

References

Customer	Project Title	Year
GEMSA	Zaafarana De-bottle Necking	2012
GEMSA	Fire Fighting Upgrade Project (Feasibility Study) Gemsa Platform	2012
GEMSA	CCTV	2012
ESHPETCO	Upgrading Control system of Exiting Tanks and Installation of new pumps (Basic & Detailed) in Eshpetco	2012
PETROGULF	Modification & Upgrade of Exiting Open and Closed Drain	2012
PETROGULF	New Transfer Pump	2012
PETROGULF	New Lagoon	2012
MANSOURA	Upgrading of West Khelala Flow lines	2012
EGC/SUDAN	New Pipeline (43 Km) and Pumping Station	2012
EMC/GPC	LL87-2 Platform	2012
OAPCO	Water Injection	2012
DPS / BAPETCO	Instrumentation	2012
RWE	FEED for Disouq Field Development	2011
Al Mansoura Petroleum Company	West Khelala Detailed Engineering	2011
PICO	Detailed Engineering for Open/closed-Drain system	2011
PICO	Detailed Engineering for Transfer Pumps replacement	2011
BG-PETRONAS BURULLUS	Ball Valves – Simian / Sienna Development Project	2011
ENPPI	Well Head Control Pannel – SETH Project	2011
ENI-Petrobrel	E&I Module – SETH	2011
ENI-Petrobrel	MICROTURBINE – SETH	2011
ENI-Petrobrel	Fuel Gas Skid – SETH	2011
Power System	2 Gas Filter Separators for Abu Qir Thermal Power Plant	2010
Vegas	Early Crude Oil Production Facilities & Tie-in with SUCO Storage Tanks	2010
Eddison	Detailed Engineering for Piping for South Batra Gas Dehydration Plant	2010
Arabian Oil Company	Engineering study to comingle AOC crude production with SUCO crude	2010
Edison	Basic & Detailed Engineering for Crude Oil Early Production Facilities WWER	2010
PICO	Techno-Economic study for Zaafrana FSPO Facilities Relocation	2010
APACHE	Basic Engineering for Qasr Fuel Gas System	2010
PARENCO	FEED for Water Disposal System and Tanks Design	2010
PICO Misr (Geisum)	Onshore and Offshore Process Study	2010
BG-PETRONAS	Pipeline Management System	2010
ENI-Petrobrel	E&I Module – Denis B	2010
ENI-Petrobrel	MICROTURBINE – Denis B	2010

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<b>Customer</b>	<b>Project Title</b>	<b>Year</b>
ENI-Petrobrel	Chemical Injection Skid – Denis B	2010
PICO Misr (Geisum)	Basic, Detailed Engineering & Procurement Services	2010
ENI-Petrobrel	Fuel Gas Skid – Denis B	2010
Abu Qir Petroleum Company	EPC Offshore Platform – NAQ PII	2010
Edison	WWER Crude Plant Conceptual Study	2009
APACHE	Basic Engineering For Crude Oil Gas Boot	2009
PICO Misr (Geisum)	Basic Engineering for WP-C Phase II Development project – Change Power Fluid	2009
PICO Misr (Geisum)	Detailed Engineering for fire fighting system	2009
Petrojet	Basic Engineering for Crude Oil Production Facilities	2009
RWE	Gas Plant Conceptual Study	2009
Edison	Abu Qir Development Study (Techno-Economic)	2008
Edison	Marakia Offshore Oil Field Production Facilities Development	2008
Eni Oil Libya	Feasibility Study for Water Disposal System Upgrade	2008
PICO	Techno-Economic study for Relocation of Gemsa Onshore Production Facilities	2008
APACHE	Basic Engineering For Hyat fuel Gas system	2008
Petro Alam Vegas	FEED Study for Al Assil 1x (KHARITA) - Pre-FEED for crude plant, Gas dehydration plant and LPG plant	2008
Qarun Petroleum Company	Pipeline Detailed Design Engineering	2008
PICO Misr (Geisum)	Wellhead Platform Development Project “SETTY”	2007
WEPCO	Developing Piping Interconnecting System	2007
APACHE	Fuel Gas System Upgrade	2006
APACHE	Kahraman Gas Boot Basic Design	2006
PICO Misr (Geisum)	Wellhead Platform Development Project “WP-C and WP-D, Zeit Bay”	2006
Syrian Petroleum Company	Sweidieh Massive Development Project, Al Hassake Oil Fields	2006
PICO Misr (Geisum)	Wellhead Platform Development Project “WP-A and WP-B, Zeit Bay”	2005
ENI-Petrobrel	F&G Detection System – ElGamil Project – Phase II	2008
Pharonic Petroleum Company	SCADA	2008
GUPCO	Gas Metering Skid	2006
GUPCO	Gas Metering Skid	2006
ENI-ENI-Petrobrel	Semman Platform E&I Module	2006
GASCO	Gas Filters	2006
PICO Misr (Geisum)	Flare Package & Flare Tip	2006
ENPPI	Metering skid for GUPCO/ Hapy Gas Plant Project	2006
ENI-Petrobrel – ENI	2 x LTS Portfouad LNG Supply Gas Train	2006
ENPPI	Ball Valves / Rosetta Field Development Project	2006
ENPPI	Gas Filters & Strainers for ARAMCO Gas Plant	2006

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Customer	Project Title	Year
BP-GUPCO	Safety Valves for Taurt Sub Sea Development Project	2006
BP-GUPCO	Ball Valves for Hapy Gas Plant Project	2006
ENPPI / BG-PETRONAS	Chemical Injection Skid for Rosetta Field Development Project	2006
ENI-Petrobrel	Temsah Platform Separation Train	2004
ENI-Petrobrel	El Gamil Stabilization Units	2004
APACHE	14 El Qasr Chemical Injection Package	2004
BG-PETRONAS	Diesel Generator Package	2004
ENI-Petrobrel- ENI	Temsah Platform North West 2 Gas Train	2005
BP- GUPCO	Ha'by Platform Meetering Skid	2005
APACHE	Gas & Fire Detection Package	2005
Western Desert Petroleum Company	Water Desalination Skid	2005
Agiba	Five Gas Filters Units for Field Development Project	2006
ENI-Petrobrel	Thekah Development Offshore Project EPC Offshore Platforms	2007
ENI-Petrobrel	North Bardaweel Microturbine Power Generation Module	2007
ENI-Petrobrel	Denise A Platform Chemical Injection Skid	2007
ENI-Petrobrel	El Gamil Gas Plant Fire and Gas Detection System – Phase I	2007
Petrojet	24 Stainless Steel Heat Exchangers / Gasco Maximization Plant	2007
ANRPC	Revamping Project for Unit E 301 / Naphta Plant	2007
Qarun Petroleum Company	Four Filtration Skids/ Karama Field Water Proof Project	2007
Town Gas	Heaters and Filters Separators	2007
BG-PETRONAS	Safety Valves	2007
GUPCO	Safety Valves	2007
BURULLUS	Ball Valves for Field Development Project	2007
Egypt Gas	Two Indirect Gas Heaters /Sharm El Sheikh & Shubra Gas Plant Project	2007
ENPPI	Gas Strainers for ARAMCO Khafji Project /Saudi Arabia	2007
UHDE INDIA	Tank Flare Package	2007
Petrojet	3 Indirect Heaters and 3 Separators for APACHE (KPC) Field	2008
ENI-Petrobrel	Tuna E & I Module	2008
Qarun Petroleum Company	Fuel Gas Skids – Karma Power Plant	2008
ENPPI	Heater Treater for Petrotrade Spent Oil Project – Suez	2009
<b>Dynamic Simulation &amp; Flow Assurance Studies</b>		
El Ruweis/ Cryostar	Turbo Expander Project	2011 2012

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Customer	Project Title	Year
BG	Flow Assurance & Optimization Study for Pipeline Network	2012
Maersk Oil Qatar	BE produced water system Surge analysis study	2011
ADMA / Fluor	Um-LULU Dynamic Simulation Study	2011
Sonatrach / Cryostar	Rhourde Nousse Compressor Simulation	2010 2011
ADMA-OPCO/NPCC	ZCSC Demothballing Surge Anallysis & HIPPS evaluation	2010 2011
Sonatrach (El Merk) / Petrofac / Cryostar	Dynamic Compressor Simulation Study – Turbo Expander Package	2010
ARAMCO / Jay Ray McDermott	Karan Flow Assurance Study	2009 2010
ENPPI/MAN MAN Turbo AG	AG Aqaba Compression Station	2009 2010
ENNPI/Burullus Gas (BG JV in Egypt)	Dynamic Simulation Study (Compressor and Pipeline)	2009 2010
BP Egypt	Flare Network Modeling & Simulation	2009
Maersk Oil Qatar	Dynamic Compressor Simulation Study - B & E Location - End of Life	2009
PDO	Qarn Alam - Operator Training Simulator Modeling	2008 2009
RASHPETCO (BG JV in Egypt)	Pipeline/Production Management System for Subsea Pipeline	2008 2009
Maersk Oil Qatar	Dynamic Compressor Simulation Study - B & E Location	2008 2009
GUPCO (BP JV in Egypt)	Operator Training Simulator for Taurt Field - LTS Facility	2008 2009
ADGAS	Dynamic Compressor Simulation Study	2008 2009
Maersk Oil Qatar	Liquids Dynamic Analysis - B & E Location	2008
Shell QA (Pearl GTL Plant) / Honeywell UK	Operator Training Simulator - Dynamic Simulation Models	2007 2008
CCC/ARAMCO	Khafji Joint Operations Dynamic Compressor Simulation Study	2007 2008
Maersk Oil Qatar	Dynamic Compressor Simulation Study - B Location	2007
ENNPI / ARAMCO	Multi-Phase Flow Assurance Study	2006 2007
ENNPI / ARAMCO	Flow Assurance Study for Water Disposal System Upgrade	2006 2007
Qatar Petroleum	Dynamic Modeling & Simulation for QP Mesaieed NGL Plants 1, 2, 3, 4	2006 2007
ADMA-OPCO	Production Planning & Optimization Software Tool	2006 2007



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### References in Qatar

Client / Project/Nature of Work	Contract Value US\$	Scope Title	Peak Man-power	Role	Award Date	Completion Date
Qatar Petroleum	240,000	Dynamic Modelling & Simulation for QP Mesaieed NGL Plants 1, 2, 3, 4	6	Dynamic Simulation	2006-2007	2007
Maersk Oil Qatar	41,000	Dynamic Compressor Simulation Study - B Location	3	Dynamic Simulation	2007	2007
Maersk Oil Qatar	44,000	Liquids Dynamic Analysis - B & E Location	3	Dynamic Simulation	2008	2008
Maersk Oil Qatar	42,000	Dynamic Compressor Simulation Study - B & E Location	3	Dynamic Simulation	2008	2009
Maersk Oil Qatar	47,000	Fuel Gas Study	3	Dynamic Simulation	2009	2009
Maersk Oil Qatar	39,960	BE produced water system Surge analysis study	3	Dynamic Simulation	2011	2012
Maersk Oil Qatar	47,520	EA Separation train dynamic analysis	3	Dynamic Simulation	2011	2011
Maersk Oil Qatar	32,400	DA Export pumps	3	Dynamic Simulation	2011	2011

**N.B: The Qatar Petroleum project was completed via a contracted, and not with Qatar Petroleum directly**