

| Sr. No. | Country | Projects                                                                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Year of Execution        | Remarks |
|---------|---------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------|
| 1       | Algeria | OLGA Flow Assurance Studies for Slug Catcher Sizing                                    | Description: OLGA Flow Assurance Study<br>Details: OLGA Flow Assurance to do the slug catcher sizing respective to two separate pipeline network north and side connected to CPF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | May 2023~On Going        |         |
| 2       | Bahrain | Well Manifold Electrical Design                                                        | Hours: 8,000 Mhrs Job<br>Description: Detail Engineering & EPC Support<br>Details: Electrical Substation, LV Panels, Transformers, RMU, Power Distribution Design, Facility Lighting Earthing and Lightning Protection System Design and Heat Tracing.                                                                                                                                                                                                                                                                                                                                                                                                            | April 2021~95% Completed |         |
| 3       | Bahrain | Gas Dehydration Facility Design<br>66~100 MMCFD 14 Typical GDU Facility                | Hours: 6,000 Mhrs Job<br>Description: Detail Engineering & EPC Support<br>Details: Mechanical Design, Instrumentation and QAQC: Vessels, Heat Exchangers, Fired Heaters, Mechanical Filters, Control System, Field Instruments, QA QC Control and MRBs.                                                                                                                                                                                                                                                                                                                                                                                                           | September 2022~On Going  |         |
| 4       | Iraq    | Gas Processing Facility Process Packages                                               | Hours: 8,500 Mhrs Job<br>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.                                                                                                                                                                                                                                                                                       | Sept 2023 ~ On Going     |         |
| 5       | Iraq    | Pipeline & Pig Launcher Reciever Design and Interface with Existing Facility           | Hours: 6,000 Mhrs Job<br>Description: Detail Design Engineering of RETM-KPS2 Pipeline<br>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.                                                                                                                                                                                                                                                                                                       | August 2023~On Going     |         |
| 6       | Iraq    | WHRU, Thermal Oxidizer Skid and Interface with Utilities: Design & Procurement Support | Hours: 7,000 Mhrs Job Detail Design<br>Description: WHRU & Thermal Oxidizer and interface with the existing facility alongwith necessary facility modification.<br>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.                                                                                                                                                              | May 2023~ On Hold        |         |
| 7       | Iraq    | EWT & Water Disposal Wellhead Design, Iraq                                             | Hours: 16,000 Mhrs Job FEED Engineering<br>Description: 10,000 BOPD Produced Water Treatment & Transfer Facility<br>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.<br>Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical | May 2022~ December 2023  |         |
| 8       | Iraq    | EWT & Wellhead Design, Iraq                                                            | House: 8,000 Mhrs Job FEED Engineering<br>Description: Wellhead and Interface with Existing EWT<br>Details: Process & Utility Equipment and Tanks Upgradation Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical                                                                                                                                                                                                                                                                                                                                                                                       | January 2022~June 2023   |         |

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| 9       | Iraq    | Wellhead & Flexible Pipeline Design, Iraq                                                                            | Hours: 7,000 MHrs Job FEED Engineering<br>Description: New Wellhead and Interface with Existing EWT and 6km Flexible Pipeline<br>Process & Utility Items<br>Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical                                                                            | April 2021 ~ September 2021   |         |
| 10      | Iraq    | CPF Fire Fighting System Design, Iraq                                                                                | Hours: 12,000 MHrs Job FEED & Detail Engineering<br>Description: Fire Fighting System Design, Iraq E3D AVEVA 3D Modelling CPF, Well head, Crude Storage Tanks and HAZOP<br>Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical                                                             | October 2020 ~ September 2021 |         |
| 11      | Iraq    | Two Crude Pumping Station & Receiving Terminal Fire Suppression Design, Iraq                                         | Hour: 6,000 MHrs Job FEED Engineering<br>Description: Two Crude Pumping Station & Receiving Terminal Fire Suppression<br>Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical                                                                                                               | January 2022 ~ April 2022     |         |
| 12      | Iraq    | Crude Pumping Station Electrical Equipment & System Design, Kurdistan Iraq                                           | Hours: 3,000 MHrs Job<br>Description: FEED & DETAIL Engineering Electrical Design<br>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.                                                      | February 2022 ~ August 2022   |         |
| 13      | Iraq    | 10km Road Design, Kurdistan Iraq                                                                                     | Hours: 1,500 MHrs Job<br>Description: Detail Engineering Road Design<br>Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment Sheets and BOQ.                                                                                                                                                             | June 2021 ~ September 2021    |         |
| 14      | Iraq    | 3km Road Design, Kurdistan Iraq                                                                                      | Hours: 600 MHrs Job<br>Description: Detail Engineering Road Design<br>Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment Sheets and BOQ.                                                                                                                                                               | February 2022 ~ April 2022    |         |
| 15      | Turkey  | BOTASH Tanks Jeyhan Terminal Maintenance Of Tanks, Turkey                                                            | Description: Bid Engineering & Procurement Services Material<br>Details: Repair & Maintenance Crude Oil Storage 20 Tanks Dia. upto 80 Meter<br>Material Supply & Sub-Contractors Sourcing<br>Multi-Discipline: Mechanical, Civil, Instrumentation & Control                                                                                                   | October 2021 ~ January 2022   |         |
| 16      | UAE     | ADNOC Package 4 (Project No. P90174) - Close-out of EPC Project for Spiking gas compressor in SHAH, UAE              | Hours: 800 MHrs Job<br>Details:<br>1] Process design basis, line sizing, heat exchanger 86.8kW, P&IDs, Operating and Control Philosophy development and Tie-in list.<br>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. | August 2023 ~ On Going        |         |
| 17      | UAE     | Process Design ADNOC Package 7, UAE                                                                                  | Hours: 800 MHrs Job<br>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.                                                                                          | August 2023 ~ On Going        |         |
| 18      | UAE     | Package Design ADNOC Project P24019, UAE                                                                             | Hours: 600 MHrs Job<br>Details: Engineering Design Mobile Oil Recovery Pump skid package / Trailer Mounted Oil Recovery Pump Skid Package.                                                                                                                                                                                                                    | August 2023 ~ On Going        |         |
| 19      | UAE     | HVAC Desgin for ADNOC Package 5 (Project No. P14421) Construction of Supplement ASAB Water Tank Farm Facilities, UAE | Hours: 600 MHrs Job<br>Details: HVAC Design for: Chlorination building HAP Calculation, HVAC Layouts, MTO, Datasheets, Material Requisition, TBE and VDOC.                                                                                                                                                                                                    | August 2023 ~ On Going        |         |

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| 20      | UAE          | Instrumentation Design for ADNOC 0401283-UTILIZATION OF STRIPPED CLEAN SOUR WATER (CSW) AS FEED DEMINERALIZATION WATER PACKAGE UNIT – HABSHAN 5 | Hours: 600 MHrs Job<br>Details: Development of Field Instruments: TBE, MR and Vendor Documents Requirements                                                                                                                                                                                                                                | September 2023 ~ November 2023 |         |
| 21      | UAE          | ADNOC EPC Phase of Additional Wells (5 Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE                                                | Hours: 1,000 MHrs Job<br>Details: Electrical and Instrumentation basic bid engineering level design, development of MTO, BOQ and MR. Review of Vendor offers.                                                                                                                                                                              | August 2023 ~ October 2023     |         |
| 22      | UAE          | ADNOC Ruwais Capacity Enhancement NGL 4 Trains Bid Engineering                                                                                  | ADNOC Ruwais Capacity Enhancement NGL 4 Number Trains, Bid Engineering Support                                                                                                                                                                                                                                                             | April 2020                     |         |
| 23      | UAE          | ADNOC Zirku Flare & Header Replacement                                                                                                          | ADNOC Zirku Flare Header and Flare Replacement Project, Bid Engineering Support                                                                                                                                                                                                                                                            | April 2019                     |         |
| 24      | UAE          | ETAP Simulation                                                                                                                                 | ETAP Simulation for Electrical Network Al-Dhafra Project                                                                                                                                                                                                                                                                                   | March 2019                     |         |
| 25      | Saudi Arabia | SIL, HAZOP, Hazan Study SABIC, KSA                                                                                                              | HSE Studies for Sabic Project: SIL HAZOP HAZAN                                                                                                                                                                                                                                                                                             | February 2021                  |         |
| 26      | Saudi Arabia | WETICO Oil Skid Design Electrical, Piping, Instrumentation & 3D Model                                                                           | Hours: 2,000 MHrs Job Detail Engineering<br>Description: Electrical, Piping, Instrumentation Detail Design for the Oil Sid alongwith 3D model in AutoCAD                                                                                                                                                                                   | January 2019                   |         |
| 27      | Saudi Arabia | ARAMCO Skid: Structural Calculation                                                                                                             | ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES                                                                                                                                                                                                                                                                    | March 2019                     |         |
| 28      | Saudi Arabia | ARAMCO Skid Design                                                                                                                              | ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System                                                                                                                                                                                                                                        | February 2019                  |         |
| 29      | Saudi Arabia | Stress Analysis Water Treatment System Upgrade Project                                                                                          | Stress Analysis: Saudi Kayan Petrochemical Plant, SK Waste Water Treatment System Upgrade Project                                                                                                                                                                                                                                          | March 2019                     |         |
| 30      | Saudi Arabia | Stress Analysis: Jeddah South Thermal                                                                                                           | Stress Analysis: Jeddah South Thermal Power Plant Stage                                                                                                                                                                                                                                                                                    | June 2019                      |         |
| 31      | Saudi Arabia | Stress Analysis Feed Gas Line                                                                                                                   | Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line                                                                                                                                                                                                                                                                  | August 2019                    |         |
| 32      | Saudi Arabia | ARC Flash Analysis FARABI                                                                                                                       | ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI                                                                                                                                                                                                                                                             | May 2019                       |         |
| 33      | Saudi Arabia | Jubail Export Refinery ETAP Studies                                                                                                             | Jubail Export Refinery Substati-on ETAP Studies                                                                                                                                                                                                                                                                                            | September 2019                 |         |
| 34      | Pakistan     | US Apparel & Textiles LEED Platinum Certified Green Building Design                                                                             | Hours: 3,000 MHrs Job<br>Description: Platinum LEED Certified Building MEP Design<br>Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.                                                                                                                                                 | January 2022~April 2022        |         |
| 35      | Pakistan     | Mughal Steel Furnace Interface Piping Design                                                                                                    | Hours: 1,000 MHrs Job<br>Description: Piping Interface Furnace & Utilities<br>Details: Piping interface design of Furnace with the plant utilities, layouts, MTO.                                                                                                                                                                          | October 2020~December 2020     |         |
| 36      | Pakistan     | NIMIR Industrial Chemical Plot Plan Development                                                                                                 | Hours: 1,000 MHrs Job<br>Description: As-Built Plot Plan Development<br>Details: On Field Preparation of As-Built Drawing for the chemical complex with six sub-chemical units.                                                                                                                                                            | February 2021 ~ March 2021     |         |
| 37      | Pakistan     | AIRLIFT Warehouse MEP Design                                                                                                                    | Hours: 2,000 MHrs Job Detail Engineering<br>Description: Electrical System Design for the Warehouse and Cold Storage                                                                                                                                                                                                                       | March 2020 ~ July 2020         |         |
| 38      | Pakistan     | Jotun Paints Factory MEP Design                                                                                                                 | Hours: 2,000 MHrs Job Detail Engineering<br>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 | October 2021~December 2021     |         |
| 39      | Pakistan     | 180Ton Steel Entrance Structure Design                                                                                                          | Hours: 2,000 MHrs Job Detail Engineering<br>Description: Civil Structural Design Calculation and Documents                                                                                                                                                                                                                                 | September 2019                 |         |
| 40      | Pakistan     | Lithium Batteries Supply to 365MW Lalpir Power Plant                                                                                            | Equipment Supply<br>Material Supplied: Lithium Batteries                                                                                                                                                                                                                                                                                   | November 2019                  |         |
| 41      | Pakistan     | MV Switchgear 365MW Lalpir Power Plant Third Party Services                                                                                     | Services Contract<br>Services Awarded: MV Panel Inspection and testing                                                                                                                                                                                                                                                                     | November 2019                  |         |

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| 42      | Pakistan | Sugar Mill Pinions Inspection Services                 | Services Contract<br>Services Awarded: Inspection on behalf of Czech Republic Company                | November 2019                |         |
| 43      | Pakistan | 220kV Control and Protection Panel Inspection Services | Services Contract<br>Services Awarded: 220kV Switchyard Control & Protection Panel and Telecom panel | January 2019                 |         |
| 44      | Oman     | Solar Project EPC Bid Engineering                      | 8MW, 6MW & 5MW Solar Project Solar Wadi EPC Bid Engineering                                          | February 2020~April 2020     |         |
| 45      | Oman     | Solar System Design Projects                           | Solar Panel System Design OMIFCO & Oman Oil Project                                                  | June 2019                    |         |
| 46      | USA      | Electrical Distribution Network Design                 | Electrical Distribution System Design University Town New Jersey, USA                                | 2017                         |         |
| 47      | USA      | Hybrid Battery & Wind Food Truck                       | Battery & Wind Powered Hybrid Food Truck Design, USA                                                 | January 2017 ~ December 2018 |         |