



TO WHOM IT MAY CONCERN

Dear Sirs,

We are please to appoint M/s Theia New Consultancy LLP, India as our authorized representative in the region of Saudi Arabia, UAE and Bahrain to book orders on our behalf.

Our services as per enclosed annexure.

Thank you for your kind of attention and great cooperation.

Yours sincerely

PT. Bina Rekacipta Utama



Andang Sentanu
Chief Executive Officer



Services

1. Engineering Services utilizing latest software and inclusive but not limited to
 - a. Front End Engineering Design
 - b. Pre FEED and Field Development Planning
 - c. Detailed Design in
 - i. Civil (Based on client soil investigation & topography report
 - A. Foundation design & Layout as per prevailing international/client specs; in concrete and PCC.
 - B. Shuttering & Formwork layout
 - C. Column & Beam Calculation in Building
 - ii. Pipeline & Piping (As per ASME B - 31.1 Power Piping; 31.3 Process Piping 31.4 Pipeline Transportation for Liquids, 31.8 Gas Transmission & Distribution Piping & 31.11 Slurry Transport System)
 - A. 3 D Modelling
 - B. Routing & Layouts
 - C. Stress Analysis
 - D. P& ID and PFD (released for Construction)
 - E. Detail Drawings
 - iii. Mechanical
 - A. Equipment Data Sheet
 - B. Design of Static Equipment like Pressure Vessels, Heat Exchangers etc
 - C. Design of Rotating Equipment like Pumps, Compressor etc
 - D. Design Validation
 - iv. Structural
 - v. Electrical
 - A. Sizing, Rating and type of Transformers, motors, HV & LV Switch gears and electric cables
 - B. Single/One Line Diagram
 - C. Lighting Layout
 - D. Earthing Layout
 - E. Overall Cable Routing Layout
 - F. Cable Tray Arrangement & Support Details
 - G. Design Validation
 - vi. Controls and Instrumentation
 - A. Developing Control loops based on Approved Control Philosophy
 - B. ILD
 - C. Instrument cable layout
 - D. Instrument Cable Tray layout