



## ENGINEERING SERVICES

..... specifically to focus on delivering **value added cost effective engineering solutions .....**

- AUDEX's engineering services, main focus is to deliver appropriate, cost-effective engineering solutions in the areas of conceptual design, detailed engineering design and project management.
- Our engineering scope covers a wide spectrum of disciplines, which includes process, civil, mechanical, piping, electrical & instrumentation and tankage engineering. This technical expertise is further augmented by our own design house in Chengdu, China.
- At the conceptual design phase, we will establish the project definition for engineering, procurement and construction requirements, including a detailed project cost estimate and schedule. This will be followed by front end engineering design and detailed engineering design, covering process, civil, mechanical, electrical & instrumentation, structural and piping.
- With state-of-the-art engineering software such as X-Steel, Spoolgen, AVEVA PDMS etc, we are able to generate 3-dimensional drawings, detailed pipe routing and design modeling. Each design will be carefully checked to ensure operability and safety using proven risk assessment tools such as HAZOP analysis.
- Part of project management services could extend to procurement, where we will work with you on vendor pre-qualification, tender & evaluation, procurement and inspection & management of materials.
- Our proprietary EIS (Executive Information System) and PECm (Procurement, Engineering & Construction management) software platforms integrate information from multiple databases and will allow you secured access to monitor the performance of your project in terms of scheduling, budgeting, productivity and SHE.