

Senior Systems Engineer

Job description

Description:

A successful candidate is expected to carry out following responsibilities.

- Line responsibility for Application engineers, Application Engineering team when performing project lead role.
- Totally responsible for the engineering of large-scale/technically complex systems projects.
- Review related industry engineering estimates to assist the Engineering Manager in assessing “best in class” practice and procedure.

All aspects of application engineering, including and not limited to:

- DCS/ ESD/ F&G Systems specification, design, implementation and review for in-house and 3rd party

Equipment.

- Work package identification, estimation & planning.
- Validation of system design and architecture, appreciation of the application software
- Structure, verification of configuration specification, hardware specification, processor and marshaling cabinet layout and system interface to the field.
- Technical compliance to customers specification
- Technical co-ordination of client factory/site acceptance tests.
- Ensure compliance with technical engineering processes and that deliverables adhere to quality standards.
- Ensure all relevant technical information is communicated to all relevant parties. Schedule, attend and document meetings as appropriate.
- Plan, coordinate and supervise the configuration and programming of equipment to meet the project specifications on large projects.
- Provide technical support to sales for scope estimation when required.
- Assist when necessary in the development or upgrading of internal engineering or department procedures
- Support Project Managers and Sales in developing detailed engineering estimates and scoping deliverables for change orders.
- Partner with the Project Manager to finalize project plan and facilitate project kick-off meeting with the customer.
- Provide oversight and thought leadership in designing the solution.
- Coordinate and/or participate in on-site engineering, start-up and application commissioning.

- Identify project risk factors and put in place plans and actions to mitigate them.
- Serve as a key contact with the customer, including managing customer expectations and resolving technical issues to ensure smooth delivery of the solution.
- Improve project margins by actively controlling costs, efficient engineering and minimizing re-work.

Desired Skills and Experience

KNOWLEDGE

A seasoned, experienced professional with a full understanding of DCS/ ESD/ F&G Systems; resolves a wide range of issues in creative ways.

JOB COMPLEXITY

Works on problems of diverse scope where analysis of data requires evaluation of identifiable factors. Demonstrates good judgment in selecting methods and techniques for obtaining solutions. Networks with senior internal and external personnel in own area of expertise.

SUPERVISION

Normally receives little instruction on day-to-day work, general instructions on new assignments. Determines and develops approach to solutions. May function as project lead or supervise/mentor other personnel.

EXPERIENCE

Typically requires a minimum of 6-10 years of DCS/ ESD/ F&G Systems experience.

Interested Candidates:

Please send your CV and cover letter to hani.tawfik@entrag.com