

Selas Fluid Processing Corporation Job Specification

Job Title:	Project Engineer
Reports to:	Manager Revamps
Last Updated:	September 2008

Position Summary

- Responsible for efficient, cost effective and acceptable design of mechanical and structural components as defined by proposal, client purchase order, and governing codes and standards including detailed design calculations.
- Prepare estimates for proposals.
- Responsible for completion of project tasks in a quality manner, within budget and on schedule. Responsibilities include developing and controlling project schedules, work assignments and manpower expenditures and acting as the primary interface with the client, contractor, client's engineer, suppliers and Selas Fluid.

Key Areas of Responsibility

- Review and evaluate proposal design information for estimating purposes.
- Review finalized summaries for accuracy, completeness and compliance to proposal scope.
- In addition to being responsible for overall project execution, he/she is responsible for manpower and cost forecasting and control as well as coordinating efforts of team assigned to the project.
- Other responsibilities include preparing purchase requisitions, negotiating change orders and backcharges, coordinating field services, inspection and shop testing, and facilitating a successful project closeout.
- Also, the work may include, but is not limited to: equipment orientation and location, application of fans, pumps, turbines, boilers, steam drums, air heaters, sootblowers, burners, air pollution control equipment, calculation of pressure part thickness(s), tube support design, and burner piping, etc.

Required Skills

- Proficient computer skills
- Good analytical skills
- Good communication skills both written and verbal
- Good interpersonal skills

Education/Experience

- Bachelor's Degree in Engineering
- 3-5 years experience designing fired heaters and furnaces