

INTRINSIC ENGINEERING INCORPORATED

ELECTRICAL ENGINEERING CONSULTING DEVELOPMENT CONSTRUCTION MANAGEMENT

Intrinsic Engineering Inc. (IE) is a certified Small Business Enterprise (SBE) by the State of California and specializes in Ports & Marine, and Heavy Industrial electrical systems projects. We offer specialized support or a complete turnkey approach for large and small projects alike. Our approach is always the same:

- Be responsive.
- Be professional.
- Be practical.
- Deliver on our commitments.

IE's range of experience includes electrical planning; studies special and assessments; code/condition design, bid, and construction services, phase system commissioning, and as-built document preparation. IE has project extensive related coordination experience with SCE & LADWP and numerous other utility providers and has a solid project permitting background numerous Engineering and agencies. design experience includes code applications including National & California Electric Code (NEC & CEC), National and California Building Code (NBC & CBC) and National Fire Protection Association (NFPA) Standards.





Practical



Nothing great was ever achieved without enthusiasm.

Ralph Waldo Emerson

Responsive

For more information, contact

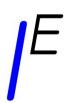
Deliver

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Statement of Qualifications

Engineering Analysis

We have performed Engineering Analysis for several types of projects including:

- Load Flow
- Short Circuit Studies
- Relay Coordination
- Arc-Flash Studies
- Voltage Drop
- Interior & Exterior Lighting Calculations
- Infrastructure Sizing and Evaluation
- Evaluate Pre-Existing Utility Infrastructure
- Evaluate Pre-Existing Site Specific Construction Logistics and Conditions

Permitting

We have assisted in the development of numerous types of permit application services in numerous jurisdictions including:

- Environmental Impact Reports (EIRs)
- Conditional Use Permits (CUPs)
- Building, Safety & Fire Permits (B&S)
- California Environmental Quality Act (CEQA)

Full Service Engineering and Design

We have performed Full Service Engineering and Design for several types of projects including:

- APM Terminals P400, POLA Overhead conductor bar installation and RTG electrification
- Port of Oakland Shore to Ship Electrification (Cold Ironing)
- Los Angeles Grain Terminal LADWP service and facility electrical design
- California Steel Industries -Rolling Pipe Mill installation
- Gerdau Steel Industries Slag
 Processing Facility installation

Construction Support

We have provided Construction Support for each project performed in-house. This effort has included standard review of RFI's, change requests, construction observation, shop drawing review and as-built documentation.