

## 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 & McDonnell.

### ***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 track 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



requires specialized technical skills and a 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 Technical under Metrolink's IT Technical Support Services contract.



## ***Metropolitan Transportation Commission (MTC) – IT Support Services***



Auriga has been awarded a new contract by Metropolitan 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., Sacramento Municipal 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 OCC.
- 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 strong background in system engineering. Currently, Renuka is providing technical support design submittals for contract drawings and contract specifications for BART Blocking Scheme project.