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Subject: Project Reference List Document: 116001-LST-001-02

Date: 20240105



Sr. No.	Country	Projects	Details	Year of Execution	Remarks
1	Algeria	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	May 2023~On Going	
2	Bahrain	Well Manifold Electrical Design	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.	April 2021~95% Completed	
3	Bahrain	Gas Dehydration Facility Design 66~100 MMCFD 14 Typical GDU Facility	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.	September 2022~On Going	
4	Iraq	Gas Processing Facility Process Packages	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	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.	August 2023~March 2024	
6	Iraq	WHRU, Thermal Oxidizer Skid and Interface with Utilities: Design & Procurement Support	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.		
7	Iraq	EWT & Water Disposal Wellhead Design, Iraq	Description: 10,000 BOPD Produced Water Treatment & Transfer Facility 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	May 2022~ December 2023	
8	Iraq	EWT & Wellhead Design, Iraq	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	January 2022~June 2023	
9	Iraq	Wellhead & Flexible Pipeline Design, Iraq	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	April 2021 ~ September 2021	
10	Iraq	CPF Fire Fighting System Design, Iraq	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	October 2020 ~ September 2021	
11	Iraq	Two Crude Pumping Station & Receiving Terminal Fire Suppression Design, Iraq	Description: Two Crude Pumping Station & Receiving Terminal Fire Suppression Details: Multi-Discipline: HSE, Process, Piping, Mechanical, Civil & Structural, Instrumentation & Control, Electrical	January 2022 ~ April 2022	

MASEL

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Date: 20240105



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13 Pag 20 John Road Design, Kurdistan Irag 20 Destals, Road Design per ASM1 Description, Catella Engineering Road Design, Cold 3 Destals, Road Design, Road Paying per ASM1 Description, Regiment Services 21 Destals, Road Design, Road Paying per ASM1 Description, Regiment Services 22 Description Bit Engineering & Procure recent Services 23 Description Bit Engineering & Procure recent Services 24 Description Bit Engineering & Procure recent Services 25 Description Bit Engineering & Procure recent Services 26 Description Bit Engineering & Procure recent Services 27 Description Bit Engineering & Procure recent Services 28 Description Bit Engineering & Procure recent Services 29 Description Bit Engineering & Procure recent Services 20 Description Bit Engineering & Procure of Services 20 Description Bit Engineering & Procure of Services 21 Description Bit Engineering & Procure of Services 22 Description Bit Engineering Bear Control Procured Services 29 Description Bit Engineering & Procure of Services 20 Description Bit Engineering & Procure of Services 20 Description Bit Engineering & Procure of Services 21 Testicon Bit Engineering Bear Association Services 22 Description Bit Engineering Bear Association Services 29 Description Bit Engineering Bear Association Services 20 Description Bit Engineering Bear Association Services 20 Description Bit Engineering Bear Association Bit	12	Iraq	Equipment & System Design, Kurdistan Iraq	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	
Details, Road Design, Kurdiston Iraq	13	Iraq	10km Road Design, Kurdistan Iraq	Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment	June 2021 ~ September 2021	
BOTASH Tanks Jeryhan Terminal Mehrtenance Crude Oil Storage 20 Tanks   Details Repail & Maintenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022   Mehrtenance Crude Oil Storage 20 Tanks   Obtober 2021 ** January 2022 ** January 2022 ** January 2022 ** January 2023 ** January 202	14	Iraq	I3km Road Design, Kurdistan Iraq	Details: Road Design as per ASHTO Standard, Civil 3D Design, Road Paving thickness Calculation, Alignment	February 2022 ~ April 2022	
1	15	Turkey	BOTASH Tanks Jeyhan Terminal Maintenance Of Tanks, Turkey	Material Details: Repair & Maintenance Crude Oil Storage 20 Tanks Dia. upto 80 Meter Material Supply & Sub-Contactors Sourcing Multi-Discipline: Mechanical, Civil, Instrumentation &	October 2021 ~ January 2022	
Details: PIPESM Simulation Hydraulic Simulation for Droduced number 08km pipeline network. Selection of Produced Nature 18km pipeline network. Selection of Produced Water Re-Injection Pump (PWR), Adequacy check of the line of the produced Nature 18km pipeline network. Selection of Produced Water Re-Injection Pump (PWR), Adequacy check of the line of the produced Nature 18km pipeline network. Selection of Produced Nature 18km pipeline network. Selection of Produced Nature 18km pipeline network network of the line of the produced Nature 18km pipeline network. Plant 18km pipeline network network plant network network network network network network network. Plant 18km pipeline network net	16	UAE	ADNOC Package 4 (Project No. P90174) - Close-out of EPC Project for Spiking gas compressor in SHAH, UAE	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	August 2023 ~ November 2023	
DACE   Package Design ADNOL Project P24019   DACE   DACE   Package   Packa	17	UAE	Process Design ADNOC Package 7, UAE	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	August 2023 ~ November 2023	
HVAC Design for ADNOC Package 5 (Project No. P14421) Construction of Supplement ASAB Water Tank Farm Facilities, UAE  Instrumentation Design for ADNOC Mod 18 August 2023 ~ December 2023  UAE  UAE  LICANS ADOWN CTRE (KSW) AS FEED DEMINERALIZATION OF STRIPPED CALLEAN SOUR WATER (KSW) AS FEED DEMINERALIZATION WATER PACKAGE UNIT - HABSHAN S  ADNOC EPC Phase of Additional Wells (5 Details: Electrical and Instrumentation basic bid engineering level design, development of MTO, BOQ and MR. Review Of vendor offers.  ADNOC EPC Phase of MR. Review Of vendor offers.  ADNOC Ruwais Capacity Enhancement NGL 4 Trains Bid Engineering  ADNOC Ruwais Capacity Enhancement NGL 4 Trains Bid Engineering  ADNOC Ruwais Capacity Enhancement NGL 4 Trains Bid Engineering  ADNOC Ruwais Capacity Enhancement Project. April 2029  UAE  ADNOC Zirku Flare Redear  ADNOC Ruwais Capacity Enhancement Project. April 2029  ADNOC Zirku Flare Replacement Project. Bid Engineering Support  ETAP Simulation ETAP Simulation ETAP Studies  WETICO Oil Skid Design Electrical, Piping, Instrumentation Basic Dodd Piping, Instrumentation A 30 Model Piping, Instrumentation A 30 Model Piping, Instrumentation A 30 Model Natural Studies for ABNC Skid: Structural Calculation ARMCO Skid: Structural Calculation ARMCO Skid: Structural Calculation Stress Analysis: Saudi Arabia  Stress Analysis Water Treatment System Upgrade Project  Saudi Arabia  Stress Analysis Water Treatment System Upgrade Project  Saudi Arabia Stress Analysis Feed Gas Line  CCR Feed Gas Line  US Apparel & Textiles LEED Platinum Certified Green Building Design  Pakistan  US Apparel & Textiles LEED Platinum Certified Green Building Design  Pakistan	18	UAE	UAE	package / Trailer Mounted Oil Recovery Pump Skid		
Details: Development of Field Instruments: TBE, MR and Vendor Documents Requirements  DEMINERALIZATION WATER PACKAGE UNIT – HABSHAN S  ADNOC EPC Phase of Additional Wells (5 Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE  ADNOC EPC Phase of Additional Wells (5 Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE  ADNOC Ruwais Capacity Enhancement Nos. 4 Number Nos. 4 And Andrews (5 Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE  ADNOC Ruwais Capacity Enhancement Nos. 4 Number Nos. 4 Andrews (5 Vendor offers.  ADNOC Zirku Flare & Header Replacement Project, Nos. 4 Replacement Bid Engineering Support  ADNOC Zirku Flare & Header Replacement Project, Bid Engineering Support  24 UAE ETAP Simulation ETAP Simulation FEAP Simulation for Electrical Network Al-Dhafra Project  25 Saudi Arabia  WETICO Oil Skid Design Electrical, Piping, Instrumentation & 3D Model  ARAMCO Skid: Structural Calculation Alamania Stress Analysis Water Treatment System Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Fower Plant Stage  Stress Analysis Feed Gas Line Core Feed Gas Line Core Feed Gas Line  US Apparel & Textiles LEED Platinum Certified Green Building Design Platinum LEED Certified Requirements.  Details: Development of Field Instrumentation basic Decembers.  Details: Development of Matin Instrumentation basic bid engineements Stress, Analysis Platinum LEED Certified Building MEP Design Description: Electrical, Pletinum LEED Certified Building MEP Design apper leatinum LEED Certified Requirements.	19	UAE	(Project No. P14421) Construction of Supplement ASAB Water Tank Farm	Calculation, HVAC Layouts, MTO, Datasheets, Material	August 2023 ~ December 2023	
UAE   Nos.) at Main Pad 8 (MP8) in Shah Gas Gathering Area, UAE   MR. Review of Vendor offers.	20	UAE	0401283-UTILIZATION OF STRIPPED CLEAN SOUR WATER (CSW) AS FEED DEMINERALIZATION WATER PACKAGE	•	· '	
March 2019   March 2019   March 2019	21	UAE	Nos.) at Main Pad 8 (MP8) in Shah Gas	engineering level design, development of MTO, BOQ and	August 2023 ~ October 2023	
23 UAE ADNOC Zirku Flare & Header Replacement Bid Engineering Support  24 UAE ETAP Simulation ETAP Simulation FETAP Simulation FOR ELECTRICAL Network Al-Dhafra Project. April 2019  25 Saudi Arabia SIL, HAZOP, Hazan Study SABIC, KSA HES Studies for Sabic Project: SIL HAZOP HAZAN February 2021  26 Saudi Arabia WETICO Oil Skid Design Electrical, Piping, Instrumentation Detail Design for the Oil Sid alongwith 3D model in AutoCAD  27 Saudi Arabia ARAMCO Skid: Structural Calculation ARAMCO Skid: Structural Calculation For Haradh and Khurais Skid for AES  28 Saudi Arabia ARAMCO Skid Design ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System  29 Saudi Arabia Stress Analysis Water Treatment System Ungrade Project Waste-Water Treatment System Ungrade Project Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Stress Analysis: Jump Over to Hydrogen Header, Unit 155 August 2019  30 Saudi Arabia ARC Flash Analysis Feed Gas Line Stress Analysis Electrical System Studies Installation of Nitrogen – FARABI  31 Saudi Arabia Jubail Export Refinery ETAP Studies Jubail Export Refinery Substati-on ETAP Studies September 2019  32 Saudi Arabia Us Apparel & Textiles LEED Platinum Certified Green Building Design Description: Electrical, Mechanical, Piping, HYAC Design as per Platinum LEED Certified Requirements.	22	UAE	, ,	· · ·	April 2020	
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 Detail Piping, Instrumentation & 3D Model Design for the Oil Sid alongwith 3D model in AutoCAD  27 Saudi Arabia ARAMCO Skid: Structural Calculation ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES  28 Saudi Arabia ARAMCO Skid Design ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System  29 Saudi Arabia Stress Analysis Water Treatment System Upgrade Project Uggrade Project Stress Analysis: Saudi Kayan Petrochemical Plant, SK Waste-Water Treatment System Upgrade Project Stress Analysis: Jeddah South Thermal Power Plant Stage June 2019  30 Saudi Arabia Stress Analysis Feed Gas Line Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line  31 Saudi Arabia ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  32 Saudi Arabia Jubail Export Refinery ETAP Studies Jubail Export Refinery Substati-on ETAP Studies September 2019  33 Saudi Arabia Dubail Export Refinery ETAP Studies January 2022"April 2022 Per Platinum LEED Certified Requirements.	23	UAE	ADNOC Zirku Flare & Header	ADNOC Zirku Flare Header and Flare Replacement Project,	April 2019	
26 Saudi Arabia WETICO Oil Skid Design Electrical, Description: Electrical, Piping, Instrumentation Detail Design for the Oil Sid alongwith 3D model in AutoCAD  27 Saudi Arabia ARAMCO Skid: Structural Calculation ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES  28 Saudi Arabia ARAMCO Skid Design ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System  29 Saudi Arabia Stress Analysis Water Treatment System Upgrade Project Upgrade Project Stress Analysis: Saudi Kayan Petrochemical Plant, Waste-Water Treatment System Upgrade Project Upgrade Project Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Power Plant Stage Upgrade Project Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI Updail Export Refinery ETAP Studies Upgrade Project Us Apparel & Textiles LEED Platinum Certified Green Building Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.	24	UAE			March 2019	
Piping, Instrumentation & 3D Model  27 Saudi Arabia  ARAMCO Skid: Structural Calculation  ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES  ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System  Saudi Arabia  Stress Analysis Water Treatment System  Stress Analysis: Saudi Kayan Petrochemical Plant, SK Upgrade Project  Waste-Water Treatment System Upgrade Project  Stress Analysis: Jeddah South Thermal  Stress Analysis: Jeddah South Thermal Power Plant Stage  Stress Analysis: Jump Over to Hydrogen Header, Unit 155  CCR Feed Gas Line  ARC Flash Analysis FARABI  ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  Jubail Export Refinery ETAP Studies  Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.	25	Saudi Arabia	SIL, HAZOP, Hazan Study SABIC, KSA	HSE Studies for Sabic Project: SIL HAZOP HAZAN	February 2021	
ARAMCO Skid: Structural Calculation for Haradh and Khurais Skid for AES  Saudi Arabia ARAMCO Skid Design ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System  Saudi Arabia Stress Analysis Water Treatment System Stress Analysis: Saudi Kayan Petrochemical Plant, SK Upgrade Project Waste-Water Treatment System Upgrade Project  30 Saudi Arabia Stress Analysis: Jeddah South Thermal Stress Analysis: Jeddah South Thermal Power Plant Stage  31 Saudi Arabia Stress Analysis Feed Gas Line Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line  32 Saudi Arabia ARC Flash Analysis FARABI ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  33 Saudi Arabia Jubail Export Refinery ETAP Studies Jubail Export Refinery Substati-on ETAP Studies September 2019  Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.	26	Saudi Arabia		, , , , , , , , , , , , , , , , , , , ,	January 2019	
Saudi Arabia Stress Analysis Water Treatment System Stress Analysis: Saudi Kayan Petrochemical Plant, SK Upgrade Project Waste-Water Treatment System Upgrade Project Upgrade Project Stress Analysis: Jeddah South Thermal Power Plant Stage June 2019  Saudi Arabia Stress Analysis Feed Gas Line Stress Analysis: Jump Over to Hydrogen Header, Unit 155 CCR Feed Gas Line  Saudi Arabia ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  Saudi Arabia Jubail Export Refinery ETAP Studies Jubail Export Refinery Substati-on ETAP Studies September 2019  Waste-Water Treatment System Upgrade Project Waster Treatment System Upgrade Project  March 2019  August 2019  ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  Jubail Export Refinery Substati-on ETAP Studies September 2019  Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.	27	Saudi Arabia	ARAMCO Skid: Structural Calculation	Khurais Skid for AES	March 2019	
Saudi Arabia   Upgrade Project   Waste-Water Treatment System Upgrade Project   March 2019	28	Saudi Arabia	ARAMCO Skid Design	ARAMCO Skid: Structural, Piping and Civil Design Chemical Injection, Gas Modular System, ANR System	February 2019	
Stress Analysis: Jump Over to Hydrogen Header, Unit 155 August 2019  32 Saudi Arabia ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  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  Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.			Upgrade Project	Waste-Water Treatment System Upgrade Project		
Saudi Arabia ARC Flash Analysis FARABI ARC Flash Analysis Electrical System Studies Installation of Nitrogen – FARABI  33 Saudi Arabia Jubail Export Refinery ETAP Studies Jubail Export Refinery Substati-on ETAP Studies September 2019  Description: Platinum LEED Certified Building MEP Design Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.						
Saudi Arabia   ARC Flash Analysis FARABI   Nitrogen – FARABI   Nitrogen – FARABI   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 Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.  January 2022~April 2022 per Platinum LEED Certified Requirements.			ARC Flash Analysis FARABI	Nitrogen – FARABI	May 2019	
Pakistan  OS Apparel & Textiles LEED Platinum Certified Green Building Design  Description: Electrical, Mechanical, Piping, HVAC Design as per Platinum LEED Certified Requirements.  January 2022~April 2022	33	Saudi Arabia		· · ·	September 2019	
			Certified Green Building Design	Description: Electrical, Mechanical, Piping, HVAC Design as	January 2022~April 2022	Page 2 O

MASEL

Subject: Project Reference List Document: 116001-LST-001-02

Date: 20240105



Sr. No.	Country	Projects	Details	Year of Execution	Remarks
35	Pakistan	Mughal Steel Furnace Interface Piping Design	Description: Piping Interface Furnace & Utilities Details: Piping interface design of Furnace with the plant utilities, layouts, MTO.	October 2020~December 2020	
36	Pakistan	NIMIR Industrial Chemical Plot Plan Development	Description: As-Built Plot Plan Development 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	Description: Electrical System Design for the Warehouse and Cold Storage	March 2020 ~ July 2020	
38	Pakistan	Jotun Paints Factory MEP Design	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	Description: Civil Structural Design Calculation and Documents	September 2019	
40	Pakistan	Lithium Batteries Supply to 365MW Lalpir Power Plant	Equipment Supply Material Supplied: Lithium Batteries	November 2019	
41	Pakistan	MV Switchgear 365MW Lalpir Power Plant Third Party Services	Services Contract Services Awarded: MV Panel Inspection and testing	November 2019	
42	Pakistan	Sugar Mill Pinions Inspection Services	Services Contract Services Awarded: Inspection on behalf of Czech Republic Company	November 2019	
43	Pakistan	220kV Control and Protection Panel Inspection Services	Services Contract 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	