We have the distinction of being recognized as leaders in project management and designs, and have successfully delivered mega projects at economical costs on time.

Dato' Ir. Ashok Kumar Sharma
Founder
VISION
To be the preferred engineering services group in the region that provides unparalleled quality in delivering projects.

MISSION
Ensuring our projects are managed in a safe, sustainable and collaborative manner.

VALUES
To inculcate the following values through employee engagement.
- Integrity & Accountability
- Embracing & Enhancing diversity
- Nurturing a culture of honesty and hard work that builds trusted relationships


Seated Left to Right: Dato' Ir. Goh Chye Koon, Datuk Ir. Adanan Mohamed Hussain, Tan Sri Izzuddin bin Dali, Dato' Ir. Ashok Kumar Sharma.
Since inception in the 80s, we have pursued best engineering practices in all aspects of a project. Our competitive advantage is our team, who are experienced in identifying economical and practical solutions ultimately bringing blueprints to reality.

We have assisted clients in delivering projects by emplacing the proper expertise in their projects, and this has proven to benefit the projects both in terms of timely delivery and cost effectiveness.

3Es

We are a multi-disciplinary engineering and project management consultancy with a unique brand value proposition.

Experience
Take advantage of our experience and innovative thinking skills

Since inception in the 80s, we have pursued best engineering practices in all aspects of a project. Our competitive advantage is our team, who are experienced in identifying economical and practical solutions ultimately bringing blueprints to reality.

Exposure
Be inspired by our wide exposure of project successes

Over the years we have successfully delivered a wide portfolio of projects in Peninsular Malaysia, East Malaysia, and in the following countries: India, Pakistan, Sri Lanka, Bangladesh, Vietnam, Laos, Indonesia, Ghana, and the Middle East, amongst others.

Expertise
Capitalize on the expertise of our people

We have assisted clients in delivering projects by emplacing the proper expertise in their projects, and this has proven to benefit the projects both in terms of timely delivery and cost effectiveness.
OUR SERVICES

Civil & Structural Engineering
We have wide experience in both infrastructure and building projects that include ports, rail, township development, commercial, residential, industrial, hospitals, hotels, and airports.

Mechanical & Electrical Engineering
We have wide experience in both infrastructure and building projects that include ports, rail, township development, commercial, residential, industrial, hospitals, hotels, and airports.

Project & Construction Management
We provide expertise in an integrated scope of services that include feasibility studies, construction management, engineering management, strategic and financial planning, and advisory services.

Independent Check Engineers
In this specialized service, we have project exposure in various sectors such as rail, highways, bridges, buildings, and power projects. The scope of services that we provide include cost, pre and construction stage reviews, as well as monitoring and overseeing of the projects.
Light Rail Transit 3 Shah Alam - Klang
- Scope: Lead Consultant for Civil, Structural, Geotechnical, Mechanical, Electrical & Architectural Designs of 18.4 km of elevated viaduct, 10 stations and a train depot
- Completion Date: 2023

Light Rail Transit 2 Ampang Line Extension
- Scope: Alternative Structural Design of 17.3 km of guideway
- Completion Date: 2016
Mass Rapid Transit Depot
- Scope: Civil & Structural designs of MRT1 depot
- Completion Date: 2015

East Coast Rail Link Phase 1
- Scope: Independent Checking Engineers for 627 km of rail
- Completion Date: 2024
Mass Rapid Transit, Line 1
- Scope: Construction Engineering for 10.6 km of viaduct
- Completion Date: 2015

Light Rail Transit 3 Depot
- Scope: Civil, Structural, Geotechnical, Mechanical, Electrical & Architectural Designs
- Completion Date: 2023
HIGHWAYS & BRIDGES
Pasir Gudang Highway 2 Lane to 3 Lane Carriageway Expansion
- Scope: Civil, Structural, Electrical & Geotechnical Designs for 8 km
- Completion Date: 2016

Flyovers along Jalan Duta, Jalan Kuching & Jalan Segambut
- Scope: Structural Designs for 3 interchanges
- Completion Date: 2007

Penang Second Crossing
- Scope: Submitting & Review Engineers (Civil, Structural, Mechanical & Electrical) for the Marine Portion of 16.5 km and Seismic Analysis of Penang Island Approach
- Completion Date: 2014

DUTA – ULU KELANG EXPRESSWAY (DUKE-PHASE 1) & TUN RAZAK LINK (TRL-PHASE 2) & SETIAWANGSA – PANTAI EXPRESSWAY (SPE-PHASE 3)
- Scope: Civil, Structural, Geotechnical, Mechanical & Electrical Designs for 21 km of viaduct
- Completion Dates: 2009, 2017 and 2020

Duta – Ulu Kelang Expressway (Duke-Phase 1) & Tun Razak Link (TRL-Phase 2) & SetiaWangsa – Pantai Expressway (SPE-Phase 3)
- Scope: Civil, Structural, Electrical & Geotechnical Designs for 8 km
- Completion Date: 2016
Ampang – Kuala Lumpur Elevated Highway (AKLEH)
- Scope: Civil, Structural, Geotechnical, Mechanical & Electrical Designs for 6km of viaduct
- Completion Date: 2001

Subang Kelana Link
- Scope: Civil & Structural Designs of 4.5 km of viaduct
- Completion Date: 2009

Istana Ramps at Jalan Duta
- Scope: Structural Designs for four ramps
- Completion Date: 2011
Lebuhraya Kajang Seremban
- Scope: Independent Checking Engineers for Lenders for 30 km of expressway
- Completion Date: 2011

New Pantai Expressway
- Scope: Civil, Structural, Geotechnical, Mechanical & Electrical Designs for 21 km of expressway
- Completion Date: 2004

Bayan Baru Viaduct
- Scope: Civil, Structural, Geotechnical, Mechanical & Electrical Designs of 2.4 km of viaduct
- Completion Date: 2005
Mixed Development 8MD3, Putrajaya
- Scope: Mechanical & Electrical Designs
- Completion Date: 2024

Perbadanan Filem Negara Malaysia Headquarters, Selangor
- Scope: Civil, Structural & Geotechnical Designs
- Completion Date: 2021

KPJ 2 Damansara Specialist Hospital
- Scope: Civil, Structural, Mechanical & Electrical Designs for a 300 bed hospital
- Completion Date: 2019
Cybersecurity Head Office and Innovation Centre, Cyberjaya
- Scope: Mechanical & Electrical Designs
- Completion Date: 2019

Cutting and Assembly Workshop, Malaysia Marine & Heavy Engineering (MMHE)
- Scope: Architectural, Civil, Structural, Mechanical & Electrical Designs
- Completion Date: 2009

Cargo Building, Senai Airport
- Scope: Civil & Structural Designs
- Completion Date: 2004

Kuala Lumpur International Airport Administration Building
- Scope: Civil & Structural Designs
- Completion Date: 1998
Port of Tanjung Pelepas
- Scope: Master Plan Review
- Completion Date: 2013

Labuan Port
- Scope: Privatization Study
- Completion Date: 2015

Kuantan Port
- Scope: Structural Designs
- Completion Date: 1998
3 x 50 MW Solar Photovoltaic Energy Generating Facility in Kedah, Melaka and Terengganu
- Scope: Independent Checking Engineers
- Completion Date: 2019

Don Sahong Hydropower Project
- Scope: Technical Review of 260 MW plant and detail designs of roads and bridge
- Completion Date: 2019
PROJECT MANAGEMENT SERVICES
Pan Borneo Highway Sarawak
Package 1, Telok Melano - Sematan
- Completion Date: January 2019
Batang Rajang Durin Bridge
Pan Borneo Highway Sarawak

Solar Photovoltaic Energy Generating Facility in Kedah
- Scope: Project and Construction Management
- Completion Date: 2019