



GEM

GEM Consultants Limited

ISO 9001: 2015, 14001: 2015 & 45001: 2018 Certified Company
ISO/IEC 17020:2012 Certified under Bangladesh Accreditation Board

Introduction

GEM Consultants Limited is a Bangladeshi engineering consulting firm specializing in planning, project management, and implementation. They offer services in various sectors like transport, energy, rural development, water, environment, climate, and urban utilities. They partner with local and foreign firms and are certified by ISO 9001, 14001, 45001, and 17020.



Background of the Company

GEM Consultants provides comprehensive project support, from initial studies to completion. They serve government, autonomous, private, and international clients. Services include:

Surveys and investigations

Resettlement planning

Feasibility studies

Design and documentation

Procurement services

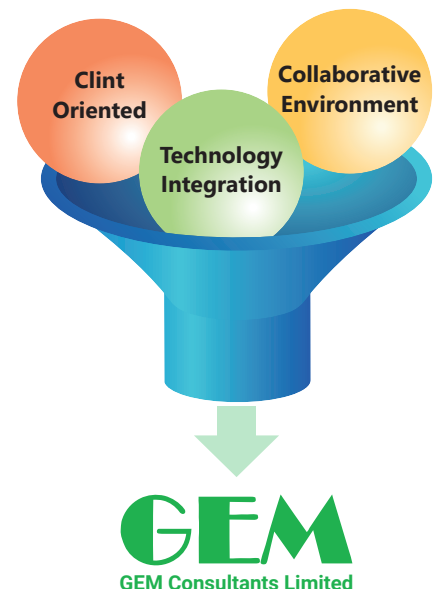
Project management and monitoring

Quality control

Operations and maintenance (O&M) □

GEM has a team of experts in various fields, including engineers, project managers, designers, specialists, analysts, and more. They offer project conception, design, and implementation assistance in all aspects of project management and technology solutions.

GEM is ISO 9001-2015 certified and emphasizes effective planning, operation, and quality management. They prioritize training and technology transfer in their projects.





Major Clients (Local and International)



GoB



ADB



World Bank



JICA



RHD



BBA



CAAB



RCC



KDA



Bangladesh
Army



Mongla Port
Authority



BSA

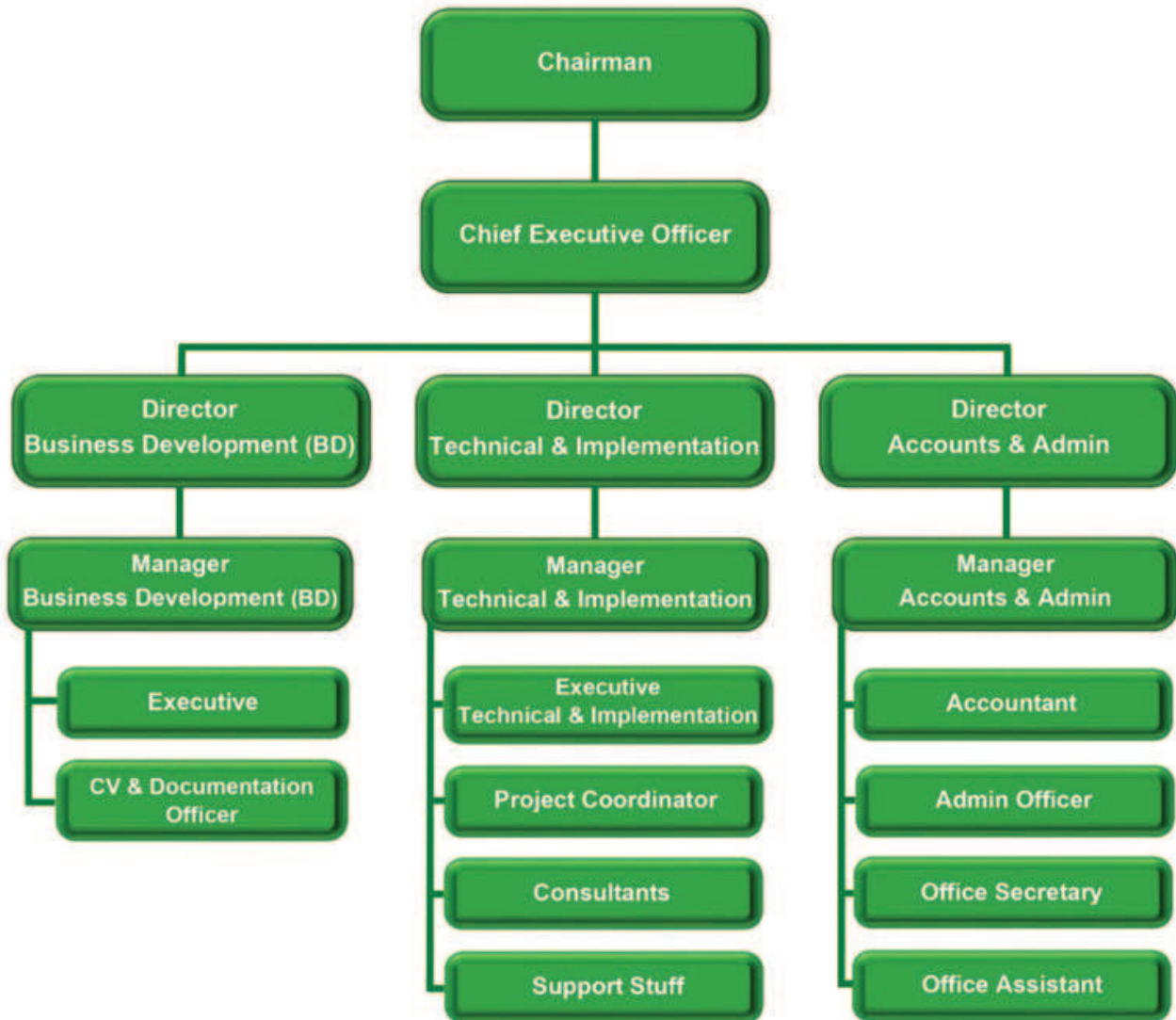
ISO CERTIFICATIONS



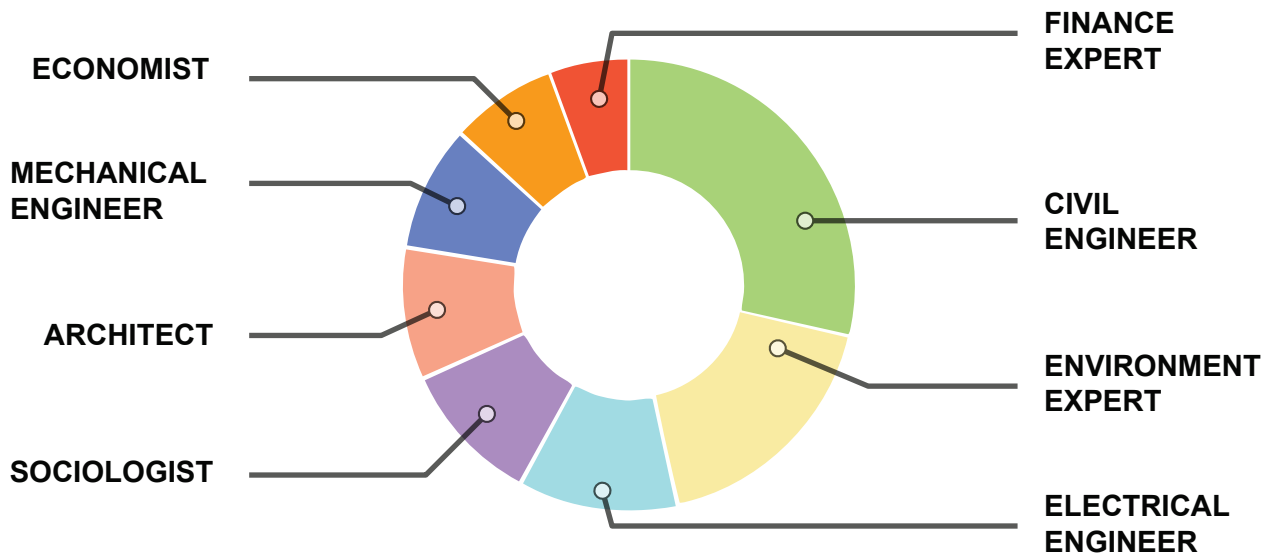
BAB CERTIFICATIONS



Organogram of GEM



Staff Resources



ONGOING PROJECTS

SL. NO	ASSIGNMENT PROJECT NAME	CLIENT
01	Prepare Detail Design, Drawing & Construction Supervision including other incidental works for construction of integrated flyover at Bornali, Bondho gate and new Bismillah Railway Crossing along recently completed 4 lane road under the project "Integrated Urban infrastructure Development in Rajshahi City" (LOTB)	Rajshahi City Corporation
02	Prepare Detail Design, Drawing & Construction Supervision including other incidental works for construction of 4 no's Flyover at different Railway Crossing under the project "Integrated Urban infrastructure Development in Rajshahi City"(LOTC)	Rajshahi City Corporation
03	Consultancy (CSC) Service for the "Widening of Road and Construction of Elevated Road from Panchaboti to Mukterpur Bridge"	Bangladesh Bridge Authority (BBA)
04	Consulting Services for Road user satisfaction survey and progress assessment through result monitoring framework for Western Economic Corridor and Regional Enhancement (WeCARE) program	Roads and Highways Department (RHD)
05	Review of pavement, Bridge, culvert design and supervision of construction works for widening the Barayerhat - Heanko - Ramgarh Road (R-151 & R-152) under Chattogram Road Division	Roads and Highways Department (RHD)
07	Improvement of Elenga-Hatikamrul -Rangpur to a 4 -lane Highway (SASEC Road connectivity project –under Korea Consultants International)	Korea Consultants International Ltd.
08	Consultancy Services for the Project "Expansion of Chattogram Shah Amanat International Airport (Design Review)"	Civil Aviation Authority, Bangladesh (CAAB)
09	Program for Supporting Rural Bridges (SupRB), Contract Package No. SD22-1: Dhaka Division	Local Government Engineering Department (LGED)

COMPLETED PROJECTS

- Consultancy service for Identification, Prioritization and Pre-Feasibility for PPP **Project Under Roads and Highway Department**
- Consultancy Service to Conduct Detailed Feasibility Study on Establishing 21 (Twenty-One) Cultural Centers in the Name of 21 Bangladeshi Legends by **Bangladesh Shilpokola Academy**
- Design, Drawing and Construction Supervision of a 2 lanes Flyover at Mohonpur rail crossing **under the project Integrated urban infrastructure** development in Rajshahi city Corporation
- "Climate Resilience and Adaptation Options for Hatikamrul-Bonpara-Jhenaidaha Phase 1" Project. **AECOM India Pvt. Ltd.**
- Impact Evaluation of Rehabilitation of Ganges-Kopadak Irrigation Project (2nd Revised) by **IMED, Ministry of Planning**

PROJECT SITE ACTIVITIES



Consultancy (CSC) Service for the "Widening of Road and Construction of Elevated Road from Panchaboti to Mukterpur Bridge"



Construction Supervision of 2 lanes Flyover as extension part of the existing flyover at Mohonpur rail crossing under the project Integrated urban infrastructure development in Rajshahi city



Consultancy Service to Conduct Detailed Feasibility Study on Establishing 21 Cultural Centers in the Name of 21 Bangladeshi Legends, Bangladesh Shilpokola Academy



Improvement of Elenga-Hatikamrul-Rangpur to a 4-lane Highway (SASEC Road connectivity project II) under KCI

GEM CONSULTANTS LIMITED PROVIDES EXPERTISE SERVICE ON

- Environmental Impact Assessment (EIA)
- Site Specific Environmental Management Plan (SSEMP)
- Construction Environmental Management Plan (CEMP)
- Initial Environmental Examination (IEE)
- Monthly-Quarterly Report Preparation
- Stakeholder Consultation
- Environmental Testing (e.g. Air Quality and Noise Level Monitoring)
Water, soil & sediment sample collection & preparation for Testing

ONGOING PROJECTS

- **Bangladesh-** Perform Environmental Management, Environmental Testing and Overall Environmental Monitoring & Reporting of South Asia Sub-Regional Economic Cooperation Dhaka-Sylhet Corridor Road Investment Project, Package No: DS-3, DS-4, DS-5 and DS-10.
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting of Rural Connectivity Improvement Project (RCIP), Package- 43@/RCIP/JSR' Under **Local Government Engineering Department (LGED)**.
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting of 'Program for Supporting Rural Bridges (SupRB)' Under **Local Government Engineering Department (LGED)**, (District:Sirajganj, Lakhmipur, Pabna, Chadpur, Noakhali, Gaibandha)

COMPLETED PROJECTS

- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting of Rural Connectivity Improvement Project (RCIP), Package- 44@/RCIP/JSR' Under **Local Government Engineering Department (LGED)**
- **Bangladesh-** SASEC Road Connectivity Project: Improvement of Joydevpur-Chandra-Tangail-Elenga to a 4-lane Highway Under **Roads & Highway Department**
- **Bangladesh-** Air and Noise Level Monitoring at Khulna (Khulna & Satkhira) and Barishal (Barishal, Patuakhali, Barguna & Pirojpur) Division under **the Project of COASTAL EMBANKMENT IMPROVEMENT PROJECT, PHASE II**
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting of Karnafuly Dry Dock Limited (KDDL) project, **Chittagong**
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting at '**Environmental Impact Assessment Study of the Proposed Bangabandhu Sheikh Mujib Hi-Tech Park, Rajshahi**' Project
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting at the project of '**Establishment of 50 Seat Medical College and Upgradation and Modernization of Existing Railway Hospital into 250 Beds at Paksey in Pabna**'.
- **Bangladesh-** Perform Environmental Testing and Overall Environmental Monitoring & Reporting of Cross Border Road Network Improvement Project, Package-A2 under **Roads & Highway Department**
- **Bangladesh-** Perform Environmental Testing (Air and Noise) and & Reporting at the project of Environmental Impact Assessment for "Extension of Bank Note and Other Security Production Area" of The SPCBL, **Bangladesh Bank Project**
- **Bangladesh-** Perform Environmental Testing (Air and Noise) and & Reporting at the project of '**Master planning of 20 new buildings and other infrastructural facilities of Rajshahi University**'

PROJECT SITE ACTIVITIES



Noise Level Monitoring in Cross Border Project by JICA



Ground Water Sampling



Air Quality Monitoring (CBRNIP-A2 Project)



Surface Water Sampling

GEM CONSULTANTS LIMITED (GEM) PROVIDE EXPERTISE SERVICE ON



Pile Integrity Test (PIT)



Pile Driving Analyzer (PDA)



Cross Hole Sonic Logging (CSL)

MAJOR PROJECTS

- PDA and PIT test at Construction of 09 Nos. Bridges under Barisal Zone under Western Bangladesh **Bridge Improvement Project (WBBIP), Barisal under RHD**
- PDA and PIT test at Cross Border Road Network Improvement Project(CBRNIP), **Contract Package #A2, Jessore under RHD**
- PDA and PIT test at Construction of Mongla Port Container Jetty No. 03 & 04, Mongla by **E-Engineering under Supervision by Mongla Port Authority**
- PIT test at Construction of Sports Complex with Ancillary Services at Comilla University under **Ministry of Education**

PROJECT SITE ACTIVITIES



Pile Integrity Test (PIT)



Pile Driving Analyzer (PDA)



Cross Hole Sonic Logging (CSL)

GEM CONSULTANTS LTD. CONTRACT SIGNING



Widening of Road and Construction of Elevated Road from Panchaboti to **Mukterpur Bridge project** by Bangladesh Bridge Authority



Consultancy Service for the expansion of Shah Amanat International Airport (Design Phase) by Civil Aviation Authority, Bangladesh.

Contract Signing



Contract Signing for Consultancy Services: Identification, Prioritization, and Pre-Feasibility Studies for **PPP Projects under the Roads and Highways Department**



Contract signing of **Program for Supporting Rural Bridges (SUPRB) SD 22-1, Dhaka Division**

Determination

GEM was established with the purpose of development e.g., transport infrastructure, water management, climate studies, urban utilities, rural development, environmental management, energy, and natural resources that will have an active presence in major development in the country as well as the world. Part of the vision of the company is to transfer the baton of the company from generation to generation; hence we have accomplished our plans to put the right structures in place that will encourage our succession plan.

To point out the company for growth, we have been competent to generate strong enterprises with the government of the people's republic of Bangladesh, the private sector, and the public sector.

We are confident that we will continue to execute growth for our clients. Our energetic team will continue to get the needed provision and encouragement that they need to be able to convey set goals and targets for the organization, and we will linger to progress our practices and structure to meet the changing development in the construction & development industry.

GEM's concern is to frequently advance all aspects of the country & the world in which we drive Transport, environment, social, and economic creating a better tomorrow than today.

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