

Senior Telecom Engineer (Consultant)- JB Based

Are you an experienced Senior Telecom Engineer ready to leave your mark on the global energy industry?

Join our Technology Solutions team in Johor Bahru, Malaysia! As a leading Telecom System Integrator (TSI) with 40 years of experience in EPCI communication and IT solutions for Oil & Gas, we offer you the chance to join a dedicated Project Engineering department where your work truly makes a difference.

This position is a full-time consultancy role. You will be officially employed by Brunel and work as part of their strong, long-term collaboration with Semco Maritime.

The role is based at the Johor Bahru office, which is conveniently located near the Tuas Checkpoint, making it highly accessible for regional commuters. You will be fully integrated into the Semco Maritime Technology Solutions team. Please note that we are only able to consider local Malaysian candidates for this position, as we are unable to provide work pass or visa sponsorship at this time.

Professionals are responsible for identifying, analysing, and relating business demands. Your responsibilities include aligning priorities, planning and actions to the overall business objectives. And involve business stakeholders. You will share and communicate knowledge and innovation. You have knowledge of the fundamentals of the Semco business model and the value chain.

Assist the Project Manager in smooth running and implementation of the project

Main tasks/areas of responsibility:

- Design of telecommunication system (Radio Communication System, Security System, Navigation Aids, Wired Communication)
- Preparation of drawings
- Preparation of specifications for procurement of equipment
- Develop detailed system design with diagrams and schematics.
- Selection of telecom equipment
- Develop bulk material listings
- Provide input for preparation of selected reports, weight, equipment list, function and fabrication / installation
- Coordination with other disciplines
- Professional responsibility

Main principal duties:

- Participate in all engineering phases:
- Feasibility
- Concept
- Feed
- Detailed
- Understand and interpret requirements from customers and authorities.
- Clarify design certification with customers and 3rd party.

Minor tasks/areas of responsibility:

- Participation in customer visits and –contact
- Participation in technical project meetings

System Knowledge (Must have experience in at least one of the following categories):

1. **Radio Communication Systems:** GMDSS, Microwave Radio, SCADA Radio, Trunked Radio, Crane Radio, Radio Dispatch, Satellite Phone
2. **Security Systems:** Access Control, CCTV, Intrusion Detection, PABX (VoIP), Person On Board (POB)
3. **Navigation Aids:** Radar, ECDIS, Auto Pilot, AIS, DGPS, LRIT, Compass, Echo Sounder, Speed Log, VDR, Navigation & Obstruction Lights, RACON, Fog Horn, BNWAS, VSAT, Entertainment System, EMS
4. **Wired Communication:** PAGA, Page Party, Talk Back, Smart Series, Driller, PABX (Analog), Sound-Powered Phone System

We are looking for individuals with the following qualifications and experience:

Education: Bachelor's Degree in Telecommunications, Electrical & Electronics Engineering, Computer Engineering, or IT is required

Personal Qualities:

Prefer experience in relevant industry such as oil & gas, marine, shipyard, petrochemical, power

plant is a MUST

Become an energy pioneer

We conduct our interviews on an ongoing basis, so if you are interested, please submit your application as soon as possible via the link on the page.

If you have any questions, you are more than welcome to contact Hazel Ting, hting@semcomaritime.com

Let's drive change together. Apply today to leave your mark on the global energy industry.

We cannot wait to hear from you!