



# Glacier Services, Inc.

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Date : January 16, 2012  
Position Title : Electrical Engineer  
Location : Anchorage

## **Main Function:**

Provide electrical engineering support to all phases of capital project design and execution. Serve as the point of contact for engineering contractors, fabricators, and vendors for electrical design. Provide engineering support for North Slope operations and maintenance activities.

## **Key Roles & Responsibilities:**

- Involved in maintaining and applying design criteria and specifications.
- Involved in applying industry recognized standards.
- Leads the development of each project's electrical basis of design including studies of existing electrical infrastructure capacities.
- Reviews design deliverables and monitor the performance of the design contractor's electrical design teams.
- Coordinate electrical interface with other engineering disciplines.
- Participates in the project risk management process.
- Participates in process hazard analysis and safeguard evaluations.
- Participates in the development of operation, maintenance, and start-up philosophies.
- Participates in P&ID and electrical and control systems drawing reviews.
- Assists in evaluation of proposals for major equipment.
- Reviews electrical input to bid documents, and vendor submittals.
- Assists in factory acceptance testing and field inspections.
- Interface with North Slope based engineering and maintenance personnel.
- Participates on start-up team.
- Helps prepare quality assurance/quality control programs and plans.
- Participates in evaluation of quotes for major equipment.
- Assists in field inspections and flow sheet checkout.

## **Qualifications:**

### **Required Skills/Competencies and Certifications**

- BS in engineering from a nationally accredited college.
- 7+ years' experience in electrical design in oil/gas, power, or petrochemical industries.
- Must be willing to work a work Mon-Fri with occasional trips to the North Slope and remote work locations for design support or commissioning/start-up activities.
- Must be willing to take visits to engineering contractor offices or fabrication sites outside of Alaska for 1 – 2 weeks at a time.

### **Desired Skills/Competencies and Certifications**

- Previous North Slope or arctic experience.
- Experience in power distribution, lighting, grounding, and heat trace systems.
- Willing to re-locate for assignments to engineering contractor offices outside of Alaska.
- State of Alaska PE license.