

# COMPLETED PROJECTS

| NO                                      | NAME OF CONTRACT AND LOCATION   | DESCRIPTION OF WORK  | PROJECT START DATE AND DURATION OF PROJECT   | CLIENT'S NAME  | CLIENT CONTACT PERSONNEL REFERENCE                                 | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|---|---|--|--|--|--|-------------------------|--------------------------|
| <b>CATEGORY: MECHANICAL ENGINEERING</b> |   |  |  |  |  |                         |                          |
| 1.0                                     | Procurement, Construction And Commissioning (PCC) - Mechanical. Piping, Insulation And Civil Work At Export Terminal Unit 4 And Common Area For PETRONAS Gas Berhad | Works Inclusive of fabrication and tie-in in the new piping, associated instruments, mechanical, valves, structural modification, scaffolding, blasting & painting, and insulaion works for plant shutdown in Export Terminal.   | Awarded on 8 September 2014. Scheduled Completion on 25 August 2015                    | PETRONAS GAS BERHAD  | M Hashim B M Noor  | RM12,264,992.00         | 100%                     |
| 2.0                                     | Provision of Supply, Fabrication, Installation, Construction and Commissioning of Sumandak SUDP-A Casing Blowdown Lines Rectification For Petronas Carigali Sdn Bhd | Works Inclusive of fabrication and tie-in in the new piping and associated components to existing affected wells, reroute of existing lines to avoid physical classing with new lines, associated instruments, mechanical, valves, structural modification and installation, commissioning and field testing of the installation, removal of some parts of existing facilities i.e. handrails, deck member, grating, plate, etc. | Awarded on 23 June 2014. Scheduled of Completion on 31 June 2015                       | PETRONAS CARIGALI SDN BHD - SABAH OPERATIONS               | MARTIN HUAN GUIKAI<br>MECHANICAL DEPARTMENT<br>088-525200          | RM1,427,850.00          | 100%                     |
| 3.0                                     | Engineering, Procurement, Construction and Commissioning of EPV Topside Process Equipment   | Provision of Early Production Vessel EPV Top Side Equipments (EPCC) Including (HP & LP Separator, HP & LP Flare Knock out Drum, Fuel gas Scrubber & Filter Coalescer), Produced Water HP & LP Water Hydrocyclone, Produce Water Degasser Vessel, Heat Exchangers ( Well Fluid heat Exchanger, Inter Stage Heater Crude Oil Cooler) and Flare System)   | Awarded on 23 <sup>rd</sup> January 2012. Completed 30 June 2014                       | BC Petroleum Sdn Bhd                                       | Mr Narayanan<br>03 - 9207 9776<br>Senior Manager - Engineering     | RM13,000,000            | 100%                     |
| 4.0                                     | Provision Of Service To Reverse Engineering One (1) Unit And Refurbish One (1) Of Expansion Turbine For Nitrogen Plant Et4820 & Et4830                              | Service to Reverse Engineering One (1) Unit and Refurbish One (1) Unit of Expansion Turbine  | Awarded on 13 April 2012. Completed on 30 June 2014                                    | Malaysia LNG   | Mr Fahmi Ali<br>086-856013 /<br>017-7126859<br>Mechanical Engineer | RM150,000               | 100%                     |
| 5.0                                     | Project GU12230 – New 1.5m3 Tank Equipped with Agitator for Belt Press Polymer  | Works Inclusive of Replacement the existing 1m3 belt filter press polymer tank (VD-4016) with the new 1.5m3 stainless tank complete with agitator complete with instrument, electrical, civil, structural and mechanical works   | Awarded on 19 December 2013. Completed on 15 May 2014                                  | PETRONAS Chemicals Derivatives Sdn. Bhd.                   | SMSO Mechanical Department<br>609-8307700                          | RM88,000                | 100%                     |
| 6.0                                     | To Service PI-2711 at Utilities Kerteh (UK), GPU  | Work inclusive of supply competent manpowers, tools, parts, materials, consumables and workshop facility to repair/refurbish 6" pump pipes, elbow and Ystrainer for two units of P1-2711 (Backwash Sump Pump)  | Awarded on 3 February 2014. Completed on 17 February 2014                              | PETRONAS Gas Berhad  | Khairun Nizam Roslee<br>09-8673668                                 | RM26,570                | 100%                     |
| 7.0                                     | To Supply and Deliver the Rupture Disc  | Works Inclusive of Supply and Deliver the Rupture Disc to PETRONAS Chemicals Derivatives Sdn. Bhd.   | Awarded on 19 December 2013. Completed on 5 February 2014                              | PETRONAS Chemicals Derivatives Sdn. Bhd.                   | SMSO Mechanical Department<br>609-8307700                          | RM15,250                | 100%                     |
| 8.0                                     | Provision of Safe Welding Enclosure (Habitat) With Maintenance Support Services for ExxonMobil Exploration and Production Malaysia Inc.                             | Provision of Safe Welding Enclosure (Habitat) With Maintenance Support Services for ExxonMobil Exploration and Production Malaysia Inc. (Offshore). Works inclusive supply and maintenance the safe welding enclosure (habitat) for three (3) + two (2) years.   | Awarded on 12th March 2010. Completed on 31 December 2013.                             | ExxonMobil Exploration and Production Malaysia Inc.        | Faridah Abdul Kader –<br>Procurement Associate<br>03-2053 3000     | RM2,800,000             | 100%                     |
| 9.0                                     | EPCIC Alliance for The LNG Regasification Unit, Island Berth and Subsea Pipeline of The LNG Regasification Facilities Project                                       | Subsea Pipeline and Subsea Cable Installation, Testing and Pre-Commissioning   | Awarded on September 2011. Completed on 30 June 2013                                   | Perunding Ranhill Worley Sdn Bhd                           | Thangamani –<br>Package Buyer<br>03 – 2722 4147                    | RM70,000,000            | 100%                     |
| 10.0                                    | Provision Of Rental Safe House Habitat Equipment And Manpower At Non Bekok Construction For PETRONAS Carigali – PMO   | Provision Of Rental Safe House Habitat Equipment And Manpower At Non Bekok Construction Installation for PETRONAS Carigali-PMO (Offshore).   | Awarded on 21 <sup>st</sup> January 2011. Completed on 30 <sup>th</sup> December 2012. | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Abdul Ghapul –<br>Construction Engineer<br>09 – 8667225            | RM255,560               | 100%                     |

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| <b>CATEGORY: MECHANICAL ENGINEERING</b> |   |   |  |  |   |                         |                          |
| 11.0                                    | Provision of Rental Safe House Habitat Equipment & Manpower for Exxon Mobil Brownfield Maintenance Contract   | Provision of Rental Safe House Habitat Equipment and Manpower for Exxon Mobil Brownfield Maintenance. Contract Supply and install complete sets of habitat equipment and manpower   | Awarded on June 2011. Completed on October 2011. | Shapadu Energy Engineering Sdn. Bhd                        | Shahril Rizal Ismail – Procurement Executive 03 – 2691 4676                     | RM1,000,000             | 100%                     |
| 12.0                                    | Pipeline Outstanding Work For Maser Development Of Mini Hydro Power Plant Under Small Renewable Energy Programme At Sungai Rek, Kuala Krai, Kelantan  | Pipeline Outstanding Work For Maser Development Of Mini Hydro Power Plant At Sungai Rek.  | Completed on 25 <sup>th</sup> July 2011.         | I.S. Energy Sdn Bhd  | Effendy – General Manager 03 – 2161 8260  | RM1,200,000             | 100%                     |
| 13.0                                    | Provision Of Rental Safe House Habitat At Bekok Platform Strengthening Work For PETRONAS Carigali - PMO   | Provision Of Rental Safe House Habitat Equipment And Manpower At Bekok Construction Installation for PETRONAS Carigali-PMO (Offshore).  | Completed on 30 <sup>th</sup> July 2011.         | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Nor Anzan Asmadi – Construction Engineer  | RM331,600               | 100%                     |
| 14.0                                    | Provision of Rental Safe House Habitat Equipment & Manpower for Duyong Pre & Post Shutdown 2010 for PETRONAS Carigali-PMO                             | Provision of Rental Safe House Habitat Equipment and Manpower for Duyong Pre & Post Post Shutdown for PETRONAS Carigali-PMO (Offshore). Supply and install complete sets of habitat equipment and manpower  | Completed on 19 <sup>th</sup> March 2011.        | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | M Nor Azam Bin Zamari – Construction Engineer. 09 - 8667489                     | RM189,130               | 100%                     |
| 15.0                                    | Provision of Rental Safe House Habitat Equipment and Manpower for Bekok C Double Plate Installation for PETRONAS Carigali-PMO                         | Provision of Rental Safe House Habitat Equipment and Manpower for Bekok C Double Plate Installation for PETRONAS Carigali-PMO (Offshore). Supply and install (1) one complete sets of habitat equipment and manpower to PM9 Bekok   | Completed on 20 <sup>th</sup> July 2011.         | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Yazid Hashim. Construction – Engineer 09 – 8667225                              | RM281,710               | 100%                     |
| 16.0                                    | Provision of Fabrication and Installation Bekok-C Chemical Tank Upgrade Phase 2 for Petronas Carigali-PMO   | Provision of Procure, Fabricate and Installation Bekok-C Chemical Tank Upgrade Phase 2 for Petronas Carigali-PMO (Offshore). Works inclusive of onshore pipe spool fabrication, painting, hydro testing, procurement of pipes, fittings, flanges, tubing instrument, offshore mobilization, piping demolition, three (3) units of tank installation and hookup of piping pre commissioning. | Completed on 1 <sup>st</sup> December 2011.      | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Yazid Hashim. Construction – Engineer 09 – 8667225                              | RM370,000               | 100%                     |
| 17.0                                    | Provision of Rental Safe House Habitat Equipment and Manpower for Bekok C Project for PETRONAS Carigali-PMO   | Provision of Rental Safe House Habitat Equipment and Manpower for Bekok C Project for PETRONAS Carigali-PMO (Offshore). Supply and install (2) two complete sets of habitat equipment and manpower to PM9 Bekok platform  | Completed on 3 <sup>rd</sup> September 2010.     | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Yazid Hashim. Construction – Engineer 09 – 8667225                              | RM395,460               | 100%                     |
| 18.0                                    | Provision of Rental Safe House Habitat Equipment and Manpower for Tiong, Ledang, Kepong and Tinggi Non Shutdown CWR Project for PETRONAS Carigali-PMO | Provision of Rental Safe House Habitat Equipment and Manpower for Tiong, Ledang, Kepong and Tinggi Non Shutdown CWR Project for PETRONAS Carigali-PMO (Offshore). Supply and install (1) one unit of habitat equipment complete with (2) two units of air blower, (1) one unit of manometer and at least (2) units of portable gas detector   | Completed on 25 <sup>th</sup> October 2010.      | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Yazid Hashim/Muhammad Arif. Construction Engineer/ Project Engineer. 09-8667225 | RM290,520               | 100%                     |
| 19.0                                    | Provision of Structural Strengthening for P4040E Extended Deck at ANPG - A for PETRONAS Carigali - PMO  | Provision of Structural Strengthening for P4040E Extended Deck at ANPG - A for PETRONAS Carigali PMO (OFFSHORE). Works inclusive of Onshore Fabrication of two 18" inch diameter of 13 meters long tubular pipe each, plates, pad eyes welds and paint onshore and offshore installation, rigging and scaffoldings works to support the cantilever cellar deck extension.                   | Completed on 28 <sup>th</sup> April 2010.        | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Norhasni Bt Julaihi. Project Engineer. 09-8667225                               | RM279,370               | 100%                     |

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| <b>CATEGORY: MECHANICAL ENGINEERING</b> |   |   |   |  |   |                         |                          |
| 20.0                                    | Provision of Procurement and Fabrication of Topside Piping & Structural at Dulang-B for PETRONAS Carigali - PMO                                       | Provision of Procurement and Fabrication of Topside Piping & Structural at Dulang-B for PETRONAS Carigali - PMO. (ONSHORE). Works inclusive of procurement of valves, boat landing tires, chains, carbon steel, copper-nikel (CuNi) pipes and fittings, spool fabrication Dia Inch = 1310, hydro testing and painting.  | Completed on 11 <sup>th</sup> April 2010. (8 Months)                                    | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Mohd Noraznan. Project Engineer. 09-8667225                       | RM498,500               | 100%                     |
| 21.0                                    | Provision of Procurement and Fabrication of Piping for Dulang Field Shutdown for PETRONAS Carigali-PMO  | Provision of Procurement and Fabrication of Piping for Dulang Field Shutdown for PETRONAS Carigali-PMO (ONSHORE). Works inclusive of procurement of valves, carbon steel, copper-nikel (CuNi) pipes and fittings, spool fabrication Dia Inch = 1600, hydro testing and painting.  | Completed on 30 <sup>th</sup> April 2010. (4 Months)                                    | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Mohammad Kazar Razak. Construction Engineer. 09-8667503           | RM426,250               | 100%                     |
| 22.0                                    | Provision of Supply, Fabrication and Replacement of Bekok C Piping for 2HX 588 Discharge Line for PETRONAS Carigali-Peninsular Malaysia Operation PMO | Provision of Supply, Fabrication and Replacement of Bekok C Piping for 2HX 588 Discharge Line for PETRONAS Carigali-PMO (OFFSHORE). Works inclusive of onshore pipe spool fabrication, hydro testing, procurement of low temperature schedule 160 rating 4 and 8 inch pipes, fittings, carry out post heat treatment, painting, habitat, equipment mobilization offshore, demolition and hookup of piping inclusive golden joint welding. | Completed on 19 <sup>th</sup> December 2009. (6 Weeks)                                  | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Yazid Hashim/Muhammad Arif. Project Engineer. 09-8667225          | RM332,820               | 100%                     |
| 23.0                                    | Provision To Supply Manpower, Equipment & Material For Penara Closed Drain Vessel Pumps Upgrade For PETRONAS Carigali - PMO                           | Provision To Supply Manpower, Equipment & Material For Penara Closed Drain Vessel Pumps Upgrade For PETRONAS Carigali - PMO (OFFSHORE). Works inclusive of onshore pipe spool fabrication, painting, hydro testing, procurement of pipes, fittings, strainers and valves, equipment mobilization, demolition and hookup of piping and two pumps, pre commissioning during platform shutdown   | Completed on 23 <sup>rd</sup> October 2009. (3 months)                                  | PETRONAS Carigali Sdn Bhd - Peninsular Malaysia Operations | Mohd Noraznan/Nuraini Bt Darail. Project Engineer. 09-8667225     | RM403,902.30            | 100%                     |
| 24.0                                    | Manpower Services for Field Service Representative (FSR) for Multi Phase Pump (MPP)   | Manpower Services for Field Service Representative (FSR) for Multi Phase Pump (MPP) (OFFSHORE)  | Completed on 5 <sup>th</sup> June 2008. (10 weeks)                                      | Tanjong Maintenance Services Sdn Bhd                       | Mohd Azlan Shah. Mechanical Engineer. 087-414481                  | RM630,000               | 100%                     |
| 25.0                                    | Supply and Deliver Spare Parts for Bornemann Pump   | Supply and Deliver Spare Parts for Bornemann Pump Tembungo B Platform (OFFSHORE)  | Completed on 5 <sup>th</sup> June 2008. (10 weeks)                                      | Tanjong Maintenance Services Sdn Bhd                       | Mohd Azlan Shah Mechanical Div. 087-414481                        | RM180,000               | 100%                     |
| 26.0                                    | Modification of Platform and Orientation of Flanges New Net Gas Chloride Treater Vessel   | Modification of Platform and Orientation of Flanges New Net Gas Chloride Treater Vessel (ONSHORE)   | Completed on 5 <sup>th</sup> September 2007 - 5 <sup>th</sup> October 2007. (1 month)   | MSET Engineering Corporation Sdn. Bhd.                     | Manan Nohamed. Project Manager. 09-8271777                        | RM22,350                | 100%                     |
| 27.0                                    | Installation of Fire Proofing Brackets New Net Gas Chloride Treater Vessel  | Installation of Fire Proofing Brackets New Net Gas Chloride Treater Vessel (ONSHORE)  | Completed on 12 <sup>th</sup> November 2007 - 30 <sup>th</sup> November 2007. (2 weeks) | MSET Engineering Corporation Sdn. Bhd.                     | Manan Nohamed. Project Manager. 09-8271777                        | RM24,000                | 100%                     |
| 28.0                                    | The Installation of New Net Gas Chloride Treater Vessel V – 1309 A And Loading of Chloride Absorbent At Unit 13, Area 1 at PPMSB, Melaka              | The Installation of New Net Gas Chloride Treater Vessel V – 1309 A And Loading of Chloride Absorbent (ONSHORE)  | Completed on 15 <sup>th</sup> August 2007 – 19 <sup>th</sup> November 2007. (4 months)  | PETRONAS PENAPISAN (MELAKA) SDN BHD                        | Arman Anuar. Project Engineer. 06 - 3522020                       | RM742,000               | 100%                     |
| 29.0                                    | Supply and Deliver of Bornemann Parts (Maintenance)   | Supply and Deliver Bornemann Parts (ONSHORE). 1 year Spare Parts  | Completed on 23 <sup>rd</sup> January 2007. (8 weeks)                                   | Optimal Chemical (M) Sdn Bhd                               | Mr. M.Fadil M. Amin. Senior. Executive – Procurement. 09-830 7306 | RM225,000               | 100%                     |

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| <b>CATEGORY: MECHANICAL ENGINEERING</b> |   |   |   |   |   |                         |                          |
| 30.0                                    | Construction of CDU2 Water Wash Facility at PPMSB, Melaka   | Construction of CDU2 Water Wash Facility. (ONSHORE)   | Completed on 10 <sup>th</sup> January 2007 – 22 <sup>nd</sup> May 2007. (5 months)        | PETRONAS PENAPISAN (MELAKA) SDN BHD   | Pn. Razana Husni. ESD Department PPMSB. 06-352 2020 | RM770,000               | 100%                     |
| 31.0                                    | Commissioning and Hook-up (1) Unit Multiphase Pump for Tembungo-B Platform for Petronas Carigali Sdn Bhd – (PCSB, SBO), Sabah                                   | Pre-Commissioning and Commissioning (1) Unit Multiphase Pump. (OFFSHORE)  | Completed on 8 <sup>th</sup> August 2007 – 22 <sup>nd</sup> August 2007. (2 weeks)        | PETRONAS Carigali Sdn. Bhd. (Sabah Operations) Under parent company Maser (M) SB, however, managed by Maser Marine (M) Engineering SB       | Mr Royan Rakam. STS 2 – Mechanical. 088-296537      | RM850,000               | 100%                     |
| 32.0                                    | Fabrication and Installation of Turbine Alternator Deck/Generator Support for FPSO Kikeh, Johor   | Fabrication and Installation of Turbine Alternator Deck/Generator Support. (ONSHORE)  | Completed on December 2005 – 1/1/2006. (2 months)   | MMHE, Pasir Gudang  | Misni bin Maskan. Tender Secretariat 07-2682111     | RM115,000               | 100%                     |
| 33.0                                    | Engine Room double bottom removals and modification (Turbine Alternator and Condenser Foundation) for FPSO Kikeh, Johor   | Engine Room double bottom removals and modification. (ONSHORE)  | Completed on October 2005 – November 2005. (2 months)                                     | MMHE, Pasir Gudang  | Misni bin Maskan. Tender Secretariat. 07-2682111    | RM150,000               | 100%                     |
| 34.0                                    | Fabrication and Installation Crane Foundation with Pedestal two (2) units of Starboard and Port Side for FPSO Kikeh, Johor                                      | Fabrication and Installation Crane Foundation with Pedestal two (2) units of Starboard include fit ups and weld 50 mm rolled plates to cylinders and cones. (ONSHORE) | Completed on December 2005 – 3/1/2006. (4 months)   | MMHE, Pasir Gudang  | Misni bin Maskan. Tender Secretariat 07-2682111     | RM413,000               | 100%                     |
| 35.0                                    | Fabrication and Modification of Engine Control Room for FPSO Kikeh, Johor   | Fabrication and Modification of Engine Control Room. (ONSHORE)  | Completed on December 2005 – March 2006. (4 months)                                       | MMHE, Pasir Gudang  | Misni bin Maskan. Tender Secretariat. 07-2682111    | RM150,000               | 100%                     |
| 36.0                                    | Fabrication and Installation of Turbine Alternator and Compressor Foundation for Equipment for FPSO Kikeh, Johor  | Fabrication and Installation of Turbine Alternator and Compressor Foundation. (ONSHORE)   | Completed on 15 <sup>th</sup> December 2005 - 30 <sup>th</sup> April 2006. (4 1/2 months) | MMHE, Pasir Gudang  | Misni bin Maskan. Tender Secretariat. 07-2682111    | RM215,000               | 100%                     |
| 37.0                                    | Provision to Fabricate, Supply and Delivery for One (1) Unit Multiphase Pump for Tembungo-B Platform for PETRONAS Carigali Sdn Bhd – SABAH Operation (PCSB–SBO) | Fabricate, Supply and Delivery for One (1) Unit Multiphase Pump. Supervision of engineering, FAT, pre commissioning, and SAT. (OFFSHORE)                              | Completed on 2 <sup>nd</sup> April 2005 – 15 <sup>th</sup> February 2006. (11 months)     | PETRONAS Carigali Sdn. Bhd. (Sabah Operations) Under parent company Maser(M) Sdn. Bhd., however, managed by Maser Marine (M) Engineering SB | Mr Royan Rakam. STS 2 – Mechanical. 088-296537      | RM4,800,000             | 100%                     |

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| <b>CATEGORY: ELECTRICAL ENGINEERING &amp; MAINTENANCE</b> |   |   |  |  |   |                         |                          |
| 1.0   | Procurement. Construction And Commissioning (PCC) - Electrical & Instrumentation Work At Export Terminal Unit 4 And Common Area For PETRONAS Gas Berhad   | Works Inclusive of testing and replacement of instrumentations, cable laying and termination for plant shutdown in Export Terminal.   | Awarded on 8 September 2014. Scheduled Completion on August 2015           | PETRONAS GAS BERHAD                          | M Hashim B M Noor   | RM4,950,000.00          | 100%                     |
| 2.0   | Term of Contract for General Electrical & Instrument Maintenance Works at REGAS Terminal Sg. Udang Sdn Bhd  | Work Inclusive of the maintenance activities including modification, troubleshooting, minor construction, servicing, repair, overhaul and inspection of industrial equipment field installation, overhead / underground distributions network in both onshore and offshore installations. | Awarded on 3 February 2014. Scheduled of Completion on 3 February 2017     | REGAS Terminal Sg. Udang Sdn Bhd             | Surintan Mustapha Head Operational Sourcing 06-3522112  | RM1,500,000             | 100%                     |
| 3.0   | Services for Tapis-F Remote Control & Monitor OR (OIL FWS) PCS (SSR Radio Communication Link) at Tapis A to Tapis R as per Attached Site Instruction for Exxonmobil Exploration and Production Malaysia Inc.  | Provision of Service Representative and Materials for Shahpadu Energy & Engineering   | Awarded on 19 September 2013. Scheduled of Completion on 30 September 2015 | Shahpadu Energy & Engineering                | Ahmad Kazari Kamari Senior Lead Expeditor / Engineer (Material) 012-5942924                           | RM98,999                | 100%                     |
| 4.0   | Manpower for BCOT LV Switchboard  | Work Inclusive of the Supply PTW Applicant and HSE Supervisor for the BCOT LV Switchboard Installation Work   | Awarded on 7 May 2014. Completed on 12 August 2014                         | Offshore Industries Sdn Bhd                  | Awg Amir Hamzah Project Manager 085-661248  | RM10,920.00             | 100%                     |
| 5.0   | Kerja-Kerja Menaiktaraf Building Management System (BMS) Di Pusat Pengurusan Pengangkutan (TMC) Bukit Jalil, Kuala Lumpur (2014/B056)   | Kerja-Kerja Menaiktaraf Building Management System (BMS) Di Pusat Pengurusan Pengangkutan (TMC) Bukit Jalil, Kuala Lumpur   | Awarded on 9 May 2014. Completed on 30 July 2014                           | DEWAN BANDARAYA KUALA LUMPUR                 | DATUK HAJ MOHD NAJIB HAJI MOHD Timbalan Ketua Pengarah Pelaksanaan Projek & Penyenggaraan 03-26176770 | RM164,800               | 100%                     |
| 6.0   | To Resolve GEG Outstanding Issue  | Work Inclusive of Potentiometer Replacement for FSO ABU existing Power Management System  | Awarded on 19 May 2014. Completed on 30 July 2014                          | MISC Offshore Floating Terminals (L) Limited | Awg Amir Hamzah Project Manager 085-661248  | USD 7,750               | 100%                     |
| 7.0   | The Provision of Engineering, Procurement, Construction, Installation, Commissioning (EPCIC) to Upgrade and Refurbish Power Management System (PMS) for FSO ABU   | Work inclusive of design, engineering, material supply, fabricate, install, test and commission of modification, replacement, additions to refurbishment and upgrade FSO ABU existing Power Management System   | Awarded on 16 <sup>th</sup> August 2012. Completed on 7 March 2014         | MISC Offshore Floating Terminals (L) Limited | Sumairi Hashim Manager, Repair & Life Extension - Asset Management Offshore Bussiness 03 - 2275 3592  | RM1,901,850             | 100%                     |
| 8.0   | Provision for Replacement of Outdoor Low Voltage and Vital Switchboard at Samarang Platform and Erb West Platform for PCSB  | Work inclusive of Switchboard Replacement, Removal, Installation, Commission and Supply Field Supervisor, Technician, Welder, Fire Watcher, QA/QC Inspector, Scaffold, Rigger, Tools and Equipment  | Awarded on 21 March 2014. Completed on 24 May 2014                         | Offshore Industries Sdn Bhd                  | Awg Amir Hamzah Project Manager 085-661248  | RM131,280               | 100%                     |
| 9.0   | Provision to Service & Repair Optek Controller Model C4221 for Berantai Operations  | Work Inclusive of the Service & Repair Optek Controller Model C4221   | Awarded on 21 February 2014. Completed on 18 April 2014                    | Petrofac Energy Developments Sdn Bhd         | Nik Ariff Nik Yusoff Procurement Manager 03-23822700  | RM20,150                | 100%                     |
| 10.0  | Provision of Design, Supply, Replacement, Removal, Installation, Commission of 1 Unit of New 415VAC LV Switchboard LT-1, 1 Unit of New 415VAC LV Switchboard LT-3 and Accessories at Bayan-A Complex for Petronas Carigali Sdn Bhd Sarawak Operations | Work inclusive of Replacement, Removal, Installation, Commission and Supply Field Supervisor, Technician, Welder, Fire Watcher, QA/QC Inspector, Scaffold, Rigger, Tools and Equipment  | Awarded on 21 August 2013. Completed on 31 December 2013                   | Offshore Industries Sdn Bhd                  | Awg Amir Hamzah Project Manager 085-661248  | RM250,786               | 100%                     |
| 11.0  | Supply and Delivery for Module Redundancy Phenix Contact  | Work Inclusive of supply and deliver the Module and Redundancy Phenix Contact   | Awarded on 23 September 2013. Completed on 5 November 2013                 | Petronas Carigali Sdn Bhd - Sabah Operations | PCSB-SBO Electrical & Instrumentation   | RM2,394                 | 100%                     |
| 12.0  | Provision of MCC Installation at Sumandak Platform for Offshore Industries Sdn Bhd  | Work inclusive of Installation of MCC   | Awarded on 23 <sup>th</sup> April 2013. Completed on 24 June 2013          | Offshore Industries Sdn Bhd                  | Awg Amir Hamzah Project Manager 085-661248  | RM94,808                | 100%                     |

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| <b>CATEGORY: ELECTRICAL ENGINEERING &amp; MAINTENANCE</b> |   |   |   |  |  |                         |                          |
| 13.0  | Provision of Manpower, Procurement, Construction & Commissioning and Installation of GEG Exhaust Fan & GEG Exhaust Pipe Insulation for FSO Abu                                    | Work inclusive of Installation of GEG Exhaust Fan & GEG Exhaust Pipe Insulation   | Awarded on 17 <sup>th</sup> April 2013. Completed on 3 May 2013                         | MISC Offshore Floating Terminals (L) Limited                   | Sumairi Hashim Manager, Repair & Life Extension - Asset Management Offshore Bussiness 03 - 2275 3592 | RM90,000                | 100%                     |
| 14.0  | Provision Of Electrical Works For CH Mutiara Petroleum Sdn Bhd – CH Mutiara Petroleum Sdn Bhd Corporate Office (Unit Rate Contract)   | Provision Of Electrical Works To Connect & Link Between local Fan 200 To KLCC Central Fire Common Room And Maintenance  | Awarded on 11 <sup>th</sup> February 2011. Completed on 20 <sup>th</sup> February 2013. | CH Mutiara Petroleum Sdn Bhd                                   | Roslan. Senior Procurement Executive 03-20517979   | RM10,000                | 100%                     |
| 15.0  | Provision of Upgrading and Replacement of Lighting for Samarang Platform, Labuan Gas Terminal (LGAST) and Sabah Gas Terminal (SBGAST) for PETRONAS Carigali – Sabah Operation SBO | Provision of Upgrading and Replacement of Lighting for Samarang Platform, Labuan Gas Terminal (LGAST) and Sabah Gas Terminal (SBGAST) for PETRONAS Carigali - SBO. Works inclusive of supply of materials, cables, poles, equipment, manpower and consumables to install, test and commission of explosion and non explosion proof type of lighting fixtures/system. (ONSHORE AND OFFSHORE) | Awarded on 25 <sup>th</sup> November 2009. Completed on 25 <sup>th</sup> February 2012. | PETRONAS Carigali Sdn Bhd - Sabah Operations                   | Ahmad Aminuddin Hamzah. Procurement Executive. 088-525020  | RM6,800,000             | 100%                     |
| 16.0  | Provision of Supply and Installation of One 1 (Unit) 2000KVA Standby Generator for SSB Data Centre Lutong   | Provision of Engineering, Procurement, Construction, Installation, Testing and Commissioning of One 1 (Unit) 2000KVA Standby Generator Complete with LV Switchboard,  | Completed on 28 <sup>th</sup> March 2011.   | Sarawak Shell Berhad   | Soon Say Yong. Head Infrastructure Services. 085-452884  | RM7,200,000             | 100%                     |
| 17.0  | Suppy, Deliver, Install and Commissioning of LAN Cabling in E-Bidding Room Infra Facilities for PETRONAS Fertilizer Kedah (PFK) Sdn Bhd   | Works inclusive of laying 2 LAN cable using Krone cable, 8 Electrical Points, telephone cable, Provide PW3 personnel, Apply correct size cable with correct size MCB for connection, terminate and testing (Onshore)  | Completed on 28 <sup>th</sup> February 2010. (4 Days)                                   | PETRONAS Fertilizer Kedah (PFK) Sdn Bhd                        | Wan Suhana Che Wan Ahmad. Procurement Executive. 04-4604302  | RM30,000                | 100%                     |
| 18.0  | To Perform Inspection, Servicing and Calibration of Protective Relays for Generators Onboard FPSO Bunga Kertas  | To Perform Inspection, Servicing and Calibration of Protective Relays for Generators Onboard FPSO Bunga Kertas (OFFSHORE). Works inclusive of inspection, servicing and calibration on Reverse Power Relay, Under Voltage Relay, Over Speed Relay, Main Transformer and Shore Connections (Circuit Breaker)   | Completed on 11 <sup>th</sup> February 2010. (11 Days)                                  | Floating Production Storage Offloading (FPSO) Ventures Sdn Bhd | Mohd Radzi Mohd Daud Procurement Executive. 03-2264 8000   | RM64,155                | 100%                     |
| 19.0  | To Carry Out Yearly Calibration of Protection Relay, Moulded Case Circuit Breaker (MCCB), Air Circuit Breaker (ACB), Vacuum Circuit Breaker (VCB) and Breaker Servicing           | To Carry Out Yearly Calibration of Protection Relay, Moulded Case Circuit Breaker (MCCB), Air Circuit Breaker (ACB), Vacuum Circuit Breaker (VCB) and Breaker Servicing (OFFSHORE). Works inclusive of competent calibration specialist, special tools and equipment mobilization.  | Completed on 31 <sup>st</sup> March 2009. (10 days)                                     | Floating Production Storage Offloading (FPSO) Ventures Sdn Bhd | Mohd Radzi/Mohd Daud Procurement Executive. 03-2264 8000   | RM99,000                | 100%                     |
| 20.0  | Provision to Supply Manpower to Survey & Develop Schematic Drawings   | Work Inclusive of the Supply Manpower to Survey & Develop Schematic Drawings  | Awarded on 4 February 2014. Scheduled of Completion on 30 September 2014                | ExxonMobil Exploration & Production Malaysia Inc               | Muhamad Johari 03 - 23803002   | RM9,400                 | 100%                     |

# COMPLETED PROJECTS

| NO   | NAME OF CONTRACT AND LOCATION   | DESCRIPTION OF WORK  | PROJECT START DATE AND DURATION OF PROJECT  | CLIENT'S NAME  | CLIENT CONTACT PERSONNEL REFERENCE  | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|--|---|--|---|--|---|-------------------------|--------------------------|
| <b>CATEGORY: INSTRUMENTATION/CONTROL ENGINEERING &amp; MAINTENANCE</b> |   |  |   |  |   |                         |                          |
| 1.0  | Provision of Tukau Trunkline Monitoring Maintenance for Petronas Carigali Sdn Bhd - Sarawak Operations  | Provision of Maintenance Services for Tukau Trunkline Monitoring System at Tukau Field for Petronas Carigali Sdn Bhd - Sarawak Operations  | Awarded on 8 <sup>th</sup> April 2012. Scheduled Completion on 8 <sup>th</sup> April 2015 | PETRONAS Carigali Sdn Bhd (Sarawak Operations)             | Azwani Rani. Senior Instrument Engineer. 085-475844                                       | RM1,260,000             | 100%                     |
| 2.0  | To Supply and Deliver Bliss Anand Level Switch  | Work Inclusive of Supply and Deliver of Bliss Anand Level for Petronas Gas Berhad  | Awarded on 5 May 2014. Completed on 1 July 2014   | PETRONAS Gas Berhad  | Engku Maryam Engku Mohamed Fathilullah Suhaimi Electrical & Instrument Planner 09-8315737 | RM21,000.00             | 100%                     |
| 3.0  | Supply and Delivery Rapid Exchange Purge System / Pressure Indicator  | Work inclusive of Supply and Delivery Rapid Exchange Purge System / Pressure Indicator for Petronas Carigali Sdn Bhd   | Awarded on 3 February 2014. Scheduled of Completion on 25 March 2014                      | Petronas Carigali Sdn Bhd                                  | PMO-E&I Department 09-8667722   | RM52,500                | 100%                     |
| 4.0  | Provision Of Upgrading and Retrofitting The Integrated Building Automation System (IBAS) for Petronas Carigali Building, Petronas Carigali Sdn Bhd – Sarawak Operations   | Provision Of Upgrading and Retrofitting The Integrated Building Automation System (IBAS) for Petronas Carigali Building. Work inclusive of Engineering Works, procure the equipments required for Upgrading and Retrofitting of IBAS, Installation, Start-up, Testing and Commissioning of Upgrading and Retrofitting of IBAS and Replacement of Associated Equipment. | Awarded on 15th December 2011. Completed on 30 August 2013                                | PETRONAS Carigali Sdn Bhd - Sarawak Operations             | Mohd Nazri Othman, Senior Manager, SCMD 085-475508  | RM3,164,000             | 100%                     |
| 5.0  | Supply and Delivery of Potentiometer for Sarawak Shell Berhad   | Work inclusive of supply and delivery of Potentiometer for Sarawak Shell Berhad  | Awarded on 2 December 2013. Completed on 20 January 2014                                  | Sarawak Shell Berhad                                       | PTC/OOSO Norliza Hipeni. 085-454334   | RM7,950                 | 100%                     |
| 6.0  | Provision of Supply and Deliver of Distributed Control System Part for Petronas Carigali Sdn Bhd Peninsular Malaysia Operations   | Provision of Supply and Deliver of Distributed Control System Inclusive of DCS barrier for Petronas Carigali Sdn Bhd - Peninsular Malaysia Operations  | Awarded on 23 January 2013. Completed on 3 March 2013                                     | Petronas Carigali Sdn Bhd - Peninsular Malaysia Operations | PPMO-E&I Instrument3 09-8667722   | RM13,975                | 100%                     |
| 7.0  | Provision of Supply and Deliver of Instrument Spare Parts for Sarawak Shell Berhad  | Provision of Supply and Deliver of Instrument Spare Parts Inclusive of power supply repeater, isolator switch, segment protector, safety barrier, isolating interface unit, repeater barrier, safety barrier, isolated power module, frequency-current converter, for Sarawak Shell Berhad   | Awarded on 28 <sup>th</sup> September 2012. Completed on 21st December 2012               | Sarawak Shell Berhad                                       | Lina A Ding Contracting and Procurement 085 - 456121                                      | RM155,406               | 100%                     |
| 8.0  | Supply and Delivery of Annunciators Card  | Supply and Delivery of Annunciators Card   | Awarded on 22 February 2012. Completed on 18 April 2012                                   | JX Nippon Oil & Gas Exploration (Malaysia) Limited         | Chow Yik Thong, Production Operations Department  | RM10,374.00             | 100%                     |
| 9.0  | Training and Supply Spare Parts for Provision of Engineering, Procurement, Construction, Commissioning Services for Tukau Trunkline Monitoring System at Tukau Field for Petronas Carigali Sdn Bhd - Sarawak Operations | Training for Provision of Engineering, Procurement, Construction, Commissioning Services for Tukau Trunkline Monitoring System at Tukau Field for Petronas Carigali Sdn Bhd - Sarawak Operations   | Completed on January 2012   | PETRONAS Carigali Sdn Bhd (Sarawak Operations)             | Jimmy Chan Kai Lung. Senior Instrument Engineer. 085-475844                               | RM150,000               | 100%                     |
| 10.0   | To Supply Spare Parts Of Smart Valve Positioner   | Supply The Spare Parts Of Smart Valve Positioner   | Completed on 28 <sup>th</sup> June 2011.  | FPSO Ventures Sdn Bhd                                      | Azlina – Procurement Exec. 03–2264 8007   | RM6,110                 | 100%                     |
| 11.0   | Provision Of Installation & Commissioning Of Humidity Sensor For The Heater System  | Provision Of Installation & Commissioning Of Humidity Sensor For The Heater System Work Inclusive Of Removal Of Old Humidity Sensor & Installation Of New Humidity Sensor And Reprogram Controller For The Heater System To Be Functional  | Awarded on 30 March 2011. Completed on 17 <sup>th</sup> March 2011.                       | PETRONAS Fertilizer (KEDAH) Sdn Bhd                        | M. Hanif Ishak. 04-4604302  | RM10,500                | 100%                     |

# COMPLETED PROJECTS

| NO   | NAME OF CONTRACT AND LOCATION   | DESCRIPTION OF WORK  | PROJECT START DATE AND DURATION OF PROJECT               | CLIENT'S NAME                                  | CLIENT CONTACT PERSONNEL REFERENCE   | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|--|---|--|--|--|--|-------------------------|--------------------------|
| <b>CATEGORY: INSTRUMENTATION/CONTROL ENGINEERING &amp; MAINTENANCE</b> |   |  |  |  |  |                         |                          |
| 12.0   | Provision of Engineering, Procurement, Construction, Commissioning Services for Tukai Trunkline Monitoring System at Tukai Field for Petronas Carigali Sdn Bhd - Sarawak Operations | Provision of Engineering, Procurement, Construction, Commissioning Services for Tukai Trunkline Monitoring System at Tukai Field for Petronas Carigali Sdn Bhd - Sarawak Operations (OFFSHORE). Works inclusive of procurement of wireless transmitter system, equipment and specialist mobilization, preventive and corrective maintenance. | Completed on 15 <sup>th</sup> February 2010.             | PETRONAS Carigali Sdn Bhd (Sarawak Operations) | Jimmy Chan Kai Lung. Senior Instrument Engineer. 085-475844                  | RM1,260,000             | 100%                     |
| 13.0   | To Supply & Delivery of Polyurethane U-58 Inflatable Green Spehere-7.349" OD, Manoley, Hultec   | To Supply & Delivery of Polyurethane U-58 Inflatable Green Spehere-7.349" OD, Manoley, Hultec. (ONSHORE)   | Completed on 5 <sup>th</sup> October 2009. (5 weeks)     | Nippon Oil Exploration (Malaysia) Ltd.         | Mohd Rasidi. Procurement Executive. 087-415 733                              | RM7,549.63              | 100%                     |
| 14.0   | Engineering, Procurement, Construction and Commissioning of Colored Beacon Lights   | Engineering, Procurement, Construction and Commissioning of Colored Beacon Lights (ONSHORE). Works inclusive of procurement of materials, excavation, trenching, manpower and equipment mobilization.  | Completed on 15 <sup>th</sup> December 2009. (15 months) | MTBE Malaysia Sdn Bhd                          | Ahmad Bustamam Shariff Executive, Technical Services Department. 09-585 6958 | RM189,000               | 100%                     |
| 15.0   | Supply and Deliver of 1 Unit of Haskel Portable Hydrostatic Testing Unit at PCSB - SBO  | Supply and Deliver of 1 Unit of Haskel Portable Hydrostatic Testing Unit   | Completed on 4 <sup>th</sup> October 2007. (6 weeks)     | PETRONAS Carigali Sdn. Bhd. (Sabah Operations) | Sajerah Bt Sakmad. SSCM-Executive. 088 - 246366                              | RM28,800                | 100%                     |



# COMPLETED PROJECTS

| NO  | NAME OF CONTRACT AND LOCATION  | DESCRIPTION OF WORK   | PROJECT START DATE AND DURATION OF PROJECT                               | CLIENT'S NAME                                      | CLIENT CONTACT PERSONNEL REFERENCE  | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|---|--|---|--|--|---|-------------------------|--------------------------|
| <b>CATEGORY: TELECOMMUNICATION &amp; ICT SERVICES</b> |  |   |  |  |   |                         |                          |
| 1.0   | Provision of Primavera P6 (PPM) Software Maintenance Renewal   | Works inclusive of maintenance renewal of Primavera P6 Software   | Awarded on 04th March 2015. Scheduled of Completion on 11th March 2015.  | PETROFAC (Malaysia-PM304) Limited                  | Nora Ahmad<br>03-2382 2700  | RM57,000.00             | 100%                     |
| 2.0   | Maintenance and Support For NEC-Philips PABX System Troubleshooting And Configuration  | Works Inclusive of all PABX Card Hardware Replacement For A Period Of Six (6) Months  | Awarded on 30 June 2014. Scheduled of Completion on 30 December 2016.    | JX Nippon Oil & Gas Exploration (Malaysia) Limited | Wan Mohd Hafiz<br>03-21683838   | RM30,600.00             | 100%                     |
| 3.0   | Provision of Manpower, Materials, Consumables, & Equipment for Splicing and Termination of Fiber Optic Cable at Jerneh A Platform      | Works Inclusive of Provision of Manpower, Materials, Consumables, & Equipment for Splicing and Termination of Fiber Optic Cable for Jerneh A Compressor Control System  | Awarded on 7 March 2014. Completed on 7 April 2014                       | Kencana HL Sdn Bhd                                 | Azlina Abdul Hamid<br>Procurement Officer<br>03 - 27118560                        | RM39,009.00             | 100%                     |
| 4.0   | Provision of Enhancing, Development Content, Testing and Deployment of KPOC Corporate SharePoint Portal                                | Works Inclusive of Enhance Infrastructure Setup for Corporate SharePoint Environment, Content/App Development, Testing and Deployment Services on Corporate SharePoint, Post Implementation Services & Enhancement Support for SharePoint | Awarded on 27 <sup>th</sup> December 2011. Completed on 27 December 2013 | Kebabangan Petroleum Operating Company Sdn Bhd     | Pn Naziah<br>013 – 340 2688   | RM242,537.50            | 100%                     |
| 5.0   | Supply of Keyphone System for Newfield ASB Office  | Work inclusive of supply of Keyphone for Newfield ASB Office  | Awarded on 6 November 2013. Completed on 31 October 2013                 | Newfield Peninsular Malaysia Inc                   | M Sulhan Ghazali.<br>Procurement Manager.<br>03-2090 1888                         | RM3,106.50              | 100%                     |
| 6.0   | Provision of Additional IT Network Infrastructure for KL Office  | Work inclusive of additional IT Network Infrastructure for JX Nippon Oil & Gas Exploration (Malaysia) Limited in KL office  | Awarded on 27 September 2013. Completed on 28 September 2013             | JX Nippon Oil & Gas Exploration (Malaysia) Limited | Wan Mohd Hafiz<br>03-21683838   | RM20,950.00             | 100%                     |
| 7.0   | The Price Agreement (PA) For The Services Of Sending Short Messaging (SMS) For PETRONAS Dagangan Berhad Extension of One Year          | Works Inclusive of Sending Short Messaging (SMS) For PETRONAS Dagangan Berhad   | Awarded on 3 <sup>rd</sup> November 2010. Completed on 22 September      | PETRONAS Dagangan Berhad                           | Arina Khalid. Exec. Technology Planning.<br>03-23310756                           | RM1,324,324.00          | 100%                     |
| 8.0   | Provision for Digital Signage Installation at BRA, BOA, SSA, BRE, Kinabalu A, ASB Labuan, Kota Bharu and Kemaman Supply Base           | Works Inclusive of Installation of Digital Signage at BRA, BOA, SSA, BRE, Kinabalu A, ASB Labuan, Kota Bharu and Kemaman Supply Base for Talisman Malaysia Limited  | Awarded on 25th September 2012. Completed on 20 September 2013           | Talisman Malaysia Limited                          | Muhammad Najib IT & Communications<br>03 - 2055 2888                              | RM160,240.00            | 100%                     |
| 9.0   | Provision of Asset Management  | Works Inclusive of Provision of Supply of License and Hardware, Services and Software Assurance for Newfield Peninsula Malaysia Inc.  | Awarded on 17th October 2012. Completed on 14 May 2013                   | Newfield Peninsula Malaysia Inc.                   | Tyiana Rosli<br>User Department Manager / Administrative Manager<br>03 - 20901888 | RM120,705.40            | 100%                     |
| 10.0  | Call Out No. 2 of Umbrella Agreement for Supply of IT Network Equipment and Services for Murphy's Operations                           | Works Inclusive of supply and deliver of IT Network Equipment and Services  | Awarded on 14 June 2012. Completed on 25 July 2012                       | Murphy Oil Co Ltd                                  | Doreen Kit<br>Sr. Procurement Analyst<br>03-74907539                              | RM88,122.10             | 100%                     |
| 11.0  | Supply of Communication Cabling and Equipment at NFX ASB Office  | Works Include of Supply of Communication Cabling and Equipment at NFX ASB Office  | Awarded on 6 July 2012. Completed on 13 July 2012                        | Newfield Peninsular Malaysia Inc                   | Muhammad Sulhan Ghazali<br>Procurement Manager<br>03-74907539                     | RM11,069.90             | 100%                     |
| 12.0  | Provision of Renovation of Nippon's (KL Office) Information Technology Infrastructure  | Works Include of Network Design, Configuration, Installation and Network Cabling  | Awarded on 1 February 2012. Completed on May 2012                        | Nippon Oil Exploration (Malaysia) Ltd              | Danny Alexander<br>085-444111   | RM340,264.00            | 100%                     |
| 13.0  | Provision of Design, Supply, Installation, Re-Programming, Upgrading, Testing and Commissioning of Offshore Sarawak New Numbering Plan | Works Include Of Design, Supply, Installation, Re-Programming, Upgrading, Testing And Commissioning Of Offshore Sarawak Numbering   | Awarded on 19 <sup>th</sup> September 2011. Completed January 2012       | Sarawak Shell Berhad                               | Yee Ngok Then<br>Project Portfolio Manager<br>085-452 570                         | RM92,048                | 100%                     |

# COMPLETED PROJECTS

| NO  | NAME OF CONTRACT AND LOCATION  | DESCRIPTION OF WORK   | PROJECT START DATE AND DURATION OF PROJECT                            | CLIENT'S NAME  | CLIENT CONTACT PERSONNEL REFERENCE                         | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|---|--|---|---|--|--|-------------------------|--------------------------|
| <b>CATEGORY: TELECOMMUNICATION &amp; ICT SERVICES</b> |  |   |   |  |  |                         |                          |
| 14.0  | Provision of Supply, Delivery, Installation, Testing and Commissioning of Non-Directional Beacon (NDB) Onboard FPSO Bunga Kertas   | Provision of Supply, Delivery, Installation, Testing and Commissioning of Non-Directional Beacon (NDB) Onboard FPSO Bunga Kertas (OFFSHORE). Works inclusive of procurement of NDB complete with cabling accessories, weather proof cabinet and performing functional test for the AC/DC Dual Transmitter, Antenna Coupler, Helipad Antenna & Monitor Alarm Receiver. | Completed on 19 <sup>th</sup> April 2010                              | Floating Production Storage Offloading (FPSO) Ventures Sdn Bhd | Mohd Radzi Mohd Daud Procurement Executive. 03-2264 8000   | RM208,077.36            | 100%                     |
| 15.0  | Service for Multi core Fibre Optic Cables From BRA to BRE WHAM Project   | Supply of Materials and Dispatch of OTDR Tester for Testing of 50/125um, 62.5/125um (<50 pts)   | Completed on 20 <sup>th</sup> July 2010.                              | Carimin Engineering Services Sdn Bhd                           | Wan Mohd Hazizi Wan Hussin E&I 03-21687113                 | RM43,013                | 100%                     |
| 16.0  | Provision of Structured Cabling System for Newfield Level 47, Tower 2 KLCC   | Provision of Structured Cabling System for Newfield Level 47, Tower 2 KLCC (ONSHORE). Works inclusive of installation of network cabling including the accessories.   | Completion on 15 <sup>th</sup> June 2010.                             | Newfield Peninsular Malaysia Inc                               | Ahmad Fuad Osman. Procurement Manager. 03-2090 1888        | RM278,261               | 100%                     |
| 17.0  | TK Trunkline Monitoring PINTAR Reinstatement   | Remote Desktop for Tukau Trunkline monitoring   | Completed on 15 <sup>th</sup> July 2011.                              | PSCD Building, Jalan Sekolah, 98008 Miri, Malaysia             | M. Azuani b. M. Rani Instrument Engineer 013- 360 3290     | RM73,300.00             | 100%                     |
| 18.0  | Provision of Annual Maintenance for PAV Wireless Equipment   | Provision of Annual Maintenance for PAV Wireless Equipment. (ONSHORE). Works inclusive of specialist and equipment mobilization for Nippon Miri Office and Data Centre, Nippon Labuan Office and Labuan Warehouse.  | Completed on 7 <sup>th</sup> July 2010.                               | Nippon Oil Exploration (Malaysia) Ltd                          | Mr. Hideki Kitagawa. Managing Director. 085-444111         | RM272,000               | 100%                     |
| 19.0  | Provision of Supply and Upgrade of Network Cabling for SSB / SSPC Onshore and Offshore Offices   | Provision of Supply and Upgrade of Network Cabling for SSB / SSPC Onshore and Offshore Offices (ONSHORE & OFFSHORE). Works inclusive of procurement of cabling material and accessories, engineering skill manpower and equipment mobilization.   | Completed on 30 <sup>th</sup> April 2011.                             | Sarawak Shell Berhad   | Winston Ling. Company Representative 085-452476            | RM1,773,000             | 100%                     |
| 20.0  | Provision to Design, Supply, Installation, Testing and Commissioning Telecom Equipment for Microwave Links Replacement Project   | Provision to Design, Supply, Installation, Testing and Commissioning Telecom Equipment for Microwave Links Replacement Project (OFFSHORE). Works inclusive procurement of telecom materials and accessories, engineering skill manpower and equipment mobilization.   | Awarded on 30 January 2008). Completed on 30 <sup>th</sup> July 2011. | Sarawak Shell Berhad   | Ir. Suppiah Narayanasamy. Telecom Project Lead. 085-452476 | RM1,910,000             | 100%                     |
| 21.0  | Rental of JDSU Smartclass Ethernet Testers for B0-A Platform   | Rental of JDSU Smartclass Ethernet Testers for B0-A Platform (Offshore)   | Completed on 12th March 2010.   | Talisman Malaysia Limited                                      | Mohd Azmi. Procurement Executive. 03-21626970              | RM12,000                | 100%                     |
| 22.0  | The Supply, Delivery, Installation, Testing and Commissioning of One (1) Unit Intrusion Prevention System (IPS) Device at Centre for ICT Services (CICTS), Universiti Malaysia Sarawak | The Supply, Delivery, Installation, Testing and Commissioning of One (1) Unit Intrusion Prevention System (IPS) Device at Centre for ICT Services (CICTS), Universiti Malaysia Sarawak (ONSHORE)  | Completed on 9 <sup>th</sup> May 2009. (1 month)                      | Universiti Malaysia Sarawak                                    | Haji Mazlan Kiflie. Bendahari. 082-581071                  | RM275,184               | 100%                     |
| 23.0  | Supply and Deliver of Fiber Optics Cable   | Supply and Deliver of Fiber Optics Cable (ONSHORE)  | Completed on 25 <sup>th</sup> January 2007. (6 weeks)                 | Sabah Shell Petroleum Company Limited                          | Ahmad Affendy Saad. Senior. Telecom Engineer. 085-452325   | RM225,000               | 100%                     |

# COMPLETED PROJECTS

| NO                                    | NAME OF CONTRACT AND LOCATION  | DESCRIPTION OF WORK  | PROJECT START DATE AND DURATION OF PROJECT   | CLIENT'S NAME  | CLIENT CONTACT PERSONNEL REFERENCE  | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|---------------------------------------|--|--|--|--|---|-------------------------|--------------------------|
| <b>CATEGORY: CONSULTANCY SERVICES</b> |  |  |  |  |   |                         |                          |
| 1.0                                   | Provision of Manpower Services   | Work Inclusive of Manpower Supply  | Awarded on 26 April 2013. Scheduled of Completion 31 December 2014                     | BC Petroleum Sdn Bhd                                       | Risnawati Yassin Contracts and Procurement 03-27872120                                  | RM806,000               | 100%                     |
| 2.0                                   | Provision of Senior Rigging Specialists  | Work Inclusive of Manpower Supply for Senior Rigging Specialists   | Awarded on 26 March 2013. Scheduled of Completion 31                                   | BC Petroleum Sdn Bhd                                       | Louis Ruehlmann. Bintulu Base Manager 03-27872120                                       | RM137,200               | 100%                     |
| 3.0                                   | Provision Of Completion Engineer   | Work Inclusive of Manpower Supply for Completion Engineer  | Awarded on 23rd November 2012. Scheduled Completion 31 December 2014                   | Seadrill Rig Services Sdn Bhd for Murphy Sabah Oil         | Celina Too, Buyer, +65 6895 1647  | RM2,232,000             | 100%                     |
| 4.0                                   | Provision of Engineering Design Service for Assessment, Detail Design, Testing, and Reproduction of Drawing for Onshore Administration Building for Petronas Carigali Sdn Bhd - Sarawak Operations | Works inclusive of refurbishment and rectification work, integrity assessment, drafting, reproducing and updating of engineering drawings. | Awarded on 14 June 2012. Schedule of Completion on 31 December 2014                    | PETRONAS Carigali Sarawak Operations (SKO)                 | Mohd Nazri Othman Senior Manager SCM SKO 085-470000                                     | RM890,000               | 100%                     |
| 5.0                                   | Provision of Drilling Project Management, Specialist Oil and Gas Drilling Personnel and Associated Services to BC Petroleum Sdn Bhd  | Provision of Drilling Project Management, Supply Oil and Gas Drilling Personnel and its Associated Services.                               | Awarded on 20 <sup>th</sup> October 2011. Scheduled of Completion on 31 December 2014. | BC Petroleum Sdn Bhd                                       | Alistair Marris. Procurement Manager 03-27872122  | RM90,000,000            | 100%                     |
| 6.0                                   | Provision of Chemical Health Risk Assessment (CHRA) for Berantai Operation   | Works Inclusive of Chemical Health Risk Assessment (CHRA) for Berantai Operation   | Awarded on 5 March 2013. Completed 31 December 2013                                    | Petrofac Energy Developments Sdn Bhd                       | Mohd Ghazali Jusoh 09-8634700   | RM22,600                | 100%                     |
| 7.0                                   | Provision of Recruitment Services  | Work Inclusive of the  | Awarded on 10 September 2013. Completed on 31 December 2013                            | BC Petroleum Sdn Bhd                                       | Risnawati Yassin Contracts and Procurement 03-27872120                                  | RM310,000               | 100%                     |
| 8.0                                   | Provision of Manpower Services   | Work Inclusive of Manpower Supply for Bakers Hughes  | Awarded on 8 July 2013. Completed on 31 December 2013                                  | Bakers Hughes  | Raj Fernandez Integrated Operations Manager 03-27304399                                 | RM180,000               | 100%                     |
| 9.0                                   | Provision of Commissioning Manager   | Work Inclusive of Manpower Supply for Commissioning Manager  | Awarded on 3 April 2013. Completed on 31 August 2013                                   | BC Petroleum Sdn Bhd                                       | Peter Jarvis Senior Manager - Operations 03-27872100                                    | USD 115,950             | 100%                     |
| 10.0                                  | Provision of Drilling Project Management, Specialist Oil and Gas Drilling Personnel and Associated Services to ROC Oil Malaysia (Holdings) Sdn Bhd   | Work Inclusive of Manpower Supply for Drilling Project Management, Supply Oil and Gas Drilling Personnel and its Associated Services.      | Awarded on 9 <sup>th</sup> May 2012. Completed on 31 December 2013                     | ROC Oil Malaysia (Holdings) Sdn Bhd                        | Leanne Nolan, General Council & Robert Rial, General Manager South, East Asia Operation | RM7,000,000             | 100%                     |
| 11.0                                  | Provision of Offshore Completion of Well Services Supervisor   | Work Inclusive of Manpower Supply for Offshore Completion of Well Services Supervisor  | Awarded on 21 June 2012. Completed 17 December 2013                                    | BC Petroleum Sdn Bhd                                       | Alistair Marris. Procurement Manager 03-27872122  | RM6,000,000             | 100%                     |
| 12.0                                  | Fire Systems Review for BC Petroleum Malaysia  | Works Inclusive of Study Work for Fire Systems at EPV Balai Mutiara for BC Petroleum   | Awarded on 4 February 2013. Completed on 30 April 2013                                 | BC Petroleum Sdn Bhd                                       | Niall Ramsden 44(0) - 1296399311  | RM120,000               | 100%                     |
| 13.0                                  | Provision for Application of Written Approval for Fuel Burning Equipment at Terengganu Crude Oil Terminal (TCOT) for Petronas Carigali Sdn Bhd - PMO   | Works Inclusive of Application of Written Approval for Fuel Burning Equipment at Terengganu Crude Oil Terminal (TCOT)                      | Awarded on 14 February 2013. Completed 30 May 2013                                     | Petronas Carigali Sdn Bhd - Peninsular Malaysia Operations | Redzwan Yusoff (Environment Executive)  | RM72,000                | 100%                     |
| 14.0                                  | Provision of Acid Gas Removal and Handling Consultancy for SK310   | Work Inclusive of Work Study for Acid Removal and Handling Consultancy for SK310   | Awarded on 21 May 2013. Completed on 29 August 2013                                    | Newfield Peninula Malaysia Inc.                            | Muhammad Sulhan Ghazali Procurement Manager 03-74907539                                 | RM138,345               | 100%                     |
| 15.0                                  | Provision Of Drilling Supervisor and Logistics Coordinators, Specialist Oil and Gas Drilling Personnel and Associated Services   | Work Inclusive of Manpower Supply for Drilling Supervisor and Logistics Coordinator  | Awarded on 13 <sup>th</sup> May 2012. Completion 30 September 2013                     | BC Petroleum Sdn Bhd                                       | Alistair Marris. Procurement Manager 03-27872122  | RM15,000,000            | 100%                     |

# COMPLETED PROJECTS

| NO                                    | NAME OF CONTRACT AND LOCATION   | DESCRIPTION OF WORK  | PROJECT START DATE AND DURATION OF PROJECT   | CLIENT'S NAME  | CLIENT CONTACT PERSONNEL REFERENCE                          | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|---------------------------------------|---|--|--|--|---|-------------------------|--------------------------|
| <b>CATEGORY: CONSULTANCY SERVICES</b> |   |  |  |  |   |                         |                          |
| 16.0                                  | Provision of Engineering Detail Design of Mawar Block for Petronas Carigali Sdn Bhd - Sarawak Operations  | Works inclusive of renovation and upgrading works, refurbishment work, rectification work, integrity assessment work, drafting, reproducing and updating of engineering drawing and submission drawing to local authorities for AFC  | Awarded on 14 June 2012.<br>Completed on 1 August 2013                                   | PETRONAS Carigali Sarawak Operations (SKO)                     | Mohd Nazri Othman Senior Manager SCM SKO<br>085-470000      | RM306,470               | 100%                     |
| 17.0                                  | Provision of Engineering Consultancy Service for Assessment, Detail Inspection, Design, Testing and Reproduction of Drawing for Onshore Administration Building for PETRONAS Carigali Sdn Bhd – Sarawak Operations (SKO) (Unit Rate Contract) | Works inclusive of preparing drawings and tender documents for revamp and modifications for HVAC, electrical, civil & structural, architectural, interior decoration, infrastructure, instrumentation, fire & safety services for 3 years at PETRONAS Sarawak Operations Building. | Awarded on 1 <sup>st</sup> September 2010.<br>Completed on 31 <sup>st</sup> August 2013. | PETRONAS Carigali Sarawak Operations (SKO)                     | Mohd Nazri Othman Senior Manager SCM SKO<br>085-470000      | RM3,200,000             | 100%                     |
| 18.0                                  | Provision of Conductor Analysis   | Works Inclusive of Stress Analysis for Conductor Size 30", Inclusive of Non-Cyclonic and Cyclonic Design Environmental Condition and Vortex Study which includes Vortex Induced Vibration Sensitivity  | Awarded on 21 February 2013.<br>Completed 27 April 2013                                  | BC Petroleum Sdn Bhd   | Alistair Marris. Procurement Manager<br>03-27872122         | RM65,000                | 100%                     |
| 19.0                                  | Provision of Routine Radiological Monitoring for Helang Intergrated Platform  | Provision of Routine Radiological Monitoring for Helang Intergrated Platform   | Awarded on 26 June 2012.<br>Completed on 30 November 2012                                | SARKU Engineering Services Sdn Bhd                             | Ismarizal Bin Ismail<br>Hook-up Team<br>019-2672174         | RM63,060                | 100%                     |
| 20.0                                  | Provision of Routine Radiological Monitoring for Helang Intergrated Platform (Unit Rate Contract)   | Provision of Routine Radiological Monitoring for Helang Intergrated Platform   | Awarded On 16 February 2012.<br>Completed on 21 June 2012                                | JX Nippon Oil & Gas Exploration (Malaysia) Limited             | Emil Chong, HSE Engineer                                    | RM35,000                | 100%                     |
| 21.0                                  | Fire and Gas Detector Layout for Balai EPV Project  | Study Work for Fire and Gas Detector Layout for Balai EPV Project (1 week)   | Awarded on 29 Mei 2012.<br>Completed on 15 June 2012                                     | BC Petroleum Sdn Bhd   | Mr Narayanan 03 - 9207 9776<br>Senior Manager - Engineering | RM11,700                | 100%                     |
| 22.0                                  | Firewater System for Balai EPV Project  | Study Work for Firewater System for Balai EPV Project (2 weeks)  | Awarded on 12 June 2012.<br>Completed 10 July 2012                                       | BC Petroleum Sdn Bhd   | Mr Narayanan 03 - 9207 9776<br>Senior Manager - Engineering | RM42,600                | 100%                     |
| 23.0                                  | Provision to Conduct HAZOP Study for New Installation of Pig Strainer and Heat Exchanger Bypass Line  | Provision to conduct Hazop for Bunga Kertas. Works inclusive of the identifying, analyzing, evaluating the hazard, existing safeguard and protection during operations of new installation of Pig Strainer & Heat Exchanger Bypass Line.   | Completed on 25 <sup>th</sup> January 2011.  | Floating Production Storage Offloading (FPSO) Ventures Sdn Bhd | Syahnaz Izwandi Ibrahim.<br>03-2264 8000                    | RM10,450.00             | 100%                     |
| 24.0                                  | Provision to Conduct HAZID & HAZOP for FPSO Bunga Kertas Boiler.  | Provision to Conduct HAZID & HAZOP for FPSO Bunga Kertas Boiler (ONSHORE). Works inclusive of the identifying, analyzing, evaluating the hazard, existing safeguard and protection during operations of temporary boiler installation for FPSO Bunga Kertas                        | Completed on 9 <sup>th</sup> September 2010.   | Floating Production Storage Offloading (FPSO) Ventures Sdn Bhd | Syahnaz Izwandi Ibrahim.<br>03-2264 8000                    | RM10,450.00             | 100%                     |
| 25.0                                  | Provision of Project Management Services for Contract Title Engineering, Procurement, Construction and Commissioning of Dual Multi Media Project for PETRONAS Methanol Labuan   | Works inclusive of supervision of EPCC contract for Dual Multi Media Project for PETRONAS Methanol Labuan  | Completed on 27 <sup>th</sup> February 2011.   | PETRONAS Methanol Labuan                                       | M Sabri Project Leader.<br>087-411211                       | RM20,000.00             | 100%                     |

# COMPLETED PROJECTS

| NO   | NAME OF CONTRACT AND LOCATION   | DESCRIPTION OF WORK   | PROJECT START DATE AND DURATION OF PROJECT              | CLIENT'S NAME                           | CLIENT CONTACT PERSONNEL REFERENCE                          | TOTAL VALUE OF CONTRACT | PERCENTAGE OF COMPLETION |
|--|---|---|---|---|---|-------------------------|--------------------------|
| <b>CATEGORY: HVAC &amp; INSTRUMENTATION SYSTEM</b> |   |   |   |   |   |                         |                          |
| 1.0  | To Replace Steam Coil With Electrical Heater                          | To Replace Steam Coil With Electrical Heater (ONSHORE). Works inclusive of the modification of the existing chilled water AHU steam coil to electrical heaters and to introduce necessary DDC controls in order to achieve the desired indoor relative humidity, manpower and equipment mobilization. | Completed on 23 <sup>rd</sup> December 2009. (7 months) | PETRONAS Fertilizer Kedah (PFK) Sdn Bhd | Wan Suhana Che Wan Ahmad. Procurement Executive. 04-4604302 | RM139,899               | 100%                     |
| 2.0  | To Supply and Install 1 Set of Condenser Coils of the Carrier Chiller | To Supply and Install 1 Set of Condenser Coils of the Carrier Chiller. (ONSHORE). Works inclusive of procurement of aluminum coils, equipment and manpower mobilization.  | Completed on 28 <sup>th</sup> June 2009. (1 month)      | PETRONAS Fertilizer Kedah (PFK) Sdn Bhd | Wan Suhana Che Wan Ahmad. Procurement Executive. 04-4604302 | RM57,000                | 100%                     |