

# EMPOWER GRID

Celerity Electric Estimating services empower clients by mitigating risk, optimizing assets and minimizing costs



## ELECTRIC ESTIMATING SERVICES

### ELECTRIC ESTIMATING EXPERTISE

Celerity's Electric Estimating Services empower clients via a potent blend of analysis, strategy and execution expertise to help public utility organizations convert complex data into precision intelligence to mitigate risk, optimize assets and maximize project results.

Blending extensive client experience with deep vendor-side acumen, Celerity Electric Estimating engineers help clients optimize pole replacements, system hardening (overhead and underground reconductoring and improvements to system reliability equipment), system capacity projects (overhead / underground) and overhead to underground conversions.

Leveraging proven tools, technology and design standards in concert with specific client data / needs, Celerity Electric Estimating engineers perform critical field assessments / calculations, architect clear construction blueprints, create accurate materials lists, define crew job instructions and provide cost-effective project estimates to exceed client expectations.

### POLE REPLACEMENT DESIGN

Post work definitions, Celerity engineers conduct detailed field site assessments to frame job estimates / costs comprised of pole replacements, sketches and documentation illustrating circuit changes and new equipment operating numbers for client system operation teams.

### SYSTEM HARDENING / RELIABILITY DESIGN

Post field analysis, Celerity engineers perform critical pole loading safety calculations, develop construction drawings, inventory facilities being removed, installed, transferred or abandoned, initiate 3rd party utility partners as needed, provide detailed material lists and communicate crew job instructions.

### CAPACITY / OTHER RECONDUCTORING PROJECTS

Pending needs, Celerity engineers can conduct extended circuit (overhead or underground), alternate energy source and / or underground cable pulling tension assessments to determine specific project specifications, timelines and cost estimates for performing the work.

### OVERHEAD-TO-UNDERGROUND CONVERSIONS

If overhead to underground conversions are needed, Celerity engineers will collaborate on or offsite with designated land personnel, permit agents and construction project managers to devise 30/60/90% milestone designs, field assessments, trench section diagrams, civil drawings and other documentation.

### FIELD DATA COLLECTION

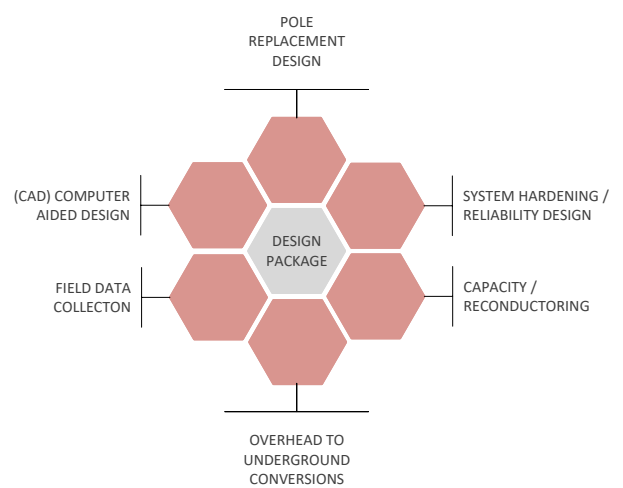
Celerity engineers are equipped with tools, tenure and expertise to capture existing / as-is job site photos, electric asset heights, pole contact participants, vegetation management remediation, equipment needs and required permits to perform and record the required field work to specification.

### COMPUTER-AIDED DESIGN (CADD)

Based upon specific job requirements, Celerity engineers are fluent CADD practitioners (multiple software applications) skilled at utilizing and adapting client templates, ribbons and symbology to optimize and execute job assignments in conjunction with client constituents.

### DESIGN PACKAGE DEVELOPMENT

Pending specific client design package and partner requirements, Celerity engineers can collaborate with internal and / or external strategic partners to mutually construct financial, operation, construction and mapping design packages aligned with corporate needs and expectations.



### WHY CELERITY ELECTRIC ESTIMATING?

- 200+ collective years electric estimating experience
- Quality field checking packages / documentation
- Efficient, quality designs with top decile performance
- Minimum of (2) quality control measures performed
- Dedicated field project management / leadership
- Acute listening, communication and collaboration
- Deep utility client and vendor side experience
- Relentless grit to make projects happen
- Ongoing review of quality / productivity metrics

### ABOUT CELERITY

Celerity is an agile risk optimization company that helps public utility organizations convert complex data into clear, actionable intelligence to mitigate risk, optimize assets and maximize project results. Blending extensive client experience with deep vendor-side acumen, Celerity energy engineers orchestrate precision data analysis, strategic consulting and project management services to solve complex energy challenges via acute listening, proactive thinking and relentless grit.

Based in Walnut Creek, CA with remote offices nationwide, Celerity energy engineers perform a critical, leadership role as strategic liaison between data, assets and the teams that make projects happen in the field.

### ENGAGE

To learn more about Celerity Electric Estimating services, team and approach, contact John DeKorte at 805.400.5276, [jdekorte@consultcelerity.com](mailto:jdekorte@consultcelerity.com) or <https://www.consultcelerity.com/electric-gas-utilities-consulting/estimating/electric/>.