

Owner's Engineer

- Support the development of:
 - Real estate plan
 - Permitting plan
 - Environmental plan
 - Construction plan
 - Commissioning plan
 - Engineering plan and schedule
 - Quality plan
- Manage the progress of the detailed engineering development, tracking the schedule and cost to assure it meets the project plan.
- Provide technical evaluation of change orders.
- Serve as the primary technical interface between the company and detailed engineering firm.
- Provide technical direction/input to design change requests.
- Perform RFP technical evaluation of engineering, major equipment, and construction RFP's.

Design & Drafting

- Physical Design
- Civil/Structural Design
- Protection & Control Design
- Bill of Materials (BOM)
- Field verification
- As-built/Closeout drawings

Analysis Tools

- Short-Circuit ASPEN
 - EasyPower
 - ETAP
 - SKM
 - CAPE
 - Transients
 - EMTP/ATP
 - PSCAD
- T&D Conceptual Design – FERC Order 1000
 - Energy Velocity Suite
 - Google Earth

Project Planning

End-to-end project development

Technical Reviews

Change order evaluation

FERC Order 1000

Transmission planning solutions

