

New Contract Awards

SFMTA CS-184 – As Needed Specialized Engineering Services

The San Francisco Municipal Transportation Agency (SFMTA) has awarded a new 3-years; \$5 Million contract to Auriga to provide As-Needed Specialized Engineering services to the agency. Auriga has previously provided similar Specialized Engineering Services to SFMTA for the past 3 years. This is a reaffirmation of Auriga's past high-quality performance with SFMTA. Auriga's team consists of well renowned companies such as AECOM, Systra, Gannett Fleming, Lea + Elliott and TCCI.



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

The CTA board has approved the award of a 2-year contract to Auriga to provide Consulting Services for the Open Standards Fare System (OSFS) 3.0 Upgrade. Auriga's Team consists of several well recognized companies such as Diane McDevitt Consulting, IBI Group, Intueor, Inc. and Invoke Technologies. Auriga team has delivered similar services in San Francisco, Los Angeles, Boston and New York City. Willy Dommen will serve as Project Manager. Auriga will be delivering a broad scope of technical and customer operations support services that will enable CTA to transition to the upgraded Ventra back-office system efficiently in a seamless manner.



New and Ongoing Projects

LACMTA – VA Parking Structure Electrical Design Project

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



Design Services to build the new VA Hospital Parking Structure. Auriga's scope of services includes design and engineering (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.

Chicago Transit Authority (CTA) – Next Generation Fare Box Replacement Project

Auriga continues to support CTA with its replacement of next generation bus fareboxes. The project is in the late stages of the farebox proposal evaluation and contractor selection process. Despite the challenges caused by the pandemic, the project continues to proceed, albeit on an extended timeline. The primary challenges include the inability for in person meetings to discuss proposals and evaluate key features, such as customer interface and the swap-ability of components to facilitate maintainability. Features such as the functionality of the back-office system are also being evaluated. When the new fareboxes are installed in the CTA fleet (2,000 buses), the fare boxes will be connected "almost real time" to the hosted network management system.



MTC – 511 Support Services

Auriga's staff continue to support the MTC – 511 Program. Auriga's scope of work includes coordinating with Transit Operators for the signups/data and communicating with MTC and other stakeholders. Auriga is also managing the transitdata@511.org communication website. Auriga provides interface and communication with Transit Agencies regarding data issues and provides explanation on the severities of discrepancies. In addition, Auriga's staff work with the TransSight team and Transit Agencies to resolve data discrepancies and other technical problems. This involves analyzing and providing input on major data and system changes. Auriga's support in analyzing data related issues will benefit MTC's data management and online portal.



BART – CWS Transformer Replacement: Design Support Services During Construction

As a sub-contractor to AECOM, Auriga is currently providing design support services during construction for the upgrade of BART Willow Pass Road High Voltage Substation (CWS). The upgrade includes replacement of existing 115/34.5 kV; 25 MVA transformer, protection and control, communications, battery charging system and a new control house. Auriga has completed review of design documents and witness of factory acceptance tests for the 115/34.5 kV; 27/36/45 MVA Primary & Spare Transformers. The transformers are ready for shipment to the BART facility.



SCE – Distribution Engineering Services

As a sub-contractor to Burns & McDonnell, Auriga is providing engineering support for the Distribution Generation Interconnection and the Wildfire Region Conductor Upgrade Scoping project. The Distribution Generation Interconnect project includes performing generation interconnection studies and requirements for SCE under California Public Utility Commission (CPUC) guidelines. The Scoping project includes mitigating wildfire risk by covered conductors and integrating data into the existing SCE distribution network database.



SMUD – Transformer Design Support Services

Auriga continues to provide Transformer Design support services to SMUD for the following projects:



- 224 MVA Auto Transformer
- SMUD Station H, 40 MVA Transformer
- SMUD Station B, 37.5 MVA Transformer.

For the 224 MVA auto transformer, Auriga reviewed bids received from various transformer manufacturers and recommended a successful bidder who met the SMUD requirements and specifications and had the lowest total evaluated cost. SMUD has placed an order for three 224 MVA transformers. For SMUD Station H and B

transformers, Auriga reviewed technical specifications and provided recommendations for improvement of the specifications to SMUD. Auriga team is currently waiting for the bid evaluation results for the purchase of multiple transformers at various SMUD substations.

New Employee Profiles

Rajashri Patil – Human Resources Administrative Assistant

Rajashri Patil joined Auriga on February 1st, 2021 as a Human Resources Administrative Assistant. Rajashri has a Bachelor's degree in Engineering and Information Technology. She is currently pursuing a Human Resources Management and Services Certificate from UC Berkeley. At Auriga, she is engaged in human resources, office administration and proposal development.



Paul Archer – Junior Electrical Engineer

Paul Archer joined Auriga on April 1st, 2021 as a Junior Electrical Engineer. He has a Bachelor's degree in Electrical Engineering with a specialization in Electrical Power Systems from California State University, Northridge. Previously, he interned at Burbank Water and Power (BWP) in the Transmission and Distribution Department, where he supported senior engineers in their work for the City. Currently at Auriga, he provides support for transmission, substation, and distribution services.



Noah Kowalski – Summer Intern

Noah Kowalski joined Auriga on April 12th, 2021 as a Summer Intern. He received a BS in Mechanical Engineering and a Certificate in the Arts of the Moving Image from Duke University. Previously, he was an Engineering intern at Exquadrum Inc. where he provided engineering design support for aerospace and defense projects. Currently at Auriga, he assists in proposal development and general engineering support.

