

**JURUPA PUMP STATION HVAC IMPROVEMENTS**  
**PROJECT NO. EN14040**  
**STATUS UPDATE: NOVEMBER 30, 2013**

The Jurupa Pump Station (PS) is a key recharge contributor that delivers storm water runoff, local runoff, and recycled water to RP-3. The electrical equipment, such as the motor control center, variable frequency drives (VFDs) and communication equipment is critical to the operation of the pump station. Due to the high temperatures experienced, vital electrical equipment has been experiencing temperature related failures and PS shutdowns. The project includes installation of a permanent air conditioning system, roof thermal insulation, controls, etc. for the electrical equipment at the Jurupa PS.

**Schedule:**

<u>Phase</u>	<u>Project Budget</u>		<u>Actual Cost to Date</u>		
	<u>Start</u>	<u>Finish</u>	<u>Status</u>	<u>Projected Cost</u>	<u>Actual Cost</u>
				\$300,000	\$993
Project Development	09/02/13A	10/15/13	Completed	\$1,000	\$993
Design	10/16/13A	02/28/14	In-Progress	\$45,000	\$0
Bid and Award	03/01/14	05/15/14	Not Started	\$4,000	\$0
Construction	05/16/14	09/30/14	Not Started	\$100,000	\$0
				<u>\$300,000</u>	

The total project cost was originally \$300,000. Through the Pre-design Phase the Agency has been able to evaluate the details of the project and simplify the scope. The updated total project cost is not-to-exceed \$150,000, with a Chino Basin Watermaster (CBWM) 50% cost share of \$75,000.

**Project Update:**

The Preliminary Design Report (PDR) review meeting was held on December 5, 2013 with the design consultant, Kitchell. The PDR is being updated to reflect additional cost-effective options: 1) VFD panel-mounted air conditioning unit, 2) A/C unit with direct ducting to the VFD panel. The Agency anticipates receiving the 100% Design Submittal in early February 2014.

**Project Photo:**



**MCC Control Panel**



**Pumping System**