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| **Job description** |
| **Tite** |
| **Power Plant Equipment and System Engineer** |
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| **Location: Shanghai, Beijing** |
| **Descrption** |
| Work together with the team to develop new technology and applications for power plant equipment and system |
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| **Responsibilities/Tasks** |
| **1** | Develop reference plant concept of combine cycle power plant  |
| **2** | Able to interact with customers and translate customer’s requirements into actionable items for engineering |
| **3** | Manage the development of the critical proposal documents including SOS/DOR, Plant Design Basis, etc., Review construction bid packages, and EPC related proposal costs |
| **4** | Participate in technical negotiation/scope/design meetings with design institutes, customers and internal engineering organization and group, coordinate with other interfaces as needed |
| **5** | Developing historical data base for negotiation(types, options, costs) |
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| **Requirements:** |
| **1** | 5 years+ of progressive experience related to power plant design, engineering or construction |
| **2** | Solid knowledge of gas turbines, steam turbines and generators, available options, auxiliary systems and their applicability in simple cycle and combined cycle plants |
| **3** | Knowledgeable in the scope of supply and design of simple cycle and combined cycle power plants with various configurations (1X1, 2x1, combined cycle conversions, etc). This includes experience in one of the following:- Balance of Plant (BOP) equipment designs- HRGSs, boiler feed water pumps, condensate pumps, heat exchangers- Steam turbine- Steam turbine- Generator |
| **4** | Possess a thorough knowledge of industry standards and mechanical engineering design principles |
| **5** | Familiarity with the Technical LOA process is a plus |
| **6** | Demonstrated ability to work within teams - conceptualize and socialize ideas, make recommendations and facilitate team consensus to move forward |
| **7** | Chinese and English language skills are essential. Fluent English in reading and writing. Presentation skills are highly desirable |
| **8** | Strong interpersonal skills to work with multi-cultural colleagues, customers, industry experts, and university associates |
| **9** | Good teamwork, ownership and results oriented |
| **10** | Bachelor degree or above in Mechanical Engineering, Thermal Engineering, or Aeronautical Engineering |