**JOB DESCRIPTION**

**1. PURPOSE OF THE JOB:**

**Job Context:**

**Challenges:**

**2, DETAILS OF THE JOB:**

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| --- | --- | --- | --- |
| **Designation & Job :** | Manager – Design & Engineering | **Level :** | 11 |
| **Business Unit :** | LSI | **Function :** |  |
| **Country:** | India | **Work Location :** | G. Noida |
| **Reporting Manager:** |  | **Manager’s Manager** |  |
| **Matrix Manager:** |  | **Team Size :** |  |
|  |  | **Direct Reportees :** |  |

**3, KEY ACCOUNTABILITIES:**

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| --- | --- |
| **Accountabilities Scope of work** | |
|  | Candidate Should have exposure to basic engineering and detailed engineering functions.  Preparation of PFD, P&ID,  Layout of plant and utilities.  Process safety and vent abatement system design.  Developing operation logic  Pump and piping Hydraulic calculations  Utility requirements  Heat and Mass Balance of process.  Equipment sizing/ specifying  Preparing equipment process data sheet  Estimation of relief loads / safety valve sizing  HAZOP/ HAZARD analysis  Preparation of technical evaluation bid of equipment  Project scheduling on MS office/Primavera.  Project cost / schedule estimation |
|  |  |

**4, KEY INTERFACES**

|  |  |
| --- | --- |
| **External Interfaces** | **Internal Interfaces** |
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**5, EDUCATION & EXPERIENCE**

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| --- | --- |
| **Education**  (Highest ) with  Target Institute(s) | BTech - Chemical |
| **Experience Range** | 8 to 12 yrs |
| **Desirable experience :** | Chemical Industry |

**6, SKILLS REQUIRED :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Skills** | | **Description** | **Proficiency Level**  *(General Awareness; Working Knowledge; Functional Expert, Mastery )* |
| **Functional Skills** | | Operation and commissioning of plants on DCS based automation environment will be an added advantage  Preferences will be given to candidates having on hand experience on process simulation software such as Aspen -HYSIS, CHEMCAD, etc. |  |
| **Behavioral Skills** | | Should have good communication skill and Presentation skill. |  |
| \*\* **General Awareness**: Knows the fundamental concepts;   **Working Knowledge**: Has broad job knowledge; knows and applies the full range of concepts and practices. candidate can be hired without it  **Functional Expert:** Recognized expert in the field.   **Mastery :** Candidate will be rejected without it | | |