



TALENT ACQUISITION REQUEST	
Position	Head Communication and Control Engineer (C & CE)
No of positions	1
Department	Communication and Control Engineering
Work Location	India/ Japan or at Project sites as per need.

1.	Reporting to	Manager – Digital Solution Group
2.	Preferred Age	~ 40 Years
3.	Educational Qualification	B.E. / B.TECH in Electronics and Telecommunication Engineering/IT
4	Type of job	Permanent
5.	Experience	15 + Years in the following fields (1) Communication system, SCADA, IOT and information technology including AI (2) Proven working experience in system integration project (Mandatory) (3) Experience in managing large scale of engineering / project taskforce (Preferable) (4) In-depth knowledge in cutting edge technology, such as Artificial Intelligence, IoT (internet of things), Digital Radio (Preferable) (5) Experience in proposing digital solution of any kind (Preferable) (6) Experience in designing of mission critical control system such as signaling system (Preferable) (7) Experience in handling quality assurance issue (Preferable)
6	Job Description 1) Role and assignment <ul style="list-style-type: none">• General management of the C&CE Department• Leading staffs working under the Department, in project planning, project implementation and system solution provisioning.• Recruit engineering staffs and/or outsourcing work packages taking into account of the project environment, work load and the Department resource management• Supervise engineering work performance and give necessary advice and instructions to the Department staffs.	

- Control stakeholders including EPC subcontractors, equipment vendors and business partners
- Co-ordination with project organization and engineering departments including MHIENG Yokohama office.

2) Role of the department

- Implement EPC activities including cost estimation and evaluation work for the project dealing with industrial plant, social / industrial infrastructure etc.
- System integration engineering in the fields of communication, system control and information technology
- Providing digital solution for the O&M service and the new business development Field of technology

3) C&CE project (Transportation System)

- Integrated SCADA system in the operation control center
- Integrated communication console system in the operation control center
- Mission critical control system (Signaling system)
- General purpose communication network infrastructure (ex. Gigabit Ethernet) including digital radio (ex. Wifi, Tetra)
- General / specific purpose communication systems. (Public Address, CCTV, Passenger Information System & Services, Digital Signage, Voice Communication System, etc.

4) Type of EPC activities

- Documentation and drawing for all kinds including technical proposal, design specification, study and analysis reports, meeting notes, test and commissioning procedures.
- Design review of all kinds including ones provided by subcontractors, equipment vendors.
- EPC planning, scheduling and progress control
- System requirement management including verification and validation
- Interface control and system integration
- Editing O&M manual