

No	Brief Description of Project	Year
1	Provision for Engineering Services for Aviation Refueling Vehicle Equipment Permit Mesin Angkat (PMA) and Permit Mesin Tekanan (PMT) Certification at PDB Terminals.	2016-2017
2	Provision of manpower, materials, equipment, tools and consumables to service and test main winch & motor of a deck crane.	2017
3	Provision of manpower, materials, equipment, tools and consumables to trouble shoot, rectify and test crane main hydraulic pump and main winch braking system.	2017
4	Provision of Manpower, Equipment, Tools and Consumables for Annual Inspection and Load Test of Tarpon Pedestal Crane onboard an offshore platform.	2017
5	Provision of manpower, materials, equipment, tools and consumables to inspect and refurbish a mooring winch hydraulic motor.	2017
6	Slewing Jib Crane & Associated Works at PDB Labuan Fuel Terminal.	2016
7	Provision of Crane Technician / Engineer to trouble shoot and rectify Crane Braking system	2016
8	Provision of Manpower, Tools, Equipment and Consumables to carry out Crane Inspection and Rectification onboard FPSO Kikeh	2016
9	Rectification and Calibration of Crane Safe Load Indicator System, carry out crane rocking motion test.	2016
10	Change Out Crane Main Winch of Deck Crane onboard a FPSO.	2016
11	Annual Inspection on Crane & Derrick onboard a FSO.	2016
12	Annual Crane Condition Evaluation	2016
13	Inspection of platform support - Personnel Transfer Bridge (PTB)	2016
14	Repair, service & Test Luffing Cylinder at workshop	2016
15	Rectification of Hydraulic Cylinder of Herkules Crane	2016
16	Repair of Auxiliary winch (Braden Winch)	2016
17	Provision of Manpower, Equipment, Tools and Consumables to change out luffing cylinders and thereafter load test of crane.	2016
18	To supply a new 15ton offshore pedestal crane API 2C, 6 th Edition	2014-2015
19	To refurbish a FMC Link Belt crane including re-engineering to extend boom length and upgrade / retrofit to include man riding functions.	2015
20	Crane upgrade / retrofit to include Design, Fabrication and Installation of HPU Deck, Operator Cabin and Man Riding Capability and Functions.	2015
21	To perform Rocking Motion test on a Favco crane onboard a vessel.	2015
22	Provision of Crane Inspector / Specialist to inspect and function test man riding components and function of crane onboard a vessel.	2015
23	Rectification of RAM Cylinder of Starboard Crane. To carry out crane load test after rectification work completed.	2015
24	Provision of Manpower, Equipment and Tools to carry out inspection and load test of cranes and derrick onboard a FSO.	2015

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25	Replacement of wire ropes, carry out upgrade works on cranes onboard MOPU.	2015
26	Provision of manpower, equipment and tools to service and test Auxiliary Winch of Appleton crane.	2015
27	Rectification, upgrade and Load Testing of Cranes onboard MOPU.	2014-2015
28	To retrofit and upgrade a 4 ton provision crane to include: i. Man riding function ii. Lengthen boom length to enable to reach to personnel transfer boat iii. Provide independent power system to crane	2014
29	To upgrade a Link-Belt 218A onboard rig to include Manriding function & CLASS recertification.	2013-2014
30	Rectification of RAM Hydraulic Cylinders of Hercules Crane on board a FSO.	2014
31	Inspection & Replacement Radiator Fanhub onboard a FSO.	2014
32	Installation & Commissioning of Markload Safe Load Indicator (SLI) onboard a FSO.	2014
33	Provision of Manpower, Equipment, Tools and Consumables for Maintenance and Overhauling of Derrick on a FSO.	2014
34	To supply Crane Operator to support heavy lifting operations onboard a FPSO.	2014
35	Provision of Operations and Maintenance of a 400ton Liebherr Crane.	2013-2014
36	To supply technician to change leaking luffing hydraulic ram seal of pedestal crane onboard a FPSO.	2013
37	Inspection, Service and Load Test of Air Hoist Turret onboard a FPSO.	2013
38	Load Test of Cranes and Derrick onboard a FSO.	2013
39	Carry out Annual Inspection of cranes onboard MOPU.	2013
40	To strip down a 500 ton Liebherr crane; refurbish, upgrade, reinstall, load test and re-commission to meet LR and GL standards. Works include: <ul style="list-style-type: none"> • Carry out complete refurbishment of crane structure, mechanical & electrical equipment. • Install and commission crane on board new barge and carry out load testing of the crane. • Carry out all re- engineering, crane foundation analysis, crane structural analysis, Max Design Loads at Upper Flange. • To design and provide FEA engineering Drawing , Crane Foundation Strength Calculation and Barge stability Calculation and repair and refurbishment works. Project staggered to match client project schedules. 	Sept 2011- Mar 2013.
41	To refurbish, test, commission and certify of 2 National Cranes model OS 105 on board drilling Rig "Boss 6", Certification as to ABS Standards.	2012-2013
42	To make an initial assessment and substantially plan and carry out leaking hydraulic rams on board FPSO-Pedestal cranes. Rectification included Ram seal. Replacement and other parts.	2012
43	To renew various parts of American Aero crane on board FPSO. Renewal included hydraulic hoses and system, repair leaking hydraulic pumps, faulty instrumentation, replacement of sheave bearings of hook blocks, A Frame and Bridle sheave and wire ropes. Services included servicing limit switches, SLI, re-torque mounting bolts (renew where necessary after MPI). Perform load Test upon completion.	2012
44	Repair of crane on board FPSO including repair and service or replacement of Aviation and Flood Lights, Swing Control Valve, Fly Control Valve, Main Control Valve, Load Indicator,	2012

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	Emergency Engine Kill Water Pump, Leaking), Air-Starter, Limit Switches, Winch Hoist and reconfigure Safety System.	
45	Replacing Bearing and Oil Seal on board crane.	2012
46	Inspects Repair and Service Old Crane on board MOPU. Propose and renew crane to handle original capacities.	2012
47	Load Test of Cranes and Derrick onboard a FSO.	2012
48	Provision of Operations and Maintenance service to Heavy Lift Crane of 250 Ton and to provide operations and maintenance of 350 ton Manitowoc crane.	2010-2012
49	To refurbish all mechanical and structural components of a 25 ton Seaking Crane. To re-engineer and repair bent lattices or boom structures.	2012
50	To supply, install and commission a fully refurbished and recertified 60 ton Seatrax Crane (Model S6020). Work includes upgrading lift capacity of crane to 80 tons.	2012
51	To supply, install and commission a refurbished and recertified 45 ton offshore pedestal mounted crane. Crane certified to LR Standards.	2012
52	To supply, install and commission 2 units of refurbished 45 ton offshore Liebbher cranes.	2012
53	To provide certified crane inspectors and skilled technical crew to perform change-over of wire rope of 3 Hose Handling Crane on board a FSO. To carry out load test and certify cranes.	2011
54	To inspect, trouble shoot and repair seriously damaged SLI. Install, test and commissioned the repaired SLI.	2011
55	Provision of manpower, materials, equipment, tools and consumables to supply and replace wire rope for provision crane and overhead crane & to perform cargo gear testing and crane load test onboard a FSO.	2011
56	Provision of manpower, equipment, tools and consumables to carry out inspection and conduct load test for lifting equipment onboard a FSO.	2011
56	To dismantle old winch, supply and install boom hoist winch. Carry out Planned Maintenance of the crane onboard a FSO.	2011
57	Provision of offshore crane operations & maintenance services including inspections, recertification services and onshore based support to manage crane maintenance services for deepwater platform Kikeh.	2007-2011
58	Supply of R&M parts for Seaking Cranes (30 units) and maintenance support services for offshore crane.	2007 till 2011
59	To remove, strip down a 25yr old 100 ton Favco crane from an offshore accommodation work vessel; refurbish, upgrade, reinstall, load test and re-commission to meet BV NI 1&4 and API RP 2D standards. Works include; <ul style="list-style-type: none"> • Taking out slew ring, carry out integrity assessment, service and repair slew ring and reinstall for a specific place & time while waiting for new slew bearing to be manufactured and install. • Design and manufacture new slew ring, design lifting/support structures plus enable change out the slew ring offshore. • Carry out complete refurbishment of crane structure, mechanical & electrical equipment. • Carry out all engineering, repair and refurbishment works and make recertification. 	June 2010 – March 2011
60	To provide R&M services to 2 units Techcranes (50 ton and 15 ton cranes) on board well service and Production vessel (call out as required only).	2009 - 2011
61	Engineer, size, procure, supply, install and commission new man-riding winch to replace old winch on board a 15 ton crane.	2010

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62	Provision to manpower, equipment and tools to perform load test of cranes & derrick onboard a FSO.	2010
63	To inspect and recertify monorail / trolley hoist onboard a FSO.	2010
64	To perform crane inspection, maintenance & recertification, supply of water bag & technician for level 3 crane operator training.	2010
65	To carry out annual inspection & services for lifting device onboard a FSO.	2010
66	To perform inspection, servicing load test and recertification for DTU-SPAR material handling equipment.	2009
67	To provide Electrical Training	2009
68	To refurbish, recertify, install commission two units of 35 ton crane onto an offshore accommodation barge.	2009
69	<ul style="list-style-type: none"> - To install and commission a 50 ton Techcrane. - To design supply and install ELLS system on a 50 ton crane. 	2009
70	To design, fabricate, test, install and commission a new design / high technology 28m beam compensated gangway. Gangway to be made of aluminum.	2009
71	To design, fabricate, supply and commission a 250 ton new Lattice Boom API Marine Crane for offshore work barge.	2008-2009
72	To supply technical and commissioning team to rig down 125 ton crane to enable owner to extend pedestal height. Upon completion of extension of pedestal height to reassemble, install, commission and load test crane onboard drill ship.	2008
73	To fabricate, supply and commission a 30 ton new fixed boom API Marine Crane to be fitted onto a FPSO.	2008
74	To make temporary repair and recertified damaged boom section onboard vessel. Work included engineering verification and certification by clean of new load ratings of crane with repaired boom. Vessel was able to resume work within 40 days.	2008
75	To refurbish, recertify, supply and install commission 35 ton crane onto an offshore accommodation barge.	2008
76	To commission and install 2 pedestal cranes onboard production jack up (50 ton and 30 ton cranes). To load test and certify both cranes as per API requirements.	2008
77	To purchase, refurbish and supply a 60 ton crane to be install on an offshore support vessel.	2008
78	<p>Scope of work include;</p> <ul style="list-style-type: none"> • To rig down a damaged crane (12 ton) from an offshore DSV. • To carry out engineering support work including design and fabrication of a pedestal adaptor and crane foundation arrangement to facilitate a larger crane Hydralift (30 ton) to upgrade DSV's lifting operations. • To carry out stability and structural analysis. To load test and certify installed Hydralift crane • Modified trim stability booklet. 	2007- 2008
79	To repair damaged boom and recertify boom after repair (Seatrx R450). Load test and certify crane. To carry out annual inspection of 25 ton Pyramid Crane onboard.	2008
80	<p>Refurbishment of crane Model BMC 900. Scope of work include;</p> <ul style="list-style-type: none"> • Refurbish and install 35 ton BMC crane onto jack up • Test and certify all life boats davits on jack up - load test and certify all 3 cranes onboard jack up(400 ton Gottwald crane, 50 ton Natilius crane and 35 ton BMC crane). 	2007- 2008

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81	To provide technicians and parts to carry out routine Planned Maintenance, repair and maintenance services of offshore pedestal cranes.	2008-2010
82	To supply technicians to assist manufacturer in assembly, installation and load testing of new hydraulic Patriot cranes.	2008
83	To supply and change out wire rope on cranes on board FPSO. To carry out annual inspection and carry out load test of cranes.	2008
84	To commission and install a 30 ton telescopic Techcrane at Equate Petrochemical facilities in Kuwait.	2008
85		
86	To refurbish, recertify, supply and install commission a 60 ton crane onto an offshore accommodation barge.	2008
87	To perform audit and inspection of cranes onboard FPSO in accordance to API and BV standards.	2008
88	To load and recertify 3, 5 & 7 ton monorail hoist. To repair, retest and recertify 5 ton hoist.	2008
89	Provision of offshore marine vessels to support transportation and installation of offshore platforms and pipelines in South China Sea.	2008
90	To provide Intensive English Course for Professional.	2007-2008
91	To refurbish and supply 2 x 35 ton cranes (Bucyrus Erie Model MK 35)	2007
92	Provision of Accommodation and Maintenance Support Vessel	2007
93	Provision of Spot Charter of 1 unit of Fast Crew Boat	2007
94	Design and conduct course on Media Handling during Crisis	2007
95	Audit and review of 26 offshore cranes and reproduction of latest data and operating manuals. Supply of crane components and parts. Maintenance Support Services for offshore cranes.	2005-2007
96	Supply, refurbishment, install and commission 25 ton used crane model Seaking Crane Model SK1900.	Oct 2006 to Feb 2007.
97	To design, build and supply a 110 ton new offshore pedestal crane to support drilling operations. Crane model L200.	Aug 2006-Mar 2007
98	Supply, refurbish, install and commission a 90 ton recertified offshore crane pedestal crane onboard an offshore construction barge. Crane Model: SK3500.	2006
99	Supply, install and commission a 45 ton refurbished and recertified offshore pedestal crane onboard an offshore Maintenance Support Vessel.	Feb-June 2006
100	Supply, install and commission a 25 ton refurbished and recertified offshore pedestal crane onboard jack up rig converted to a production facility.	2006
101	Supply, refurbishment and recertification of Seaking Crane model 1900 onboard offshore maintenance support vessel.	2006
102	Design and conduct technical training program for mechanical technicians	2006
103	Repair and built bent boom and replace damaged boom butt with newly manufactured boom.	Nov 2005-Feb 2006
104	Refurbish and recertify a 30 ton BOP handling system.	2003