



FOURS EPCM PRIVATE LIMITED

**Integrated Support Services in
Offshore - Onshore - Renewables**

An ISO 9001 : 2015 Certified Company



www.foursepcm.com



Introduction

FOURS EPCM is an engineering consultancy established by a team of professionals with vast and versatile experience in offshore and onshore sectors, including refineries, petrochemical plants, process plants, and power plants.

Key Management :-

Tajmul Hussain MP – Managing Director, a Mechanical Engineer with 45+ years of experience in Offshore and Onshore sectors with EPC companies including McDermott, Petrofac, and Swiber.



Our Values



Vision

To be Leader in Engineering Consultancy and Project Management Services for the Chemical Process industry at large and the oil and gas sector, in particular.



Mission

To provide timely response to meet the critical demands of the industry and ensure a proper delivery solution by adhering to industry best standard practices and quality system.



Quality Policy

FOURS EPCM aims to be a very reliable leading edge Project Management & Engineering Services provider in the industry globally by providing consulting services and high-quality engineering solutions to EPCM projects.

Achievement of this policy involves all staff, who are individually responsible for the quality of their work, resulting in a continually improving working environment.

Capabilities



A group of professionals with several decades of global experience working with major oil and gas contractors, possessing the know-how and expertise in offshore and onshore oil and gas business for EPCI projects in the areas of:

- **Strategy**
- **Project Management**
- **Project Development**
- **Project Execution**
- **Engineering and Procurement**
- **Fabrication & Installation**
- **Construction Support**



Services Offered



Engineering (Offshore & Onshore):

Proposal Feasibility / Pre-Bid Engineering / Bid Support Services/ Detailed Engineering / Project Management and Safety Studies

Project / Construction Management Services:

Perform PMC role with a team of professionals tailored to the needs of a project - project management, construction management, hook-up & pre-commissioning, commissioning & start-up

Procurement & Logistics Services:

Preparation of RFQ / Procurement Management / Sourcing / Perform Technical and Commercial Bid Evaluation // Vendor Management / Expediting / Compile Vendor Data Manuals

Fabrication / Construction:

Manufacturing of Equipment to Process Industries/ Installation/ Site Fabrication // Field Engineering // Construction Management // Third-Party Inspection Services with Certified Inspector.

Pre-Commissioning / Commissioning:

Development of Pre-Commissioning / Commissioning / Standard Operating Procedures / Plant Operating Manual // Operation & Maintenance Procedures

Computerized Material Management System:

Material Maintenance Management System (MMMS) / Asset & Maintenance Management / Material & Warehouse Management // Completions Management

Laser Scanning & 3 D Modelling:

Laser Scanning, 3D Modelling and Digitization.

Procurement & Logistics Services:

Preparation of RFQ / Procurement Management / Sourcing / Perform Technical and Commercial Bid Evaluation // Vendor Management / Expediting / Compile Vendor Data Manuals

Engineering Services Offered



- **Process** : Process Engineering including Steady state & Dynamic simulation / Transient Analysis. Hydraulic / Surge analysis.
- **HSE** : Safety studies in Loss Prevention / HSE reports / Fire protection system design
- **Mechanical** : Specification & Data sheet preparation of Mechanical Static, Rotating equipment & Packages.
- **Piping** : Piping layouts / Piping detail drawings and MTO. Stress Analysis and 3D Modelling.
- **Pipeline** : Survey, Subsea Pipeline engineering /Alignment sheets details / Pipeline Stress Analysis and Wall thickness calculation.
- **Civil / Structural** : Civil & Structural detailing including Survey, Architectural design, Structural analysis for Onshore and Offshore facilities. 3D Modelling & Tekla detailing for fabrication drawings.
- **Electrical** : Power system studies / Preparation of SLD / Electrical equipment design / Specification & data sheets / Electrical layout drawings.
- **Instrumentation & Telecom** : Control system Specification & data sheets for process & utility instruments/ instrument data base in INTOOLS / Telcom architecture engineering / Specification & data sheets.

ENGINEERING EXPERIENCE

Track Record – Projects & Proposals



S.No	Client	Projects
1	Kothari Petrochemicals Limited	<ul style="list-style-type: none"> a) Detail Engineering of additional wash vessels and LPG / Polymer recovery system & HAZOP study. b) Detailed Engineering Study for Cooling Water Network in Plant 1 & 2. c) Feasibility study – Laser scanning & 3D modelling. d) Detailed Engineering for Underground System, separate Cooling Water Inlet and Outlet lines for feed preparation condensers.
2	Sterling Technical	<ul style="list-style-type: none"> a) Development of Installation Procedure for Jacket and Deck (2 Nos Each) for Offshore Structures.
S.No	Client	Proposals
1	CCPL	Bid Support for fabrication of smart platforms for an offshore field development.
2	Drill Tech	Bid Support for oil and gas facilities including H2S removal package, Yemen project.
3	Afcons Infrastructure Ltd.	Bid Support for transport and installation engineering of 2nd berth at GCPL marine facility, Dahej.
4	L&T	<ul style="list-style-type: none"> a) Bid Support for demolition engineering of Am Crude Platform Upgradation, Saudi Arabia. b) Bid Support for Installation Engineering Services for Jackets, Topsides and Pipelines, Saudi Project.
5	Asian Engineering Services	Bid Support to Carryout Project Management and Consultancy services for SURF Installation and Sub-sea activities Project, India.
6	Profectus	<ul style="list-style-type: none"> a) Bid Support for Dispersion analysis and sizing of Chimney for Tail Gas combustion furnace Sulfur Recovery Plant, Kazakhstan. b) Procurement Services for Field Instruments, Bulk items : Pipes / Fittings and Instrumentation Cables / Fittings for Projects at Kazakhstan.
7	Kothari Petrochemicals Limited	Feasibility Study for LPG Loading and Unloading Gantry Facilities, Kothari Petrochemical Plant, India.

Key Customers



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Thank you!