

## CALIFORNIA STATE PARKS

### Exterior Grade High Pressure Phenolic Laminate Panels – Specifications

- Project:** [Insert project name here (insert month and year here)]
- Qty/Size:** [List quantity, size, and panel thickness here or use “See below” to use table on last page]
- Deliver to:** [Insert delivery address here or use “See below” to use table on last page]
- Invoice to:** [Insert name, mailing address, phone number and email address here]
- Bids to:** [Insert name and email address and/or mailing address here]
- Proofs to:** [Insert name, phone number and mailing address here]

#### A. TECHNICAL SPECIFICATIONS

- (1) **Description of panels** - Graphic display panels shall be provided for the purpose of outdoor exhibits. Each panel shall consist of a solid, one-piece composite phenolic panel with fire retardant and graffiti proof properties. The total thickness of panel shall be either ½” (12 mm) or ¼” (6 mm) depending on what is stated on the attached list of panels. Provide UV inhibiting top layer and compatible spray coating, with a matte outdoor finish. One-half-inch thick panels shall be self-supporting.
- (2) **Mounting** – When indicated on the attached list, each panel will be delivered with two 56” posts for mounting into the ground, mounting plates for attaching panel to the posts, and appropriate threaded inserts for the mounting plates. For panels that will not be mounted on posts, information will be provided to contractor regarding where threaded inserts are to be placed.
- (3) **Printing** - The minimum requirements for the printer shall be 300 DPI image resolution with an output width capable of printing a 36” x 48” image in a single section. Printing must be done in at least four colors. Contractor shall be responsible for assessment of images. Assessment of images shall include accuracy of color compared to original proofs, text sharpness, gray scale reproduction, and quality of mass tones. Images shall be free of multiplexing patterns, tiling, spurious writing, pixel drop-out, and other undesirable artifacts.
- (4) **Inks** - Inks shall be permanent, UV resistant, CMYK process color inks.
- (5) **Substrate** – Premium grade paper, gloss finish, non-yellowing, opaque.

**B. DELIVERABLES**

Contractor shall deliver to the State the following:

- (1) Proof(s) that are, at a minimum, 2/3 full-size for review and approval of image quality and color fidelity;
- (2) If applicable, DVD(s) or CD(s) with files that reflect alterations made to PMS colors, final individual image masks, hi-res scans, final Tagged-Image File Format (TIFF) or Encapsulated Post Script (EPS) files with photographic retouching or color enhancement and files created to produce the final exhibit;
- (3) Quantity of panels as listed in Contractor's price quote. Panels shall be shipped to California State Parks locations (locations do not have access to a forklift and bids should account for this). Installation of panels is not required. **Do not include shipping costs as an additional line item in bids but instead include in total cost of each panel.**

**C. WARRANTY**

The Contractor shall guarantee the workmanship against defects in work and material. At a minimum, a **ten-year** warranty is required. The fabricated components of the graphics panel shall meet the following requirements:

- (1) **Light fastness of colors** - Image failure will consist of a degree of CMYK color fade that causes graphic to be unsuitable for viewing in the context of its intended purpose. Color fade of the image greater than 20 percent, as measured by densitometer, will be considered failure. Relative image fade of any one color greater than 10 percent will be considered failure.
- (2) **Panel warping** - Extended perceptible warping of the panel while inserted in the base will be considered failure.
- (3) **Other** - If during the warranty period defective workmanship or materials are identified by the State, the Contractor will be notified, in writing, as to the liability and responsibility for replacement at no cost to the State. Replacement shall include all costs of material, labor, production, and shipping. Damage from vandalism or acts of God will be excluded from the warranty requirements.

Should the Contractor fail to proceed with the work in accordance with the guarantee within seven calendar days from the Notice of Corrective Actions(s), the State will have such work performed at the expense of the Contractor.

In no event will the State be responsible for any extension or delays in the scheduled deliverables or periods of performance under this contract as a result of the Contractor's obligations to correct defects. There shall not be any adjustment of the delivery schedule or period of performance as a result of the correction of defects unless provided by a supplemental agreement with adequate consideration.

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If the State returns any work to the Contractor for correction or replacement under this contract, the Contractor shall be liable for transportation charges. The amount of these charges will be equal to the cost of transportation by the usual commercial method of shipment from the place of delivery specified in the contract to the Contractor's plant and return to the place of delivery specified in the contract. This is irrespective of the FOB Point or the point of acceptance. The Contractor shall also bear the responsibility for the work while in transit.

The Contractor shall be liable for the reasonable costs, including travel of personnel, and disassembly and reassembly of larger items when it is necessary to remove the work to be inspected and returned for correction or replacement.

**D. REVIEW AND APPROVAL**

The State will notify the Contractor, in writing, of approval or rejection citing and any additions, corrections, or suggestions within 15 calendar days. Any additions or corrections shall be completed and returned to the State within 15 calendar days.

**Panel Sizes and Delivery Addresses:**

	<b>Panel Title</b>	<b>Panel Topic</b>	<b>Delivery Address</b>	<b>Panel Size</b>	<b>Posts Needed?</b>	<b>Panel Thickness</b>
<b>1</b>						