

## BRIEF DESCRIPTION OF OUR SELECTED PROJECTS

NO.	PROJECT (STATUS)	CLIENT	PROJECT COST (RM)	PROJECT DESCRIPTION
1.	<p>Detailed Engineering Design And Supervision Of Construction Of Expansion Of North Butterworth Container Terminal.</p> <p align="center"><b>-Construction Completed-</b></p>	Penang Port Sdn Bhd, Malaysia	220.0 mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>21 hectares vertical drained reclamation Relocation Of Existing Buildings &amp; Infrastructure Container Yard for 5406 TGS and 120 reefer points New administration building &amp; facilities</p> <p><i>Challenges:</i> <i>Reclamation on 16m compressible soil strata (SPT less than 3) .Sand replacement the revetment key structure.</i> <i>Reclamation area designed for 5+1 container stacking yard.</i> <i>Vertical drain and surcharge to expedite engineered settlement and consolidation. Piled supporting girders for Electrified gantry cranes to cater any differential settlement</i></p>
2.	<p>Proposed Development for Marine Police Base at Lahad Datu, Sabah</p> <p align="center"><b>-Construction Completed-</b></p>	Ministry Of Internal Affairs, Malaysia	81.0 mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>15 acres sea- reclamation works, 1.5m design wave height 800m rock revetment and 684m pile foundation retaining wall</p> <p>Piled foundation T shape jetty for 4 berth catering PCB, PA and 2 nos PX boats Piled foundation single storey up to 4 stories R.C multi purpose building i.e quarters, administrative, sport complex and workshop Road and hardstanding, water reticulation, 66 500 gallon per day R.C elevated mushroom distribution water tank, Sewerage reticulation, 950 PE sewerage treatment plant MASMA Drainage System including Gross Pollutant Trap (GPT)</p>

				<p><i>Challenges:</i>  <i>Economise the landused plan by limiting the reclamation to -1m ACD. Geotechnical condition with initial hard strata at -3m and reaching rock bed at -12m below sea bed level. Slipway was designed with fingers to cater for boat lift operation</i></p>
3.	<p>Proposed Development for Marine Police Base at Tanjung Kupang, Johor                  Package 1 – Reclamation, Basin Excavation, Maritime Works, Main Road Infra                  Package 2 – Trimming of excess earth, Building and infrastructure works                  Package 3 - Trimming of excess earth, Building and infrastructure works</p> <p align="center"><b>-Design Completed-                  - Package 1 – Construction Stage -</b></p>	PBLT Sdn. Bhd/Ministry of Finance	450 mil	<p>Value engineering and cut cost saving review for :-</p> <p>110 acres development project which training complex, staff quarters and maritime berthing structures &amp; its basin and related infrastructure works. The C&amp;S works includes major works i.e. 1.5mil m<sup>3</sup> of land reclamation works, construction of jetties, slipway, boat lift platform, procurement of pontoons, staff quarters; high-rise (18-storey), medium-rise, low-rise building, administration building, swimming pool complex, multipurpose hall, boat hanger &amp; storage, workshops, water tank tower.</p> <p>Pre-bore spun piled foundation. Road, water supply, MASMA drainage with STD and 5000 PE sewerage system.</p> <p><i>Challenges:</i>  <i>Typical Malaysia west coast geological characteristic with 16m compressible soil strata (SPT less than 3). Reclamation management plan was incorporated the ongoing reclamation projects in the region to allow windows for suitable dredger availability. Contiguous bored pile for the retaining structure due to the soft nature of the subsoil condition and steepness of the river bank contour. Special environment management plan due to site proximity to international maritime boundary and RAMSAR declaration on mangrove reserve. The plan incorporate installation of double layered silt curtain to mitigate river pollution during reclamation and dredging. Planning and management of</i></p>

				<i>phased development with include vertical drain and surcharge to expedite engineered settlement and consolidation.</i>
4.	<p>Projek Kerja-kerja Pembaikkan Muara Sungai Mersing, Johor Darul Takzim Termasuk Pembinaan Pemecah Ombak Serta Kerja-kerja Berkaitan</p> <p><b>- Design Completed - ( Project Shelved )</b></p>	Malpakat Sdn Bhd/ Jabatan Pengairan Saliran Malaysia	30 mil	
5.	<p>The Design, Construction, Completion, Testing And Commissioning Of Submarine Base For Royal Malaysia At Sapangar Bay, Kota Kinabalu, Sabah</p> <p><b>- Project Completed -</b></p>	Public Works Department	350mil	<p>Design audit, value engineering and project management for:-</p> <p>Approximately 80 acres development via reclamation, retaining structures, submarine berth/shiplight, administrative buildings, operation buildings, workshops/hangers, depots, accomodations and related infrastructures.</p> <p><i>Challenges:</i>  <i>Overall project planning to comply with Naval requirement and submarine operation and supporting services. Auditing the pontoon breakwater against any possible leakages with anticipation for future scheduled maintenance works. (120m by 20m). Special berthing design with camel fender system to cater for the sensitivities of the submarine sonar fin.</i></p>
6.	<p>Proposed Expansion to the Mooring Basin of Kuantan, Port, Malaysia</p> <p><b>- Project Completed -</b></p>	Ministry of Transport	200 mil	<p>Design audit, project management and supervisory works for the dredging of the inner basin extension of Kuantan Port, Malaysia.</p> <p><i>Challenges:</i>  <i>Inland dredging for mooring basin expansion to cater for future berthing quay structure and navigation/turning basin of anticipated bigger vessels. Planning of construction management catering for the tight working condition and barging activities with its close proximity to the existing liquid</i></p>

				<i>bulk jetty and without jeopardizing the daily port operation. Additional infrastructure include a new hazardous liquid berth.</i>
7.	<p>Cadangan Pembinaan Pejabat Daerah Maritim Kuala Terengganu Di Mukim Losong, Daerah Kuala Terengganu, Terengganu</p> <p><b>- Construction Stage -</b></p>	<p>Agensi Penguatkuasaan Maritim Malaysia (APMM)</p>	32mil	<p>Detailed design and project management for :-</p> <p>Precast T-shape jetty for Maritime Enforcement Agency crafts of 90m in length x 10m in width and approach bridge 30m in length x 8m in width including 48m in length x 5m in width of cast in situ reinforced concrete boat ramp, slope protection works, floating pontoon system (aluminium frame &amp; timber deck) and drive on/drive off docking system for 3.5 tonne crafts (2 berthings).</p>
8.	<p>Redevelopment of Swettenham Pier, Penang</p> <p><b>- Construction Completed-</b></p>	<p>Penang Port Commission, Ministry of Transport</p>	65.0mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>Demolition of existing jetty.</p> <p>Construction Of New Main T-Pier Jetty, Trestle, dolphin &amp; walkway bridge to cater berthing of 4 nos. of Cruise vessels max. size 113000GRT and 2 pontoons for 4 berth of 250T coastal ferries .</p> <p>Custom, immigration, Quarantine Terminal building with passenger boarding bridge. Infrastructure work</p> <p><i>Challenges:</i></p> <p><i>400 m open type berthing wharf structure and dolphins on 16m compressible soil strata (SPT less than 3) at max. water depth of 19m for 110,000 GRT. Biggest vessel guided and tug assisted berth was for cruise vessel Queen Mary 2 (length 345m and 150,000 GRT). Terminal and CIQ bldg constructed on the open typed piled platform, designed as a continuous framed structure with the laterally loaded wharf.</i></p>

9.	<p>Proposed Fishing Port Development For Fishery Development Authority, Endau, Johor, Malaysia.</p> <p align="center"><b>- Construction Completed-</b></p>	Fishery Development Authority of Malaysia	22 mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>222m quay wall berthing structure, office complexes, auction hall, commercial building, canteen, amenities building, store, fish box storage shed, Class F &amp; C staff quarters and hostel for 50 personnels on 8.7 hectares development area, 1000 kVA sub station and 60,000 gal mushroom elevated water tank Infrastructure works include road, drainage, sewerage and oxidation pond</p>
10.	<p>Navigational Aids at Various Locations (150 locations)</p> <p align="center"><b>- Construction Completed-</b></p>	Marine Department Malaysia.	100 mil	<p>Planning, tender design, detailed design, project management &amp; value engineering for Marine Piling Works at deep water</p> <p>Reinforced concrete structure and pigmented FRP triangle daymark beacon for navigational aids</p> <p><i>Challenges:</i>  <i>Has designed over 150 numbers of light beacons throughout the country's maritime boundary where pile installations was done based on onsite observation of the driving condition in soft layers and shallow hard bed strata. Experienced on addressing short piled foundations on shallow hard strata and slender piling condition for deep soft soil strata . Each beacons utilized minimum 4 number of piles and construction has to be closely monitored against the tidal differences and weather condition.</i></p>
11.	<p>Upgrading Infrastructure For Fishery Port in Chendering, Terengganu Malaysia.</p> <p align="center"><b>- Detail Design Completed- ( Project Shelved )</b></p>	Public Works Department, Malaysia	40.0mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>Extension to main breakwater 350m and 200m secondary breakwater Design for 2m-6.4m wave height with 6tons-15 tons Acropode and 2tons-7tons Acropode as armour units for main breakwater and secondary breakwater respectively.</p>

				<p>Mooring jetty 325m length and 30m width for 10nos berth for Class A &amp; B fishing vessels.</p> <p>Open type berthing structures and fendering system designed for target vessels of 120GRT and possible controlled berthing of class 'C/C2' vessel.</p> <p>Dredging works of the port basin at level -4.5m above LSD with approximately 200,000m<sup>2</sup> dredged volume</p>
12	<p>Redevelopment Of Kuala Perlis Fishery Port, Perlis, Malaysia</p> <p><b>- Construction Completed-</b></p>	<p>Perunding SSR/ Fishery Development Authority of Malaysia</p>	<p>30.0mil</p>	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>2 hectares reclamation.</p> <p>25m x 200m quay berth structure for fishing vessels , office complexes, auction hall, commercial building, canteen, amenities building, store, fish box storage shed</p> <p><i>Achievement:</i>  <i>The founding directors is instrumental in the successful planning and implementation in modernising fishing ports in Malaysia. This include introducing systematic and effective fish landing, packing and marketing process which duely reduced post harvest losses. Centralizing the regulators administrative fishing activities. Infrastructure inclusive of net mending yard , boat repair yard, ice factory, freezing plant and processing factories are planned and provided.</i></p>
13.	<p>Beautification Works at Kuala Melaka Riverbank, Pulau Langkawi Kedah.</p> <p><b>- Construction Completed-</b></p>	<p>Langkawi Development Board (LADA)</p>	<p>25.0mil</p>	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>Eco-tourism development along river front.</p> <p>Construction of bridge, inflatable rubber dam and locks, pier, viewing tower, fisherman complex, market, food stalls, floating restaurant, pontoon, bicycle rental station, workshop, administration amenity buildings, road, drainage, sewerage and water supply.</p>

14.	Bridge Assessment / Repair/ Repair at Federal Roads, Terengganu.  <b>- Construction Completed-</b>	Public Works Department, Malaysia	20.0mil	Appraisal on existing 57 nos bridges on federal road in Terengganu. Design new integral bridges including the approach road temporary road diversions and other miscellaneous works.
15.	Structural Repair To Piles At Berth 1 To 5 And Access Bridge No. 2 To 6, Butterworth Deep Water Wharves.  <b>- Construction Completed-</b>	KMZ Sdn Bhd	26.0mil	Structural Repair Works to the Piled Foundation Wharf Involving Cutting and Replacing 3000 Pile Position.
16.	Structural Appraisal And Repair To Shallow And Deep Water Jetty At Naval Base Lumut, Perak.  <b>- Construction Completed-</b>	Public Works Dept / KMZ Sdn. Bhd	17.0mil	Structural Inspection, Appraise, Design and Project Management for The Repair Works Which include Pile Repair By Jacketing, Shot Creting and Formworked Repair.
17.	Appraisal & Strengthening Of M.S.E. Jetty, Johor Bahru, Johor.  <b>- Construction Completed-</b>	Corroless (M) Sdn Bhd.	2.0mil	Structural Inspection, Appraise and Prepare Repair Solutions For The Contractor.
18.	Planning of Waterfront Facilities for Nusajaya, Johor, Malaysia.  <b>- Project Completed-</b>	United Engineers Malaysia Bhd/ Perunding Padureka	60mil	Analyse and prepare urban design guideline for the waterside facilities of the waterfront facilities in Nusajaya. Guideline involve the public marina, commercial marina, public ferry terminal, cruise terminal and private berth.  <i>Challenges: Master plan for the narrow navigational approach and integrated land and water transport facilities.</i>
19.	Ferry Terminal for Sabah Port, Malaysia (Tawau/Kota Kinabalu)  <b>- Project Completed-</b>	Sabah Port Authority/MDS TransAsia	10mil	Analyse and prepare guideline for the planning of ferry terminal in Tawau and Kota Kinabalu, Sabah, Port.
20.	Master Plan Study for Flood Mitigation and River Management for Muar River Johor  <b>- Project Completed-</b>	Irrigation and Drainage Department Malaysia/ Hydec Engineering Sdn Bhd	150mil	Analyse and prepare guideline for the infrastructure required for the flood mitigation and river management of Muar River.

21.	<p>Proposed Development for Liquid Chemical Berth for BASF Petronas Chemicals at Kuantan Port, Pahang</p> <p><b>-Construction Completed-</b></p>	Kuantan Port Authority	40.0mil	<p>Provide design audit, project Management and Supervisory Works For The Construction Of The Jetty.</p>
22.	<p>Proposed Development Of heritage Centre &amp; Maritime Centre At Putrajaya Administrative Centre, Presint 5, Putrajaya, Malaysia</p> <p><b>- Construction Completed-</b></p>	Putrajaya Corporation	120.0mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p><i>12.5 acres development of Heritage Park and Maritime Centre which consists of hotels, business complex, Malay Water Village &amp; Viewing Tower, Waterfront Structure, Artificial Beach, Borneo Pavilion Emergency Rescue Centre, R.C. Ramp and Ferry Terminal, launching pontoon etc. Pre-bore spun piled foundation (both underwater and land ), R.C. lake edge wall, sub-soil drainage system, R.C. building and ERC structural steel building.</i></p>
23.	<p>Proposed Development of Regatta Course and Promenade, Precinct 6, Putrajaya (Watersport Complex Project At Precinct 6, Putrajaya)</p> <p><b>- Construction Completed-</b></p>	Putrajaya Corporation	70.0 mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>9.5 acres development project which consists of Grand Stand with tensile membrane and steel structure roofing, Finish Tower structural steel building, Swimming pool complex with 1 level of basement, regatta course lanes, pontoons, boat launching ramp. Revetment, R.C. wall, softscape and hardscape. Pre-bore spun piled foundation. Road, water supply, MASMA drainage with STD and 2600 PE sewerage system</p> <p><i>Challenges:</i></p> <p><i>Water retaining structure cum basement carpark.</i></p>
24.	<p>Proposed Medical Campus For Kulliyah Perubatan UIA Malaysia At General Hospital Kuantan, Pahang Darul Makmur.</p> <ul style="list-style-type: none"> <li>- Design And Build</li> </ul> <p><b>-Construction Completed-</b></p>	International Islamic University / Hamidi Tech Sdn. Bhd.	30.0mil	<p>Planning, detailed design, project management &amp; value engineering for :-</p> <p>Medical Campus Complete With Lecture Theatre and Halls, Operating Theatre, Quarantine Facilities and Infrastructure Works.</p>



25.	Resettlement Of Squatters And Fishermen's Housing Seberang Kota, Kuala Kedah, Malaysia.  <b>- Construction Completed-</b>	Kedah State Economic Planning, Unit, Malaysia / Muaraman Sdn Bhd	30.0mil	Planning, detailed design, project management & value engineering for :-  65 acres development. 674 units houses with double chamber sub station. Upgrading existing road works, redesign drainage system and 5 PE individual system.
26.	Proposed Development for Seri Malaysia Hotel On Lot Pt 12332, Malacca, Malaysia.  <b>- Construction Completed-</b>	Ministry of Tourism, Malaysia	13.0mil	Planning, detailed design, project management & value engineering for :- Hotel with 100 guest rooms, administration block, swimming pool, watch tower, lobby restaurant and staff café. Slope protection with rock filled gabion and R.C retaining wall. Road, water supply, MASMA drainage and 140 PE sewerage system.
27.	Medical Campus for Kuantan Hospital, Pahang, Malaysia  <b>- Construction Completed-</b>	International Islamic University/ Hamidi Tech Sdn Bhd	30 mil	Design, manage and supervise for the design and build contractor to Medical Campus of the International Islamic University in Kuantan Hospital. Works involve lecture and operating theatres.
28.	Maintenance and Upgrading of Premier Schools in Sembrong District, Johor, Malaysia  <b>- Construction Completed -</b>	Ministry of Education, Malaysia	18 mil	Design, project management and supervised the maintenance and upgrading works for 11 schools in Sembrong District, Johor.
29.	Cadangan Pembinaan Bangunan 5 Tingkat Lot 54559 / Pn 7723 Di Indera Mahkota Mukim Kuala Kuantan Pahang Untuk Kuantan Medical Centre Sdn Bhd  <b>- Construction Stage -</b>	Kuantan Medical Centre Sdn Bhd	90.0mil	Private hospital for 150 beds including lecture theaters, halls, operating theaters.
30.	Proposed Development Of International University College Of Automotive (IUCAM) Student Village On Pt 13225, Pekan, Pahang.  <b>- Construction Stage -</b>	DRB-Hicom Properties Sdn Bhd	120.0mil	Proposed development and construction of International College of Automotive Malaysia (ICAM) student village for 3000 student.

31.	Cadangan Projek Pembinaan Kampus Uitm Di Semujuk, Jasin, Melaka  <b>- Construction Stage -</b>	YBK Usahasama Sdn Bhd	300 mil	University Campus comprising infrastructures, admin building, lecturer halls, hostels and others.
32.	Proposed Value Engineering Exercise For The Phase J-9, Denal Alam, Seksyen U16, Shah Alam, Selangor Darul Ehsan  <b>- Construction Completed-</b>	Sime Darby Property Berhad	Cost saving 3.2 mil	Scope of works to described details based on the component of works for every each project. Project Manager (PM) of each project shall mark of all component of work at each project.  <i>Challenges: Value engineered the overall piled foundation by replacing with raft foundation for the terrace houses</i>
33.	Development Of Slipway For Fishery Complex At Kuantan, Pahang, Malaysia.  <b>- Construction Completed-</b>	Perunding Teras/ Fishery Development Authority of Malaysia	10.0mil	3 acres slipway to cater for 9nos. vessels, max. 250GT per boats with winches and rail slips.
34.	Redevelopment Of Kuala Perlis Fishery Port, Perlis, Malaysia  <b>- Construction Completed-</b>	Perunding SSR/ Fishery Development Authority of Malaysia	30.0mil	2 hectares reclamation 25m x 200m quay berth structure for fishing vessels , office complexes, auction hall, commercial building, canteen, amenities building, store, fish box storage shed
35.	Navigational Aids at Variaus Locations (40 locations)  <b>- Construction Completed-</b>	Marine Department Malaysia.	25mil	Marine Piling Works at deep water  Reinforced concrete structure and pigmented FRP triangle daymark beacon for navigational aids
36.	Maintenance Dredging For Kuala Selangor River, Selangor, Malaysia  <b>- Design Completed- ( Project Shelved )</b>	Marine Department Malaysia	6.0mil	Design of navigation channel to 4.5m ACD and dredging works requirement for the river mouth.
37.	Slipway@Mukim Semarak On Lot 1185, Kelantan, Malaysia  <b>- Design Completed- ( Project Shelved )</b>	Tok Bali Dockyard & Engineering Sdn Bhd	5.0mil	0.8acres slipway to cater for 2 nos. vessels, max. 500GT per boat with winches and rail slips. Demolition of a portion of existing slipway Design of reinforced concrete retaining wall.

38.	<p>Proposed Fishing Landing Jetty and Other Related Works at:</p> <ul style="list-style-type: none"> <li>i) Kertih, Kemaman, Terengganu Darul Iman</li> <li>ii) Sungai Rengit, Pengerang, Johor Darul Takzim</li> <li>iii) South Port, Kelang, Selangor Darul Ehsan</li> </ul> <p style="text-align: center;"><b>- Construction Completed-</b></p>	Fishery Development Authority of Malaysia	6 mil	Jetty berthing structures on the coastline and river bank, administrative office, infrastructure works and coastal protection works.
39.	<p>Jetties and Landings For Tourism</p> <ul style="list-style-type: none"> <li>i) Jeti Teluk Aur, Pulau Perhentian Kecil</li> <li>ii) Jeti Pasir Panjang, Pulau Perhentian Kecil</li> <li>iii) Jeti Pasi Mat Kedah, Pulau Perhentian Kecil</li> <li>iv) Jeti Pasir Air, Pulau Lang Tengah</li> <li>v) Jeti Teluk Kalong, Pulau Redang</li> </ul> <p style="text-align: center;"><b>- Design Completed-</b></p>	Ministry of Tourism, Malaysia	10.0mil	11 nos jetties for tourist boats. Design to consider environmental sensitivity with regard to corals and beach front
40.	<p>Proposed Recreational Jetty and Tourism at Sri Pantai, Sungai Besar, Selangor Darul Ehsan.</p> <p style="text-align: center;"><b>-Detailed Design Completed-</b></p>	Public Works Department, Malaysia	4.0mil	Design Of Recreational Jetty and Other Infrastructures For Tourism Requirement Structure are mainly Timber Works.
41.	<p>Proposed Jetty at:</p> <ul style="list-style-type: none"> <li>i) Pulau Beras Basah, Pulau Langkawi, Kedah Darul Aman.</li> <li>ii) Selat Bagan Pauh, Pulau Tuba, Pulau Langkawi Kedah Darul Aman</li> <li>iii) Kuala Temoyong, Mukim Kedawang, Daerah Langkawi, Kedah Darul Aman, Malaysia</li> </ul> <p>Proposed Fishing Landing Structure and Other Related Works at:</p> <ul style="list-style-type: none"> <li>i) Sg. Kilim, Pulau Langkawi, Kedah Darul Aman</li> <li>ii) Teluk Puyuh, Pulau Tuba, Daerah Langkawi, Kedah Darul Aman</li> <li>iii) Selat Bagan Nyiur, Pulau Langkawi, Kedah Darul Aman.</li> </ul> <p>The Design And Supervision Of A Jetty At:-</p> <ul style="list-style-type: none"> <li>i) Tanjung Rhu, Pulau Langkawi, Kedah Darul Aman</li> <li>ii) Kuala Teriang, Pulau Langkawi,</li> </ul>	Langkawi Development Authority (LADA)	30 mil	Jetties For Fishing Boats and Tourism Landing in Langkawi Island.

	Kedah Darul Aman  <b>- Construction Completed-</b>			
42.	Design, Build and Completion Works for Jetty, Helipad, Staircase and Other Related Works at Pulau Perak, Malaysia  <b>-Construction Completed-</b>	Public Works Department / Benalec Sdn Bhd	4.0mil	Lighthouse, Helipad and Boat Landing Platform For Enforcement Boats. Landing Platform Was Design For 4m Ware ht. Upligt.
43.	The Structural Repair And Rehabilitation Works For Transit Point B, Sungai Golok, Kelantan Darul Naim	Jabatan Pengairan Dan Saliran Malaysia		Structural repair and rehabilitation works of reinforced concrete light beacon to strengthen and prolong the lifespan of the structure. The methods of structural repair adopted includes Hand-Placed, Form worked (free flow/pressure grouting) and Spray (wet/dry process) application method.  The scope of works includes the preparation of tender documents including technical drawings, specifications and bill of quantities.
44.	Pembinaan Kompleks CIQ, Imigresen Dan Jeti Penumpang Dimuara Sungai Melaka, Melaka	Kementerian Hal Ehwal Dalam Negeri Malaysia / Perunding Ariz	2 Mill	2nos. of reinforced concrete jetty for Kementerian Hal Ehwal Dalam Negeri consists of 60m in length x 8.5m in width Passenger Jetty and 58m in length x 5.8m in width Operation Jetty complete with jetty accessories (i.e bollard, rubber fender and precast concrete kerb)
45.	Kuala Perlis Port Study, Malaysia  <b>- Project Completed-</b>	Marine Department/ Ministry of Transport	350mil	Engineering economic and marketing for the feasibility study of Kuala Perlis Port. Study involves hydraulic, port and maritime engineering and economic analysis.
46.	Planning of Waterfront Facilities for Nusajaya, Johor, Malaysia.  <b>- Project Completed-</b>	United Engineers Malaysia Bhd/ Perundingg Padureka	60mil	Analyse and prepare urban design guideline for the waterside facilities of the waterfront facilities in Nusajaya. Guideline involve the public marina, commercial marina, public ferry terminal, cruise terminal and private berth.

47.	<p>Master Plan Study for Flood Mitigation and River Management for Muar River Johor</p> <p align="center"><b>- Project Completed-</b></p>	<p>Irrigation and Drainage Department Malaysia/ Hydec Engineering Sdn Bhd</p>	150mil	<p>Analyse and prepare guideline for the infrastructure required for the flood mitigation and river management of Muar River.</p>
48.	<p>Proposed Development for Liquid Chemical Berth for BASF Petronas Chemicals at Kuantan Port, Pahang</p> <p align="center"><b>-Construction Completed-</b></p>	<p>Kuantan Port Authority</p>	40.0mil	<p>Provide Project Management and Supervisory Works For The Construction Of The Jetty.</p>
49.	<p>Proposed Value Engineering Exercise For The Phase J-9, Denal Alam, Seksyen U16, Shah Alam, Selangor Darul Ehsan</p> <p align="center"><b>-Construction Completed-</b></p>	<p>Sime Darby Property Berhad</p>	<p>Saving 3.2 mil.</p>	<p>Scope of works to described details based on the component of works for every each project. Project Manager (PM) of each project shall mark of all component of work at each project.</p>
50.	<p>Cadangan Pembinaan Hangar Lapangan Terbang Sultan Abdul Aziz Shah, Subang, Selangor Darul Ehsan Untuk Tetuan Aerotree Defence &amp; Services Sdn. Bhd.</p> <p align="center"><b>- Construction Stage -</b></p>	<p>AEROTREE DEFENCE &amp; SERVICES SDN. BHD.</p>	6mil	<p>(1) Functions: Development Type: Aircraft Hangar Development area: 1.42 acres (estimated) Components: 1 unit aircraft hangar including ancillary rooms.</p> <p>2) Infrastructures: (a) Earthworks (b) Drainage (c) Roadworks (d) Sewerage (e) Water Supply</p> <p>3)Structure (a) General Properties (b) Hangar (c) Ancillary Rooms</p>