

Sr. No.	Projects	Details	Country	Year of Execution	Remarks
1	AL Rumaitha Oil Tranfer Lines Transient Analysis	Description: OLGA Flow Assurance Transient Study Details: Pipeline transient analysis study for the transfer lines been identified as a part of Rumaitha project P5 Facilities Development – Off plot Scope.	UAE	May 2024~95% Completed	
2	Al Rumaitha CO2 Expansion Supply Pipelines Transient Analysis	Description: OLGA Flow Assurance Transient Study Details: 16" CO2 Supply Pipeline from Bab CO2 Hub to Rumaitha Station (Depressurization and Surge).	UAE	September 2024~95% Completed	
3	OLGA Flow Assurance Studies for Slug Catcher Sizing	Description: OLGA Flow Assurance Study Details: OLGA Flow Assurance to do the slug catcher sizing respective to two separate pipeline network north and side connected to CPF	Algeria	May 2023~April 2024	
4	EWT [Produced Water Treatment] & Water Disposal Wellhead Design, Iraq	Hours: 25,000 MHrs Job FEED Engineering Description: 10,000 BOPD Produced Water Treatment & Transfer Facility Disciplines: All Disciplines Details: Desalter & Dehydration Package, Produced & Oily Water Treatment Package, Stripping Column, Fired Heater Package, Air and Nitrogen Compressor, Air Cooler, Pressure Vessels, Heat Exchanger, Diesel Storage Tanks, Control System, Inside Facility Piping & 5km Pipeline, Control System, Package Substation Building, Civil and Structure Design for all equipment, Active and Passive Fire Fighting System design. Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	Iraq	May 2022~ December 2023	
5	CPF Fire Fighting System Design, Iraq	Hours: 12,000 MHrs Job FEED & Detail Engineering Description: Fire Fighting System Design, Iraq E3D AVEVA 3D Modelling CPF, Well head, Crude Storage Tanks and HAZOP Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	Iraq	October 2020 ~ September 2021	
6	Gas Dehydration Facility Design 66~100 MMCFD 14 Typical GDU Facility 147 Mechancial Vessels, Heat Exchangers and Columns	Hours: 6,000 MHrs Job Description: Detail Engineering & EPC Support Details: Mechanical Design, Instrumentation and QAQC: Vessels, Heat Exchangers, Fired Heaters, Mechanical Filters, Control System, Field Instruments, QA QC Control and MRBs.	Bahrain	September 2022~On Going	
7	Gas Processing Facility Process Packages	Hours: 8,500 MHrs Job Details: Detailed Engineering Design: COMPRESS Calculation, Mechanical Data sheets, TBE and VDOC review for Mechanical Vessels, Columns, Filters, Air coolers, Tanks, Heat Exchangers, Pump-Motor Skid, Field Instruments Engineering design alongwith hookup with control system and Electrical power distribution, earthing and lighting design.	Iraq	Sept 2023 ~ April 2024	
8	Pipeline & Pig Launcher Reciever Design and Interface with Existing Facility	Hours: 6,000 Mhrs Job Description: Detail Design Engineering of RETM-KPS2 Pipeline Details: Engineering design and interface of 24” Pipeline, New Pig traps [Pig launcher, Pig receiver, Pig trolley and Jib crane], Chemical injection package, Static Mixer device and Corrosion coupon / probes with relevant valve pits, Pressure Control Valves.	Iraq	August 2023~December 2024	

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9	WHRU, Thermal Oxidizer Skid and Interface with Utilities: Design & Procurement Support	Hours: 7,000 MHrs Job Detail Design Description: WHRU & Thermal Oxidizer and interface with the existing facility alongwith necessary facility modification. Details: WHRU, Thermal Oxidizer Skid, Interface with Utilities, Piperack, Structural Design, Substation Modifications, Electrical Distribution Network Design, Field Instruments, Control System Modification, Piping Interface with the existing facility, inside plant road design and modification, 3D Model AutoCad Plant 3D.	Iraq	May 2023~ On Hold	
10	EWT & Wellhead Design, Iraq	House: 8,000 MHrs Job FEED Engineering Description: Wellhead and Interface with Existing EWT Details: Process & Utility Equipment and Tanks Upgradation Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	Iraq	January 2022~June 2023	
11	Wellhead & Flexible Pipeline Design, Iraq	Hours: 7,000 MHrs Job FEED Engineering Description: New Wellhead and Interface with Existing EWT and 6km Flexible Pipeline Process & Utility Items Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	Iraq	April 2021 ~ September 2021	
12	RUWAIS DIYAB Gas Development 20 MMSCFD Pilot Production Facility ADNOC UAE	Hours: 6,500 Mhrs Job Description: Detail Engineering Electrical & Instrument System Design Details: Electrical & Instrumentation design for PPF and Well Heads. 1] Electrical Equipment sizing and design for: Substation, Natural Gas Generator, LV Switchgear, UPS, Emergency Diesel Generator, ETAP Simulation, Cables, Earthing & Lightning Protection and Lighting. Plant Operation Philosophy: Load Sharing, synchronization, electrical distribution scheme. Construction layouts related to Power distribution, Single Line Diagrams, Cable Schedules, Cable Routing & Earthing & Lighting Layout, MTO, Quotes Review, Vendor Documents Review, Technical Bid Evaluations etc. 2] Instrument: Field Instruments, Well head control panel, Instrument Index, IO List, Construction Layouts, MTO, Quotes Review, Vendor Documents Review, Technical Bid Evaluations etc.	UAE	April 2024 ~ October 2024	
13	ADNOC Package 4 (Project No. P90174) - Close-out of EPC Project for Spiking gas compressor in SHAH, UAE	Hours: 800 MHrs Job Details: 1] Process design basis, line sizing, heat exchanger 86.8kW, P&IDs, Operating and Control Philosophy development and Tie-in list. 2] Telecom Defects Rectification in Flare, Compressor and Control room alongwith addition of new equipment where deemed necessary and interface with SHAH CDS Control Room if needed.	UAE	August 2023 ~ On Going	
14	Process Design ADNOC Package 7, UAE	Hours: 800 MHrs Job Details:PIPESIM Simulation Hydraulic Simulation for two number 08km pipeline network, Selection of Produced Water Re-Injection Pump (PWRI), Adequacy check of the line sizes, process data sheets, utility and chemical consumption summary.	UAE	August 2023 ~ On Going	
15	Package Design ADNOC Project P24019, UAE	Hours: 600 MHrs Job Details: Engineering Design Mobile Oil Recovery Pump skid package / Trailer Mounted Oil Recovery Pump Skid Package.	UAE	August 2023 ~ October 2023	

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16	Well Manifold Electrical Design	Hours: 8,000 Mhrs Job Description: Detail Engineering & EPC Support Details: Electrical Substation, LV Panels, Transformers, RMU, Power Distribution Design, Facility Lighting Earthing and Lightning Protection System Design and Heat Tracing.	Bahrain	April 2021~October 2023	
17	DBOOM Work For Rental Compression Facilities For BUHASA Plant (PROJECT 5.0) ADNOC UAE	Hours: 6,500 Mhrs Job Description: Detail Engineering Electrical & Instrument System Design Details: Electrical Design 1] Electrical Equipment sizing and design for: Substation, Natural Gas Generator, LV Switchgear, UPS, Emergency Diesel Generator, Cables, Earthing & Lightning Protection and Lighting. Plant Operation Philosophy: Load Sharing, synchronization, electrical distribution scheme. Construction layouts related to Power distribution, Single Line Diagrams, Cable Schedules, Cable Routing & Earthing & Lighting Layout, MTO, Quotes Review, Vendor Documents Review, Technical Bid Evaluations etc.	UAE	October 2024 ~ In Progress	
18	Two Crude Pumping Station & Receiving Terminal Fire Suppression Design, Iraq	Hour: 6,000 Mhrs Job FEED Engineering Description: Two Crude Pumping Station & Receiving Terminal Fire Suppression Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	Iraq	January 2022 ~ April 2022	
19	Crude Pumping Station Electrical Equipment & System Design, Kurdistan Iraq	Hours: 3,000 Mhrs Job Description: FEED & DETAIL Engineering Electrical Design Details: Substation and Pumping Station Electrical Design, LV Panels, Softstarter Panels, UPS, Earthing, Lighting and Fire Alarm Detection System Design. Existing system defects identification and rectification.	Iraq	February 2022 ~ August 2022	
20	HVAC Desgin for ADNOC Package 5 (Project No. P14421) Construction of Supplement ASAB Water Tank Farm Facilities, UAE	Hours: 600 Mhrs Job Details: HVAC Design for: Chlorination building HAP Calculation, HVAC Layouts, MTO, Datasheets, Material Requisition, TBE and VDOC.	UAE	August 2023 ~ November 2023	
21	Instrumentation Design for ADNOC 0401283-UTILIZATION OF STRIPPED CLEAN SOUR WATER (CSW) AS FEED DEMINERALIZATION WATER PACKAGE UNIT – HABSHAN 5	Hours: 600 Mhrs Job Details: Development of Field Instruments: TBE, MR and Vendor Documents Requirements	UAE	September 2023 ~ November 2023	
22	ADNOC EPC Phase of Additional Wells (5 Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE	Hours: 1,000 Mhrs Job Details: Electrical and Instrumentation basic bid engineering level design, development of MTO, BOQ and MR. Review of Vendor offers.	UAE	August 2023 ~ October 2023	
23	ADNOC Ruwais Capacity Enhancement NGL 4 Trains Bid Engineering	ADNOC Ruwais Capacity Enhancement NGL 4 Number Trains, Bid Engineering Support	UAE	April 2020	
24	ADNOC Zirku Flare & Header Replacement	ADNOC Zirku Flare Header and Flare Replacement Project, Bid Engineering Support	UAE	April 2019	
25	10km Road Design, Kurdistan Iraq	Hours: 1,500 Mhrs Job Description: Detail Engineering Road Design Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment Sheets and BOQ.	Iraq	June 2021 ~ September 2021	
26	3km Road Design, Kurdistan Iraq	Hours: 600 Mhrs Job Description: Detail Engineering Road Design Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment Sheets and BOQ.	Iraq	February 2022 ~ April 2022	

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27	BOTASH Tanks Jeyhan Terminal Maintenance Of Tanks, Turkey	Description: Bid Engineering & Procurement Services Material Details: Repair & Maintenance Crude Oil Storage 20 Tanks Dia. upto 80 Meter Material Supply & Sub-Contractors Sourcing Multi-Discipline: Mechanical, Civil, Instrumentation & Control	Turkey	October 2021 ~ January 2022	
28	ETAP Simulation	ETAP Simulation for Electrical Network Al-Dhafra Project	UAE	March 2019	
29	SIL, HAZOP, Hazan Study SABIC, KSA	HSE Studies for Sabic Project: SIL HAZOP HAZAN	Saudi Arabia	February 2021	
30	WETICO Oil Skid Design Electrical, Piping, Instrumentation & 3D Model	Hours: 2,000 Mhrs Job Detail Engineering Description: Electrical, Piping, Instrumentation Detail Design for the Oil Sid alongwith 3D model in AutoCAD	Saudi Arabia	January 2019	
31	ARAMCO Skid: Structural Calculation	ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES	Saudi Arabia	March 2019	
32	ARAMCO Skid Design	ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System	Saudi Arabia	February 2019	
33	Stress Analysis Water Treatment System Upgrade Project	Stress Analysis: Saudi Kayan Petrochemical Plant, SK Waste-Water Treatment System Upgrade Project	Saudi Arabia	March 2019	
34	Stress Analysis: Jeddah South Thermal	Stress Analysis: Jeddah South Thermal Power Plant Stage	Saudi Arabia	June 2019	
35	Stress Analysis Feed Gas Line	Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line	Saudi Arabia	August 2019	
36	ARC Flash Analysis FARABI	ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI	Saudi Arabia	May 2019	
37	Jubail Export Refinery ETAP Studies	Jubail Export Refinery Substati-on ETAP Studies	Saudi Arabia	September 2019	
38	US Apparel & Textiles LEED Platinum Certified Green Building Design	Hours: 3,000 MHrs Job Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.	Pakistan	January 2022~April 2022	
39	Mughal Steel Furnace Interface Piping Design	Hours: 1,000 MHrs Job Description: Piping Interface Furnace & Utilities Details: Piping interface design of Furnace with the plant utilities, layouts, MTO.	Pakistan	October 2020~December 2020	
40	NIMIR Industrial Chemical Plot Plan Development	Hours: 1,000 MHrs Job Description: As-Built Plot Plan Development Details: On Field Preparation of As-Built Drawing for the chemical complex with six sub-chemical units.	Pakistan	February 2021 ~ March 2021	
41	AIRLIFT Warehouse MEP Design	Hours: 2,000 Mhrs Job Detail Engineering Description: Electrical System Design for the Warehouse and Cold Storage	Pakistan	March 2020 ~ July 2020	
42	Jotun Paints Factory MEP Design	Hours: 2,000 Mhrs Job Detail Engineering Description: Electrical System Design for the complete Paints factory complex including substation design, LV Panels, transformer, UPS, mixer machines power supply arrangement, water treatment plant, fire water system design, HVAC, Lighting Earthing & Lightning protection system design	Pakistan	October 2021~December 2021	
43	180Ton Steel Entrance Structure Design	Hours: 2,000 Mhrs Job Detail Engineering Description: Civil Structural Design Calculation and Documents	Pakistan	September 2019	
44	Lithium Batteries Supply to 365MW Lalpir Power Plant	Equipment Supply Material Supplied: Lithium Batteries	Pakistan	November 2019	
45	MV Switchgear 365MW Lalpir Power Plant Third Party Services	Services Contract Services Awarded: MV Panel Inspection and testing	Pakistan	November 2019	
46	Sugar Mill Pinions Inspection Services	Services Contract Services Awarded: Inspection on behalf of Czech Republic Company	Pakistan	November 2019	
47	220kV Control and Protection Panel Inspection Services	Services Contract Services Awarded: 220kV Switchyard Control & Protection Panel and Telecom panel	Pakistan	January 2019	
48	Solar Project EPC Bid Engineering	8MW, 6MW & 5MW Solar Project Solar Wadi EPC Bid Engineering	Oman	February 2020~April 2020	
49	Solar System Design Projects	Solar Panel System Design OMIFCO & Oman Oil Project	Oman	June 2019	

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50	Electrical Distribution Network Design	Electrical Distribution System Design University Town New Jersey, USA	USA	2017	
51	Hybrid Battery & Wind Food Truck	Battery & Wind Powered Hybrid Food Truck Design, USA	USA	January 2017 ~ December 2018	