

Auriga Corporation

890 Hillview Ct., Suite 130, Milpitas, CA 95035

Quarterly Newsletter, Fall 2010



New Contract Awards

Santa Clara Valley Transportation Authority – Technology General Consulting Services

Auriga has been selected to provide On-Call Technology Consulting Services to Santa Clara Valley Transportation Authority. Auriga has been qualified to provide SAP Support Services, General Programming Services, Distributed User Technical Support, IT Infrastructure Support, Web Development, Intelligent Transportation Systems Support Services, Technology Communication Services and Fare Collection Technology Support.



Metropolitan Transit System (MTS) – Business Systems Review and Needs Assessment

Auriga has been awarded a Business Systems Review and Needs Assessment project by MTS. The objective is to aid MTS in evaluating stakeholder requirements and the feasibility of upgrading its Ellipse EAM from 5.2.3.5 to 6.3.2. The high level objectives of the MTS' efforts are to summarize: lessons learnt from the past for the proposed upgrade to Ellipse 6.3.2.; consolidate into one system, rather than multiple systems; and, move the three MTS districts, MTSC (Corporate), STDC (Transit, also called Bus) and SDTI (Trolley, also called Train) under common system and functionality to improve efficiency. The tasks include: needs assessment, gap analysis between vendor functionality and stakeholder requirements, and feasibility of upgrading the vendor Ellipse system.



City of Lodi – Preliminary Engineering Services

Auriga Corporation has been selected to provide Preliminary Engineering Services to the City of Lodi Electric Utility Department for the new Westside substation. This 60kV/12kV substation will provide additional capacity to the City on the Westside of the Town. The scope of work for the project includes: A Soil Resistivity Study and Geotechnical Exploration of the site, Ground Grid Design, A Ground Potential Rise Study, Preliminary Substation Layout and Design, and Design of Block wall, fences and access roads. Joining Auriga for this project are sub-consultants: Ninyo and Moore (Soil Resistivity Testing and Geotechnical Exploration), Baumbach and Piazza (Civil Engineering and Landscape Design), and Lycole XIT (Ground Potential Rise Study).



NAVFAC Hawaii – Procurement of a Consolidated SCADA System

Auriga, as a subcontractor to HHMI, has been awarded a contract by NAVFAC Hawaii to upgrade the US Navy electrical SCADA system at Pearl Harbor. The new SCADA system will replace and consolidate two existing SCADA systems (Transdyne and Wonderware). Only SCADA master station is to be upgraded. The telecommunication infrastructure and the field equipment (i.e. RTU's) will either be retained or will be provided separately.



Central Subway – Third Street Light Rail Project Phase 2

Auriga (as a subcontractor to HNTB/B&C Team) has been awarded a contract by SFMTA to assist in the design of Central Subway SCADA system and Radio Communications. The primary purpose of this project is to accommodate existing and future transit ridership in the corridor with greater reliability, comfort & speed.



Connecting people. Connecting communities.

Projects Completed

Sacramento Municipal Utility District – DCNs Carmichael and Orangevale Substations

Auriga completed Design Change Notice (DCN) project for the upgrade of 230 kV Carmichael and Orangevale substations for the Sacramento Municipal Utility District. The Project consisted of preparing design change and AutoCAD drawings for the upgrade of these substations. The Auriga team reviewed and prepared new designs, preliminary and final drawings for panel upgrades, new cabling and connections. The project was on a very tight schedule and timeline to meet SMUD's requirements to procure, install and complete the upgrade to the substations. The Auriga team prepared and submitted over 225 AutoCAD drawings for the Project. Congratulations to Krishna Shah, Athar Taha, Sapan Vyas and Ahmad Fawad for successful completion of the project.



LA Metro – Website Architecture Assessment

Auriga successfully assisted LA Metro in March and April of 2010 by providing an independent assessment of the architecture of their new and enhanced web service. LA Metro staff had built the new web service using the latest open source Web 2.0+ software. Auriga provided assessment and expertise in Python/Django, web architecture, infrastructure and security. Auriga was able to verify the adequacy of LA Metro's new website and supporting hardware and network for meeting functional and performance requirements. Furthermore, Auriga identified a number of improvements to software coding, administration and security for further improving service capabilities. The assessment helped LA Metro determine that the website was ready for operational use and facilitated improvements and ongoing technical support by their Communications and IT Departments.



Recreation

Annual Company Picnic, Milpitas – Aug 22nd, 2010

Auriga Corporation had its annual company picnic at the Dixon Landing Park in Milpitas. The event was extremely successful, bringing together internal employees, external consultants and their family members on a great picnic day. A special thanks to Mariel Tejada for organizing this event and taking care of all the food and recreational activities.



New Employees

Thuylinh Nguyen

Thuylinh has joined Auriga Corporation as an AutoCAD Engineer. She brings in her expertise in electrical and mechanical drafting, and AutoCAD design. She has extensive knowledge and aptitude in technical design. She also has good team management, interpersonal, analytical, and organizational skills. Thuylinh is currently assigned to the Central Subway project as an AutoCAD Design Engineer for Phase 2 of the Third Street Light Rail. Outside of the office, she enjoys Camping, Sightseeing, and Hiking.

