ENGINEERING DOCUMENT PACKAGE HELPS TO COMPLETE A POWER DISTRIBUTION UPGRADE PROJECT

SITUATION:

A program manager in the electrical distribution utilities industry needed to complete design plans for electrical transformer upgrades at 22 power distribution center sites.

CRITICAL ISSUE:

The installation schedule was 5 months away and drawings for contract bids were required in phase from 3-4 months. The client did not have adequate inside resources to complete this work on schedule.

REASONS:

High installation upgrade plans due to past summer power outages exceeded the resources available to do the engineering work. The installation work could not be rescheduled.

VISION:

Sterling Engineering Inc. proposed to complete the preliminary engineering work for the sites within the time schedule required. The scope of work was broken down for each site to prepare an accurate proposal. Project management was key to the success of this project.

PROVIDED:

After an initial kickoff meeting with the client and receipt of the installation plans, Sterling generated a project schedule. The Chicago Suburban sites needed to be visited. The visits were scheduled by location – four or five per day. Site design and layout work began the day following each site visit. Project resources were evaluated daily.

Project management maintained daily communication with the client, and composed project team members. This generated timely flow of project information and deliverables.

RESULT:

Dedication to the project guidelines required overtime commitment, this was done within budget constraints. Project was completed with all of the client's objectives met.

SEI PROJECT #:

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