Technology & Engineering Consulting Services

Summer Edition Monday, July 15, 2019 Auriga Corporation

Ongoing and Completed Projects

BART GEC – Blocking Scheme Phase II Services

Auriga is providing design and engineering services to BART as a sub-contractor to AECOM. Auriga will coordinate with BART Power



Maintenance for Survey Phase II Switching and Sectionalizing substations installation. Auriga conducted onsite surveys and field investigations and is providing the design submittals for contract drawings and contract specifications.

Chicago Transit Authority – Farebox Specifications

Auriga is providing consulting services as a prime contractor for replacing the existing 30 year old fareboxes. Auriga has developed the business case for replacement and the technical



specifications for CTA's Next Generation Farebox System.

Bus Division of Regional Transportation Authority, Illinois – Farebox System Upgrade

Auriga is providing consulting services to PACE for replacement of the existing Farebox Collection. Auriga is developing Pace's technical specifications. PACE's farebox system will be jointly procured with CTA.



San Bernardino County Transit Authority – Fare Policy Impact Analysis



As a sub-contractor to Rail Pros, Auriga is providing consulting services to analyze the impact of the base fare on farebox recovery.

Auriga's scope of work includes bench marking peer commuter rail operators, development of a financial model for farebox recovery, and creation of a technology strategy.

Southern California Edison - Distribution Engineering Services

Auriga is performing Independent Component Analysis work utilizing CYME Power Engineering software for



SCE. Auriga is also providing services for the Integration Capacity Analysis project to evaluate SCE's existing distribution system models in support of requirements set forth in the California Distribution Resource Plan. These services are being provided as a sub-contractor to Burns & McDonnel.

VTA BSV Phase II – Fare Collection System

Auriga is providing Professional Services for the BART Silicon Valley (BSV) Extension Phase II – Program Management Project. As a sub-



contractor to HNTB/PB (WSP) Joint Venture, Auriga has developed the design criteria for the Automated Fare Collection System for the BART extension to San Jose.

SFMTA – As-Needed Specialized Engineering Services

As a Prime Contractor, Auriga has been awarded a new contract for Construction Inspection Support Services for UCSF Platform and Track Improvements Project. The project involves implementation of a



new alignment and tack control system, which will replace the track structure on Third Street to Mission Bay North Street, as well as replacement of tracks, removal of two existing platforms and construction of a center platform.

LA Metro – EBS Support Services

As a Prime Contractor, Auriga has been awarded a new contract to support Metro's Oracle Suite of business systems



(E-Business Suite). This database system is complex and





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requires specialized technical skills and clear understanding of Metro's business processes and architectural configurations at LA Metro Rail.

Metrolink (SCCRA) – IT Technical Support Services

As a Prime Contractor, Auriga has been awarded a task order for a Helpdesk METROLINK.



Technical under Metrolink's IT Technical Support Services contract.

Transportation Commission Metropolitan (MTC) – IT Support Services



Auriga has been awarded a new by Metropolitan contract Transportation Commission on to provide Information Technology

Support Services to MTC for the 511 Program.

SMUD – Engineering Support Services

As a subcontractor to TRC, Inc., Municipal Sacramento Utility District (SMUD) has awarded a new contract to Auriga to provide Engineering Support Services.



This scope of work includes the review of a Pennsylvania Transformer Technology, Inc. (PTTI) transformer (12/16/20 MVA), System Type, and mineral oil, for compliance with SMUD Engineering Specification.

New Contracts Awarded

Caltrain – Microwave Systems Upgrade Project

Auriga is providing of the Work Directive is to upgrade the existing Microwave System to support the IP based Advanced Train Control

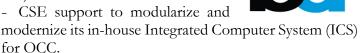


System (ATCS). Caltrain currently utilizes Agency owned digital Microwave System for Rail Operations. The Microwave System provides Radio Communications Network at the Control Center Facility (CCF), San Jose

and the following Radio Based Station sites: San Carlos HQ, Monument Peak and San Bruno Mountain.

BART GEC – Integrated Computer System

As a subcontractor to AECOM., Auriga providing services for 3 Projects:



- CSE support to modularize and modernize its in-house Integrated Computer System (ICS) for Concord Yard's new Control System.
- CSE support to modularize and modernize its in-house Integrated Computer System (ICS) for C59 Switch VHLC Project.

Including, as a subcontractor to HDR, Inc., Auriga providing services for CSE2 Support for ICS Modernization and CBTC Systems Architecture.

New Employee Profiles

Fathi Aljarrah – Field Systems Engineer

Fathi has recently joined Auriga and Electrical Field Engineer for the traction power inspection and blocking scheme. He has is experienced in supervising system subcontractors and electricians. He is also involved in Traction Power Communication System Design as subcontractor for WSP/BART project. Including, Supervising CAD department for AQ/AC, setting project schedule to meet deadline and overseeing progress. AS subcontractor for HNTB project. Fathi is involved in BART GEC-CWS 25 MVA Transformer Replacement.

Renuka Devi Selvaraj – Electrical Engineer



Renuka has recently joined Auriga as a Electrical Engineer. She has a Master's Degree in Electrical Engineering and a background in strong system engineering. Currently, Renuka is providing technical support design

submittals for drawings contract and contract specifications for BART Blocking Scheme project.