



Form GSOP 1-PIN (04/98)

STATE OF CALIFORNIA
Department of General Services - Office of Procurement

PURCHASE ORDER

Purchase Order No. Rev. Date
62109 6/30/2008

Supplier No.	Solicitation No.	Delivery Date	FOB Point	Invoice Terms
811436	56944	As Specified	Destination	

TRILLIUM WIRE & CABLE, LLC
21541 NORTH 78TH STREET
SCOTTSDALE, AZ 85255
Attn: GREG ANIXTER

S DEPT. OF TRANSPORTATION
h T SACRAMENTO WAREHOUSE
i o 2001 EVERGREEN STREET
P SACRAMENTO, CA 95815
Attn: RECEIVING (916) 445-2557

C CALTRANS ASC/OFC 227-8946
h a T OPC WHSE PAYABLES IMS B15
r o P.O. BOX 168018 MS-25
g e SACRAMENTO CA 95816-8018

Agency Billing	Agency Purchase Estimate	Purchase Estimate	Revision
60006	22-W1342	67134	2

Agency Contact	Phone	Date Received
JOHN WILLIAMS	916-227-6031	

Phone: 480-710-1313

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
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THE FOLLOWING INFORMATION IS PROVIDED FOR AGENCY USE ONLY:

PRIME CONTRACTOR: NS

FISCAL YEAR FUNDS: 2007/2008

ATTACHMENTS:

- SPECIFICATION #6145-08BS-001R1, DATED 7/14/08
- PALLET SPECIFICATIONS

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

1	25000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0154-8	0.0823	2,057.50
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Brand: ADVANCED DIGITAL CABLE
Model: 14 SOL THW YELLOW

2	27500	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0153-6	0.0823	2,263.25
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Brand: ADVANCED DIGITAL CABLE
Model: 14 SOL THW RED

3	25000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0151-2	0.0823	2,057.50
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Brand: ADVANCED DIGITAL CABLE
Model: 14 SOL THW BLK

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

Buyer KATHLEEN SANBORN	Phone 916-375-4403	BOC Number
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PURCHASE ORDER CONTINUATION

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Purchase Order No.	Revision	Date	Supplier No.	Supplier Name
62109		6/30/2008	811436	TRILLIUM WIRE & CABLE, LLC

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
4	20000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0072-4 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>12 SOL THW RED</u>	0.1342	2,684.00
5	20000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0071-2 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>12 SOL THW WHITE</u>	0.1342	2,684.00
6	37500	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0070-0 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>12 SOL THW BLACK</u>	0.1342	5,032.50
7	135000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0050-8 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>10 SOL THW BLACK</u>	0.1884	25,434.00
8	80000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0053-4 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>10 SOL THW RED</u>	0.1884	15,072.00
9	20000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0060-9 Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>10 SOL THW WHITE</u>	0.1884	3,768.00
10	7500	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0047-2	0.3235	2,426.25

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62109		6/30/2008	811436	TRILLIUM WIRE & CABLE, LLC

Item No.	Quantity	Unit	Commodity Code	Description	Unit Price	Extension
				Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>8 STR THW WHITE</u>		
11	100000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0048-4	0.3235	32,350.00
				Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>8 STR THW RED</u>		
12	50000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0046-0	0.3235	16,175.00
				Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>8 STR THW BLACK</u>		
13	30000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0041-9	0.4950	14,850.00
				Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>6 STR THW BLACK</u>		
14	25000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-0045-8	0.4340	10,850.00
				Brand: <u>ARIZONA ELECTRICAL FABRICATORS</u> Model: <u>8 STR 5000 V UL MV-90 125 MIL</u>		
15	30000	FT	6145-080-0001-9	WIRE ELECTRICAL COPPER (BY THE FOOT) AS DESCRIBED MEETING THE REQUIREMENTS (SECTION 3) OF THE ATTACHED SPECIFICATIONS 6145-08BS-001, ONE (1) PAGE, CT# 6145-1106-9	0.1150	3,450.00
				Brand: <u>ADVANCED DIGITAL CABLE</u> Model: <u>14-2 LOOP CALTRANS 86-5.01A(4)</u>		
Total Value:						141,154.00
<p>DELIVERY: THERE SHALL BE <u>TWO</u> DELIVERIES ON THIS PROCUREMENT</p> <p>FIRST DELIVERY SHALL BE 45 DAYS ARO FOR THE INITIAL 30% OF THE ORDER AMOUNT.</p> <p>SECOND DELIVERY SHALL BE 45-60 DAYS AFTER DELIVERY OF FIRST SHIPMENT WITH</p>						

STATE OF CALIFORNIA

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<i>Purchase Order No.</i>	<i>Revision</i>	<i>Date</i>	<i>Supplier No.</i>	<i>Supplier Name</i>
62109		6/30/2008	811436	TRILLIUM WIRE & CABLE, LLC

<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>THE BALANCE OF 70% OF THE ORDER AMOUNT.</p> <p><u>INVOICING:</u> THE TWO SHIPMENTS SHALL BE INVOICED SEPERATELY.</p> <p>FIRST INVOICE SHALL BE UPON DELIVERY OF THE INITIAL 30% OF THE ORDER AMOUNT.</p> <p>SECOND INVOICE SHALL BE UPON DELIVERY OF THE BALANCE OF 70% OF THE ORDER AMOUNT.</p> <p><u>IMPORTANT VENDOR NOTE:</u> LOAD ON PALLET MUST BE STRAPPED OR SHRINK-WRAPPED TO MINIMIZE SHIFTING WHILE IN TRANSIT.</p> <p><u>SPECIAL PROVISIONS:</u> SUPPLIER TO PROVIDE NOTICE TO THE STATE 48 HOURS IN ADVANCE OF DELIVERY OF SHIPMENT. CONTACT THE CALTRANS REPRESENTATIVE, MITCH MCINYRE AT (916) 324-1190. THIS WILL ALLOW TIME TO ARRANGE FOR HANDLING EQUIPMENT ON-SITE, FOR UNLOADING.</p> <p>This purchase order is being awarded on August 1, 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><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 the following provisions as stated in the General Provisions (GSPD-401 Non-IT Commodities, Revised and Effective 4/12/2007): Page 3 - Section 22: Termination for Non-Appropriation of Funds, Page 3 - Section 23: Termination for the Convenience of the State, and Page 3 - Section 24: Termination for Default.</p> <p>This Purchase order has been registered into the state contact and procurement registration system (https://www.scprs.dgs.ca.gov/). The registration number is 26600808326110.</p>						



STATE OF CALIFORNIA
 BID SPECIFICATION
 ELECTRICAL WIRE

6145-08BS-001

1 SCOPE

The requirement herein describes Electrical Wire for the Department of Transportation (DOT). The Electrical Wire shall be shipped on pallets in compliance with Pallet specification 3990-01A-01.

2 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 REQUIREMENTS

3.1 SUPPLIED ELECTRICAL WIRE SHALL BE:

Type THW- Copper – Flame-retardant, moisture and heat-resistant thermoplastic insulation.
 75 °C dry and wet locations.

Solid

Line	Quantity	Description
Item #1	25000 FT	#14 AWG, 600 V, Insulation THW, 4/64, Yellow, 2,500' reel, conductor, solid
Item #2	27500 FT	#14 AWG, 600 V, Insulation THW, 4/64, Red, 2,500' reel, conductor, solid
Item #3	25000 FT	#14 AWG, 600 V, Insulation THW, 4/64, Black, 2,500' reel, conductor, solid
Item #4	20000 FT	#12 AWG, 600 V, Insulation THW, 4/64, Red, 2,500' reel, conductor, solid
Item #5	20000 FT	#12 AWG, 600 V, Insulation THW, 4/64, White, 2,500' reel, conductor, solid
Item #6	37500 FT	#12 AWG, 600 V, Insulation THW, 4/64, Black, 2,500' reel, conductor, solid
Item #7	135000 FT	#10 AWG, 600 V, Insulation THW, 4/64, Black, 2,500' reel, conductor, solid
Item #8	80000 FT	#10 AWG, 600 V, Insulation THW, 40 MILS, Red, 2,500' reel, conductor, solid
Item #9	20000 FT	#10 AWG, 600 V, Insulation THW, 40 MILS, White, 2,500' reel, conductor, solid

Stranded

Line	Quantity	Description
Item #10	7500 FT	#8 AWG, 600 V, Insulation THW, 5/64, White, 2,500' reel, conductor, stranded
Item #11	100000 FT	#8 AWG, 600 V, Insulation THW, 5/64, Red, 2,500' reel, conductor, stranded
Item #12	50000 FT	#8 AWG, 600 V, Insulation THW 54 MILS, Black, 2,500' reel, conductor, stranded
Item #13	30000 FT	#6 AWG, 600 V, Insulation THW 54 MILS, Black, 500' reel, conductor, stranded

Type MV-90- Copper—Thermoplastic or thermosetting insulation.
 90 °C 105 °C Dry or wet location rated 2001 volts and higher.

Stranded

Line	Quantity	Description
Item #14	25000 FT	#8 AWG, 5000 V, cable type MV-90, minimum insulation, 125 MILS, Black, 2,500' reel, conductor, stranded, 7 strand, jacketed

Type 2-loop wire shall consist of a conductor inside of plastic tubing.
 The conductor shall be Type THWN or Type XHHW, No. 14, stranded copper wire.
 The tubing shall be polyethylene or vinyl, rated for use at 105°C, and shall be resistant to oil and gasoline. The tubing shall have a maximum outside diameter of 0.27-inch and a minimum wall thickness of 0.028-inch. The conductors shall not be spliced inside the tubing.

Stranded

Line	Quantity	Description
Item #15	30000 FT	#14 AWG, 600 V, Insulation Type THWN or XHHW in tube, Black, 1,000' reel, Type 2 Loop Wire per Caltrans Standard Specification 86-5.01.A(4)

STATE OF CALIFORNIA SPECIFICATION PALLETS, WOODEN

1 SCOPE

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

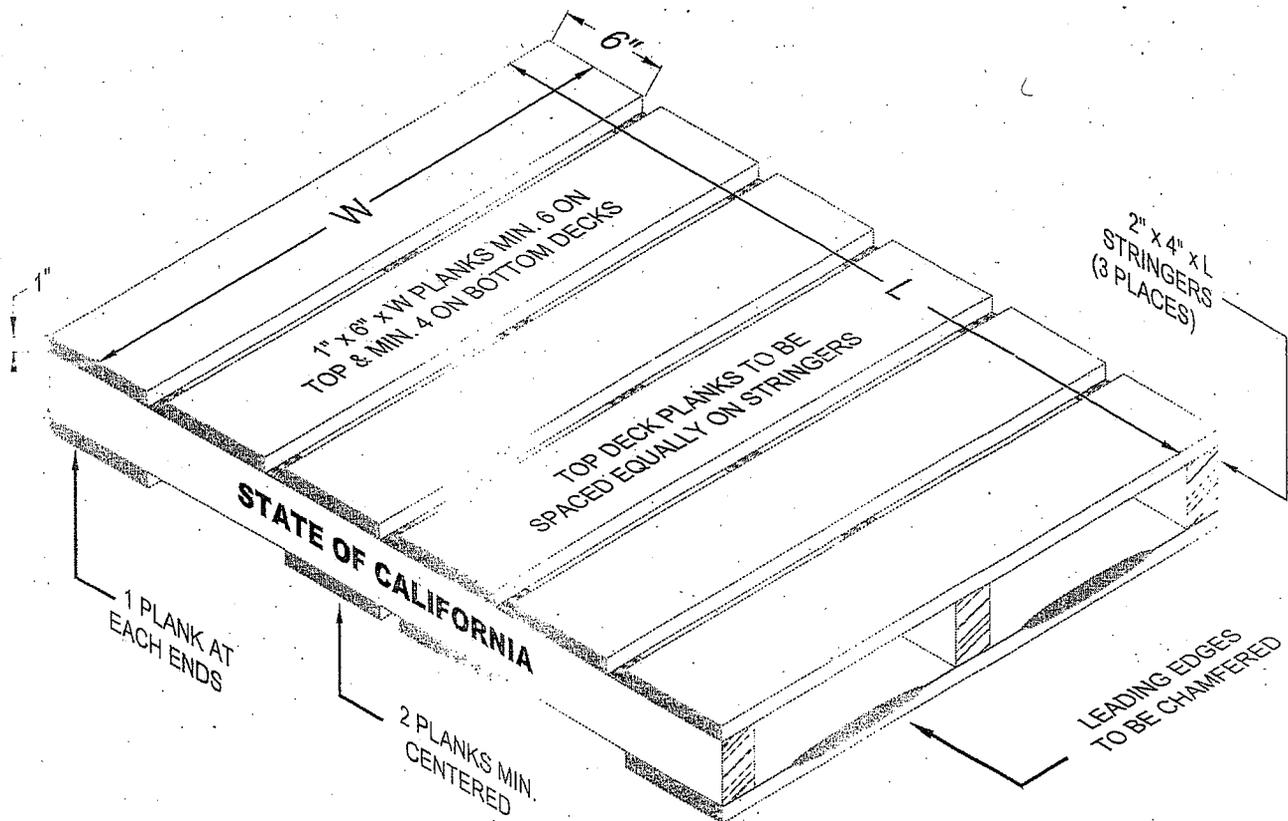
2 SPECIFICATION AND STANDARDS

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 2¼ inch (+1/16 inch) 7 penny flat head drive screws (helical threaded nail) or 2¼ (+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

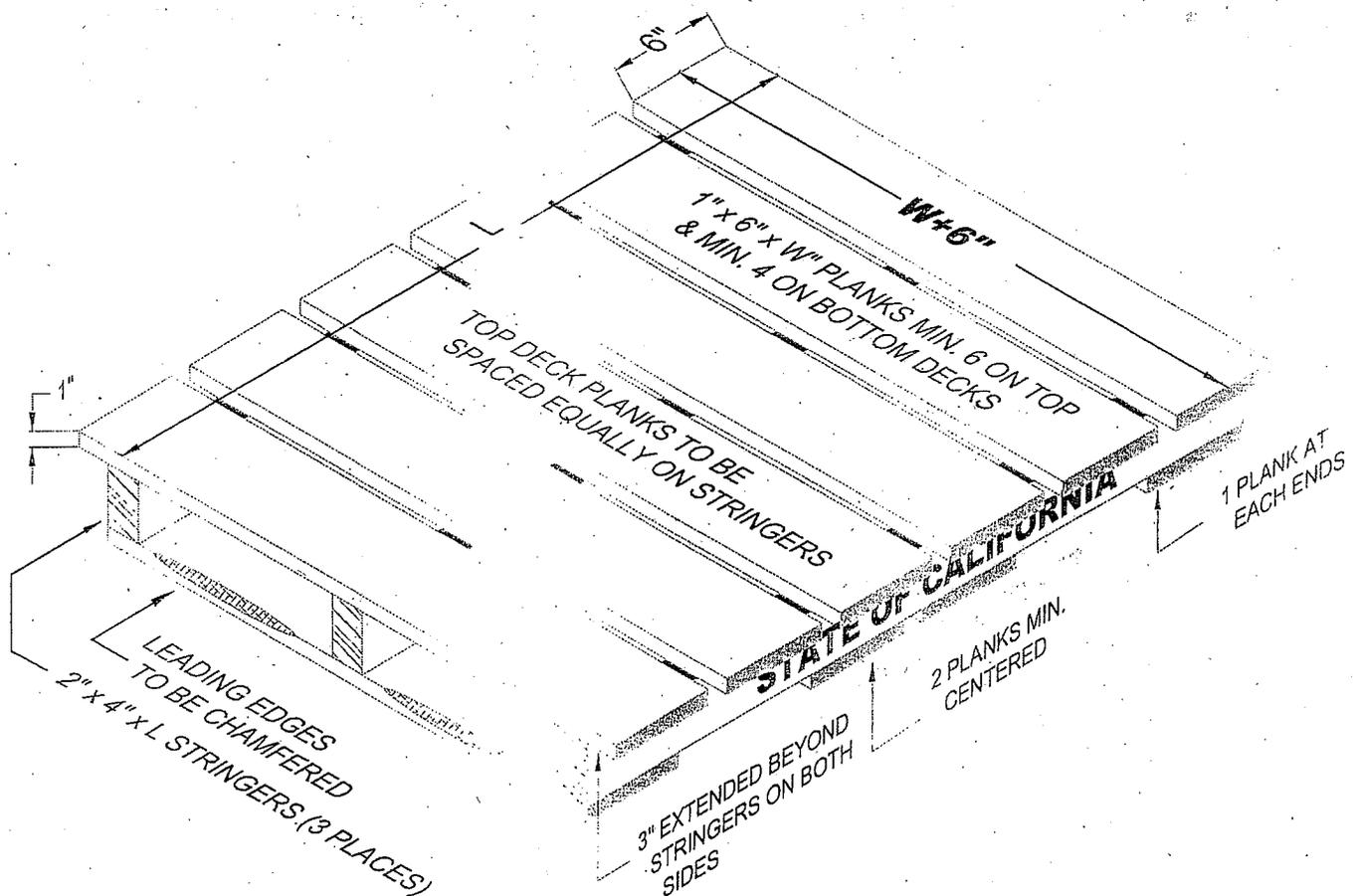
When specifically requested by the user, pallets may be manufactured using pine, oak or ash woods.

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 ½ 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 ¼ inch nor more than ½ 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 table below.

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 36"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.