

## Best Value Reduces Effort and Increases Savings

### ARIZONA STATE PARKS

#### Design Build–Wastewater Treatment Facilities



The project included the design and construction of a 0.015MGD MBR Wastewater Treatment Facility, a maintenance building, a new restroom, and remodel of the existing restroom. This sustainable system was designed and constructed for zero net water loss.

Using the Best Value system's Pre-Award Phase and the Weekly Risk Report, the owner reduced its oversight efforts, eliminated contractor generated change orders, and increased their satisfaction as compared to conventionally managed projects. During the 2 plus years of design and construction there were less than 4 official project meetings and only met with the DB on site every 5-6 weeks during construction. The Design Builder (DB) was able to provide additional quality items, including project landscaping, to a project based on savings by using the BV procurement system.

**Project:** Wastewater Treatment / Buildings

**Type:** Design Build

**Owner:** Arizona State Parks

**Design Builder:** Fann Environmental

**Designer:** Environmental Engineering Consultants

**Contract:** \$1,697,243

**Start Date:** June 2008

**Completion Date:** February 2010

**Team Members:**

Jeff Sawyer, DB Project Manager

Robert Upton, PE, Const. PM

Carrie Cote', PE, Project Engineer

#### REFERENCES

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