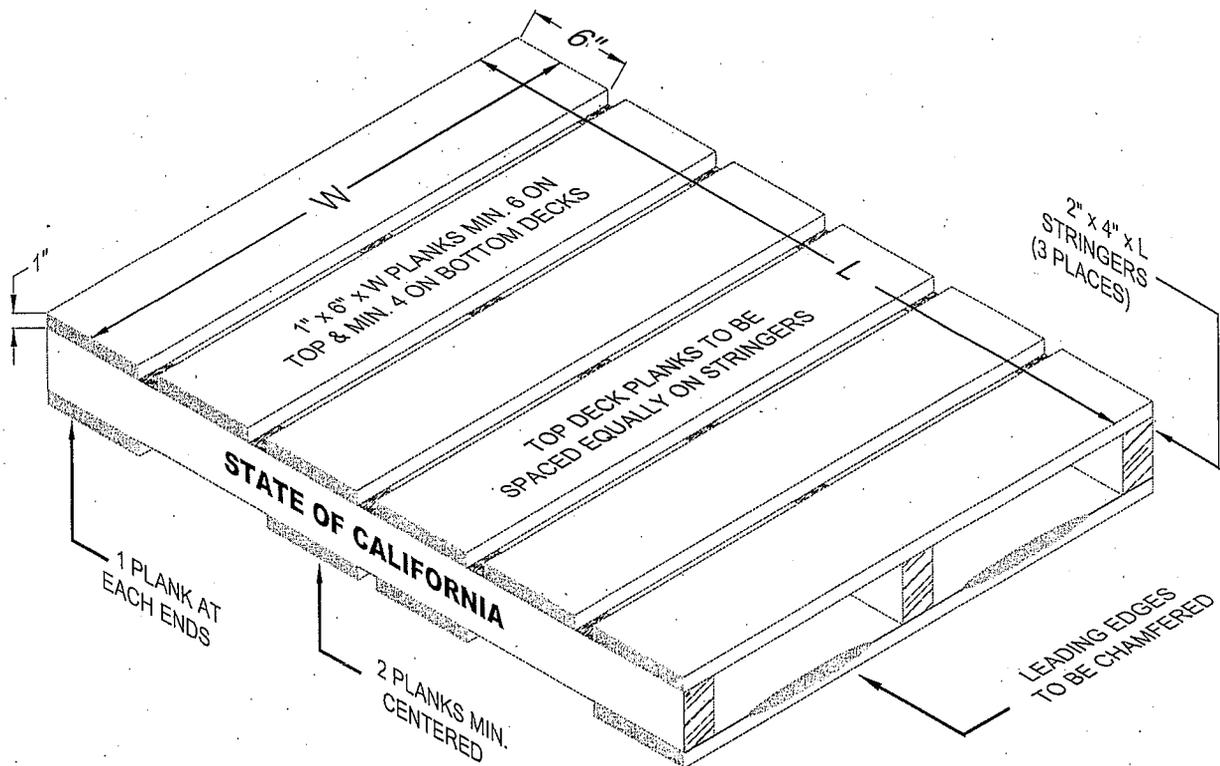
2 SPECIFICATION AND STANDARDS

Specifications and standards referenced in this document in effect on the opening of the Invitation for Bid form a part of this specification where referenced.

3 REQUIREMENTS

3.1 Material

The pallets shall be constructed from nominal size standard or better (West Coast Lumber Inspection Bureau, Standard Grading Rules for West Coast Lumber) grade Douglas Fir, Hemlock, Larch or Hem-Fir. The stringers shall be S4S and the decking S4S or S1S2E (re-



**FIG. 1 - TYPE 2
WOODEN PALLET**

sawed) with no edge knots. Sawed side is to be assembled to the inside of the pallets. Fastening shall be accomplished with $2\frac{1}{4}$ inch ($+1/16$ inch) 7 penny flat head drive screws (helical threaded nail) or $2\frac{1}{4}$ ($+1/16$ inch) #10 wire gauge annular ring nails as recommended in Specifications and Grades for Warehouse. Permanent or Returnable Pallets of West Coast Woods as published by the National Wooden Pallet and Container Association (Specifications and Grades, NWPCA).

3.2 Non-Standard Duty-Cycle Pallets

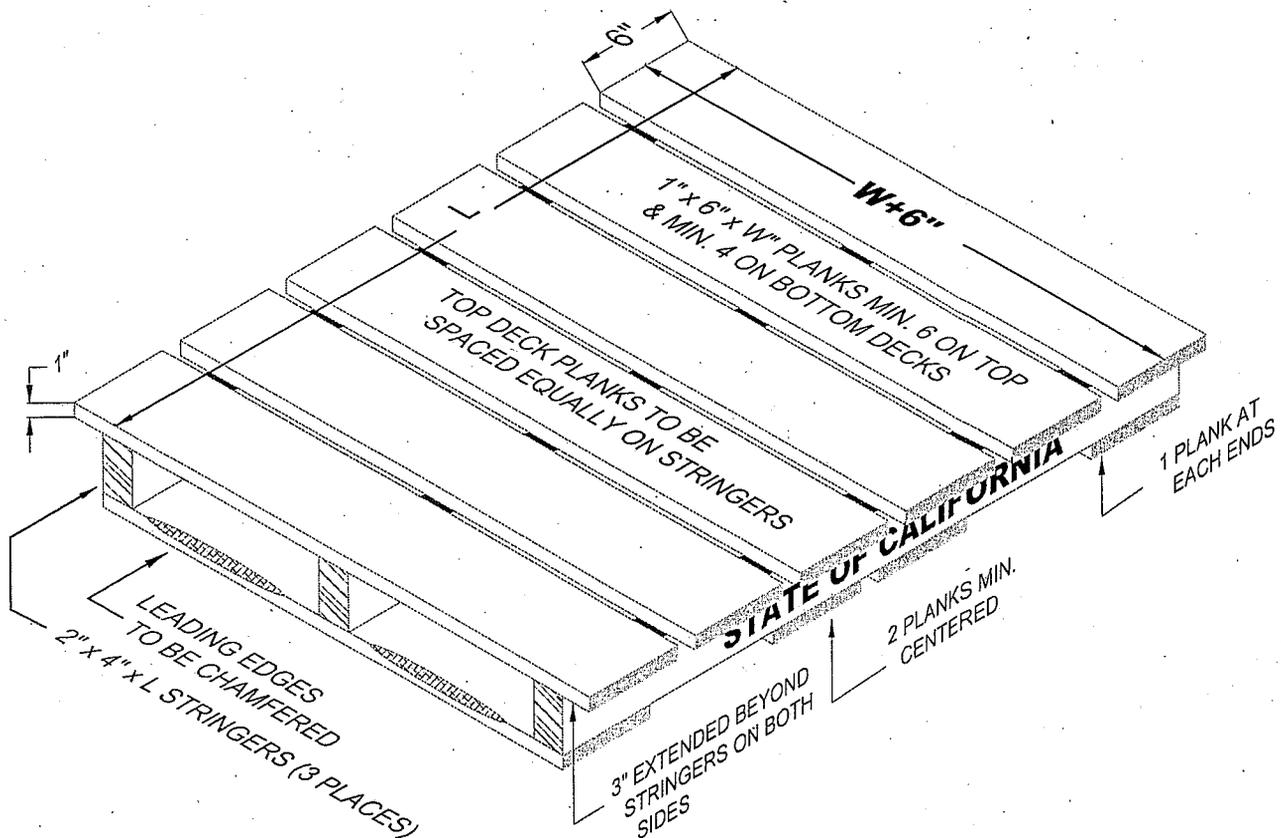
When specifically requested by the user, pallets may be manufactured using pine, oak or ash woods.

3.3 Construction

Pallet type and construction shall comply with Specifications and Grades, NWPCA. The pallets shall be Grade "Quality" (QAL).

The decking shall be secured with 3 nails or screws at each surface of contact with the stringer. Nails shall not be within $\frac{1}{2}$ inch of deck-board edges or another nails.

All leading and outside edges of the bottom deck shall be chamfered. The chamfers shall be at least 12 inches long and shall be cut on an approximate 35 degree angle to the face so as to leave an edge adjacent to the chamfer not less than $\frac{1}{4}$ inch nor more than $\frac{1}{2}$ inch from the outer



**FIG. 2 - TYPE 4
SINGLE WING WOODEN PALLET**

edge of the deck-board. The chamfer shall extend to within 3 inches of the stringers. Pallet configuration shall comply with illustration A.

COMMONLY USED PALLET TYPES & SIZE			
SIZE	TYPE	TOP DECK	BOTTOM DECK
1	2 (Fig. 1)	42"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width	42"L x 36"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers Two at center of the stringers
2	2 (Fig. 1)	42"L x 42"W Six 1" x 6" x 42" deck-boards, spaced evenly along the pallet width	42"L x 42"W Min. Four 1" x 6" x 42" boards. One placed each end of the stringers Two at center of the stringers
3	2 (Fig. 1)	44"L x 44"W Six 1" x 6" x 44" deck-boards, spaced evenly along the pallet width	44"L x 44"W Min. Four 1" x 6" x 44" boards. One placed each end of the stringers Two at center of the stringers (Fig. 1)
4	2 (Fig. 1)	45"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width	45"L x 36"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers Two at center of the stringers
5	2 (Fig. 1)	46"L x 44"W Six 1" x 6" x 44" deck-boards, spaced evenly along the pallet width	46"L x 44"W Min. Four 1" x 6" x 44" boards. One placed each end of the stringers Two at center of the stringers
6	2 (Fig. 1)	48"L x 48"W Six 1" x 6" x 48" deck-boards, spaced evenly along the pallet width	48"L x 48"W Min. Four 1" x 6" x 48" boards. One placed each end of the stringers Two at center of the stringers
Note: SIZE 1, TYPE 4 - has a single wing applied to top deck.			
1	4 (Fig. 2)	42"L x 36"W Six 1" x 6" x 36" deck-boards, spaced evenly along the pallet width with 3" wings extending beyond the stringers outboard faces	42"L x 30"W Min. Four 1" x 6" x 36" boards. One placed each end of the stringers, Two at center of the stringers

4 SAMPLING AND INSPECTION

This commodity will be sampled and inspected for compliance to this specification as deemed necessary. Sampling and inspection by attributes will be in accordance with ANSI/ASQ Z1.4-1993, Sampling Procedures and Tables for Inspection by Attributes. An inspection lot is defined as one delivery to one agency at one time.

4.1 Workmanship

The pallets shall be free from defects as outlined under Grade "Quality" (QAL) in the "Specifications and Grades", NWPCA.

5 MARKING

Each pallet shall be marked (two places), "STATE OF CALIFORNIA". Marking shall be easily readable, in black letters and on outboard faces of stringers.