



BEXIMCO ENGINEERING LTD.



Dimensional Thinking

# our mission

Each of our activities must benefit and add value to the common wealth of our society. We firmly believe that, in the final analysis we are accountable to each of the constituents with whom we interact; namely: our employees, our customers, our business associates, our fellow citizens.







# about the company

Beximco Engineering Ltd. (BEL) is a wholly owned construction unit of the renowned industrial and trading house Beximco Group and uniquely serving the needs of the construction industry in a world of rapidly changing technology. The name BEL is the culmination of long process of organizational development that started in the 70's. Initially it started as a specialised engineering and management unit within the Beximco Group. Finally as the work load increased to a level beyond the capacity of a small team, BEL was created as an independent Company in 1984. An experienced team of engineers and key management people, formed the core of the Company.

Backed by the accumulated experience BEL has established a systematic comprehensive engineering superiority to execute any kind of construction projects and respond to the challenges facing it.

Financially stable as the subsidiary of Beximco Group, BEL has access to the expertise and facilities of its parent and to those of other subsidiaries to undertake complete programme, planning, implementation and completion of construction projects of any magnitude.

BEL has been a technological leader and pioneer construction company in Bangladesh for years. Today sustained by the support of Beximco Group and its own capabilities BEL continues to make great advances in the development of nation building tasks. Their accomplishments and capabilities which lend particular strength and satisfaction reflected by the clients.

Currently BEL has increased a good number of staff including technical & management professionals for its field and head office.

In order to keep ahead of its competitors and to maintain high professional management quality and technical skill, BEL provides management and development training programmes throughout the year.

These training programmes are conducted through Beximco Group's own training center which is fully equipped with modern training facilities and qualified training staff both local and expatriates. Key professionals are also sent abroad for training not available at home.

Now with the skills and proven record of achievement BEL is committed to utilize these skills to ensure fulfillment of both its own goal and goals of valued clients for a better tomorrow.

# Massages Group CEO



Construction is a vital sector for any developing country, especially ours, as it reflects the progress of physical infrastructure, such as ports, bridges, highways, water works, power stations and housing schemes. Bangladesh has a lot of room for development in these areas, as the per capita statistics show. However, this is not a reason to despair, but rather an opportunity to grow and explore new frontiers. This vision inspired the BEXIMCO Group to make construction one of its core business activities, and led to the establishment of BEXIMCO Engineering Ltd. in 1984. Since then, BEXIMCO Engineering Ltd. has achieved remarkable success, with the Jamuna Bridge being the most notable example.

Today, BEXIMCO Engineering Ltd. is ready to take on new challenges, whether they are public sector projects like highways and bridges, power plants or private sector projects like industrial factory, multistory housing schemes etc. To survive, overcome and grow in this enduring episode of our national & human development BEXIMCO ENGINEERING LTD. is a name you will come to hear, remember and trust in the years



# Messages from CEO



## Dear Distinguished Partners, Valued Clients and Esteemed Associates,

It is with profound enthusiasm I address you on behalf of **Beximco Engineering Limited (BEL)**, a beacon of excellence in the infrastructure development industry in Bangladesh for about 4 decades. Following the Independence of Bangladesh in 1971, there emerged a resounding call for the development of infrastructure. In the early 80's, the visionary leaders in Beximco Group recognized this momentous juncture which catalyzed the inception of BEL in 1984. It was not merely a business decision, but an unwavering commitment to fostering economic and societal transformation.

Bangladesh has immense potential of progress where challenges and opportunities coexist in the construction industry. In this vibrant tapestry of Bangladesh's development, BEL stands tall as a dynamic force, working tirelessly to weave the threads of progress, innovation, and sustainability.

What sets BEL apart is not just the scale of our projects, but the ability to blend traditional craftsmanship with state-of-the-art technology, ensuring efficiency, safety and the highest quality standard. We have a team of highly experienced and professional engineers, embracing eco-friendly practices and innovative solutions that align with our responsibility towards the environment. Our portfolio of projects stands as a testament to our competence, precision and dedication delivering world class projects at home and abroad.

As the CEO of this prestigious organization, I am deeply committed to ensuring our relentless pursuit of excellence and push the boundaries of innovation. Our vision is simple yet powerful, to be one of the top tier construction companies by 2041, providing integrated engineering solutions, ensuring international standards, quality and safety while increasing customer satisfaction and stakeholder's value. Our clients are not just partners; they are the driving force behind our success.

In conclusion, I would like to express my heartfelt gratitude to our honorable founders, stakeholders, and the entire BEL family for their commitment, support, and dedication. Together, we shall forge a path towards a future that is defined by excellence, innovation, sustainability, and socioeconomic progress.

**Engr. Maj. Gen. (Retd) F M Zahid Hossain, SBP**  
Chief Executive Officer





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## CHRONOLOGICAL

# DEVELOPMENT

PERIOD: 1980-2024

Beximco Engineering Ltd.(BEL) is owned by Beximco Group which is a renowned industrial and trading house of the country rendering uniquely high quality Civil Engineering Services in developing the country. The group is one of the biggest industrial conglomerates in Bangladesh. Beximco Group is growing very fast day by day in new fields. It has 28 Industrial units under the Group.

Beximco Engineering Ltd. was created as a company in 1970. The team of BEL also been very active for a long time, thus accumulating vast experience, being equipped with a good fleet of heavy equipment and high technology in the execution of construction trades, rendering a good service in the development of the country. The core competency behind Beximco Engineering Ltd. lies in providing technical expertise and years of experience in civil construction to complete infrastructure and construction projects on time and on budget. As one of the largest local subcontractor on the 4.8 Km long historical Bangabandhu (Jamuna) Multipurpose Bridge and 99 Km long Jumuna Bridge Railway Link Project, Beximco Engineering Ltd. has proven its ability to match the international standard of construction. Beximco also the owner of Soiltech International Ltd., ACE Construction Ltd.

BEL started its operation in the 70s as a small, in-house Engineering & management unit to facilitate in-house project management: Like Beximco Synthetic Yarn factory at Savar, Dhaka, Padma Textile Mills Ltd. Unit-1 at Kanchpur, Narayagonj, Beximco Pharmaceuticals Ltd. Beximco Infusions, Basic Chemical building during 1970-80.

### 220 KM LONG 600 MM DIA GAS TRANSMISSION LINE (1980-1983)

Construction of 220 km long 600 mm dia Gs Transmission Line from Bakhrabad Gas Field to Chittagong and 500 mm dia around Chittagong City under Bakhrabad Gas system Ltd. Construction period was 1980-1983 at the cost of Tk. 1,260 million.

### KAITALA PUMP STATION (1985-1988)

Construction of Kaitala Pump station under Pabna RHD project, BWDB, Pabna. Construction period was 1985 - 1988 at the cost of Tk. 93.50 million.

### 88 KM LONG DOHAZAR-COX'S BAZAR 132 KV POWER TRANSMISSION LINE (1987-1989)

Construction of 88 Km long Dohazari - Cox's Bazar 132 KV Power transmission Line under Bangladesh Power Development Board. Construction period was 1987 - 1989 at the cost of Tk. 58 million.

### TANGAIL - MODHUPUR ROAD (1987-1990)

Construction of Tangail-Madhupur road under Feeder Road Improvement project, Roads and Highways Department (RHD). Construction period was 1987 - 1990 at the cost of Tk. 350 million.





#### BACK-UP FACILITIES, MULTIPURPOSE BERTH A & B (1990-1991)

Construction of Back-up Facilities, Multipurpose Berth A & B, Chittagong Port Authority at Saltgola under China Harbours Engineering Co. (CHEC). Construction period was 1990 – 1991 at the cost of Tk. 124.30 million.

#### COMILLA BYPASS ROAD IMPROVEMENT PROJECT (1990-1992)

Construction of Road Improvement Project, Contract No. 12 from Comilla bypass to Chandina Bypass under Roads and Highways Department (RHD). Construction period was 1990 – 1992 at the cost of Tk. 180.15 million.

#### 210 MW THERMAL POWER STATION, RAOUZAN, CHITTAGONG PROJECT (1991-1996)

Construction of 210 MW Thermal Power Station Project at Raouzan, Chittagong under China National Machinery & Equipment Import & Export Corporation (CMEC). Construction period was 1991 – 1996 at the cost of Tk. 230 million.

The scope of works:

- 450 & 600 mm dia Cast-in-situ pile for 1st & 2nd Unit (Total nos. of pile 1475)
- 3 Storied Administrative Building (Total Building area 24,000 Sft)
- Loading Platform & Water Intake Structure on 1200 mm dia cast-in-situ pile at Karnafuli River.
- 24 Km long 230 KV Transmission Line of Duplex conductor from 210 MW Thermal Power Plant to Hathazari Sub-Station, Chittagong.
- Construction of 230/132 KV Hathazari Sub-Station.

#### JHENAI DAHA-KUSH TIA ROAD PROJECT (1993-1994)

Construction of 6 Km long Road Improvement Project, Contract No. RIP-12 from Jhenaidaha – Kushtia section under Roads and Highways Department (RHD). Construction period was 1993-1994 at the cost of Tk. 69 million.

#### PADMA TEXTILE MILLS LTD (1993-1994 & 1996-1998)

Construction of Padma Textiles Mills Limited (Plant -1) at Kanchpur and Padma Textiles Mills Limited (Plant-2) at Sarabo, Gazipur under Beximco Group. Construction period was 1993-1994 and 1996-98 at the cost of Tk. 676.00 million.

The scope of works:

- Land development- 56,658 sq m.
- Main factory building
- Blow room
- Preparatory section
- Finishing section
- Cone factory
- Warping, Sizing, Loom, Grey Fabric, Turbine,
- Go-down
- Work shop
- Store
- Chiller & Boiler House
- Generator House
- Officer's residential building
- Worker shed, Dormitory building
- Internal road- 2,000 meter
- Total built up area- 53,405 sq m.

#### BEL TOWER OF BEXIMCO ENGINEERING LIMITED (1994-1996)

Construction of 15-storied most sophisticated office building 'BEL Tower' at 19 Dhanmondi R/A, Road No. 1, Dhaka-1205 of Beximco Engineering Ltd. Construction period was 1994-96 at the cost of Tk. 140.00 million.



# CHRONOLOGICAL DEVELOPMENT

The scope of works:

- Total build-up area including basement- 3,94,400 sft
- Sanitary & Plumbing works
- Internal Electrification works
- Elevator 2 sets
- Substation-1000 kVA
- Generator- 2 sets (380 kVA & 350 kVA)
- Firefighting system

## JAMUNA MULTIPURPOSE BRIDGE PROJECT (1994-1999)

Construction of Jamuna Multipurpose Bridge under Hyundai Engineering & Construction JV, Jamuna Multipurpose Bridge Project Authority (JMBP) Bangladesh. Construction period was 1994 - 1999 at the cost of Tk. (1200) 170 million.



The scope of works:

- Camp Facilities & temporary Structures.
- Pre-cast Segment Production-1254 Nos.

## FACTORY BUILDING OF BEXIMCO GROUP (1995-1996)

Construction of Factory Building in Beximco Textile Limited, Denim Mills Ltd., Knighting Ltd., Beximco Fashion Ltd., Bexi-Garment washing plant at Sarabo, Gazipur under Beximco Group.

The construction period was 1995 - 1996 at the cost of Tk. 872 million.

The scope of works:

- Main Factory building
- Grey Yarn, Warping, Sizing, Loom, Grey Fabric, Finishing Unit
- Godown
- Workshop
- Store Chiller & Boiler house
- Generator House



- Water treatment plant
- 5 Storied Dormitory building & Rest House
- Internal road- 4000 Meter
- Total built up area- 67,534 sq m.

#### PUTIMARI BRIDGE (1995-1997)

Construction of 102 meter long Pre-stressed Concrete Girder bridge over Putimari River on Bagerhat -Dema Road, Bagerhat under LGED. Construction period was 1995-1997 at the cost of Tk. 14.30 million.

#### PRODUCTION & ADMINISTRATIVE BUILDING OF BEXIMCO PHARMACEUTICAL LTD (1996-2002)

Construction of Beximco Pharmaceuticals Limited at Tongi, Gazipur under Beximco Group. Construction period was 1992 - 2002 at the cost of Tk. 282 million.

The scope of works:

- Production Building
- Office & Amenities Building
- Basic Chemical Building Extension



- Raw water storage tank
  - Inhaler building
  - Cooling tower building
  - Generator House etc.
  - Internal road and Land development- 950 meter
  - Total built up area- 9,695 sq m.
- The total Industrial area is 81,775 sq. m

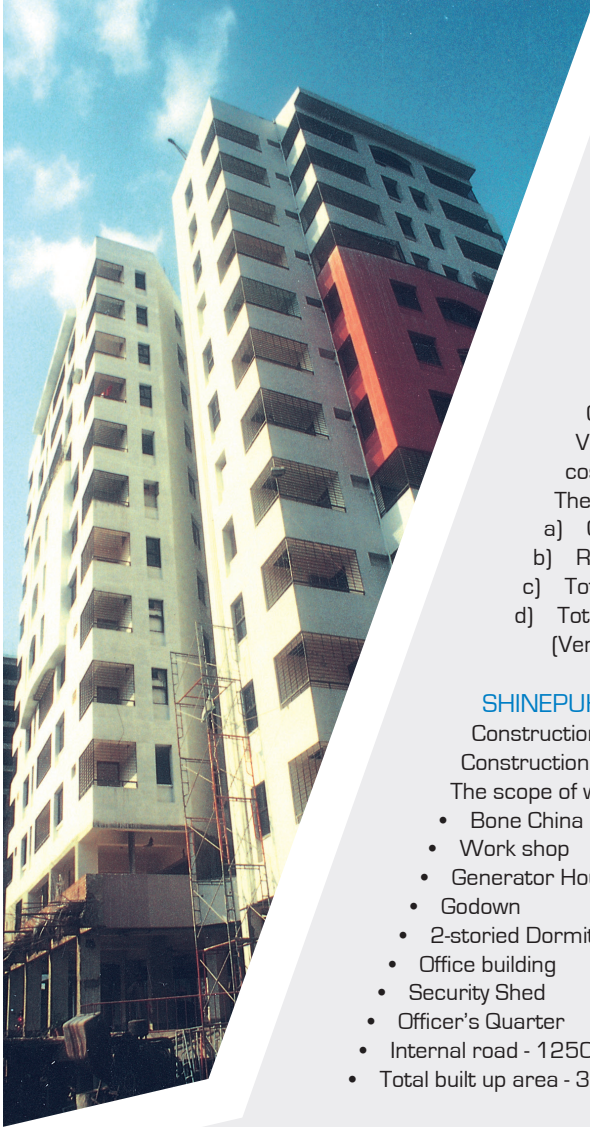
#### APARTMENT BUILDING OF SHINEPUKUR HOLDINGS LTD (1996-2002)

Construction Modern Apartment Building including Civil, Sanitary & plumbing system, Land scaping, Electrification along with Sub-station & Generator of Shinepukur Holdings Ltd.

Construction period was 1996-2005 at the cost of Tk. 730 million



# CHRONOLOGICAL DEVELOPMENT



## THE LIST OF APARTMENT:

- CHARM VILLE, 9 & 13-Storeyed, 2 no. Building, Green Road, Dhaka- 70 Units
- MANOSHI LAKE VIEW, 6 & 10 Storeyed, 7 nos. building, Mirpur, Dhaka- 200 Units,
- MOHONA, 15-Storeyed high-rise building, Panchlaish, Chittagong- 172 Units
- GRAND TERRACE, 9 & 13-Storeyed high-rise building, New Eskaton, Dhaka- 196 units
- BELVEDER, 6-Storeyed building, Dhanmondi, Dhaka- 10 units
- MELODY, 6-Storeyed building, Gulshan, Dhaka- 10 units
- CASA FLORES, 6-Storeyed building, Baridhara, Dhaka- 10 units
- ALINDO, 6-Storeyed building, Dhanmondi, Dhaka- 15 units
- BELMONT, 6-Storeyed building, Dhanmondi, Dhaka- 15 units

## JAMUNA RAILWAY LINK PROJECT (1998-2001)

Construction of Jamuna Bridge Railway Link Project under Samwhan-TSO Joint Venture, Bangladesh Railway (BR). Construction period was 1998 - 2001 at the cost of Tk. 350 million.

The scope of works:

- a) Camp Facilities for Samwhan Engineer's.
- b) Railway Embankment of 14 km with a Volume of 1,060,000 Cu m.
- c) Total Bridge 22 Nos. & Total Box Culverts 57 nos.
- d) Total pile casting & driving 734 Nos. of 400 mm x 400 x 22.50 to 28.40 meter long (Vertical & Racker)

## SHINEPUKUR CERAMICS FACTORY BUILDING OF BEXIMCO GROUP (1998-2002)

Construction of Shinepukur Ceramics Limited. at Sarabo, Gazipur under Beximco Group. Construction period was 1998-2000 at the cost of Tk. 405.00 million.

The scope of works:

- Bone China unit, Porcelain unit, Body and decoration unit, Sagger, Laboratory, Dieal, Mould unit,
- Work shop
- Generator House
- Godown
- 2-storied Dormitory building
- Office building
- Security Shed
- Officer's Quarter
- Internal road - 1250 Meter
- Total built up area - 32,750 sq m.

## KARNAFULI BRIDGE (2004)

Construction of Super structure of 304.08 meter long pre-stressed Concrete Girder Bridge over Karnafuli River at Godown Ghat of Kalurghat-Charandip-Bhanderjuri-Sarabhabata Road of Roads & Highways Department (RHD). Construction period was 2004 at the cost of Tk. 34.69 million.

## BEXIMCO INDUSTRIAL PARK (1999)

Construction of Internal Road, Landscaping, Plantation & fountain etc. for Beximco Industrial Park at Sarabo, Gazipur under the consultancy of Roots & Shoots Karachi, Pakistan. Construction period was 1999 at the cost of Tk. 100 million

## BARAPUKURIA COAL FIRED POWER PLANT (2002-2004)

Civil Construction work of Barapukuria Coal Fired Thermal Power Plant Project (2X125 MW=250 MW) at Fulbaria, Dinajpur under CMC- SEC-SEEC Consortium, China.

The construction period was 2002-2004 at the cost of Tk. 420 million.

The scope of works:

- 600 mm dia. 26 m long 1200 Nos. cast-in-situ piling
- The composite structure of Workshop Building having 3,393 sq m.
- Electrical works and machine connection.
- Total Buildup area in Building work 19,500 Sft.

#### ZENITH PACKAGES HEAD OFFICE OF ITTEFAQ TOWER (2004-2006)

Construction of 10 Storied Commercial Building of ZENITH packages Head office building having one basement at Kawran bazar, Dhaka under supervision of Assoconsult Ltd.

Construction period was 2004 – 2006 at the cost of Tk. 41 million.

The scope of works:

- Civil works
- Finishing work
- Sanitary & plumbing work etc.
- Electro-mechanical work
- Air-con system
- Sub-station 630 kVA
- The total Buildup area 48,610 Sft and having 1 Basement

#### BONE CHINA PLANT EXPANSION (2009-2011)

BEL executed the construction of Bone-China Plant Expansion Project multi roof level RCC Factory Building at Shinepukur Ceramics Ltd.

Construction period was June 2009 – 2011 at the Cost of Tk. 180 million.

Total Buildup area: 2,05,000 Sft.

#### CASTING & DRIVING OF PRECAST CONCRTE PILE OF IIUC (2009-2011)

Casting & driving of pre-cast concrete piles work of 20 storied Academic Building-1, of Female Campus at Chandgaon, Chittagong under International Islamic University Chittagong (IIUC).

Construction period was 2009 – 2011 at the cost of Tk. 260 million

The scope of works:

- 350mmX350mm, 30 meter (2X15meter) long, spliced, pre-cast concrete piles work.

#### BEXIMCO MEDIA COMPLEX BUILDING PROJECT (2010-2011)

Construction of 2 nos. 10 storied Tower # 3,150 ft height Commercial building having one Basement composite steel including electro-mechanical works of Beximco Media complex at Tejgaon, Dhaka.

Construction period was 2010 – 2011 at the cost of Tk. 860 million.

The scope of works:

- Mat foundation, Thick- 400 mm, Total 00000
- Water supply
- Internal Sanitary & Plumbing system
- Drainage system
- Firefighting system
- Gas connection
- Central HVAC system
- Electrification work
- Supply & installation of 4.8 MVA Sub-station
- Supply & installation of Generator 1.6 MVA (2 nos.)
- TV Studio room with acoustic (sound proof) floor and wall

#### 360 MW HARIPUR COMBINED CYCLE POWER PLANT (2011-2013)

Civil construction work of the largest government power plant project in Bangladesh under Hyundai Engineering & Construction Co., Ltd. (Korea).

Construction period was June 2011 – 2013 at the Cost of Tk. 732 million.

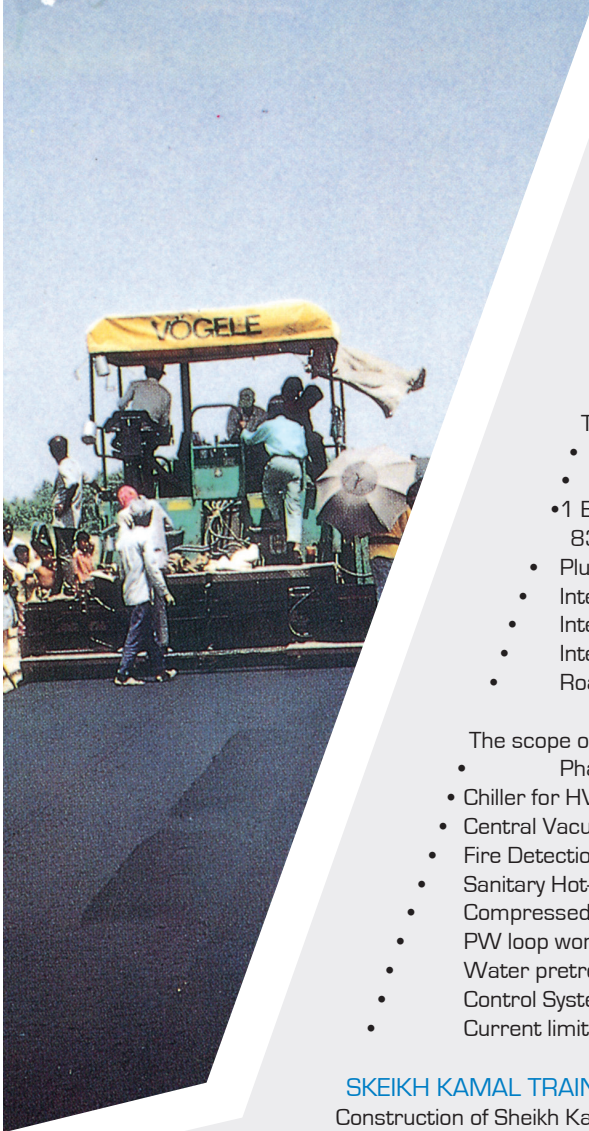
The scope of works:

- Cast-in-Situ pilling, Total- 856 [ D- ,L- ]
- Rady mix concrete (RMC) supply
- 10 Nos. of Building construction
- Shore line protection work by Sheet Piling
- Jetty construction work including sheet piling
- Dredging, filling & pavement
- Onshore, Off-shore intake and discharge structure including Sheet piling
- Dredging & GRP pipe placing with Screen Structure.





# CHRONOLOGICAL DEVELOPMENT



## 337 MW DUEL-FUEL COMBINED CYCLE POWER PLANT, MEGHNAGHAT (2012-2014)

Civil Construction work of Meghnaghat 337 MW dual fuel (Natural Gas/ liquid Fuel Oil) fired combined cycle power plant project under NEPC and CNEEC consortium, China.

Construction period was 2012 - 2014 at the Cost of Tk. 630 million.

The scope of works:

- Casting and driving of pre-cast 1400 sq m.

## UNIT-3 BUILDING OF BEXIMCO PHARMACEUTICALS LIMITED (2013-2020)

Civil Construction and Electromechanical Works of Unit- 3 project of Beximco Pharmaceuticals Limited at Tongi, Gazipur under Beximco Pharmaceuticals Limited.

Construction period was 2013-2020 at the Cost of Tk. 4888 million.

The scope of civil works:

- Mat foundation, Thick-400 mm, Total-1,20,000 sft
- Precast pile, D- L-18 ~ 23 M: Total 1710 nos.
- 1 Basement+3 floor, height- 7.2 m along with Mezzanine floor: Total floor area- 83,650 sq m
- Plumbing system
- Internal & External Drainage system
- Internal road-1800 rft
- Interior works at Ground floor Reception
- Road crossing Cable trench-3 nos

The scope of Electro-mechanical works:

- Pharmaceuticals Clean room area-300,000 sft,
- Chiller for HVAC system-3700 Ton
- Central Vacuum and Dust collector system-Air flow- 6000 M/hr &Collector: 100 Lit
- Fire Detection & Protection System, Pump cap-1500 GPM at 233 PSI
- Sanitary Hot-Cold Heating Water System
- Compressed Air pipe line
- PW loop work, Dia-3" & Dia-4"
- Water pretreatment system
- Control System
- Current limiter for Transformer Parallel operation & Short Circuit protection-4500A, 100kA.

## SKEIKH KAMAL TRAINING ACADEMY (2015-2020)

Construction of Sheikh Kamal Training Academy of RCC fair-face building with 100% white cement at Dhanmondi, Dhaka under Abahani Limited.

Construction period was 2015 - 2020 at the Cost of Tk. 75 million.

The scope of works:

- Structural design
- Surveying & soil investigation work
- Sanitary & plumbing work,
- Finishing work
- Total buildup area 1020 sqm
- Electro mechanical work
- Air-con system
- Peripheral MS pipe boundary wall.

## 200 MW TEESTA SOLAR POWER PLANT (2017-2023)

Construction of 200 MW Solar Power project at Sundarganj, Gaibandha of Beximco Power Company Limited.

Construction period was 2017 - 2023 at the cost of USD. 325 million.

The scope of works:

- Land development- 700 Acres,
- Embankment at River- side 4.5 Km
- Embankment at Country-side- 7.5 Km
- Internal Road- 7.5 Km



- Access Road- 8.0 Km
- Internal Drainage system- 3.0 Km
- Electric Tower -122 Nos.
- 110 MW Sub-Station- 02 nos.
- 132 KV Double Circuit Transmission Line- 35.35 CKM
- 450watt Solar Panel- 5,00,000 nos. and Office building construction.

#### BEXIMCO LPG PLANT (2017 –2024)

Construction Beximco LPG Plant at Mongla, Khulna under Beximco LPG Unit-1 Limited.  
Construction period was 2017 – 2024 at the Cost of Tk. 1220 million.

The scope of works:

- Land Development -2,335 Acres,
- Piling work- D-450 mm ~ 700 mm, L-21m ~ 25.5m & 46.5m, Total-926 nos.
- Spherical Tank- 2 nos. capacity- 3,000 ton, (1,500 tonx2),
- Mounted Bullet Tank -2 nos. capacity-3,400 ton (1700 tonx2)
- Buildup area -15,000 sq m.
- Approach road- 3.45 KM (W-6M)
- Internal road- 650 M (W-3.5M ~ 12M)
- Surface drain- 2,632 M (W-300 mm ~ 600 mm)
- Jetty construction (L13m x W9m), Mooring dolphin-6 nos. Trestle (L68m x W3.5m) Catwalk (L110m x W0.9m)
- Shore Protection- 254 (W-9M)
- Boundary wall- 1,29 M (H-2.44M)

#### COMPOSITE STRUCTURE OF ITTEFAQ TOWER (2018 –2021)

Construction of 3+15 Storied High-rise Commercial Building composite structure of ITTEFAQ TOWER at Hatirjheel, Dhaka under Bakergonj Bohumukhi Khamar Prokalpa Ltd. (BBKPL).  
Construction period was 2018 – 2021 at the cost of USD. 377 million.

The scope of works:

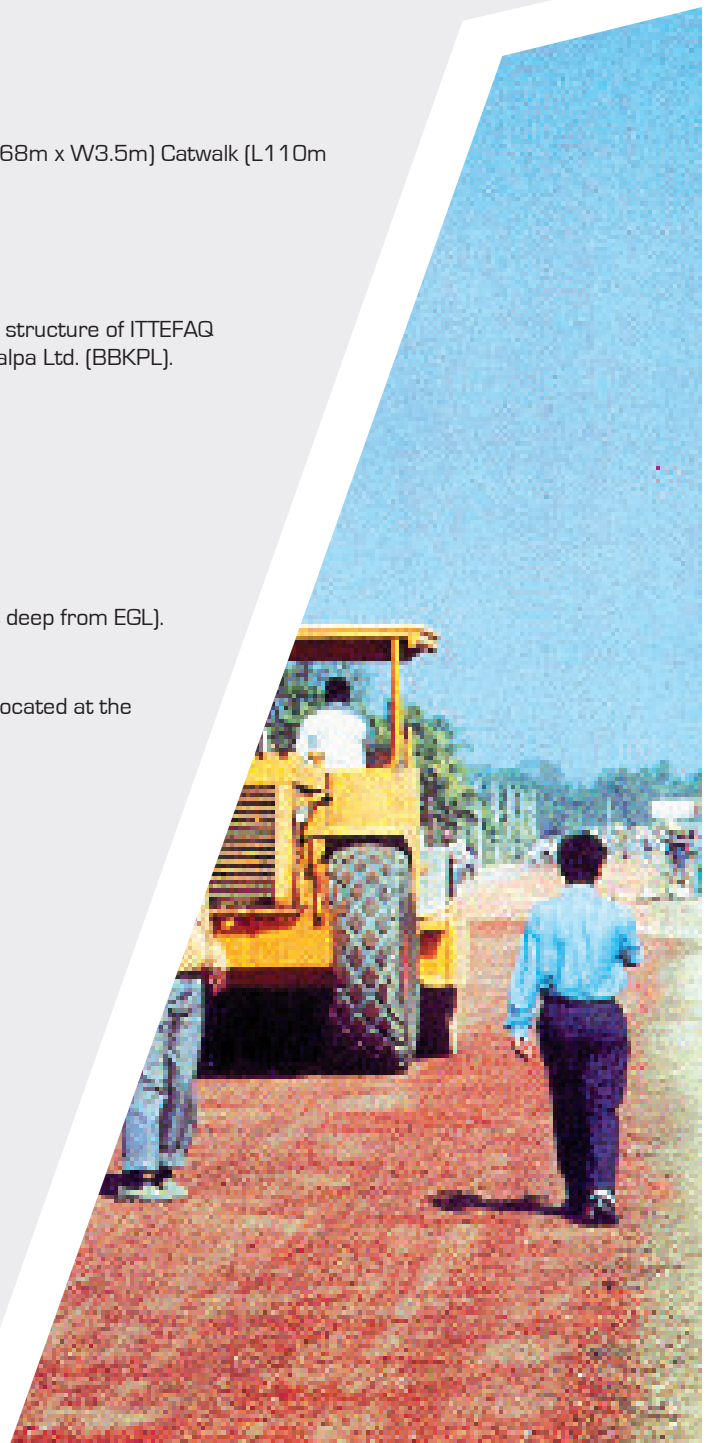
- Civil & Steel Structural works
- Steel Structural design
- Finishing work
- Electro-mechanical work with
- Air-con system
- Sanitary & plumbing work etc.
- The total Buildup area 180,230 Sft and having 3 Basement (25 feet deep from EGL).

#### KACHARIBARI COMPLEX AT DOHAR ( 2021 –2023)

The Kacharibari Complex is an exceptional private residential complex located at the banks of the river Padma in Shinepikur, Dohar.  
Construction period was 2021 – 2023 at the Cost of Tk.150 million.

The scope of works:

- Land development - 12 bigha
- 2 storied Kacharibari Main building having 1 basement
- 2 storied 2 nos. Bungalow
- 10 Prestigious Guests and staffs
- Captivating Spiral Pond a reservoir cum Dighi
- 2 nos. Helipad and large-scale Land scaping works
- Electrical Sub-station 500 kVA
- Prime loaded Gen set 250 kVA -2 nos.
- VRF type Central Air-con system
- CCTV, PA and IT system.



# ROADS AND RAILWAY PROJECT



**BEL worked with Samwhan - TSO JV for the Construction of 99 km long Jamuna Bridge Railway Link Project.**

Scope of works were as follows:

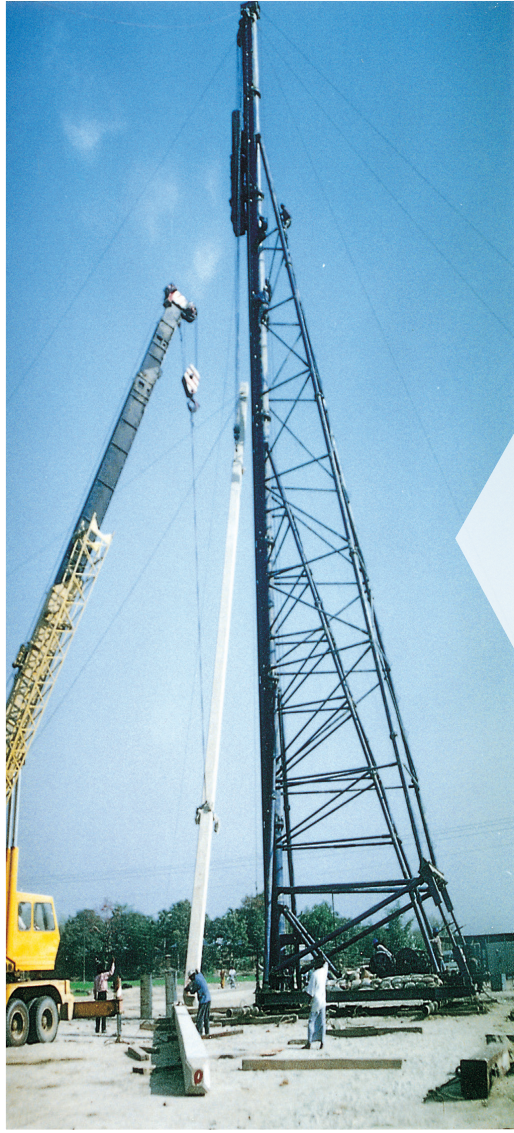
- Camp facilities for Samwhan and Engineer's.
- Construction of Box Culvert 57 Nos. Bridges 22 Nos. including slope protection work (Gabion & Brick Block Laying), Total volume of concrete 21,753 cu.m
- Construction of Railway embankment. Total quantity of earthwork 1,061,000 cu.m
- Pre-Cast pile casting & driving, (Vertical and raker). (400mmx400mmx22-28m long)





# ROADS AND RAILWAY PROJECT

Beximco Engineering Limited (BEL) was associated with China National Complete Plant Export Corporation in Construction of Flexible Pavement Road in JhenaidahKushtia Section (44.723 K.m.), Road Improvement Project, Contract No.-12, aided by ADB under Roads & Highway Department in the year 1993-1994 under the supervision of Design Development Consultant (DDC). BEL worked for 6 K.m from Kushtia towards Jhenaidah (Chainage 38.723 to 44.723)



Driving (vertical & Raker)  
of precast R.C.C. Piles  
(400mmX400mm, 22-28m  
Long) in Jamuna Bridge  
Railway Link Project



BEL worked for construction  
of 57 nos. Box culvert & 22  
nos. Bridges with total volume  
of 21,753 cu.m concrete in-  
cluding pre-cast pile casting &  
driving using own piling Rigs,  
Diesel Hammers and Crane.



Beximco Engineering Limited (BEL) has also worked in Railway construction of Bangabandhu Bridge Railway Link Project in association with Samwhan Corporation under Bangladesh Railway. Consultant for the project was Canarail Consultants Inc.-Systra in association with Bangladesh Consultants Ltd. and Technoconsult International Ltd.

Out of 99 KM Railway BEL worked in 14 KM for earthwork in Embankment & all the Structures including pre-cast pile casting & driving. BEL also worked in 48 KM for the construction of structures like Bridge & Culverts. With the completion of this project Beximco Engineering Ltd. has gained experience in the Construction of International Standard of Railway using modern equipment like Bull Dozer, Excavator, Pay-loader, Grader, Dump Truck, Vibratory Roller, etc. BEL also worked for the camp facilities of Samwhan Corporation and Engineer's facilities of the Consultant covering the area of 10 Acres (approximately).



**BEL worked** for earthwork in embankment, construction of improved sub-grade, lower base, upper base, bituminous pavement etc. Beximco Engineering Ltd. has gained experience in highway construction of International Standard using modern equipment like Bull Dozer, Excavator, Pay-loader, Grader, Dump Truck, Vibratory Roller, Hot mixing Plant, Paver Machine, Tire Roller etc.



# ROADS AND RAILWAY PROJECT

collection and hauling of embankment material



Construction of Railway Embankment, Jamuna Bridge Railway Link Project





a view after installation of Rail on Bridge



2 Vent Box-culvert in Jamuna Bridge Railway Link Project



# BRIDGE AND OFFSHORE STRUCTURE

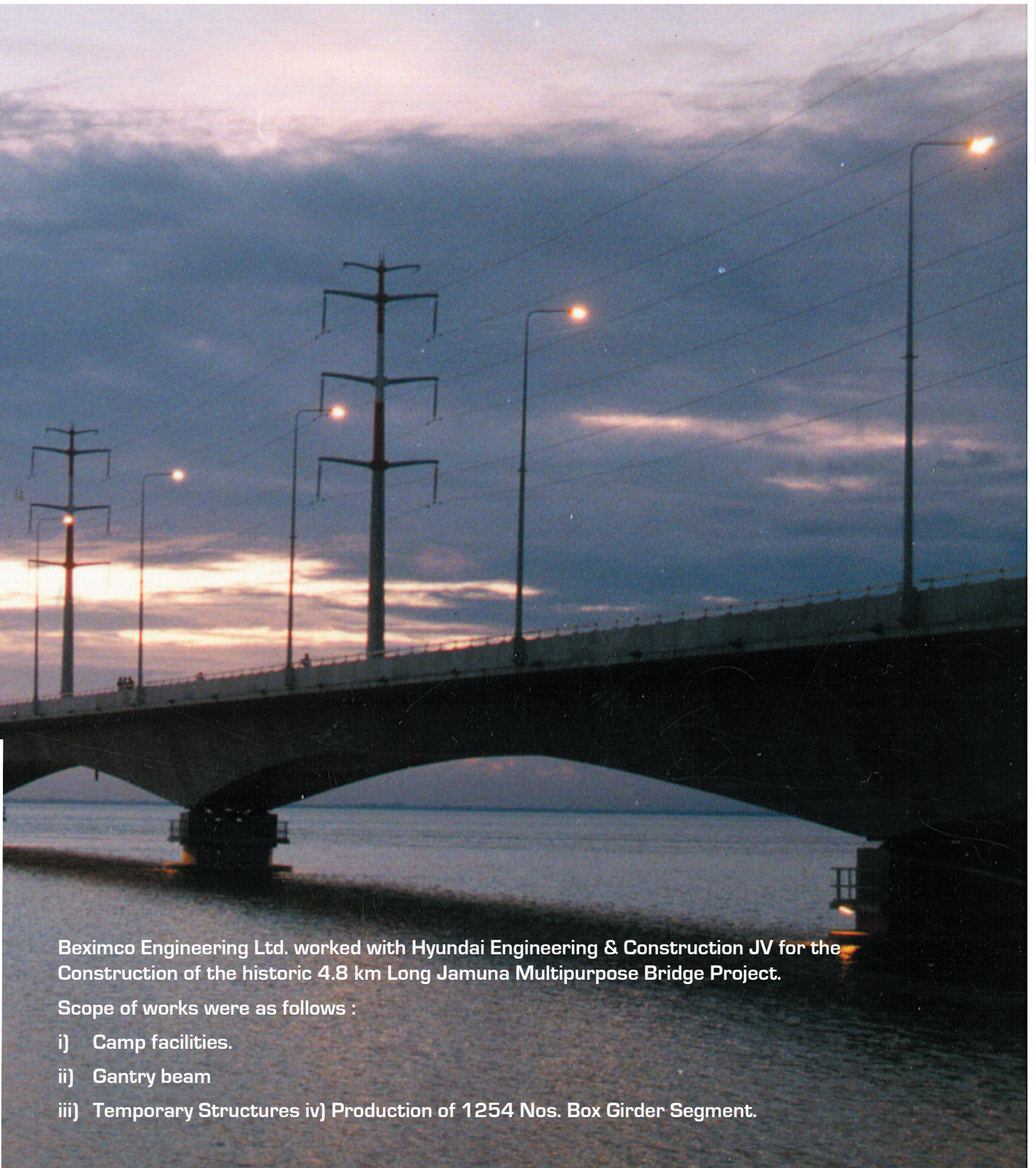


Manufacturing of Box  
Girder Segment for Jamuna  
Multipurpose Bridge





## 4.8 KM long Jamuna Multipurpose Bridge Project



Beximco Engineering Ltd. worked with Hyundai Engineering & Construction JV for the Construction of the historic 4.8 km Long Jamuna Multipurpose Bridge Project.

Scope of works were as follows :

- i) Camp facilities.
- ii) Gantry beam
- iii) Temporary Structures iv) Production of 1254 Nos. Box Girder Segment.



# BRIDGE AND OFFSHORE STRUCTURE

In addition to the segment casting BEL also worked for the construction of many other auxiliary works like Camp Facilities, Segment Casting Yard, Gentry Rail, Tower Crane foundation, Water reservoir, Segment revolving structure etc. With the completion of the Nation's biggest and prestigious project BEL has established it's position in Bridge Construction of International standard.

Beximco Engineering Ltd. (BEL) worked in 4.8 KM long Jamuna Multipurpose Bridge Project Construction over Jamuna River in association with Hyundai Engineering & Construction JV. Under the Consultancy of Rendel Palmer & Triton Nedco Bangladesh Consultants Ltd. BEL successfully completed casting of 1254 Nos. segment with total volume of 17,00,00,000 Cum. Concrete on schedule and obtained appreciation letter from the client.

Beximco Engineering Ltd. is working in construction of 304 meter long Prestressed Concrete Girder bridge over Karnafuli River at Rangunia, Chittagong under Bangladesh Roads & Highways Department. This is the first



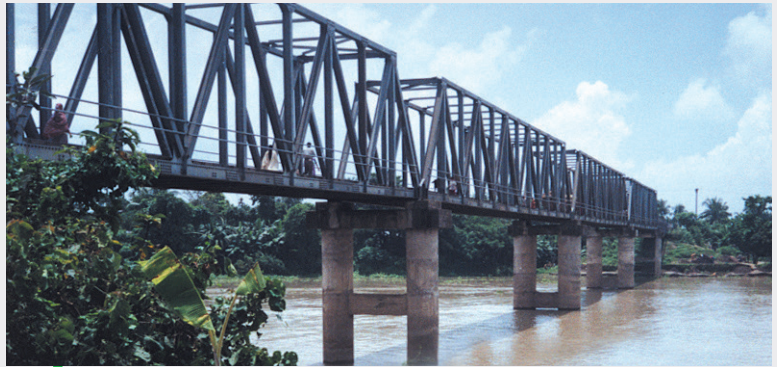
Installation of  
Box Girder Segment  
in Jamuna Multipurpose  
Bridge

Manufacturing  
of Box Girder  
Segment  
for Jamuna  
Multipurpose  
Bridge Project

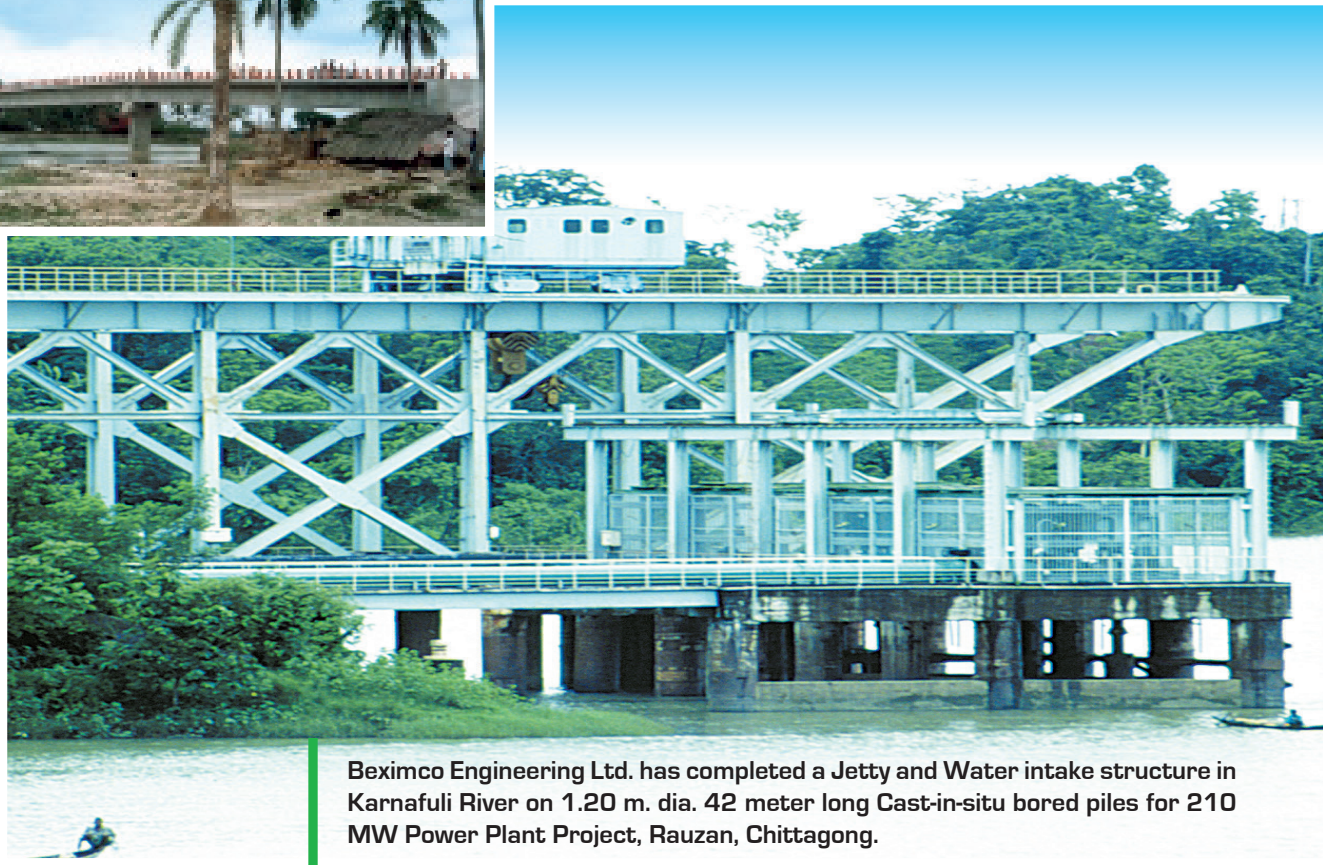
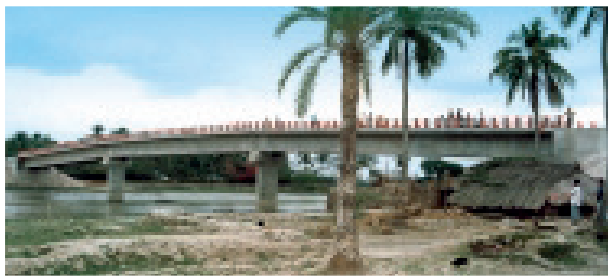


ever Concrete P.C. Girder Bridge over Karnafuli River. Maximum length of a Span is 43.50 meter, maximum Height of staging is 20 meter. It is being constructed in tidal zone under the influence of high velocity of water flow during monsoon.

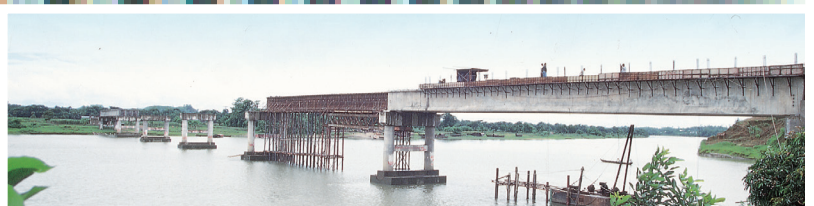
Beximco Engineering Ltd. has completed a 102 M long Pre-stressed Concrete Girder bridge on Design Built Contract basis over Putimari River at Bagerhat, under Local Government Engineering Department (LGED). The River Putimari had a serious tidal effect of 9 to 10 feet water level difference. P.C. Girders were pre-cast on the bank of the River then the Girders were installed by two cranes on barge. Load tests were carried out by two Methods. One by static loading & another by anchor method BCL- Hifab - SWI - SMEC was the consultant for the project.



Beximco Engineering Ltd. has completed a 165.00 meter long P.S.B Bridge on 18th K.M Fulbaria- Kaliakair Dhamrai Road under Gazipur Road Division, Roads & Highways Department.



Beximco Engineering Ltd. has completed a Jetty and Water intake structure in Karnafuli River on 1.20 m. dia. 42 meter long Cast-in-situ bored piles for 210 MW Power Plant Project, Rauzan, Chittagong.



Construction of 304 meter [2X21.5m +6x43.5m] long PC Girder bridge over Karnafuli River, Rangunia, Chittagong



# POWER/GAS TRANSMISSION LINE AND SUB-STATION



Beximco Engineering Ltd. (BEL) worked for the construction of 24 KM long 230 KV Transmission Line with duplex conductor from 210 MW Chittagong Thermal Power Plant to Hathazari Sub-Station, Chittagong, BEL also worked for the construction of 88 Km long Dohazari-Cox's Bazar 132 KV power Transmission Line under BPDB in the year 1987-89 at the cost of Tk. 58.00 million.

BEL also worked for the construction of civil work of 230/132 KV substation at Hathazari, Chittagong.

**BEL worked for 220 Km. long, 600 mm dia. Gas Transmission line from Bakhrabad Gas Field to Chittagong and around Chittagong City.**



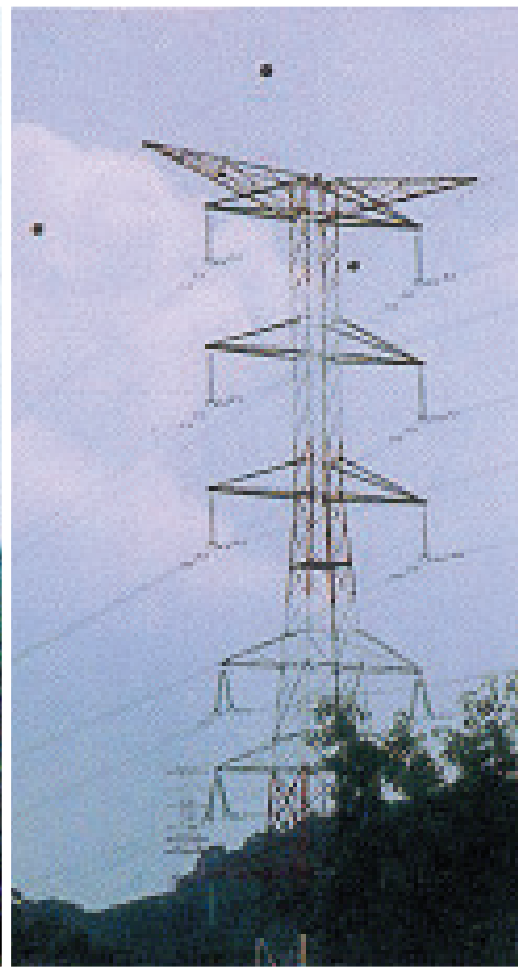
## OVERSEAS ACTIVITY

BEL worked for 275 KV Transmission Line crossing over Klang river, Malaysia. Tower height was 105.00 meter with span of 1.10 KM. With the successful completion of transmission line in Malaysia BEL has gained a good reputation in overseas service.

Beximco Engineering Ltd. commenced its overseas operation in Malaysia in 1991 with the construction of 275 KV Power Transmission Line in Kuala Lumpur, Malaysia.



**A view of river crossing towers in Malaysia**



**275 KV Power Transmission Line crossing over Klang River, Malaysia.**

# COMMERCIAL AND INDUSTRIAL PROJECT



Beximco Engineering Ltd. (BEL) worked for the Construction of commercial building. It has constructed a 15 storied office building (BEL Tower), built up area of which is 63,271 sft. at 19, Dhanmondi, Dhaka at the cost of Taka 140 million in 1996. This is one of the best quality buildings of the city.

Beximco Engineering Ltd. worked for the construction of factory buildings like Beximco Textiles Ltd., Beximco Denim Mills Ltd., Beximco Knitting Ltd., Shinepukur Ceramics at Sarabo, Gazipur, Synthetic yarn factory at Sarabo, Gazipur, Padma Textile & Beximco Pharmaceutical etc.

BEL completed Factory Building Development Project of Beximco Pharmaceuticals Ltd. at Tongi under the consultancy of CMPS & F Pty Ltd. in the year 1995 at the cost of Tk. 196.51 million. The prime Building Package comprised of Production Building, Office & Amenities Building, Basic Chemical Building Extension, Raw water storage Tank etc.

BEL also working for API project, Site development by dredge fills & sand fill already done, total area of which is about 14 acres and piling to be started very soon.

BEL completed synthetic yarn Factory at Savar, Dhaka on Design Build contract.

**15 storied office building at  
Dhanmondi, Dhaka**





Administrative Building (3 storied of 2230 sqm. floor area) for 210 MW Chittagong Thermal Power Station at Raouzan, Chittagong



Gausul Azam Mosque at Mohakhali, Dhaka



Production-Cum Office Building of Beximco Pharmaceuticals Ltd. at Tongi



Shinepukur Ceramics Industrial Complex at Sarabo, Gazipur



# APARTMENT



Belvedere of 6-storied Apartment, The Grand Terrace of 12-storied, Mohana of 15- storied etc. are the of Shinepukur Holdings Ltd. under construction.

Beximco Engineering Ltd. (BEL) Worked for the construction of 9 & 13 storied High Rise Apartment Building "Charmville" at Green Road, Dhaka of Shinpukur Holdings Ltd. In the year 1997 at the cost of taka 90.98 million.





**BEL also worked for the construction of 6 storied high rise apartment complex of 200 units "Manoshi Lake View" at Mirpur, Dhaka of Shinpukur Holdings Ltd. In the year 1997 at the cost of taka 150.00 million.**



# MAIN LINE OF BUSINESS IN CONSTRUCTION

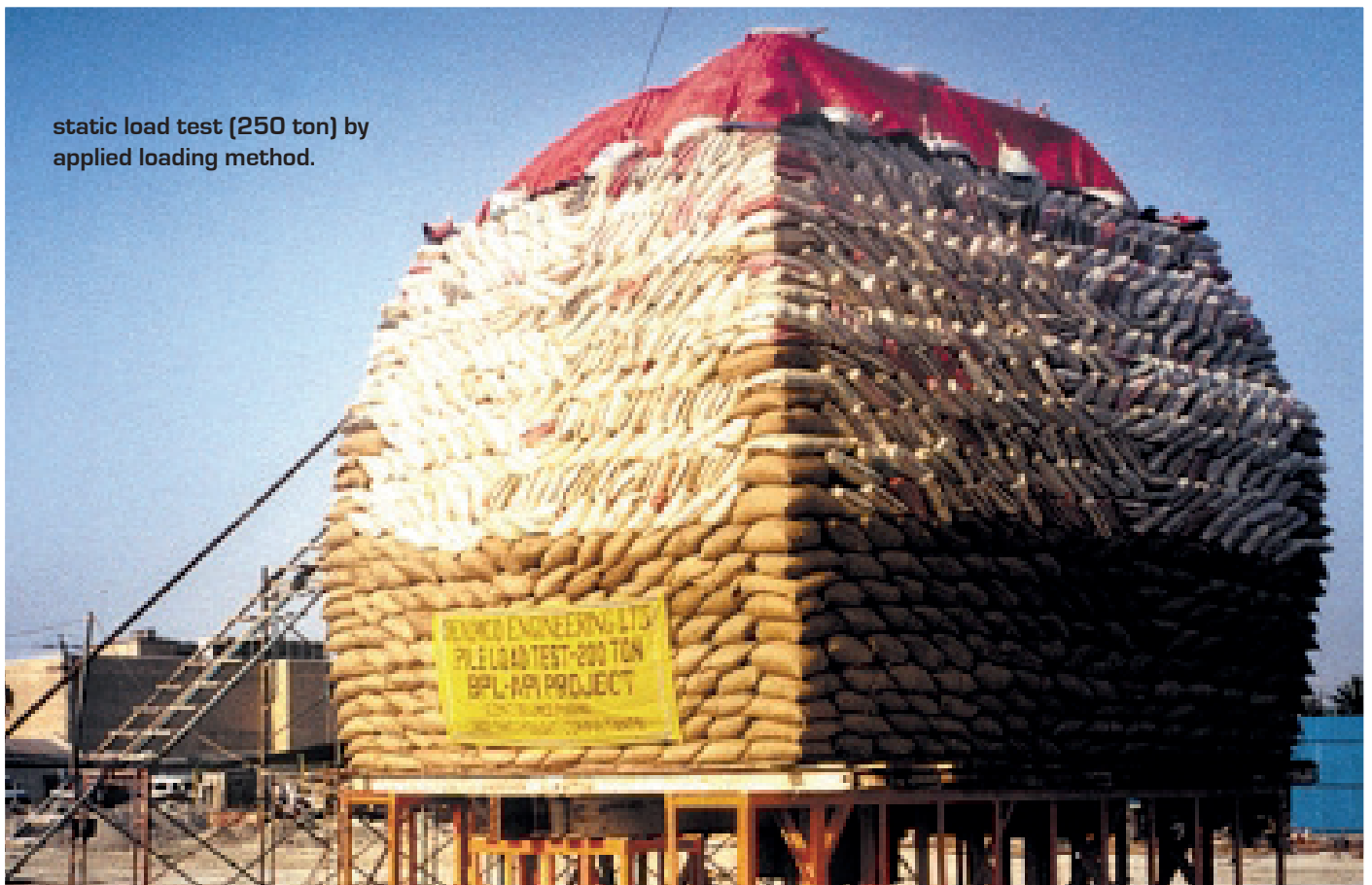
1. In House Factory Building of Beximco	Since - 1970
2. Gas Transmission Lines	Since - 1980
3. Industrial/Commercial, High Rise Apartment Building	Since - 1984
4. Other types of constructions involving RCC/PC Structures	Since - 1984
5. Pump Station	Since - 1985
6. Roads & Highways	Since - 1987
7. Power Transmission Lines	Since - 1987
8. Hydraulic Structures	Since - 1988
9. Off-shore structures	Since - 1990
10. Bridges / Culverts	Since - 1991
11. Railways	Since - 1998







Static Load Test (220 ton) by applying anchor method.



static load test (250 ton) by applied loading method.

# MAJOR EQUIPMENT OWNED BY THE COMPANY





## C O N T A C T

### CORPORATE HEAD QUARTERS

17, Dhanmondi R/A, Road No 2, Dhaka 1205, Bangladesh, Phone: +8802 8618220-7, 8611891-5

### OPERATIONAL OFFICE:

Beximco Media Complex Building, 149-150 Tejgaon IA, Dhaka 1208, Bangladesh, Phone: +880 9609-100220

[www.beximcoengineering.com](http://www.beximcoengineering.com)