



Resonance Studio

BAMBOO ARCHITECTURE • ENGINEERING • BUILDS

The US studio that designs, engineers, supplies, and builds large-scale bamboo structures — from festival grounds to permanent spaces.

WHAT WE DO

- **Architecture & Design** — concept-to-permit design for pavilions, stages, and buildings; festival art-grant submission packages
- **Structural Engineering** — full-culm bamboo to ISO 22156; wind, seismic & crowd loading; festival safety review support
- **Project Management** — crew leadership, logistics, and on-site build direction, contract to strike
- **Prefabricated Components** — trusses, arches, panels; direct-imported structural poles in project-sized quantities, no container minimums
- **Consulting** — feasibility, budgets, USDA/APHIS import compliance, permitting strategy
- **Art Rental** — the Resonance Tree at your event: delivered, raised, lit, produced

INTERACTIVE ENGINEERING

We simulate before we build — live tools from the Tree project:

Solar Harvesting Visualizer • per-panel sun access & battery runtime

3D Lighting Visualizer • every lantern tuned in the browser first

FLAGSHIP

The Resonance Tree

A bamboo tree with a canopy of 94 solar-powered lanterns — reciprocal-frame trunk, prefabricated across continents, raised at Burning Man 2026.

40 ft*	94	100%*
CANOPY	SOLAR LIGHTS	BAMBOO

WHY RESONANCE

- **Render to raised, one team** — design, engineering, Bali master-craft fabrication, and build under one contract
- **Engineering-literal** — ISO 22156 design basis; documentation reviewers can approve
- **Our own supply chain** — treated structural bamboo imported direct; USDA/APHIS handled
- **Carbon-negative by design** — sequestration figures published per project

Start a conversation

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SCAN FOR EVERYTHING