Improved Communication Leads to Greater Economic Development
Mohammad Ali Haider Ratan, Managing Director & CEO of Brandwin Group, has high academic background with MBA, M.Phil among other professional courses. He completed internship program at Bangladesh Shipping Corporation (BSC) in Accounting Information System (AIS), Market research on consumer perception on Elite paint for Elite Paint Group of Companies. He has commendable experience in the field of International Trade & Commerce, Shipping, Financial Services, Manufacturing Building Materials, FMCG, Foods & Beverage, Infrastructural Development and International Marketing.
“Excellence in construction and infrastructure development” - this is the only motto that Infratech has been working on for nearly 13 years. This is the ethos that drives the entire staff at Infratech Construction Company Ltd.

The units are backed by solid engineering expertise, state-of-the-art technology as well as disciplined management methods and system. We provide the best design and construction solutions to our clients on time within budget and of a global standard.

Md. Ridwan Goh, a Malaysian is appointed as the Chief Executive Officer of Infratech Construction Company Ltd. since 1st June 2013. He is a civil engineer registered with Board of Engineers in Malaysia. He graduated with a Bachelor of Science (Hons) Degree in Civil Engineering from the University Technology Malaysia and has been involved in the engineering and construction industry for more than 15 years covering site supervision, contract administration, project planning and implementation, and tendering of civil and infrastructure works.

Prior to joining Infratech Construction Company Ltd., Mr. Ridwan Goh served as a Project Director for an International Public Listed Company and was involved in engineering, construction, planning and management for various type of multi dollar infrastructure construction projects. He has gained vast experience in engineering and construction through joint venture and partnership with expert from around the world such as France, Denmark, Italy, Switzerland, Canada, Austria, Germany, Australia etc. in his previously involved projects.

Beside experience in managing typical construction and engineering project, he is also well-versed and has significant involvement in project operation under Public Private Partnership (PPP), Build-Operate-Transfer (BOT) and Design and Build (D&B).

Mr. Ridwan Goh has a great knowledge of Quality Management System (QMS). He is a qualified QMS: ISO 9001 auditor and a Six Sigma black belt. He is experienced and familiar in application and implementation of ISO and Six Sigma knowledge in construction industry.

He has been overseeing the overall management and operation of Infratech Construction Company Ltd since the appointment as the CEO of the company.
What We Do
Infratech Construction Company Ltd. is a leading participant in the countrywide construction, improvement & expansion of civil infrastructures. The company excels in the design, construction and rehabilitation projects of Land Development, Building & Township Development, Marine & Coastal Engineering, Road & Expressway, Bridge, Overpass & Flyover Construction and any other type of civil infrastructure work within budget and time limit with proper methodology and management skill ensuring high standard of quality. It owns all types of modern 20th century equipment for a wide variety of specialized tasks.

The company further controls cost by self-performing nearly all of the core work items, selective self-manufacturing, equipment ownership, and regional contact offices, skilled labor, sub-contractors and material men in their respective markets. Infratech Construction Company Ltd. assures successful delivery of its projects through self-development of both project and field managers. This is accomplished through a leading industry training program. Civil engineer graduates are recruited by the company through internship programs and direct outreach to universities, who enter into the company as field engineers.
Mission

We pledge to protect the health, safety and welfare of each other through the achievement of a zero incident workplace by working together.

Vision

To be the most responsible premier engineering and construction company where our customers and partners are an integral part of the company’s success.
We have our own expertise in:

- Land Development
- Building & Township Development
- Marine & Coastal Engineering
- Road & Expressway
- Bridge, Overpass & Flyover Construction
- All other types of civil infrastructure work

We have association with all the renowned organization both in Bangladesh and abroad.

Our company has 30 Professionals & 120 skilled personnel who have commendable work experience in the field of Infrastructure Development.
As a corporate citizen, we would like to be treated as a responsible entity. We will integrate global and local perspectives, promote sound management of resources, and contribute to a better quality of life.

At Infratech, building for the future is what we do every day. Our involvement with the communities is a critical component of that work. As part of Infratech’s commitment to building people for a better future, we focus on three platforms of stewardship for social responsibility: volunteerism, education, and improving the quality of life.

Stewardship is shorthand for our company’s commitment to behave ethically and to help for improving the quality of life in the communities where we live and work, collectively and as individuals. Our stewardship efforts are centered on activities that benefit our culture, our communities, and our reputation.

Our engagement with various organizations give us new ways to enhance our company culture through strong relationships with our colleagues and friends, as well as boosting satisfaction and pride at our office and various project locations.

Through mutual respect, we work by our covenants, which encourage openness, teamwork, and trust. We value an inclusive culture based on diverse backgrounds, experience, and views. Infratech employees originate from various parts of the country and continents. We’re proud of this diversity and it is one of our strengths.

One of the key reasons behind our leading position in the industry is our people, and they come together for project as a dynamic team whenever and wherever they are needed. They are also the backbone of our extensive and world-class stewardship activities, and they carry out our commitments according to supplier’s diversity and supports in small and large businesses around the country and globe.

Stewardship is shorthand for our company’s commitment to behave ethically and to help for improving the quality of life in the communities where we live and work, collectively and as individuals. Our stewardship efforts are centered on activities that benefit our culture, our communities, and our reputation.

Our engagement with various organizations give us new ways to enhance our company culture through strong relationships with our colleagues and friends, as well as boosting satisfaction and pride at our office and various project locations.
PROJECT NAME:
Temporary Solution of Expansion Joint of Existing Meghna & Gumti Bridge

LOCATION:
Dhaka-Chittagong Highway, Comilla

CLIENT:
SWO-WEST, 16 ECB, Bangladesh Army

SUB-PACKAGE:
N/A

SCOPE OF WORK:
Meghna Bridge, situated on a 25 km stretch of Dhaka-Chittagong Highway (NH1) is a pre-stressed concrete bridge with central hinges that opened for traffic in 1991. Abnormal vibration and sound were noticed in Meghna Bridge during the passage of heavy vehicles over it. Investigation revealed that the central hinge bearings and expansion joints of Meghna Bridge were damaged. We accepted the project for rehabilitation.

DESCRIPTION OF WORK:
The rehabilitation work of the 930 meter-long Meghna Bridge & 1410 meter long Gumti Bridge involved the temporary solution of 173 meter expansion joint with long lasting finger type joint

DURATION:
N/A

COST:
N/A

CHALLENGES:
The most challenging aspect of this project was time, as the bridge's closure time limit compelled us to maintain a working time between 12.00 am to 6.00 am. We also had to manage high strength concrete designed mix to accommodate the short working time.

SUSTAINABILITY

We’ve been successful for years. To sustain that success for the next hundred years, we are developing a diverse, global engineering workforce for tomorrow. Encouraging and educating the next generation of innovators will help to ensure sustained economic growth and improve the quality of life for communities around the world for generations to come.
COMPLETED PROJECT

PROJECT NAME: Temporary Solution of Hinge Bearing of Existing Meghna & Gumti Bridge
LOCATION: Dhaka-Chittagong Highway, Comilla
CLIENT: SWO-West, 16 ECB, Bangladesh Army
SUB-PACKAGE: N/A
SCOPE OF WORK:
Meghna Bridge, situated on a 25 km stretch of Dhaka-Chittagong Highway (NH1) is a pre-stressed concrete bridge with central hinges that opened for traffic in 1991. Abnormal vibration and sound were noticed in Meghna Bridge during the passage of heavy vehicles over it. Investigation revealed that the central hinge bearings and expansion joint of Meghna Bridge were damaged. We accepted the project for rehabilitation.

DESCRIPTION OF WORK:
The rehabilitation work of the 930 meter-long Meghna Bridge & 1410 meter long Gumti Bridge involved the temporary solution of 96 fully damaged hinge bearing.

DURATION: N/A
COST: N/A
CHALLENGES:
It was the first ever expansion joint & hinge bearing repair job of a bridge in Bangladesh. Naturally, it was an immense challenge for us considering that we were the first in Bangladesh to perform it.

COMPLETED PROJECT

PROJECT NAME: Permanent Solution of Expansion Joint of Existing Meghna & Gumti Bridge
LOCATION: Dhaka-Chittagong Highway, Comilla
CLIENT: SWO-West, 16 ECB, Bangladesh Army
SUB-PACKAGE: N/A
SCOPE OF WORK:
Meghna Bridge, situated on a 25 km stretch of Dhaka-Chittagong Highway (NH1) is a pre-stressed concrete bridge with central hinges that opened for traffic in 1991. Abnormal vibration and sound were noticed in Meghna Bridge during the passage of heavy vehicles over it. Investigation revealed that the central hinge bearings and expansion joint of Meghna Bridge were damaged. We accepted the project for rehabilitation.

DESCRIPTION OF WORK:
The rehabilitation work of the 930 meter-long Meghna Bridge & 1410 meter long Gumti Bridge involved the permanent solution of 278 meter expansion joint with long lasting finger type joint.

DURATION: N/A
COST: N/A
CHALLENGES:
As an important route, the traffic volume of the bridge is huge, with approximately 30,000 vehicles plying every day, which is why it was extremely challenging to continue work in parallel to controlling traffic.
COMPLETED PROJECT

PROJECT NAME:
Permanent Solution of Hinge Bearing of Existing Meghna & Gumti Bridge

LOCATION:
Dhaka-Chittagong Highway, Comilla

CLIENT:
SWO-WEST, 16ECB, Bangladesh Army

SUB-PACKAGE: N/A

SCOPE OF WORK:
Meghna Bridge, situated on a 25 km stretch of Dhaka-Chittagong Highway (NH1) is a pre-stressed concrete bridge with central hinges that opened for traffic in 1991. Abnormal vibration and sound were noticed in Meghna Bridge during the passage of heavy vehicles over it. Investigation revealed that the central hinge bearings and expansion joint of Meghna Bridge were damaged. We accepted the project for rehabilitation.

DESCRIPTION OF WORK:
The rehabilitation work of the 930 meter-long Meghna Bridge & 1410 meter long Gumti Bridge involved the permanent solution of 96 fully damaged hinge bearings with the import of bearings from Malaysia.

DURATION: N/A

COST: N/A

CHALLENGES:
No maintenance was carried out after the construction of the bridge. We had to invest a lot of time and labor to unfasten the old damaged bearing before installing the new one by following an advanced technological method.

COMPLETED PROJECT

PROJECT NAME:
Heavy Lifting/Jacking of Flyover girder for Rubber Bearing replacement

LOCATION:
Bahaddarhat, Chittagong

CLIENT:
SWO, 17 ECB, Bangladesh Army

SUB-PACKAGE: N/A

SCOPE OF WORK:
We accepted this project for heavy lifting of flyover girder for the purpose of replacement of rubber bearing.

DESCRIPTION OF WORK:
The project involved the heavy lifting of flyover girder for the placement of 280 pieces of rubber bearing.

DURATION: N/A

COST: N/A

CHALLENGES:
This was a challenging & exclusive project which was completed when the whole country was facing political unrest.
PROJECT NAME: River Bed Scour Protection of Meghna Bridge
LOCATION: Dhaka-Chittagong Highway, Comilla
CLIENT: SWO-WEST, 16 ECB, Bangladesh Army
SUB-PACKAGE: N/A
SCOPE OF WORK: Meghna Bridge, a part of the Dhaka-Chittagong Highway (NH1), is located on the main route between Dhaka & port city Chittagong. We accepted this project to minimize the substantial scouring of river bed occurred around pier foundations, particularly Pier No. P6 to Pier No. P10 of the bridge.
DESCRIPTION OF WORK: We supplied and placed six million five hundred eighty-six thousand seven hundred eighty four (6,586,784) jute gunny Bags in scoured depth, both upstream and downstream from pier 7 to 9 to a depth of 20 meter level of Meghna Bridge. We also supplied, sand filled, stitched & staked two million three hundred forty three thousand six hundred fifty (2,343,650) Geo-bags and placement on the river bed including inspection by required number of divers of Meghna Bridge. We also made eighty six thousands three hundred five (86,305) CC Block including material cost and fabrication, binding, welding and placing for Meghna Bridge. We also sand filled three thousand one hundred cubic meter (3, 100 m³) FM 2-2.25 near piers.
DURATION: N/A
COST: N/A
CHALLENGES: High Tidal Flow | Excessive Rain Fall
PROJECT NAME: Replacement of Expansion Joint of the 6th Bangladesh-China Friendship Bridge

LOCATION: Mukterpur, Munshigonj

CLIENT: Bangladesh Bridge Authority (BBA)

SUB-PACKAGE: N/A

SCOPE OF WORK:
As part of the integrated transportation network, Mukterpur (Sixth China-Bangladesh Friendship) Bridge over the Dhaleswari River on Dhaka-Munshigonj road plays a vital role. As the expansion joints were damaged severely, we accepted this project for replacing the damaged joints.

DESCRIPTION OF WORK:
The project involved the supply, installation & testing of 6 Modular-type Expansion Joint Commissioning and replacing 6 Modular type expansion joint for the 6th Bangladesh-China Friendship Bridge (Mukterpur Bridge).

DURATION: 3 weeks

COST: Tk. 2.10 crore

CHALLENGES:
Completion of this project was a major challenge to us due to an integrated transportation network | Ramadan
COMPLETED PROJECT

PROJECT NAME: Bank Protection Work of Padma River
LOCATION: Mawa-Kandirpara-Joshaldia, Munshigonj
CLIENT: SWO, 17 ECB, Bangladesh Army
SUB-PACKAGE: N/A
SCOPE OF WORK: We accepted this project for the protection of Bank of Padma River
DESCRIPTION OF WORK: Emergency temporary protection work along the left bank of the Padma River adjacent upstream to the main river. Training work of the proposed Padma Bridge at Mawa-Kandirpara-Joshaldia area for 1300 meter in Louhajong Upazila of Munshigonj district under Padma Multipurpose Bridge Project during the year 2013-2014 & 2014-2015.
DURATION: 3 weeks
COST: Tk. 44 crore
CHALLENGES: River Bank Erosion | Heavy Current

ONGOING PROJECTS

PROJECT NAME: Joydebpur-Mymensingh 4-Lane Road Improvement Project (JMRIP)
LOCATION: Rajendrapur to Mawna
CLIENT: SWO-WEST, 16 ECB, Bangladesh Army
SUB-PACKAGE: Sub package-3 (Chainage: 13250-26240 km)
SCOPE OF WORK: We are working on improving the existing 2-lane of National Highway 3 (NH3) from Joydebpur to Mymensingh into 4- lane in order to amplify road connectivity between the greater Mymensingh area with Dhaka and other part of the country.
DESCRIPTION OF WORK: Constructing structures like Islands, Median, Sidewalk and 14 Box Culverts on 13 km of road from Nur Checks & Textail Mill Ltd. to Kazi Filling Station, Maona.
DURATION: N/A
COST: N/A
CHALLENGES: Rainy Season | Uncertainty due to Blockade | High Traffic Volume
ONGOING PROJECT

PROJECT NAME: Ongoing Maintenance Program 2013-2014/Works

LOCATION: Sonapur (Mannan Nagar)-Char Jibbar-Steameghat Road (Z-1424) under Noakhali Road Division

CLIENT: Roads and Highway Department, Bangladesh (RHD)

SCOPE OF WORK: Construction of a 2-lane highway

DESCRIPTION OF WORK: A 2-Lane highway is being constructed including Sub-Base construction, Sub-Base repair work, Pot Hole removal, Bituminous carpeting, Bituminous tack coat, 40mm thick DDS wearing coarse etc.

DURATION: N/A

COST: N/A

CHALLENGES: Uncertainty due to Blockade | High Frequency of Rain Fall

ONGOING PROJECT

PROJECT NAME: Noakhali Science & Technology University Project

LOCATION: Sonapur, Noakhali

CLIENT: Noakhali Science & Technology University (NSTU)

SCOPE OF WORK: Construction of three student halls & one library building of NSTU

DESCRIPTION OF WORK: Located on the coastal terrains of Sonapur, Noakhali, the construction of Noakhali Science and Technology University (NSTU) is one of our major running projects. We are on the way to complete this project within time limit that involves the construction of a 5-storied Jatir Janak Bangabandhu Sheikh Mujibur Rahman Hall, a 5-storied Bangamata Sheikh Fazilatunnesa Mujib Hall, a 2nd Student Hall (up to the 3rd Floor) and a Library Building.

DURATION: N/A

COST: N/A

CHALLENGES: Uncertainty due to Blockade
ONGOING PROJECT

PROJECT NAME: Noakhali District Road Improvement Projects Project-2
LOCATION: Noakhali
CLIENT: Local Government Engineering Department, Bangladesh (LGED)
SUB-PACKAGE: N/A
SCOPE OF WORK: Development and repair work of roads in different Upazilas under Noakhali district.
DESCRIPTION OF WORK: Improvement and Maintenance of 31.50 km of different roads in Companigonj, Subarnachar and Sadar, Kabir-hat Upazila under Noakhali district.
DURATION: N/A
COST: N/A
CHALLENGES: Uncertainty due to Blockade | Excessive Rain Fall

ONGOING PROJECT

PROJECT NAME: Land Development Work at Uttara
LOCATION: Digun, Bounia and Borokakar mouza, Uttara
CLIENT: Bangladesh Bridge Authority (BBA)
SUB-PACKAGE: N/A
SCOPE OF WORK: Development of land and protection of side slope at Uttara.
DESCRIPTION OF WORK: Developing the land in the RS site at Digun, Bounia and Borokakar Mouza, Uttara, adjacent to the south of RAJUK Uttara 3rd Phase by filling with carried earth (sand) up to the design level and protection of the side slope by Geo-bags, Geo-textile between 2014 & 2015
DURATION: N/A
COST: N/A
CHALLENGES: Uncertainty due to Blockade
Bulldozer

Specifications:
Brand Name: CATERPILLAR
Model No.: CAT D6T
Max Depth: 22.7m
Net Power: (Maximum) 333.0 hp
Operating Weight: 39795 kg
Quantity: 6

Features:
- Heavy duty components that work in all operating conditions
- Strong and Solid Structures built to last
- Much emission regulations

Wheel Loader

Specifications:
Brand Name: CATERPILLAR
Model No.: CAT D8T
Max Depth: 22.7in
Net Power: (Maximum) 333.0 hp
Operating Weight: 39795 kg
Quantity: 6

Features:
- Heavy duty components stand up to all operating condition.
- Strong and Solid Structures built to last.
- Much emission regulations.
**Specifications:**
- **Brand:** CATERPILLAR
- **Model No.:** CAT375
- **Max Digging Depth:** 35.6 ft in
- **Gross Power:** 428 hp
- **Operating Weight:** 81190 kg
- **Quantity:** 10

**Features:**
- Ensure fast track loading, excavating and trenching
- Optimized operator comfort & productivity
- Ensure improved productivity, fuel efficiency & maximum travel speed

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**Specifications:**
- **Brand:** CATERPILLAR
- **Model No.:** HR 140
- **Max Depth:** 735 mm
- **Max Power:** 185 hp
- **Operating Weight:** 14677 kg
- **Quantity:** 5

**Features:**
- Ensure the preparation of the base course to create a wide flat surface for the asphalt to be placed on
- Ensure optimum productivity
- Features like outstanding visibility and optional rear view camera enhance the jobsite safety
- Performs best in a variety of heavy construction and mining/haul road application
Paver

Specifications:
- Brand Name: BOMAG
- Model No.: BF 800C S600
- Max Width: 10 m
- Max Power: 180 hp
- Operating Weight: 21300 kg
- Quantity: 2

Features:
- Used in medium & large scale construction projects
- Truly multi-functional and boast an impressive output to match
- Ensure reduced fuel consumption & lower environmental pollution
- Provide high level of pre-compaction and perfect surface finish

Tandem Roller

Specifications:
- Brand Name: BOMAG
- Model No.: BW 203 AD-4
- Operating Weight: 1300 kg
- Performance: 134 hp
- Speed: 0-11 km/h
- Quantity: 8

Features:
- Heavy duty compaction on thick fill layers
- Suitable for the compaction of hydraulically bound materials
- Well suited to heavy cohesive soil with high water contents
- Have high climbing capabilities
- 30% reduction in Fuel Consumption
**Pneumatic Tyred Roller**

**Specifications:**
- Brand Name: BOMAG
- Model No.: BW 219 D-4
- Operating Weight: 19050 kg
- Working Width: 2130 mm
- Performance: 201 hp
- Speed: 0-11 km/h
- Quantity: 5

**Features:**
- Heavy duty compaction on thick fill layers
- Suitable for the compaction of hydraulically bound materials
- Well suited to heavy cohesive soil with high water contents
- Have high climbing capabilities
- 30% reduction in Fuel Consumption

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**Single Drum Vibratory Roller**

**Specifications:**
- Brand Name: BOMAG
- Model No.: BW 24 RH
- Operating Weight: 8800 kg
- Performance: 100.4 hp
- Speed: 0-20 km/h
- Quantity: 4

**Features:**
- Heavy duty compaction on thick fill layers
- Suitable for the compaction of hydraulically bound materials
- Well suited to heavy cohesive soil with high water contents
- Have high climbing capabilities
- 30% reduction in Fuel Consumption
Rotary Rig

Specifications:
Brand Name: MAIT
Model No.: HR-260 CP
Max Depth: 80 m
Max Diameter: 2600 mm
Max Torque: 260 KNm
Qty: 2

Specifications:
Brand Name: MAIT
Model No.: HR-130 CP
Max Depth: 50 m
Max Diameter: 1300 mm
Max Torque: 170 KNm
Qty: 2

Specifications:
Brand Name: MAIT
Model No.: HR-30/3
Max Depth: 22 m
Max Diameter: 900 mm
Max Torque: 35 kN/m
Qty: 2

Specifications:
Brand Name: BAUER
Model No.: BG-28 BD-80 Hydraulic Rotary Rig
Max Depth: 71 m
Max Diameter: 1900 mm
Max Torque: 270 KNm
Qty: 2

Specifications:
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Model No.: HR-260 CP
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Specifications:
Brand Name: MAIT
Model No.: HR-30/3
Max Depth: 22 m
Max Diameter: 900 mm
Max Torque: 35 kN/m
Qty: 2

Specifications:
Brand Name: BAUER
Model No.: BG-28 BD-80 Hydraulic Rotary Rig
Max Depth: 71 m
Max Diameter: 1900 mm
Max Torque: 270 KNm
Qty: 2
Crawler Crane

Specifications:
Model No.: CKL1000i
Brand: KOBELCO
Operating Weight: 84 T
Maximum Lifting Capacity: 100 T x 3m
Quantity: 4

Features:
- Excellent mobility over soft & hard surfaces.
- Can be used in a broad range of applications ranging from construction to civil engineering and port cargo handling.

Terrain & Body Crane

Specifications:
Model No.: KR2SH-V6
Brand: KATO
Capacity: 26 ton
Quantity: 2

Specifications:
Model No.: F80A.0.22
Brand: FASSI
Lifting Capacity: 830 tm
Max Outreach Up to 12.30 m
Quantity: 2
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<td><strong>Brand Name:</strong> ASHOK LEYLAND</td>
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<td><strong>Max Power:</strong> 180 hp</td>
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<td><strong>Model No:</strong> BW 226 PDH-4 Padfoot Single</td>
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A Complete Asphalt Plant

“Ensure top quality and maximum flexibility”
DREDGING SECTION

Specifications:
Company Name: Royal IHC  Model No.: IHC Beaver 45 Cutter Suction Dredger
Max Depth: 2.01m  Quantity: 2

Specifications:
Company Name: Royal IHC  Model No.: IHC Beaver 65 DDSP Cutter Suction Dredger
Max Depth: 2.97  Quantity: 2

Specifications:
Company Name: Royal IHC  Model No.: IHC Beaver 50 Cutter Suction Dredger
Max Depth: 2.44m  Quantity: 2
Specifications:
Company Name: Royal IHC   Model No.: Delta Multi Craft 1200
Max Depth: 1.80m  Quantity: 2

Specifications:
Company Name: Royal IHC   Model No.: Delta Multi Craft 1050
Max Depth: 1.00m  Quantity: 2