



Sedona Major Pump Modification *Construction Manager at Risk*

This project was developed as an extensive upgrade and modification to the City of Sedona's three major lift stations. The design of the project had been undertaken by the City two times in the past. The City hired FE to perform a complete review of the previous plans and assist the Design Engineer in design revision. FE completed constructability reviews, cost estimating and value engineering. Ultimately, the project will include at least five guaranteed maximum price contracts. Current estimates indicate the project will be completed for over \$1 million under budget.

The construction phase of the work includes three new bypass lift stations, upgrades to the existing lift station, major electrical/controls changes, and safety modifications.

Owner: City of Sedona
Role: CM@Risk
Engineer: Stanley Consultants
Contract Amount: Est. at \$7.4 million
Design Services: \$214,800
GMP#1 - Electrical & VD's: \$717,514
GMP#2 - Wet Well Installation: \$3,103,053
GMP#3 - New Pumps & Piping: \$454,040
GMP#4 - Electrical, Controls, Exist Pump Work:
\$2,946,804
Final Contract Amount: Ongoing
Project Start Date: January 2007
Project Completion Date: February 2010



Fann Environmental Key Personnel:
Jeff Sawyer - Project Manager & Estimator
Robert Upton - Project Engineer

References:
David Mann, City of Sedona, 928-204-7111
Pat Livingstone, City of Sedona, 928-204-2234