

SECTION 10 73 16

CABANAS

PART 1 - GENERAL

1.1 RELATED SECTIONS

- A. 10 73 16 Canopies
- B. 13 31 00 Fabric structures
- C. 13 31 33 Framed fabric structures

1.2 SUMMARY

- A. Work of this Section includes fabric Cabanas
- B. Related Sections
 - 1. Section 06200 – Finish Carpentry.

1.3 REFERENCES

- A. Structural welding code steel AWS D1.1
- B. Structural welding code aluminum AWS D1.2
- C. General contractors license in the states of California, Arizona & Nevada.
- D. Los Angeles City Approved Fabricators license.
- E. Worker's Compensation Insurance certificate.
- F. General liability insurance certificate in excess of \$2 million, with an Umbrella of \$5 million.
- G. Vehicle insurance certification.

1.4 SUBMITTALS

- A. General: Submit each item in this article according to the condition of the contract and Division 1 Specification Sections.
- B. Shop Drawings: Show shop and erection drawing details, including cut, copes, connections holes and welds. Show welds, both shop and field, by the current recommended symbols of the AWS D1.1 & D1.2. Do not fabricate members until shop drawings have been reviewed and approved.
- C. Include stamped engineering calculations showing wind load, snow loads and seismic requirements of the local Building Department and include fastener and erection details, signed and sealed by the qualified professional engineer responsible for their preparation.

1.5 QUALITY ASSURANCE

Requirements of Cabana fabricator and Cabana Contractor, contractor must provide proof of certifications:

- A. Have been in continuous operation as a professional fabric cabana fabricator for a minimum of ten (10) years prior to this contract.
- B. Hold a valid general contractor's license for a minimum of five (5) years.
- C. Welder Qualifications: The personnel manufacturing the cabana frames must be certified welders.
- D. Provide written Welding Procedure Specifications (WPS).
- E. Professional Engineer Qualifications: A professional engineer who is legally authorized to practice in the jurisdiction where project is located and who is experienced in providing engineering services for installing fabric cabanas similar to those indicated for this project and with a record of successful in service performance.
- F. Hold a current Los Angeles City Approved Fabricator's license.
- G. OSHA 10 Hour Construction Industry Certified Training.
- H. OSHA Fall Protection Training.
- I. Job site installation crew must include one CPR trained member on the job site at all times of the installation.
- J. The installation crews must have a copy of the cabana company's Code of Safety practices at the job site during times of installation.
- K. Hold daily Safety Tail Gate Meetings before start of installation work.
- L. When forklifts are used at the job site, the operator must be Certified Fork Lift Operation Trained.
- M. Certified California AB1825 Sexual Harassment Training.
- N. The cabana fabricator must provide proof they have an ongoing written Quality Assurance program for five (5) years or more.
- O. The cabana fabricator must provide proof of it full-time Quality Assurance manager.
- P. The cabana fabricator must provide proof of \$2 million general liability insurance coverage with an umbrella of \$5 million.
- Q. The cabana fabricator must provide proof of workers compensation insurance coverage.

- R. It is recommended that the cabana fabricator be a current member of a professional trade association, i.e., Professional Awning Manufacturers Association, the Western Canvas Products Association or other established related manufacturer's trade association.

1.6 WARRANTY

- A. Warrant frame materials and workmanship against defects for a period of one (1) year from date of substantial completion of the work.
- B. Warrant fabric materials and workmanship against defects for a minimum period of five (5) years, on a prorated basis, from the date of substantial completion of the work and/or offer the same warranty offered by the fabric mill that manufactured or supplied the fabric.

PART 2 – PRODUCTS

2.1 CABANA MANUFACTURERS

- A. Approved Manufacturers:
 - 1. Resort Cabanas
16215 Piuma Avenue
Cerritos, California USA 90703-1528
Phone: (800) 422-6827
Phone: (562) 402-8335
Fax: (562) 924-2233
Email: info@resortcabanas.com
Website: www.resortcabanas.com

2.2 CABANAS

- A. Cabana Styles:
 - 1. Pacifica
 - 2. Wailea
 - 3. Cancun
 - 4. Beach
 - 5. Polynesian
 - 6. Tuscan
 - 7. Surf
 - 8. Custom
- B. Fabric: Sunbrella® 100 % acrylic fiber, color as selected by Architect, manufactured by Glen Raven Inc. or other exterior grade fabric awning material that carries a minimum five (5) year manufacturer's warranty. Based on the city's requirements, the architect is to specify if the fabric must be flame retardant to meet California Fire Marshal requirements or equal.
- C. Frames: Frames designed for wind loads, snow loads and seismic requirements as required by structural engineering requirements.

- D. Welding: All joints must be mitered and welded to AWS standards, ground smooth, primed and painted.
- E. Anchors: Anchoring hardware shall be galvanized, zinc-coated 3/8" diameter or greater. And must meet engineering requirements.
- F. Painting: Sandblast, Prime and Two coats of polyester powder coat required when the cabana installation is within 4 miles of the ocean or Painting: Shop primer shall conform to FS TT-P-615d (2). Type 1. Use Rustoleum brand paint 2185 zinc – rich spray when further than 4 miles from the ocean.
- G. Calking: Acrylic or latex sealant at head bar and wall junction.
- H. Sewing tread, must be Tenara® brand or equal

2.3 FABRICATION

- A. Fabricate cabana covers and frames in strict accordance with the reviewed shop drawings, written Welding Procedure Specifications and the reference standards.
- B. Cabana Frame Finish: Frames and metal components are to be sand blast, prime and polyester powder coated.

PART 3 – INSTALLATIONS

3.1 INSTALLATION

- A. Minimum ten (10) years cabana installation experience required by the cabana contractor.
- B. Job site areas are to be inspected and field measured by the cabana contractor prior to cabana manufacture and cabana installation.
- C. Install cabana and frames in strict accordance with the Drawings and the reviewed shop drawings, and provide appropriate building code requirements and aligned and plumb.
- D. Welding procedures and operation shall comply with the referenced standard. Welding electrodes shall comply with ASTM A 233, E-70 Series. Grind smooth exposed welds; finish welds to the inside.
- E. Installation firm must hold a current contractor's license in the state where the cabana is to be installed.

END OF SECTION 10 73 16