



LIST OF MAJOR PROJECTS

ITEM	PROJECTS DECRPTION	END USER / OWNER
1	Inspection for TNB Generation, Sultan Iskandar Power Plant Underground Gas Pipeline, Pasir Gudang. (4 surveys per year)	Tenaga Nasional Generation Sdn. Bhd.
2	Improvement of Impressed Current Cathodic Protection System for Buried Pipings at Kemaman Export Terminal.	Petronas Gas Berhad
3	Aquaria KLCC Convention Center-Design, Install, Testing and Commissioning of Steel Rebar Electrochemical Potential Monitoring System for Steel Reinforced Concrete Column. Incorporation of Online Monitoring System.	Aquaria KLCC
4	Supply of materials and installation of New Anode Groundbed for Petroas Gas Bhd's PGU II Sector 2, CP Station 6 at Meru, Klang.	Petronas Gas Berhad
5	To Revamp, Refurbish, Test and Commissioning Cathodic Protection System for Unit 1 (CW Intake) and Unit 2 (CW Pump House) of Phase 1 Conventional Steam Plant at Stesen Janaelektrik Sultan Iskandar, Pasir Gudang, Johor.	TNB
6	Close Interval Potential Survey (CIPS) for CP System for NPS30 PGU2 SEC.3 (ML005, Kluang to Plentong M/S) and Straits of Johore Pipeline.	Petronas Carigali Berhad
7	- Retrofit Design for Cathodic Protection for Tiong A to BEC Pipeline. - Retrofit Design for Cathodic Protection for PCSB's Tiong to Tapis Pipeline. - Retrofit Design for Cathodic Protection for 10" Pipeline from BEA to BEC.	Petronas Carigali Bhd
8	Review and Study of Cathodic Protection Systems and Related Documents for PMO Pipelines.	Petronas Carigali Bhd
9	33kV Mala Project – Sudan Supply of Materials and Testing & Commissioning of Cathodic Protection System.	WNPO, Sudan / Muhibbah Petrochemical Engineering Sdn Bhd
10	Mala Development Project, Package 5-Field Surface Facilities (FSF), Mala, Sudan Supply of Materials and Testing & Commissioning of Cathodic Protection System.	WNPO, Sudan / Muhibbah Petrochemical Engineering Sdn Bhd
11	Provision to Design, Procurement, Installation, Testing and Commissioning A New TRU for Cathodic Protection to Replace The Existing 50V/10A Export Terminal, Tg. Sulong, Kerteh.	Petronas Gas Berhad
12	The Reinstatement of Sacrificial Anode CP system for Fuel Oil Pipeline of PDB Bintulu Bulk Depot in Bintulu, Sarawak.	Petronas Dagangan Berhad
13	Soil Resistivity Measurement, Interpretation and Recommendation For The Proposed 1000ND MSCL Pipeline From Jalan Nyabau to Proposed Kemena R.C. Reservoir, Bintulu.	Lembaga Air Kawasan Utara (Laku), Bintulu
14	Pipeline Integrity Inspection by Non-Contact Magnetometry Tomography Method (MTM) for Petronas Carigali's Onshore Pipelines at Miri Crude Oil Terminal (MCOT), Sarawak.	Petronas Carigali Berhad (Sarawak)



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15	To conduct Close Interval Potential Survey (CIPS) for NPS 36" PGU III Sec 3 Pipeline, Gurun, Kedah. - from ML420 - ML425 - from ML420 - Perlis Lateral - from TOV438 – ML420 - Prai Lateral	Petronas Gas Berhad
16	Internal Pipeline Inspection for 24" (Gas) & 8" (Condensate) from OGT to GPP A and 42" (Gas) & 12" (Condensate) from OGT to GPP B using Non-Contact Magnetometry Tomography Method (MTM) for Petronas Carigali Sdn. Bhd., Peninsular Malaysia Operations.	Transkor Asia Sdn Bhd / Petronas Carigali Berhad
17	Provision of Non-Contact Magnetometry Tomography Method (MTM) above surface and underground piping integrity inspection for PCSB-MCOT, Miri, Sarawak, Malaysia.	Transkor Asia Sdn Bhd / Petronas Carigali Berhad (Sarawak)
18	DCVG Survey for underground pipelines at Labuan (LGAST) and Kota Kinabalu (SBGAST)	Transkor Asia Sdn Bhd / Petronas Carigali Berhad (Sabah)
19	The Execution, Completion and Commissioning of Mechanical, Pipelines and Piping works for Mala Satellite Development Project-Sudan-Package MS-2.	White Nile Petroleum Operating Company Ltd / Muhibbah Petrochemical Engineering Sdn. Bhd.
20	To supply Transformer Rectifier and internal components for Cathodic Protection at seawater intake area.	Petronas Methanol (Labuan) Sdn. Bhd.
21	To commissioning of Cathodic Protection System for Sai Noi Pipeline, Thailand.	Nacap / PTT Thailand
22	Bekok Raw Water Transfer Scheme Design, Construction, Supply, Delivery, Installation, Intergration, Testing and Commissioning of the Programme of Works.	Ranhill Engineers and Constructors Sdn. Bhd. / SAJ Holding Berhad
23	The Engineering, Procurement, Construction and Commissioning of Tanjung Langsat Port, Johor for Tanjung Langsat Port Sdn. Bhd.	Dialog E & C Berhad / Tanjung Langsat Port Sdn. Bhd.
24	Sacrificial Cathodic Protection Ssystem for Kuala Belait-Seria-Sg Liang Water Supply Stage 5–Phase1. Seria Raw Water Pumping Main Upgrade and Telisai Treated Water Transmission Main (Package 2)	Pahaytc Sdn. Bhd., Brunei
25	Supply, Delivery and Commissioning Works of Cathodic Protection for Package 2-MSCOP1 The Execution, Completion and Commissioning of Mechanical, Pipelines and Piping Works for Mala Satellite Development Project - Sudan	Muhibbah Petrochemical Engineering Sdn. Bhd. / White Nile Petroleum Operating Company Ltd
26	Close Interval Potential Survey (CIPS) with Global Positioning System (GPS) Coordinate System for Gelugor Subsea Pipeline, Penang. (7km)	Petronas Gas Berhad
27	Interference Investigation of Air Product's Underground Hydrogen Pipeline in Gebeng, Kuantan	Air Products Malaysia Sdn. Bhd.



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28	New Impressed Current Cathodic Protection System for Hydrant Extension II at KLIA, LCCT Terminal	Accent Technique Sdn. Bhd.
29	Rectification of Disconnected of MIJ Cabling at Gantung for FR6, Perak	MRCB Engineering Sdn. Bhd.
30	Supply, Delivery, Installation and Commissioning of The Cathodic Protection System at CW Pump House Phase 1, Kapar Power Station	Petronas Gas Berhad
31	To Conduct DCVG Survey for POP Pipelines for Brunei Shell Petroleum	Ogeoland Sdn. Bhd.
32	Services for Coating Repair & Correlation Work Based on Current Voltage Gradient (DCVG) at Pasir Gudang Lateral Pipeline & PGU 2 Sector 3 Pipeline, Johor for MIS-TES	Petronas Gas Berhad
33	Technical Audit on CP System for Transmission Pipelines – Powergas	Wilson Taylor Asia Pacific Pte. Ltd. / Powergas
34	AC Interference Study of Petronas Pipelines for electrified Double Tracking Project between Seremban-Gemas	Ircan International Ltd / Petronas Gas Bhd
35	Onshore CP System for BEDB-Sungai Liang Industrial Park-SPM System and Subsea Pipeline, Brunei	Leighton Contractors (M) Sdn Bhd
36	Supply of ZLA and Inspection for Pembaikan Jeti PGKL Marin Kastam BKT, Langkawi	Langkawi Cargo Port
37	CP Mitigation-Corrosion Control Test and Design (AC Interference Study) as required by Petronas Gas Bhd for Double Track Project at Bagan Serai (CH 55-475)	MMC-Gamuda Joint Venture / Petronas Gas Bhd
38	Provision of non-Contact Magnetometry Underground Piping Integrity Inspection for PCSB SBO-LGAST, Labuan	Transkor Asia Sdn Bhd / Petronas Carigali Bhd (Sabah)
39	Cathodic Protection System Audit Work for NPS 8" Underground Pipeline (7km) of Perusahaan Gas Negara (PGN) at Jakarta, Indonesia	Wilson Taylor Asia Pacific Pte Ltd / Perusahaan Gas Negara