

Project under Construction

PROJECT NAME: ..... **CENTRIFUGE PROJECT AT WATER RECLAMATION FACILITY**

PROJECT ADDRESS: ..... 1950 N. Nevada Street, Redlands.

PROJECT PUBLIC BENEFIT: ..... The City of Redlands Wastewater Treatment Plant treats approximately 6 million gallons of wastewater each day. At this plant staff operates a small centrifuge which is used to dewater sludge which is generated during the treatment process. Currently the existing centrifuge is unable to process the amount of sludge generated. The impact of the existing centrifuge limited size is magnified when the humidity is high and on rainy days. This is due to the inability of sludge to dry in the conventional drying beds operated at the plant. The replacement centrifuge will allow treatment of more sludge with greater efficiency than the existing machine and enhance the capacity of the plant.

PROJECT DESCRIPTION:..... This project's funding is primarily oriented to the off site manufacture of the Alpha Laval Centrifuge that can take up to a year to construct. Prior to the delivery of the Centrifuge to the City of Redlands, the contractor will prepare the site, install a raised platform, prepare Mechanical and Electrical and Automation systems supporting centrifuge. The remainder of the work consists of: Concrete Sawcutting, Minor Grading, Trench Backfill, Compaction, Minor Asphalt Paving, Asphalt Crack repair and Parking Lot Striping, Painting, Concrete Flatwork, Concrete Footings and drainage piping.

CONTRACT AMOUNT: ..... \$724,820.00

SOURCE OF FUND:..... Wastewater Fund

START DATE FOR CONSTRUCTION: ..... **July 6, 2009**

ANTICIPATED CONSTRUCTION TIME:..... 250 Calendar Days

PERCENT COMPLETION AS OF 9/16/09: ..... 1% (updated every 2 weeks)

EXPECTED COMPLETION DATE: ..... **March 13, 2010**

NAME OF CONTRACTOR: ..... Spiess Construction Company, Inc. (909) 229-3600

CONTACT INFORMATION:..... Tim Wilson (909) 798-7585 X3 [twilson@cityofredlands.org](mailto:twilson@cityofredlands.org)  
City of Redlands staff Project Civil Engineer

DETOUR INFORMATION:..... The work is not within the Street Right of Way – no detours required

PROJECT PHOTOS: .....

Prior to Construction