



CITY OF SUGAR LAND

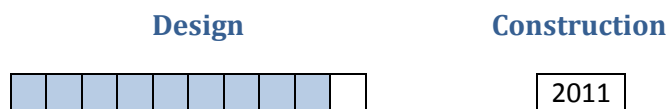
Engineering Department

CIP Project Number: WA1005

Title: Motor Controls - First Colony and Austin Pkwy Plants

Project Phase: Design

% of Phase Completion



Cost for this Phase: \$ 75,000

Funding Sources: Revenue Bonds

Project Manager: Howard Christian

Contractor:

Consultant: Schrader

Project Description: Project would completely replace all motor control centers and auto sensory controls for both water plants. Each water plant has five booster pumps and an on-site well with horsepower ranging from 50 hp to 300 hp. This project is time critical and plants can only be taken off-line consecutively during January & February.

Justification: Both water plants are approaching 30 years old and repair parts for the existing motor controls are obsolete and only available through surplus vendors. This makes it very difficult to complete repairs in a timely manner.

Updates: **October 2009** – design expected to start in May 2010 or sooner.

November 2009 – no changes.

December 2009 – no changes.

January 2010 – no changes

February 2010 – no changes

March 2010 – Met electrical engineer at the two water plant sites and have gone over the scope of work. Schrader has submitted their proposal and we will be submitting for approval in April. Consultant's proposal was less than \$50K.

April 2010 - After further review the consultant's proposal is \$59,000 and set for a May council meeting.

June 2010 – Council authorized the contract and work will begin on the design in July 2010.

July 2010 – Notice to proceed has been sent to Shrader Engineering.

August 2010 – No change

September 2010- Received 90% design and are reviewing. Design will be complete by mid October.