

New Contract Awards

City of Pasadena Water & Power Department – General Engineering Services

Auriga Corporation has been awarded a new contract by the City of Pasadena Water & Power to provide General Engineering Services for Overhead and Underground Transmission & Distribution Systems, including Substation and SCADA systems for the next 5 years (Initial Contract 2 years + 3 one-year extensions). Auriga is the Prime Contractor for the General Engineering Services contract, with West Power Energy (WPE) of Arcadia as the subcontractor for this project.



Sacramento Valley Energy Center - 230 kV Switchyard: Protection and Control System Design

The Sacramento Municipal Utility District (SMUD) is planning to construct a 250 MW solar and battery storage project (Sacramento Valley Energy Center) consisting of a power plant and a 230 kV switchyard that will connect the plant to the SMUD transmission system. As subcontractor to Sargent & Lundy (S&L), Auriga is providing design and engineering services for the protection and control system for the 230 kV switchyard.



SFMTA CS-184 – As Needed Specialized Engineering Services

The San Francisco Municipal Transportation Agency (SFMTA) has awarded a new three (3) years; \$5 Million contract to Auriga to provide As-Needed Specialized Engineering services to the agency. The scope of work includes: project management, systems engineering, civil and track work, and construction management services for rail rehabilitation projects. Auriga has previously provided similar Specialized Engineering Services to SFMTA for the past 3 years. Auriga's team consists of well renowned companies such as AECOM, Systra, Inc., Gannett Fleming, Lea + Elliott and TCCI.



Los Angeles Metro – EBS Support Services

Auriga Corporation has been awarded a new contract to provide information technology services for Metro's Oracle E-Business Suite of business systems. This database system is complex and requires specialized technical skills and a clear understanding of Metro's business processes and architectural configurations.



New and Ongoing Projects

Bay Area Rapid Transit (BART) – Project Controls - Electrical & Traction Power Projects

As a sub-contractor to Jacobs, Auriga is currently providing project control services to BART for Electrical and Traction Power Projects. The scope of services includes project management support, monitoring of cost performance index (CPI) and schedule performance index (SPI).



Bay Area Rapid Transit (BART) – Arc Flash Study Project

As a sub-contractor to Jacobs, Auriga is currently performing Arc Flash study for BART's R, L and C Lines. The scope of work includes: verify existing single line diagrams and at-site equipment technical data for 19 BART stations and their parking structures, develop power system models and conduct Arc Flash study using the latest ETAP software, and prepare final reports for each facility. Auriga has completed 90% of site investigations and field work for the whole project and 50% of the Arc Flash studies.



LA Metro – VA Parking Structure Electrical Design Project

As a sub-consultant to HDR, Auriga is providing design and engineering services to LA Metro under the Supplemental Engineering Support Services (SES) contract. HDR/Auriga team is providing design and engineering services to LA Metro to design and



construct a new VA Hospital Parking Structure. Auriga's scope of services includes design and engineering services (Plans & Specifications) for electrical power, lighting, and fire alarm systems. Auriga's lighting design enhances the appearance of this modern, multi-functional and attractive-looking five-story parking structure near the 405 freeway.

MTC – 511 Support Services

Auriga's staff continue to support MTC – 511 Program. Auriga's scope of work includes coordinating with Transit Operators for the signups/transit data and communicating with MTC and other stakeholders. Auriga is also managing the transitdata@511.org communication. Auriga provides interface and communication with Transit Agencies regarding data issues and provides explanation on the severities of discrepancies. This involves analyzing and providing input on major data and system changes. Auriga's support in analyzing transit data related issues will benefit MTC's 511 SF Bay Open Data portal.




Chicago Transit Authority (CTA) – Open Standard Fare System (OSFS) 3.0 Upgrade

Auriga is currently providing professional engineering services to the Chicago Transit Authority for the Open Standard Fare System (OSFS) 3.0 Upgrade Project. The current project activities are focused on reviewing the Cubic's design submittals for the OSFS. One of the most exciting developments of the project is the modernization of the on-board bus network. With the sunset of 3G service by the mobile network operators in the second quarter of 2022, the existing 3G mobile communications modules on the buses need to be upgraded.



Metrolink – Signal & Communications System Support

Auriga is currently providing professional engineering services to Metrolink for  Signal and Communications System. Metrolink has a plan to modernize their network to expand line capacity with



better radio and optical networks. These projects are part of Metrolink's 10-year, \$10 billion Southern California Optimized Rail Expansion (SCORE) Program. SCORE is a capital improvement program to upgrade rail infrastructure to enable bi-directional service every 30 minutes per day. Recently, Auriga participated in the engineering of turnout standardization to reduce cost.

New Employee Profiles

Fred Koch – Business Development Manager

Fred Koch joined Auriga in July 2021 as a Business Development Manager. Fred has a Bachelor's degree in Engineering Sciences (Mechanical/Electrical Core Curriculum) from Dartmouth College. He has over 30 years of experience in Aviation, Aerospace, and Utilities. Fred is responsible for pursuing business opportunities in Aviation, Utilities, Rail & Transit, and State & Local Governments.



Mike Fattahi – Senior Electrical Engineer

Mike Fattahi joined Auriga on November 1st, 2021 as a Senior Electrical Engineer. Mike has a Master's degree in Electrical Engineering. He has over 20 years of experience in design and analysis of electrical distribution systems. In addition, he has experience for installation, testing and commissioning of distribution substations and protection equipment.



Jazerae Tillmon – Administrative Assistant

Jezarae Tillman joined Auriga in September 2021 as an Administrative Assistant. Jezarae received a B.S. degree in Business Administration – Management from San Diego State University. At Auriga, she is responsible for office administration.



Happy Holidays

Auriga wishes everyone *Happy Holidays and Best Wishes* for the New Year. We hope everyone is safe and healthy during the difficult and challenging time of COVID-19.