



OPTIMUM ENGINEERING SERVICES

MISCELLANEOUS PROJECTS LIST

S. No.	Client	Description
1	Orient Energy Systems (Private) Ltd.	Preparation of Buildings electrification detail drawings, Specifications and BOQ.
2	Pakistan Refinery Limited.	Study of existing Pumps 1304-J & 1302-J with Fuel Oil Piping Fit-For-Purpose At PRL Korangi.
3	Total Parco Pakistan Ltd.	Preparation of As-Built Layout of Rawalpindi Terminal for submission to Explosive Department.
4	Total Parco Pakistan Ltd.	Preparation of As-Built Layout of Keamari Terminal for submission to Explosive Department.
5	Total Parco Pakistan Ltd.	Study for installation of MOVs at Keamari Terminal
6	Attock Refinery Ltd.	Design of fixed water spray system for Pumps / Compressors at Attock Refinery Ltd.
7	Total Parco Pakistan Ltd.	Consultancy for concrete flooring of dyke area of Tanks CTX-01, CTX-05 and CTX-20 at Keamari Terminal.
8	Sindh Nooriabad Power Company (Pvt.) Ltd.	Design & preparation of Drawings, Specifications & BOQ for Old Water Reservoir at SNPC Plant Site.
9	Futehally Chemicals (Pvt.) Ltd. (Unilever Pakistan)	Detailed Engineering Services for Installation Of FW Hydrant and Sprinklers at New Tower Area, Futehally Chemicals Plant.
10	PakArab Engineering (Pvt.) Limited.	Rigging Study for lifting of CN Buffer Tank for placement at foundation.
11	Total Parco Pakistan Ltd.	Consultancy Services For Undergrounding The Existing Semi Burried Tanks at Machike Terminal-1, including Civil & Piping Works.
12	Total Parco Pakistan Ltd.	Design of RCC Pit for Buried Horizontal Tanks at TPPL Shikarpur Terminal.
13	AJ Corporation	Engineering Services for Upgradation and conversion of Tanks No. T-815, T-816 & T-817 at PSO Mehmoodkot Terminal to PMG Service, including related Piping & Ancillary Works.
14	Attock Refinery Ltd.	Design of Foundation for new FFO Tank (60' Dia. & 3673 KL Capacity) at Attock Refinery Ltd.
15	Total Parco Pakistan Ltd.	Design / Preparation of Scope of Work for Rehabilitation of Tank No. TK-05 & FW Tank-1 at Rawalpindi Terminal.
16	Pakistan State Oil Company Limited	Designing of Oil Water Separator for Retail Outlets.
17	Total Parco Pakistan Ltd.	Consultancy for concrete flooring of dyke area of Tanks CTX 02, CTX 06 & CTX 08 at Keamari Terminal.
18	Al-Tariq Constructors (Pvt.) Ltd.	Upgradation of Product Loading System at PSO's Mehmoodkot Installation.



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	Total Parco Pakistan Ltd.	Re-designing of Boundary Wall and Warehouse at Machike Terminal.
19	Pakistan State Oil Company Limited	Hydraulic Analysis of Product Handling System at KTA (GASO+KERO).
20	AJ Corporation	Design of Pile Foundations for Storage Tanks at PSO Mehmoodkot Terminal.
21	Total Parco Pakistan Ltd.	Electrical Upgrade of TJB Terminal.
22	Total Parco Pakistan Ltd.	Design works for geo-membrane, dyke flooring & Tank-03 cooling/foam system at RT and vetting of Product & FF System Piping at TJB Depot.
23	Be Energy Ltd.	Design of Lubricants Drums Storage Warehouse at PQ Terminal-1, based on PEB Structure complete with all Civil, Electrical Works and Fire Alarm System.
24	Siddiqsons Limited.	Structural Design Evaluation of Existing ETP Tanks, Structural Strengthening of ETP Tanks for future extension and Design of Structural Modifications & facilities proposed for the Effluent Treatment Plant.
25	BASF Pakistan (Pvt.) Limited	Installation of AFA Agitator on Reactor R-207
26	Total Parco Pakistan Ltd.	Miscellaneous Consultancy Jobs at Machike Terminal and Tarujabba Depot.
27	Pakistan Refinery Limited.	Development of Piping Specifications for LPG System at PRL.
28	Total Parco Pakistan Ltd.	Design of Misc. Civil Structures, Electrical Works and Re-Location of Calibration Unit At Kemari Terminal.
29	AJ Corporation	Preparation of Piping Isometric Dwgs. & MTO for Be Energy Mehmoodkot Terminal
30	Pakistan State Oil Company Limited	Development of Layout and P&ID for Booster Station at Port Qasim P1 Area.
31	Lotte Chemical Pakistan Ltd.	Design Vetting of Filter Housing Fil1
32	Pakistan Refinery Limited.	Installation Of 108-FN Vessel (LPG Vapourizer) and associated Civil, Piping and Instrumentation Works.
33	Be Energy Ltd.	Rehabilitation of Product Pumps & Associated Civil, Structure, Piping and E&I Works.
34	Archroma Pakistan Ltd.	Design of Shed over Scientific Center Roof.
35	Bakri Energy Ltd.	Design of Inter Tank Transfer System for Mogas Tanks at Terminals 2 & 3 at Port Qasim.
36	Pakistan Refinery Limited.	Waste Water Treatment Plant Pumps Replacement Project.



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S. No.	Client	Description
37	Pakistan Refinery Limited.	HAZOP Study for 4.5 MW Gas Based Power House and Waste Heat Recovery Boiler at PRL. Conduct the study as HAZOP Chairman and submit Report.
38	Pakistan Refinery Limited.	Civil and Structure Design for Installation of Waste Heat Recovery Boiler at PRL
39	Pakistan Refinery Limited.	Modification in Civil foundation and Piping of 1303-JB Pump at Korangi.
40	Engro Polymer & Chemicals Ltd.	Design, preparation of Architectural, Structural Drawings & BOQ for Analyzer Room.
41	Descon Engineering Services and Technology (Pvt) Limited (formerly Descon Integrated Projects (Pvt) Limited)	3-D Modelling, Development of As-Built Plot Plan, Piping Layouts & Isometrics for National Refinery Ltd. As-Built Project.
42	Pakistan Refinery Limited.	Design Calculations & Study for 101-E Column Support.
43	Descon Engineering Services and Technology (Pvt) Limited (formerly Descon Integrated Projects (Pvt) Limited)	Modification of Existing LPG Reflux Drum 101-V15 of M/s. National Refinery Ltd.
44	Lotte Chemical Pakistan Ltd.	Design of Foundation for Exchanger E1-725.
45	Aqua Zone Water Technology.	Engineering Services for Water Treatment Plant.
46	Pakistan Refinery Limited.	Design of temporary ramp / bridge for vehicles.
47	Descon Engineering Services and Technology (Pvt) Limited	Drafting Services at DEST Karachi Office.
48	Pakistan Refinery Limited.	Updating of P&IDs & Design of TRV System at Korangi Tank Farm.
49	Transtrade (Pvt.) Ltd.	Conceptual Design and Cost Estimation of MS Handling Terminal at Port Qasim.
50	Chevron Pakistan Ltd.	Study for Fire Fighting Network at Shikarpur Terminal.
51	Technomen Kinetics Pvt. Ltd,	Design of Transformer Foundation & Fire wall as per NFPA 850, for Sindh Nooriabad Power Company (Pvt.) Ltd.
52	Pakistan State Oil Company Limited	Consultancy Services for Hydraulic Study / Analysis For Prerequisites of RBI Inspection at PSO KTA.
53	Pakistan Refinery Limited.	Sizing and preparation of Data Sheets for Thermal Relief Valve System at Korangi Tanks No. 17, 18, 25, 26, 27 & 28.
54	Fauji Oil Terminal & Distribution Company Ltd.	Reproduction and modifications of P&IDs for the Fire Fighting and Product Unloading Systems at FOTCO Jetty.



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55	Technomen Kinetics Pvt. Ltd,	Following jobs for a 100 MW Power Plant at Nooriabad: Design and Detailed Engineering of Miscellaneous Tanks & Foundations; Design of 100m x 25m x 4 m Underground RCC Water Storage Tank; Checking of Foundation Design of Pre-Engineered Building as per New Location.
56	Pakistan Refinery Limited.	Design and Detailed Engineering for installation of Thermal Relief Valve system at Korangi Tanks No. 10, 28 & 39.
57	Industrial Development & Engineering Associates (IDEA)	Design Vetting Of Fire Monitor Tower Structure at Engro LNG Terminal.
58	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation of MTO For Bladder Vessel Surge Protection System for The Umm Wu'al Phosphate Project.
59	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation Of MTO For Low Pressure Storage Tanks of SABIC.
60	Gulf Heavy Industries Co., Saudi Arabia.	Basic Design & Preparation Of MTO For Above Ground LPG Tanks For Gasco.
61	Litwin PEL LLC., UAE	Preparation of As-Built Drawings for GASCO's NGL Pipeline Pumps Installation Project.
62	Litwin PEL LLC., UAE	Preparation of As-Built Drawings for GASCO's Upgrading of Substation-19 At Maqta FEED Project.
63	Industrial Development & Engineering Associates (IDEA)	Design of Civil & Piping Works for Installation of Cooling Tower at Rahimyar Khan Plant of M/s. Unilever Pakistan Ltd.
64	Lotte Chemical Pakistan Ltd.	Services Of AutoCAD Draftsman at LCPL Plant.