

SPA 2 WRF Initial Capacity - 2 MGD

Project Number: 20609

Department: PUBLIC WORKS - UTILITIES

Last Updated: 04/06/2009

Project Manager: Gene Leap

Contact Number: 623.695.1980

Address/Location: 15667 W. Planada Lane

Project Description:

This project consists of a two million gallon per day (MGD) Membrane Bioreactor (MBR) Water Reclamation Facility (WRF) for Special Planning Area (SPA) 2. This is phase one of an ultimate site build out of 12 MGD.

Schedule Breakdown

Delivery Method: Construction Manager @ Risk (CM@R)

Project Phases	Percent Completed	Original Est Completion	Projected Completion	Procurement Results
Design Procurement	100%	03/06/2006		
Council - Design	100		08/01/2008	Carollo Engineers - \$2,300,936
Design	70%	01/01/2007	06/30/2009	PCL Contractors Pre-construction Services - \$149,358
Construction Procurement	0%		05/28/2009	
Council - Construction	0	05/01/2007	04/23/2009	
Construction	0%	06/01/2009	02/01/2011	

Budget Breakdown

Funding Source: Sewer System Dev Fee, Pre-Paid by Developers

Budget Notes

Project Budget:	Original:	\$ 20,000,000
	Change:	\$ 7,865,900
	Amended:	\$ 27,865,900
	Total Expended:	\$ 4,846,168

Budget increase of \$27,200,000 July 06. Budget increase of \$7,080,000 July 07. Budget decrease of \$23,388,300. Budget decrease of \$3,025,800 Aug 08. Developer funding all costs up front.

Project Update

Current Project Status

Sixty percent drawings & specifications were received by the city March 2, 2009. Staff met with Carollo Engineers and PCL Construction to review and provide verbal and written comments. PCL Contractors submitted the 1st Guaranteed Maximum Price based on the 60% plans. Staff negotiated an acceptable agreement and submitted the contract for placement on the April 23, 2009 Mayor and Council meeting agenda for review and approval. The city entered into a study and design agreement with Arizona Public Service to design and construct the power supply to the project. With the assistance from Carollo Engineers, Staff prepared and submitted the Aquifer Protection Permit Amendment to the Arizona Department of Environmental Quality for

What's Next

Carollo Engineers is working on the 95% design. The PCL Construction contract is scheduled for City Council approval April 23, 2009. Carollo Engineers is to submit an analytical analysis for the Underground Storage Facility permit to Arizona Department of Water Resources for review.

