

2 DevCon|Annual Report 2020 DevCon|Annual Report 2020



TABLE OF CONTENT

DIRECTORS' REPORT

10

13

14

About Us	4
Letter From the Board of Directors	
Key Statistics	4
Vision	4
Professional Expertise, Modelling, Services	4
and Total Quality Management	4
Our Supervisory Board	4
Our Management Team	
Scope of Expertise	5
COVID-19 Spread Control & Measures at	5
Office	
Progress on our Commitments (2019-2020)	

Completed Significant Projects (2010-2020)

DevCon's Journey at a Glance

Padma Multi-purpose Bridge

PROJECT HIGHLIGHTS

26	Ongoing Successes by Transportation Engineering LAB, DevCon
27	Dhaka-Ashulia Elevated Expressway and First Dhaka Elevated Expressway
28	Matarbari Deep Sea Port
29	Urban Infrastructure Improvement Project
31	Success Story of IDRS, DNCC Project
33	Disaster Risk Management Enhancement Project
34	Value Chain Development in SAIWRPMP-AF
36	DevCon on Mission: Ushering a New ERA in Setting the Rural Economy on Firm Foot- Hold in Bangladesh
37	Enhancing Flood Risk Resilience Shows Promises in Khulna City, Bangladesh
38	City-Wide Inclusive Sanitation Technical HUB (TA-HUB) Funded by Bill & Melinda Gates Foundation
40	Project Presentation

FINANCIAL REPORT

43	Independent Auditors Report on Financial Performance 2018-2019
44	Financial Highlights
45	Statistics
47	Annual Turnover, Stable Growth
48	Statement of Financial Position
49	Statement of Profit or Loss and Other Comprehensive Income
50	Statement of Cash Flows
52	Management Review of the Annual Report

About Us

DevConsultants Limited (DevCon) is a multi-disciplinary consulting firm registered in Bangladesh. DevCon's objectives are to provide professional and specialist services to their clients from both local and international market to ensure international standard of professional practices. Being a former member of DHV Group of the Netherlands, DevCon has built up within itself management and professional capability compatible to the needs of International Consulting standard. However, has stepped in to the regional market with prospect of its stronger presence in South Asia. DevCon has ISO 9001:2015 Quality Management System (QMS) and ISO 14001:2015 for Environmental Management System (EMS).

DevCon has a long standing experience in Bangladesh and also in overseas countries with required expertise compatible for the projects. From the nineties, we are already present through implementation of various projects. The implementation of Socio-economic Study, Technical Survey and Investigation, Feasibility Study, Detail Engineering Design and Construction Supervision of Transport & Infrastructure, Agriculture & Natural Resources and Water & Safeguards Sectors.

Our expertise are quite diverse in nature and range from the projects' feasibility level investigation; social and environmental impact assessment; detailed engineering design; construction supervision; capacity strengthening; and stakeholders participation up to the marks of clients' satisfaction.

We have recently implemented and are currently working on several projects in Bangladesh and abroad having great relevance to the aforementioned consultancy services.





- ANISUR RAHMAN, MD

LETTER FROM THE **BOARD OF DIRECTORS**

For DevConsultants Ltd., 2020 was a year of purpose: to help communities sustain and resilient during the pandemic. As our consultancy team, engineers, architects, and planners, our collective passion for excellence, technical expertise and dedication led to transformational accomplishment on each project. As we look back on 2020 through the present day lens of 2020-a slow year by all accounts it is clear that our services to accomplish our strategic goals has given us the resilience during the Covid 19 crisis, and that is reflected on our various projects.

Speaking out for the industry

Effective planning and strategic implementation is crucial for the development of a prosperous and sustainable future. Diversification of leadership representation, executive leadership on various sectors of finance, human resources, risk and compliance initiatives, reinforcing the business network will support the industry in a significant way. Technology is also the one of the major forces to shape the sustainable future. We engage, organize and operate in technology focused research and development particularly on transport planning to help our clients meet purposeful community goals. Challenges and Opportunities are always on the Way.

Embracing the Diversity

We are committed to create an environment where everyone feels connected, respected and valued, and able to bring their best potential. We increase our client and business connectivity with a diverse workforce that work objectively for the purposeful meaning. We provide the stronger sense of belonging and connection for our employees, partners, clients and the communities. We share our passion for diversity and inclusion of services that takes perseverance, resilience and the experience of achievement. We are open to work in new service areas considering the real changes happening worldwide in workplace, in different sectors of the transport, infrastructure, agriculture, water, environment, economy, technology and collectively

Reflection of the Year

It is clear that in the midst of the worst public health and economic crisis of our lifetime, urgency of critical infrastructure in rural location, and cutting edge environmental solution to build transport, infrastructure, water management, waste management with the purpose of enriching the healthy, strong and adaptable community is inevitable than we had imagined. Now more than ever, DevCon professional team is here to support the responsible stewardship of human and environmental health through our professional services to achieve the resilience and the sustainability to restore the community and mobilizing the changes. Initiation of City Wide Sanitation Technical Hub (TA-HUB) with the assistance from the Bill & Melinda Gates Foundation is a great success of the year.

Challenges and Opportunities on the way Looking forward

In closing, while the future holds many unknowns we remain optimistic that we are able to work closely with our clients despite the unprecedented challenges. We continue to see, create and process opportunities for the communities and due to our very skilled experienced and highly dedicated professional teams we are in strong position to successfully reach our goals and objectives.

Ahisur Rahman Chairman, Board of Directors







society as a whole. We

wishes.



Integrity







Clients First

academics are active in many disciplines of services. We ensure diversity in company ollow our clients. We expertise areas.



Deliver Results

of the Company. We



DevCon's strategy is create a positive & lasting broad.



results required to ensure ideas & developments to the continuity and growth our services to the clients DevCon's highly qualified of own role in the and to the societies in





and principles of integrity. rules as laid down

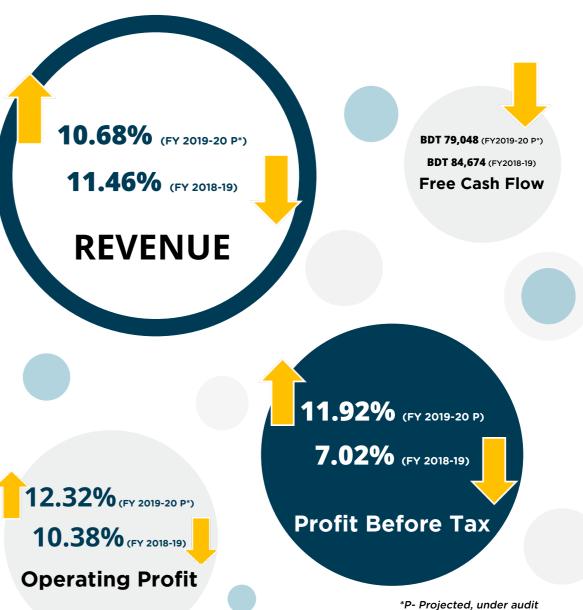
DevCon|Annual Report 2020

Key Statistics

YEARS AT A GLANCE	2019-2020 (PROJECTED)	2018-2019	2017-2018	2016-2017	2015-2016		
INCOME STATEMENT, IN BDT THOUSAND							
ANNUAL SALES	642,795	633,136	43,052	1,188,586	98,306		
NET TURNOVER	408,000	363,240	414,272	406,813	268,486		
OPERATING PROFIT /(LOSS) BEFORE TAX	69,665	62,243	66,944	66,148	56,053		
OPERATING PROFIT/(LOSS) FOR THE YEAR	22,484	17,660	2,042	42,996	30,454		
BALANCE SHEET, IN BDT THOUSAND							
FIXED ASSETS	9,850	31,150	22,086	9,063	4,621		
TOTAL ASSETS	320,899	305,092	286,587	346,954	223,624		
TOTAL EQUITY	297,266	274,782	257,122	255,050	212,054		
TOTAL CURRENT LIABILITIES	23,634	30,311	29,465	91,904	11,570		
RETAINED EARNINGS	295,266	272,782	255,122	253,050	210,054		
CASH FLOW, IN BDT THOUSAND							
CASH FLOW	196,091	166,245	135,633	189,718	74,965		
FREE CASH FLOW	79,048	84,674	(4,836)	157,607	18,532		
EMPLOYEES							
NO OF FTE, AT THE END OF THE YEAR	278	272	253	340	346		
NO OF TEMPORARY STAFFS, AT THE END OF THE YEAR	73	65	72	80	77		
FINANCIAL RATIOS IN %							
PROFIT MARGIN	5.53%	4.86%	0.49%	11%	11%		
EARNINGS PER SHARE (EPS)	2.04	1.61	0.19	3.91	2.77		

DevCon|Annual Report 2020

Key Statistics



From the financial year 2017-18 to 2018-19 we had a decrease in Company's turnover which impacted and caused decrease in Net Revenue, Operating Profit and Profit Before Tax consequently. The Worldwide economic recession in 2018 and political unfavorable situation in 2018-19 in Bangladesh caused the less donor agencies to fund projects in Bangladesh that affected our business. From Financial Year 2018-19 to 2019-2020 we are projecting increase in all of these as our sales went up during the year. In regards to Free Cash Flow we have experienced and projecting decrease in free cash flow because we had to prefinance in many various small projects

345 PROFESSIONAL STAFF

REGISTERED NATIONAL & INTERNATIONAL **FUNDING AGENCIES**

INTERNATIONAL ARCH OF EUROPE AWARD

COUNTRIES OF SERVICES

DevCon Strives for Excellence

VISION

DevCon's focus is embodied in the slogan, "value creation in local development". For DevCon, the end is therefore not the service itself, but:

- The People who benefit from out of services, and
- The Growth that our services promote.







The Management of DevCon is presently vested with a Management Team Comprising of twelve members, guided by a three members Supervisory Board and a Board of Directors comprising of two members. All the members have a proven outstanding professional career record with high-level management capabilities. The Management is well known to and familiar with the relevant development sectors in Bangladesh as well as with the regional and the international markets. DevCon maintains a pool of renowned specialists in most of the professional areas. Both the payroll staff and retainers are all renowned professionals in their field of specialization and a large number of them have experience overseas to work in multinational and multi-cultural team.

Apart from Board of Directors, the Supervisory Board and the Corporate Management Team meet regularly with the other professionals in order to identify and remove bottlenecks of the sector and discuss status of different on-going projects and other relevant issues.

The Corporate Management Team (CMT) of DevCon provides backstopping services to the projects including Quality Assurance, Contractual Negotiations, Financial Management, Travel/Medical, Database Development, Project Accounting, Report Production, etc.



PROFESSIONAL EXPERTISE



PROFESSIONAL MODELLING



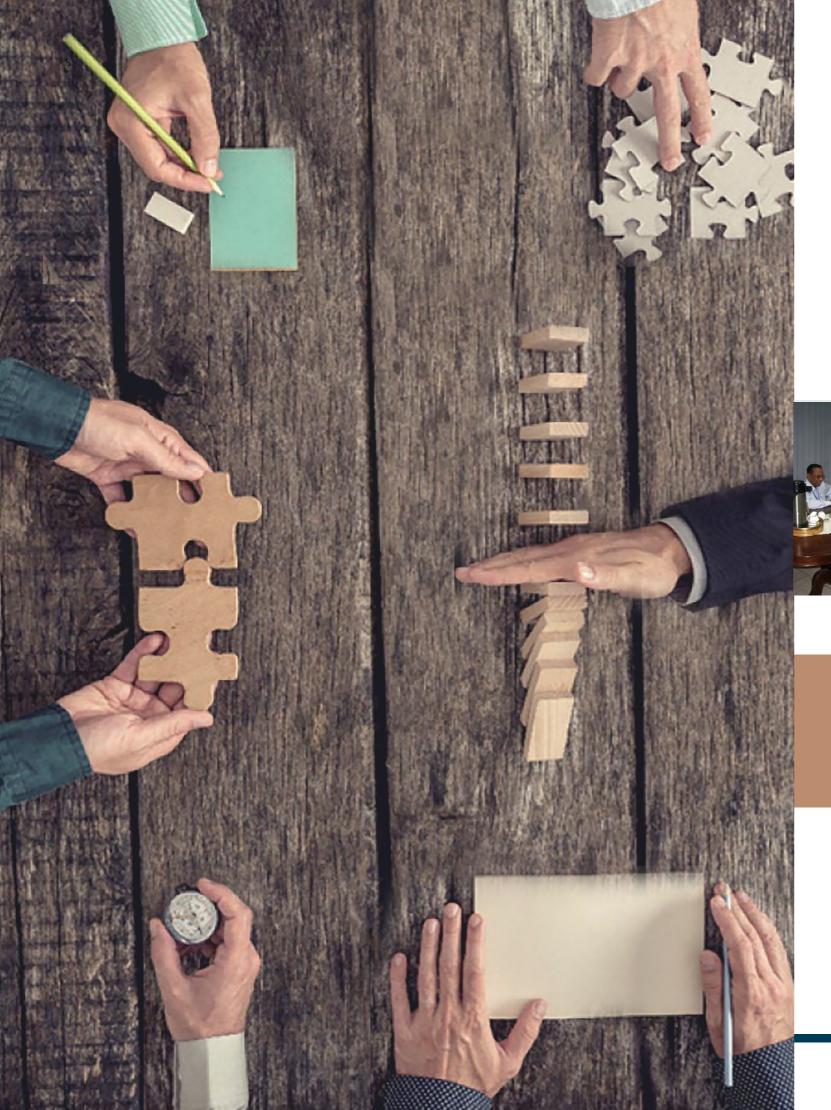
PROFESSIONAL SERVICES



TOTAL QUALITY MANAGEMENT

- MIDAS
- CUBE
- AEDT
- ArcGIS
- DJI Phantom 4 Pro (Drone)
- Traffic Survey Design
- Traffic Analysis Zoning
- Survey Data Analyses
- Matrix Analyses
- Transport Network Building
 Management Consultancy
- Understanding and modifing of Existing Traffic models of other projects
- Socio-economic Study
- Technical Survey & Investigation
- Feasibility Study
- Detail Engineering Design &
 Construction Supervision of
 Transport & Infrastructure,
 Agriculture & Water resources
 and Water & Environment
- Hydraulic Modelling,
 Engineering, ESIA and Project
 Implementation

DevCon is committed to provide high quality Consultancy Services, according to international standards and procedures. DevCon follows ISO 9001:2015 Quality Management System and ISO 14001:2015 Environmental Management System. Through this system additional quality assurance of the products is ensured by the DevCon management. DevCon is a member of Business Initiative Directions (BID) and has received International Arch of Europe Award in 2014 for its' commitment to promote QC100 model, a compendium of the criteria on which the quality award is based, which is also part of TQM (Total Quality Management).



Our **Supervisory Board**

2019-2020 IN UNITY

We as a Supervisory Board of DevCon brings individual creativity, innovation, technical skills, expertise and practical solutions in the company. Aside from creating an exchange of ideas, we provide the employees a shared purpose and connection to the culture of the company. We welcome the prospect of expansion of the professional network with our alliances to explore bigger and better opportunities further down the road in the coming years.



ANISUR RAHMAN Managing Director

The long standing career of Mr. Anisur Rahman as Civil and Environmental Engineer since 1977 got a new dimension with his bold steps in Business Development to float DevConsultants Limited one of the prominent business house in the Consultancy arena of Bangladesh as a part of JV initiative with the DHV Group BV of the Netherlands, Mr. Rahman, apart from directing the Business also provides strategic support towards project management and implementation. He chairs the Corporate Board of DevCon and thus architect the whole management affairs with diligence.



ABDUL ALAM BHUIYAN Director

Mr. Abdul Alam Bhuiyan is a professional of international reputation in the field of Panning Process. He has been associated with DevCon Limited since July 2006, As 2nd in command, apart from planning and directing the core activities of the DevCon he is involved in maintaining liaison with the clients and the partners in efficient deployment of professionals and accomplishment of the projects.

Commitment to Society

Promotion of Sustainable Environment

Application of Sound Engineering & Social Practices

Responsiveness to the Market



TANVEER AHSAN Director

As a professional of significance in the field of Water Supply and Sanitation Engineering, Mr. Tanveer Ahsan has earned much reputation Besides, his leading role in the overall Business Management of DevCon also bears importance. The expertise of Mr. Tanveer includes among others, innovative approaches in participatory development, change management, and Capacity Strengthening in the WATSAN arena.

Creativity, Management & Leadership



Management

Looks after the internal administration and Human Resources Management.

Administration

The most crucial part of Directing the Business Management of on-going.

Our **Management Team**



AZIZUR RAHMAN Sr. Executive Director

Experienced in execution of large infrastructure projects under RHD for over 32 years and retired as Chief Engineer of RHD. At present, he has been shouldering the leading role of Project Management and Implementation Team for Infrastructural



ABDUS SATTAR KHAN **Executive Director**

Retired Additional Secretary, to the GoB, now incharge of ED, Administration of the Company mainly looking after the supervision, control and management of the day to day administration of the company and HR activities.



MD. MONIRUZZAMAN **Executive Director**

The expertise demonstrated by Mr. MoniruzZaman include Project Management; Operation & Maintenance (O&M) of irrigation systems; Beneficiaries' Participation through Capacity Development, and Institution Building at the water users' at community level.



MD. ABUL KHAIR MOLLAH **Executive Director**

The expertise demonstrated by Mr. Abul Khair Mollah include the Project Preparation, Operation & Management System of Infrastructure development; Institutional development of project operation & maintenance system at mid-level field engineers for their capacity building.



M ABDUR RAB **Executive Director**

Control and Management of Company's transportation system, ensuring compliance to regulatory requirements, safety standards, administrative policies, planning transport activities consultancy to transport regulatory matters & framing of required rules & regulations.



MAFIZ UDDIN AHMED **Business Development &** Management Specialist

Mr. Mafiz Uddin is a renowned Development professional in the field of Municipal Drainage and Urban Water Supply system. Currently he is providing business development implementation support to several on-going projects of the DevCon



QUAZI GULAM MOSTAFA **Executive Director**

A renowned Engineer and had been involved in the Roads and Bridges construction projects in Bangladesh for long . At present, he has been shouldering the leading role of Project Manage ment and Implementation Team of DevCon.



ABU NAHID MUNIRUDDIN General Manager (W&S, Division)

Tracking business opportunities; preparation of project proposal; undertaking detailed project planning, resource mobilization, execution and monitoring water & safeguards sector. In addition, as an environmental specialist, provides inputs in National and international projects.



SULTAN MAHMUD KHAN General Manager

Acquired much experience in project implementation and Business management activities. Quite efficiently dealing with Client's organization's and demonstration communication skills satisfactorily.



ROZINA KHANAM General Manager

Tracking of Overall Business and Management Professional, communication with internal and external professionals, market assessment, strategic direction, liaison, project & financial management,



KH. SHAMEEM AHMED Financial Controller

An experienced financial professional and responsible for the company's financial control to streamline the budget and cash flow management. In the company being linked to control, supervise and provide a bridge between the management and accounts.



MD. MOSLEH UDDIN IT & Documentation Manager

Information Technology Professional, responsible for database management, facility and utility management, software, hardware, and Network Management, procurement, and resource management. Also provides support to the Business Proposal Preparation.

STATISTICS

6

responsibilities of the Company mainly to execute the day-to-day Planning & Development

Development issues and

COMPANY AND STATISTICS

6 **Business Development**

Organization liaison with the clients and Development partners to explore the business opportunities

Project Management

Provides back-up support to the ongoing projects and ensure effective coordination

including income & expenditure with establishing disciplines in the accounting and financial ement of the Comp

8

Finance



DevCon specializes and renders comprehensive professional services in the following sectors and opt to expand in new sectors with the advancement of information technology and modern time.



TRANSPORT

DevCon services encompass the following fields:

Traffic and Transportation Engineering, Transportation Planning and Demand Modelling, Micro simulation and Traffic Forecasting, Air Quality Management, National and Regional Highways, Bridge, Flyover and Expressways Port and Harbour, Railways, Airport Complete Project-cycle:

Our consultants help you to find feasible solutions with holistic planning. Next, our technical and financial specialists prepare designs, estimates, and support you applying proper tender procedures for your projects. Whereas, our engineers and other specialists are there to manage contracts and supervise the works, taking responsibilities as your trusted onsite representative with environmental and social safeguard monitoring. Upon completion, our advisors are eager to provide the tools for operations and



WATER & SAFEGUARD

maintenance of your systems.

DevCon offers expertise and experience in the following fields:

Water Supply, Sanitation, Sewerage and Urban Drainage, Environmental Management, Wastewater Treatment, Social Assessment, Climate Changes & Adaptations

eields of Activity:

Water Supply: Water Resources Studies, Water Supply Master Plan and Feasibility Studies, Rural, Urban and Industrial Water Supply. Wastewater Treatment: Domestic and Industrial Waste Water Treatment (ETP/STP); Sanitation, Sewerage and Urban Drainage;

Waste Management: Solid Waste Management; Operation and Maintenance; Soil and Groundwater Pollution.

Environmental Management: Environmental Surveys and Impact Assessment; Environmental Monitoring and Management Plan, Noise and Air Quality Control

Social: Socio-economic and Gender Studies, Social Impact Assessment (SIA), Resettlement Action Planning (RAP), Land Acquisition Planning (LAP)

Climate Changes: Climate resilient Infrastructure Planning, Climate adaptation studies & Planning.

DevCon Water is able to provide a total capability throughout the water cycle & environmental issues.



WE ARE SPECIALIZED IN TRAFFIC MODELLING AND CREATING TRANSPORT DEMAND MODELLING, TRAFFIC MICRO SIMULATIONS AND FORECASTING, LAND USE PLANNING USING CUBE DYNASIM OF CITILAB, USA



13

INFRASTRUCTURE

DevCon offers expertise and experience in the following fields:

Rural Development, Urban and Regional Development, Tourism/ Eco-tourism Development

Fields of Activity:

DevCon provides the following services for infrastructure projects starting from the initial concept planning and preliminary design through to construction supervision and assistance in management and maintenance.

Rural Development and Connectivity: development impact studies, planning, design and implementation of rural infrastructure e. g. markets, culverts / bridges and rural roads for connectivity for sustainable economic development including environmental and social impact assessment and monitoring and evaluation.

Urban and Regional Regeneration: structure and master planning, detailed area planning, urban infrastructure planning and feasibility studies, detailed engineering and construction supervision with social and community development and environmental management.



AGRICULTURE & ENVIRONMENT

$\label{percon} \mbox{DevCon offers expertise and experience in the following fields:}$

Flood Control and Bank Protection, Drainage Improvement, Estuary Development, Irrigation and Agricultural Development, Participatory Water Resources Management, Capacity Building, Impact Assessment

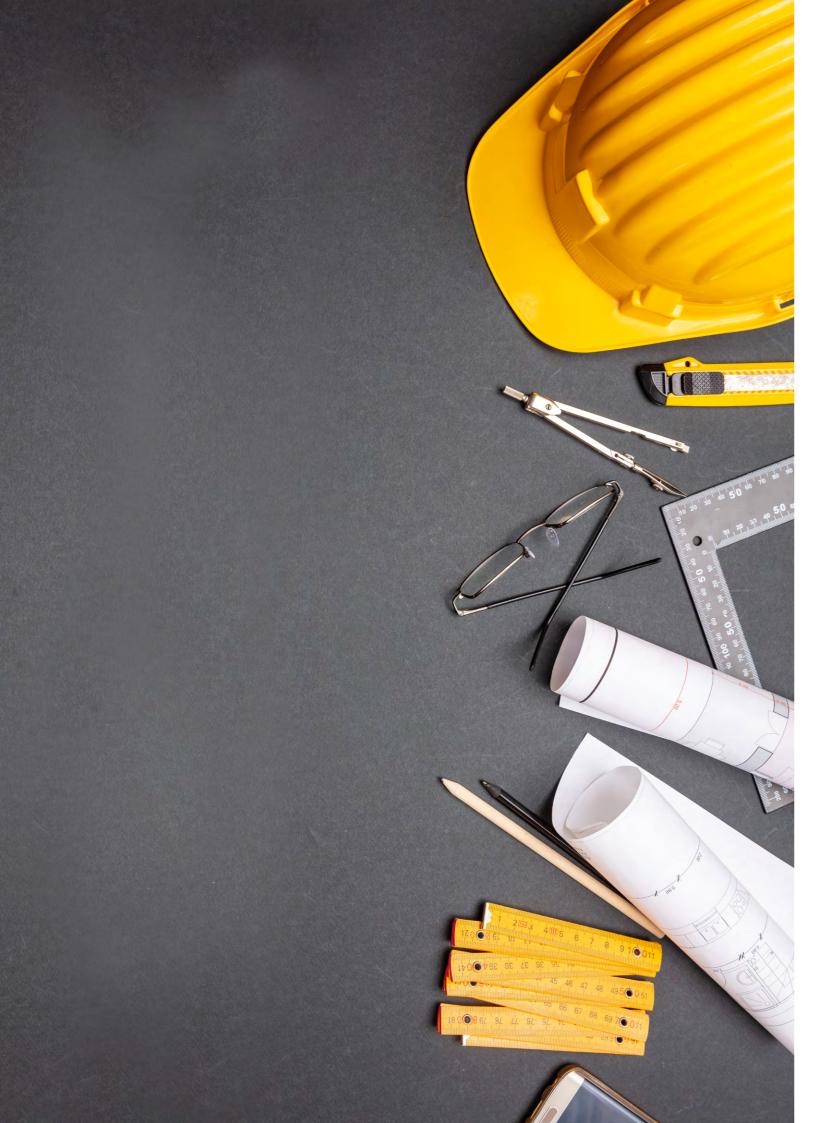
Fields of Activity:

Services include (a) Surveys, investigations and reconnaissance studies; (b) Project Identification, (c) Planning, Preliminary Designs, Techno-Economic Analysis and Feasibility Studies; (d) Detailed Design and Tender Document; (e) Construction Supervision and Contract Management; (f) Management and Training Advice; (g) Monitoring and Evaluation

DevCon believes in team work and an integrated approach involving Engineers, Agronomists, Aqua-culturists, Economists, Sociologists, Environmentalists, Extension Personnel, Credit Specialists and many other specialists for making a project success. The Professional team of DevCon helps to strengthen farmer's organizations in the process of integrated water resources planning and management, and also to meet the water demand of diverse interest groups. Technical assistance, institutional strengthening and training, and the implementation of specific projects are part of its process.



WE DEVELOP ENVIRONMENTAL
DISPERSE MODELLING FOR
AIRCRAFTS, OUTDOOR SOUND
PROPOGATION AND RISK
MANAGEMENT USING AVIATION
ENVIRONMENTAL DESIGN TOOLS
(AEDT) SOFTWARE OF USA





COVID-19 SPREAD CONTROL & MEASURES AT OFFICE



We are proud to announce none of our employee has lost their employment due to Covid-19 Pandemic. We have implemented strategies and safety precautions at our workplace according to WHO guideline to prevent the continued spread of Covid-19 and reduce its impact on employees.

We have established safety protocol measures at our head office and project offices. We have educated the staffs on the signs and symptoms of Covid-19. Also on ongoing basis we educate and ensure the practice of social distancing and self isolation. Any employee who feels ill should stay at home to prevent spreading germs in the office common entry points like lobbies, security checkpoints and elevators are sanitized frequently. We encourage remote work for aged or high-risk employees. Staffs and visitors has to wear the face mask while in the office. Staffs and visitors must have to go through temperature scans and hand sanitation mandatory before entering the office. We educate and support employee hygiene by keeping supplies like face masks, tissues, hand sanitizers, soaps, disinfectant wipes available for all employees.

Along with the measures taken to control COVID-19 spread we have updated our sick time policies and additional sick time leave to accommodate the employees who test positive for corona virus.

Overall we have done great controlling COVID-19 spread at office. in the year of 2020. We didn't have any COVID-19 outbreak at office. We are looking forward for the COVID-19 pandemic free year of 2021 and wish we all can return to normal working life.

WHILE THIS IS THE FIRST PANDEMIC CAUSED AS A RESULT OF A CORONA VIRUS, IT ALSO IS THE FIRST PANDEMIC THAT CAN BE CONTROLLED.

- DR TEDROS ADHANOM WORLD HEALTH ORGANISATION





Our New Office

We gladly announce the relocation to our new office in 2021 at the first twin towers of the country by the Shanta Forum location at 187, 188/B (10th floor), Bir Uttam Mir Shawkat Sarak, Tejgaon, Dhaka, Bangladesh. With the perfect blend of intricate design and superlative construction at its core, our office is of 5,500 Square feet and located at the 10th floor with the facilities of Fitness Centre, Cafeteria, Conference Room and many more for our valued employees.



PROGRESS ON

Our Commitments (2019-2020)

IN 2020 WE WERE
COMMITTED TO
FOCUSED EFFORTS

- ANISUR RAHMAN MD, DEVCON



CLIENT RELATIONSHIP

We focus on effective commitment. through check in often and receive feedbacks from clients. Our incredible communication, energy and results are creating strong client-consulting relationship. We have brought



PARTNERSHIP

We create value for our partners.
This year we ensured, we had
regular scheduled meetings,
proactive planning, allocation of
roles and responsibilities based on
complementary skills and knowledge.



COMPANY & EMPLOYEES

None lost their job due to Pandemic.

We specify the basic policy to promote safety and health at work under which we structures and maintains the workplace. We have improved productivity by more recognition. We have promoted ongoing guidance and training supports.



PEOPLE, SOCIAL & ENVIRONMENT

We are aware of importance of our activities for the development of community. We are committed to sustainable environment. To contribute to the reduction of Co2 emission we have changed our cars to battery powered. We are committed to circular economy in which we use renewable energy source, reusable resources and reduce the waste production.



ECONOMY

We have recognized that economic growth is fundamental to raise living standard. We support gender equality in all sectors. We maintain effective and efficient tax systems to reduce inequality and support participation.. We have adapted the market policies and programs with and shared best practices at service to adapt competitive changes in technology and job demands.



GOVERNMENT

We always respect and follow the rules, regulations and guideline of the Government of the country we work in.





Completed Significant Projects (2010-2020)



Completed Significant Projects (2010-2020)



2020

Kanchpur, Meghna and Gumti Bridges (KMG Project)



2019

Four Bridges in Southern and Eastern region of Bangladesh



2018

Bangabandhu Sheikh Mujib International Airport



Damaged Road Infrastructure Including Drains and Footpath



2013

National Highways Development Project: NH-5 in the State of Orissa, India



2012

Preparation of Water Supply Master Plan for Dhaka City



Road Network Improvement & Maintenance Project-II (RNIMP-II)



19

2011

Sector Development Programme (SDP) for the Water & Sanitation Sector in Bangladesh



2017

Civil Works of 4-Laning of Dhaka-Chittagong Highway (RDP)



2017

Rural Piped Water Supply Schemes in Bangladesh



2016

City Region Development Project -Regional Development



2016

Eastern Bangladesh Bridge Improvement



2011

Estuary Development Program with Dutch Assistance (Phase III)



2010

Sultana Kamal Bridge, 3rd Buriganga Bridge at Basila & 2nd Shitalakhya Bridge at Demra



Urban Governance and Infrastructure Improvement Project (UGIIP-1)





2015

Southwest Area Integrated Water Resources Planning and Management Project



2013

Capital Dredging and Sustainable River Management in Bangladesh



2013

Coastal Embankment Improvement Programme (CEIP) under ECRRP



2013

IC & PPP Financing for Improved Water Supply and Sanitation Services in Small Towns of Bangladesh

WE ARE PROUD TO BE PART OF SUSTAINABLE & **RESILIENT DEVELOPMENT**

DevCon, since inception, has been providing consultancy services in multidisciplinary sectors of national economy. In addition, DevCon has also extended professional services in various development sectors of some South Asian Countries, notably Nepal, India and Pakistan. Over the years, DevCon has expanded the field of activities and now covers almost every aspect from preliminary research and study to monitoring and evaluation

AND WE AIM AT MAKING THE SOCIETY A BETTER LIVING PLACE

DevCon, since inception, has been providing consultancy services in multidisciplinary sectors of national economy. In addition, DevCon has also extended professional services in various development sectors of some South Asian Countries, notably Nepal, India and Pakistan. Over the years, DevCon has expanded the field of activities and now covers almost every aspect from preliminary research and study to monitoring and evaluation

20 DevCon | Annual Report 2020 DevCon | Annual Report 2020



DevCon's Journey

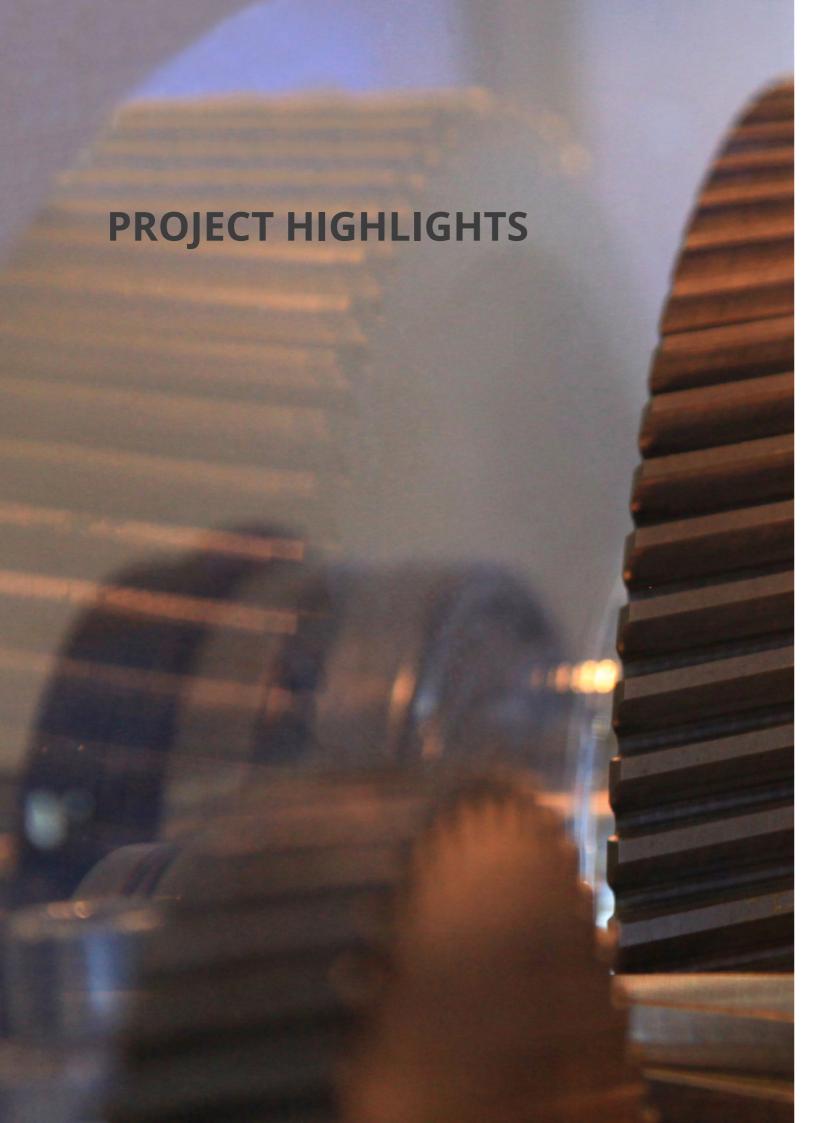
SINCE BEGINNING





IT'S THE DEDICATED TEAM WORK THAT CONTRIBUTED TO OUR SUCCESS. THANK YOU FOR BEING PART OF DevCon'S JOURNEY.

TOGETHER WE MADE IT POSSIBLE!



PADMA MULTI-PURPOSE BRIDGE, A DREAM OF BANGLADESH

PADMA BRIDGE, SETS THREE WORLD RECORDS The project holds three world records of "Longest pile driving of 122m", "Largest double curvature friction pendulum bearing" and "Largest single contract in River Training Works (USD 1.10 Billion)". An innovation of enhancing skin friction of steel tubular driven pile by injecting grout through TAM ducts attached to the pile surface has been invented here in this project. The construction of pile having a diameter of 3m and a length over 100m (average) is so unique that a specially designed hammer has been imported from Germany for driving the piles. Besides, very fine (micro fine) cement has been used in piling and some parts of pillars in Padma Bridge, which have been brought from Australia. Such fine cement is not commonly used. DEVCONSULTANTS LIMITED IS A MEMBER OF THE SUPERVISION CONSULTANCY TEAM

Padma Bridge is going to transform lives of 30 Million People of Bangladesh The Government of Bangladesh (GoB) has given a topmost priority to construct the bridge across the mighty river Padma for a direct road and rail link with the south western region of Bangladesh. Padma Multipurpose Bridge Project (PMBP) is the ever-largest infrastructure project funded by own fund of the GoB, executed by Bangladesh Bridge Authority (BBA). The bridge will bring significant changes in socio-economic uplift of the country by an exclusive increase of GDP growth of over 1.25%.

The main bridge is a two-level steel truss superstructure acting compositely with reinforce concrete deck slab having a 4-Lane highway on the upper level and single-track dual gauge rail on the lower level. The Project consists of Main bridge (Length: 6.15 km, Viaduct - 3.148 km road and 532 m rail), River Training works (Length: 13.1 km,), Approach Road & Selected Bridge End Facilities (Length: 12.117 km).

The sub-structure of the main bridge is based on 262 nos. of Racked steel tubular driven piles, 32 nos. of vertical bored concrete pile (diameter of each pile: 3m, length of pile: 98m to 122m) and the superstructure has 41 nos. of 150 m long Span, Warren Type Steel Truss Girder with upper deck having 22m wide concrete deck slab and 4 lane road etc. The other major component of the project is the river training works having 594,80,000 m³ dredging works, 928,350 m³ rock rip rap works.



26 DevCon | Annual Report 2020 DevCon | Annual Report 2020 DevCon | Annual Report 2020

ONGOING SUCCESSES BY TRANSPORTATION ENGINEERING LAB, DEVCON

DevCon stands proud of pioneering scenario-based travel demand modelling and transportation impact studies encompassing a wide range of development plan and project. The organization strives to bolster the transportation study standards and data collection integrity. DevCon is involved in many mega development projects of Bangladesh, providing transportation design and study consultancy to key government entities of Bangladesh, like Roads and Hghways Department (RHD), Bangladesh Bridge Authority, Urban Development Directorate and RAJUK

Our preceding and recent achievements:

- TIA and Transport Modelling for Master Plan Projects
- Turag And Keraniganj Township Development Project, (RAJUK, 2020)
- Pyra Kuakata comprehensive plan focusing ecotourism (UDD, 2018)
- Development Plan of Mirsharai Upazila (UDD, 2017)

Transport Modelling for Bridge & Expressway Projects

- Kewatkhali Bridge (RHD, 2019)
- Dhaka Bypass Road PPP Project (RHD, 2017)
- Dhaka East West Elevated Expressway (BBA, 2017)

Traffic and Safety Study for Road & Bridge Projects

- Sylhet Tamabil Road Improvement Project (RHD, 2019)
- Road Safety study & design of counter measures for Hazardous intersections of RHD (RHD, 2018)
- FS of Four Bridge Project (Bhola-Barishal 10km Bridge and Karkhana Bridge) (BBA, 2018)

Standalone Traffic Survey works

- WECARE project (RHD, 2020)
- First Dhaka Elevated Expressway (BBA, 2017)

Traffic and Road Safety Studies

DevCon's dedicated Design Team for traffic study, highway and safety design have successfully executed many mega development projects like East West Elevated Expressway Project, Bhola-Barisal Bridge Project etc. Services offered includes Traffic Analysis, Junction Capacity Analysis, Road Safety Audit, Safety Design, Geometric Design Improvements of Junctions and Interchanges as well as Sign and Marking Design.

Superiority in Traffic Survey Expertise and Logistic

DevCon manages an exceptional pool of transport modelling and road safety experts as well as a dedicated group of experienced and well-trained field coordinator and surveyors. Unlike the common practice of hiring inexperienced local manpower, DevCon prioritized on quality and integrity of data collection. With an abundance of functional survey logistics (action camera, flood light, memory etc.), DevCon has the capacity to operate large field teams, deployed in any part/throughout the country, within the least possible time, with the help of a centralized field management system, impromptu survey design and well-recognized survey methodology. Although the field data collection primarily serves in house studies, **DevCon** also offers standalone traffic data collection services to enthusiast organizations.

Training and Support

DevCon have successfully partnered with government organizations like UDD and BRRL, RHD for developing their own transportation modelling labs, by facilitating CUBE software licenses and arranging multiple training programs for govt. officials and experts of respective institutions

Traffic Forecast Modelling with CUBE

DevCon offers a comprehensive modeling solution to any infrastructure development project using the state-of-theart scenario-based macro meso and micro simulations, modelled in CUBE.



"CUBE is a powerful tool for transportation planners, transportation engineers, and city planners to clearly visualize and easily test varied scenarios to compare potential benefits and be aware of unexpected consequences. Being armed with this knowledge saves time, money, review cycles, and debates as changes are proposed before entering the often lengthy and time."

DevCon IS THE SOLE DISTRIBUTOR OF CUBE SOFTWARE IN BANGLADESH. FOR PURCHASE OR TRAINING SUPPORT PLEASE CONTACT BUSINESS DEVELOPMENT SECTION OF DevCon

EXPRESSWAY TO OPEN UP NEW ERA OF ROAD CONNECTIVITY IN BANGLADESH

Dhaka-Ashulia Elevated Expressway (DAEE) aims to minimizing traffic congestion in and around the Dhaka Airport - Ashulia area as well as to improve road connectivity of the northern part with the capital city.

First Dhaka Elevated Expressway (FDEE) is Bangladesh's first elevated expressway project, which will connect the Shahjalal airport with Kutubkhali via Mohakhali, Tejgaon and Kamalapur of Dhaka.

DEVCON

DevCon is a part of the both projects to support the supervision consultants for Comprehensive Construction Material Testing, Design, Design Review & Supervision of the project implementation activities.

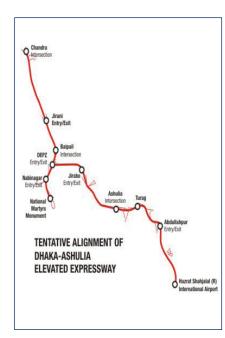
Dhaka-Ashulia Elevated Expressway (DAEE) aims to minimizing traffic congestion in and around the Dhaka Airport - Ashulia area as well as to improve road connectivity of the northern part with the capital city. To minimize traffic congestion and make access between the capital city and Dhaka EPZ easier, the government in association with China is implementing the expressway under G2G partnership. The project also includes 10.84 kilometers of ramp and 14.28 kilometers of connecting road and upgraded to a four-lane. Two flyovers will be constructed at Nabinagar, each one kilometer long. A total of 18 kilometers of drainage will also be constructed on both sides of the expressway. The expressway is 24 kilometers long and will connect Airport to Dhaka EPZ via Airport-Abdullahpur-Ashulia and Baipail, which includes construction of 1.92km Nabinagar flyover, reconstruction of 14.28km At-Grade road, construction of 2.72km bridges and 500 meters of overpass/flyover and construction of five toll plazas. DevCon also carried out detailed Feasibility Study of the Project in

DEVCON IS PROVIDING
ENGINEERING
CONSULTANCY SERVICES TO
THE TYPSA CONSULTING
ENGINEERS & ARCHITECTS.

The First Dhaka Elevated
Expressway (FDEE) Project
involves construction of a
four-lane main carriageway
and one elevated link road, the
approximate total length of the
main carriageway Expressway
is about 46.73 km comprising:

- Four-lane dual main carriageway of a total length of 19.73 kilometers
- * Four-lane dual link-road carriageway of a total length of 3.1 kilometers
- * 32 on-off ramps (one-lane carriageway of 5.5-meter width) of a total length of 23.9 kilometers
- * 8 toll plazas and 43 toll collection booths

DEVCON IS PROVIDING
ENGINEERING
CONSULTANCY
SERVICES TO THE
LOUIS BERGER
CONSULTING PVT. LTD.





28 DevCon | Annual Report 2020 DevCon | Annual Report 2020

MATARBARI ACCESS ROAD TO DEEP SEA PORT BY 2025

The objective of the project is to develop a logistic network which will be reliable and low-cost for the cargo & freight handling and transporting facilities. By doing so, Bangladesh will be able to maintain competitiveness of Bangladeshi products in the global market by being the regional hub of connectivity

DEVCON IS
WORKING IN THE
DETAILED DESIGN
AND SUPERVISION
OF THE PROJECT

MATARBARI ACCESS ROAD TO DEEP SEA PORT DEVELOPMENT PROJECT (RHD COMPONENT)

The Matarbari Port Development Project has the objective of strengthening the port logistics capacity of Bangladesh by constructing a new commercial port at Matarbari area in Cox's Bazar District of Chattogram Division, Bangladesh thereby contributing to the acceleration of logistics with neighboring countries. This project comprises of two components i) Construction of a new Port ii) Construction of a new Port Access Road.

The Port Access Road is Consisting of the following components:

- a) Construction of 25.8 km long 4-lane Port Access Road on new Embankment,
- b) Construction of 17 bridges,
- c) Construction of 1.6 km long 4-lane Matarbari Port North-South Connector Road and
- d) Soft Soil Improvement Works.

Roads and Highways Department (RHD) of Road Transport and Highways Division (RTHD) of Ministry of Road Transport and Bridges (MORTB) is the Client for this consulting services. The project duration is estimated to be 66 months followed by 12 months Defects Liability Period. RHD has selected and employed DevCon along with Oriental and other partners as consultant for rendering consulting services for detail engineering design, tender assistance and construction supervision of the access road Project.

DevCon is also working in the Detailed Design and Supervision of Access Road Construction Component of Matarbari Ultra Super Critical Coal-Fired Power

JICA SAID THE MULTI-PURPOSE TERMINAL WILL BE BUILT ON 17 HECTARES, HAVE A 300 METER BERTH, AND BE ABLE TO ACCOMMODATE VESSELS WITH UP TO 70,000 DWT. ITS ANNUAL CAPACITY WILL BE 2.25 MILLION TONNES.





Matarbari would be a second Singapore in Asia with sea port connectivity reaching a new height.

> -Ito Naoki, Japanese Ambassador

URBAN INFRASTRUCTURE IMPROVEMENT PROJECT (UIIP)

The Government of Bangladesh (GOB) through Local Government Engineering Department (LGED) is implementing the KUWAIT Fund Arab Economic Development (KFAED) assisted Urban Infrastructure Improvement Project (UIIP) to engage key development priorities in Urban Infrastructure & transport sector in Bangladesh.

At present, 53 (Fifty-three) nos. selected Paurashavas that have the high general demand of physical infrastructure will be developed by this project. (The number of Paurashava may be extended in future).

This Urban Infrastructure Improvement Project (UIIP) will play a vital role in improving living standard and economy as well as would help the local governments to perform their mandatory responsibilities; provide infrastructure and service facilities to perform their citizens, immediate investment in developing basic infrastructure like roads, drains, bridge/culverts and other urban services. This Project is an appropriate arrangement to fulfill the immediate requirement of Urban Citizens.

At present, the Paurashavas of the country are potential areas of small and medium sized investment in business and manufacturing sub-sectors along with administrative and social services providing characters. Moreover, recent construction of national highways connecting the district headquarters and other investment on nation building projects have shaped up the secondary towns to play a catalyst role in the overall process of urbanization so as to achieve a balanced urban growth in the country. Rapid urban growth has made heavy demands on urban utilities and services like electricity, gas, water, sanitation, sewerage, garbage disposal, transport and social services like health and education etc. Development of physical infrastructure is a prime need for boosting agricultural, commercial and economic activities of the Urban areas. On the other hand, demand for urban service facilities has increased substantially because of the population explosion in the Urban areas.











DevCon|Annual Report 2020







Agargaon, Dhaka Bangladesh

Can you tell us about the IDRS project?

'Improvement of Damaged Roads, Drains, Footpaths and Road Safety (IDRS) of Different Zones under Dhaka North City Corporation' is a GOB funded project. This project has Road Pavement- 98.57km, Drainage- 142.25km (Side Drain & Pipe Drain), Footpath- 107.27 km, Median-12.41 km, Box Culvert- O1 Nos to be improved and constructed.

To develop effective and sound road network and sustainable drainage system, DNCC intends to improve the damaged roads, drains, footpaths and to ensure road safety of Zone #1 (Uttara), Zone #3 (Mohakhali) & Zone #5 (Kawran Bazar) including the Sher-e-Bangla Nagar Administrative Area, Banasree and Niketon area.

What are the major focus of the project?

We are focusing on Agargaon Area houses many important Government Buildings and Hospitals namely IDB Bhaban, Lions Eye Hospital, Department of Social Service, Department of Environment, LGED, Passport Office, Bangladesh Technical Education Board, Bangladesh Probin Hitoishi and Jora Biggan Institute, DESCO, Department of Architecture, Bangladesh Election Commission, ICT Division, Islamic Foundation, PKSF, NGO Affairs Bureau, Radio Office, National Institute of Neuroscience and Hospital, Bangladesh Atomic Commission, National Institute of Ophthalmology and hospital, Science Museum, NILG, Bangladesh Public Service Commission, Bangladesh Bureau of Statistics Jatiyo Sangit College, UGC, National Parliament Employees Residence. However, roads, drains, footpath and other facilities of this area are under developed and Kacha Roads.

When the project is expected to be completed?

PWD handed over the roads of Agargaon in 2017 to DNCC. We expect it to be completed by 2021.

So far how much progress is done?

Through this project and supervision services provided by the consultants the Road Pavement- 7.23km, Drainage- 13.28km (Side Drain & Pipe Drain), Footpath- 13.28 km, Median-7.0 km, Cycle Lane network of 8.78 km, On-Street Parking facilities of 2.96 km and Road safety at Sher-e-Bangla Nagar Administrative Area greatly improved.

How is the quality of the work?

The consultants provided the designs incorporating Cycle Lane & On-Street Parking facilities and supervised the entire construction work through which Agargaon Area became exquisite and remarkably well developed. The cycle lane is introduced for the 1st time in Bangladesh at Agargaon Area through this project. The consultants provided Traffic Signs and Road Marking designs and drawings as per BRTA TRAFFIC SIGNS manual and the works are conducted following the designs. Improved designs of Traffic Signs and Road Markings made the roads more alluring and will help improve in guiding the traffic flow.

How is DevConsultants Limited doing as Consultant?

The consulting firm DevConsultants Limited is engaged with the supervision works for this project. They have provided excellent and ontime quality services to make the work fruitful.

Anything you want to advise to DevConsultants Ltd.?

Overall i see them working fantastic from their part. They are highly skilled and professional on their correspondence. I am happy to see DevConsultants Ltd. is also working to bring positive changes on the other sectors as well. I am looking forward to working with them in the future projects as well.

I wish them luck and all the success for the future.

*Interview has been taken by Mizanur Rahman, Team Leader, IDRS Project at H 26 (Flat A-1) , R 18, Block-A, Banani, Dhaka-1213 on 03-01-2021.



The First Cycle Lane in Bangladesl Location: Agargaon, Dhaka

SUCCESS STORIES: A JOURNEY TO MAKE DIFFERENCES ON PEOPLE'S LIVES

In 2020, DevCon has kept facilitating movements in the needed direction for the people. The company has been committed and continually working to bring better changes to the people's lives through provide services in various projects towards the infrastructure, transport, urban & rural, water, agricultural and environmental developments. One of the mentionable ongoing project of the year is improvement of Damaged Roads, Drains, Footpaths and Road Safety (IDRS) of different zones under Dhaka North City Corporation. And we were looking for the feedback from the DNCC on our work.

DevCon|Annual Report 2020

BETTER PREPARATION AND RESPONSE TO NATURAL DISASTER IS CRUCIAL NOW

DEVCON ON A
MISSION TO PROVIDE
LEADERSHIP & SUPPORT
TO PREPAREDNESS,
MITIGATION, RESPONSE
AND RECOVERY
THROUGH NATURAL
DISASTER MANAGEMENT
PROGRAMS

Bangladesh is one of the countries most vulnerable to climate changes, as well as one of the most disaster prone country.

Bangladesh's flat topography, lowlying and climatic features, combined with its population density and socioeconomic environment, make it highly susceptible to many natural hazards, including floods, droughts, cyclones and earthquakes.

More than 80 percent of the population is potentially exposed to floods, earthquakes and droughts, and more than 70 percent to cyclones.

On average, the country experiences severe tropical cyclones every three years, and about 25 percent of the land mass is inundated with flood waters every year. Severe flooding occurs every 4-5 years and covers 60 percent of the land mass. (Source: World Bank, Nov 2007)

Disaster Risk Management Enhancement Project is to augment the comprehensive disaster risk management of the Government of Bangladesh by recovering and rehabilitating infrastructures at high risk for natural disasters, providing equipment for emergency communication and relief, and establishing and implementing a scheme for the quick and effective recovery and rehabilitation, thereby contributing to the sustainable development of Bangladesh with the development of a disaster-resilient society.



The Government of Bangladesh has received a loan assistance from the Government of Japan (Japan International Cooperation Agency - JICA) for strengthening disaster risk management in Bangladesh by strengthening implementation of disaster risk reduction, emergency response, and quick and effective recovery and rehabilitation.

The project funds will be utilized for:
a) the recovery and reconstruction
of embankments, bridges and
roads which were not sufficiently
recovered after past disasters
and pose a heightened disaster
risk to neighboring communities,
b) the provisions of wireless
communication equipment and
field communication vehicles,
to strengthen rescue and relief
operation during a disaster, c) the
recovery and reconstruction of
damaged embankments, bridges,

roads and cyclone/flood shelters which might be affected by future disasters, and d) the consulting services.

WE MUST NOW FOCUS ON
PREVENTION AND BREAK THE
CYCLE OF DISASTER, RESPONSE
AND RECOVERY.

-Amina J. Mohammed, United Nations Deputy Secretary-General

33

Department of Disaster Management (hereinafter referred to as "DDM") is established under MoDMR and responsible for coordinating and strengthening disaster risk reduction programs taken by the government and reducing overall effects of disaster. Through the Project implementation, MoDMR and DDM will strengthen their capability of comprehensive disaster risk management and promote mainstreaming disaster risk reduction in the government. This will be done by MoDMR and DDM participating in the sub-project selection.

The Project comprises of the following components and the services mainly which preparation of detailed designs, bid documents, supervision construction of civil works, procurement of communication equipment, social and environmental compliance and capacity building:

- ☐ Component 1: Disaster Risk Reduction (Civil Works)
- ☐ Component 2: Emergency Response (Equipment)
- Component 3: Quick and Effective Recovery and Rehabilitation (Civil Works)

34 DevCon | Annual Report 2020 DevCon | Annual Report 2020

VALUE CHAIN DEVELOPMENT (VCD) IN SAIWRPMP-AF: BENEFITS HARNESSING HUB FOR THE SOUTHWEST FARMERS

The catalytic role of DevCon in all the phases of Southwest Project since long past characterizes as the successful Change Maker. As the development partner along with BWDB, the clientele organization and the Asian Development Bank, the financing agency of SAIWRPMP-AF, we feel proud of these real development alternatives brought in the rural economic uplift in Southwest region of Bangladesh.

Southwest Farmers succeeded in deriving benefits of agricultural products having more value added than ever before. This was possible because of the fact that the Water Management Groups (WMGs) and farmers living in Southwest Project areas have attractive and feasible opportunities to improve their yield, sales, and income.



Over a long period since post liberation era, many water development schemes of either large or smaller size have been showing increased

agricultural productions. Yields increased manifold; but the absence of proper marketing development approach failed to ensure sales at an advantageous price for the farmers resulting poor scopes to increase their incomes. At this backdrop, Value Chain Development in agriculture was considered as one of the most effective tools.

The additional financing for the Southwest project (SAIWRPMP-AF) of BWDB (ADB assisted) has perfectly conceptualized and branded the Value Chain Development (VCD) program to ensure positive changes in WMO's income and business growth. In the real-life situation, this has impacted to add values to the agricultural produces at the farm level thereby maximizing the incomes of the farmers and hence enhanced the potentials of sustainability for agricultural development, the most effective component of rural uplift.



Impacts of Value Chain (VC) Approaches:





Under SAIWRPMP-AF, the VC component gives particular emphasis on capacity building regarding Market Development Approach and Value Chain Development for the field staffs of BWDB. The aim is to assist and guide WMOs and farmers for Market-oriented Production, Analyzing End Market, Business Capacity Building, and Linkage Development. The value chain team enthusiastically giving support to project stakeholders for inclusive growth. As a result, in recent years, it has been observed that farmers are shifting from traditional agriculture to market-driven high-value crops using modern technologies. Under the participatory structure, bright stars came forward and created their own stories in the local arena and now on the global stage too. Two of the shining and exceptional leaders (Epy Rani Adhikary & Khandaker Shahed Ali) of the project visited Nepal during 6-8 November, 2019 upon the invitation of the World Benchmarking Alliance (WBA) to share their experiences.



Epy Rani Adhikary Durgapur Village, Narail, Khulna, Bangladesh

Epy Rani Adhikary always wanted to explore the world and was open to learning new things.

Married at an early age, she is mother of two daughters and member of a joint family. Her journey, as a person belonging to the weaker section of the society, was not comfortable as she had to fight through the gender and caste discriminations.

In SAIWRPMP-AF, she is an exceptional WMG leader and lead farmer, who creates value for their community. She is the consecutively elected Councilor in her constituency for 3 times. As a market leader in Safe Food in the form of organic and secondary processing, Mrs Adhikary earned good name. Also she is producing nutritious vegetables like Summer Tomato, Cauliflower, Leafy Vegetables, Papaya etc. and value added products like Flattened rice, Puffed rice round the year.



Kh. Shahed AliDopakhola Village, Narail,
Khulna, Bangladesh

Khandaker Shahed Ali belongs to Dopakhola village under Sadar Upazila of Narail District. Mr. Ali completed his Postgraduation degree in General History from the University of Calcutta, India, and a fit example of educated youth taking agriculture as a profession bringing a remarkable change in the society. He has a strong affiliation for entrepreneurship with unique business philosophy, i.e., engaging the higher percentage of community farmers into his agro-business by ensuring joint ownership and winwin relationship

Mr. Ali has been working on Quality Seed production for more than 12 years. Branding and marketing of different agricultural products and establishing well communication with different market actors in the value chain strategy for good profit margin and upgrading the value chain competitiveness by incorporating the private sector actors are the area of his expertise

DevCon | Annual Report 2020 DevCon | Annual Report 2020

DEVCON ON MISSION:

USHERING A NEW ERA IN SETTING THE RURAL ECONOMY ON FIRM FOOT-HOLD IN BANGLADESH

JICA ASSISTED SMALL SCALE WATER RESOURCES DEVELOPMENT PROJECT OF LGED

"Small is beautiful", the German Philosopher Schumacher's remarks on development initiatives are absolutely true and proven much worth in rural agricultural development. Even after 60/70 years while it was uttered in the context of development in European society, this presentation finds a unique symmetrically of concerns in between Schumacher's observation and the subproject of water resources development, aimed at securing safe harvests of crops under adverse conditions of floods and other natural hazards in rural Bangladesh. The Local Government Engineering Department (LGED) with the assistances of JICA is now implementing about 300 Nos. of these sub-project scattered over rural areas in 21 districts under the project titled "Small Scale Water Resources Development Project" (SSWRDP-2). DevCon has been contracted to shoulder the responsibilities of conducting feasibility level investigations and accomplishing the Detailed Engineering Design of about 50 Nos. of subproject under Package SD-04 of SSWRDP-2.

The unique compactness and contiguous laying of the crop fields amidst a complex natural setting of canals, depressed boggy lands, communication infrastructures, households and orchards characterize these subproject as smaller growth areas for the villages and habitats around. Over the periods, these natural tiny blocks have lost their potentials for agricultural production due to siltation of the canals, rivers and other adjacent depressions causing inundation problems in cropping fields. Exploring the scopes of water conservancy, irrigation and drainage improvement with the provisions of appropriate engineering interventions have turned the subproject areas much effective for growing crops and harnessing fish resources along with better rural communication and marketing potentials.

The sub-projects thus developed gradually are becoming the nucleus of rural economy with active participation of the local beneficiaries' community. In many ways it is going to convert the villages into self-reliant units of economic development of the country.

DevCon is proud of being the partner in all these development efforts of LGED.







A PROFESSI IS GOING TO

A PROFESSIONAL TEAM OF DEVCON IS GOING TO COMPLETE FEASIBILITY STUDY IN KHULNA WITH CLIMATE RISK ASSESSMENT & ENVIRONMENT & SOCIAL IMPACT ASSESSMENT FOR CCAUD SUCCESSFULLY IN EARLY 2021 ALONG WITH OTHER PARTNERS. THE PROJECT IS A GOOD STARTUP ON CLIMATE CHANGE ADAPTATION BASED DEVELOPMENT OF BANGLADESH. THOSE INITIATIVES WILL DRIVE THE DEVELOPMENT TO THE TRULY SUSTAINABLE DEVELOPMENT ERA.

- ROZINA KHANAM PROJECT COORDINATOR DEVCONSULTANTS LTD.

ENHANCING FLOOD RISK RESILIENCES SHOW PROMISES IN KHULNA CITY, BANGLADESH

Feasibility study in Khulna with Climate Risk Assessment & Environment & Social Impact Assessment for CCAUD.

An adaptive city to meet the challenges in urban and water sector. Being the third largest city in Bangladesh, Khulna is unfortunately vulnerable for natural disasters like Cyclones, Sea Level Rise and Floods. The city has various issues like blocked drains, water logging, salinity, water pollution, lack of fresh drinking water and more.

The selected priority adaptation measures were chosen based on a Baseline Scenario and Climate Risk Assessment and a Multi-Criteria Assessment (MCA) conducted in 2020, A total of 9 sub-project have been developed which include 13 measures ranging from comprehensive drainage solutions for two Moyur sub-catchments to control flooding and erosion along the Rupsha River, preservation of existing hydrology combined with public space, and Public Inclusive River Fronts and Markets.

The whole project was divided into 9 phases. To accomplish the feasibility study in Khulna with Climate Risk Assessment & Environment & Social Impact Assessment for CCAUD, Among them Baseline study, CRVA, Long list, Multi-criteria assessment & short listing has been completed so far. Feasibility study & ESIA phase is ongoing. Based on a detailed Hydraulic Modelling, the conceptual Design & Investment proposal will be done as per the project schedule.



38 DevCon|Annual Report 2020 DevCon|Annual Report 2020 DevCon|Annual Report 2020

CITY-WIDE INCLUSIVE SANITATION TECHNICAL HUB (TA HUB) FUNDED BY BILL & MELINDA GATES FOUNDATION AIMS TO URBAN SANITATION IN SOUTH ASIA

DEVCON IS MANAGING A TA-HUB

DevCon happily announces to be the leading team of The City-Wide Inclusive Sanitation Technical Assistance Hub for South Asia named as TA HUB, is a project funded by the Bill & Melinda Gates Foundation . The objective of the project is that "everyone in the city benefits from equitable safely managed sanitation service by an authority mandated to ensure services are delivered irrespective of the technologies— sewered or not—or business models used to reach service targets"



The Bill and Melinda Gates Foundation (BMGF) contracted DevCon to operate and oversee the functions of the Technical Assistance Hub in South Asia (TA Hub). Headquartered in Dhaka, the primary objective of the Hub is to provide technical assistance to governments, development banks and other development partners in South Asian countries in planning, designing and implementation of urban sanitation with focus on City-wide Inclusive Sanitation (CWIS). The strategy of the TA Hub is to support large scale development projects for having impact at scale.

Accelerating the development of safe non-sewered sanitation systems and technologies is our top priority within the water, sanitation, and hygiene continuum, because it is where we believe we catalyze the biggest change, by making investments that other partners are unlikely to. We acknowledge the critical role of clean water and hygiene initiatives, and efforts to end open defecation, in improving global health outcomes. We applaud the efforts of other organizations focused on these areas.

-Bill & Melinda Gates Foundation

The TA Hub provides technical assistance in any or all elements of the project cycle – from conceptualization and project document preparation to implementation, monitoring and evaluation. It facilitates accruing project funding and donor coordination, incorporate innovations and adaptation of innovative technologies. It provides consistent metrices like analytical tools and promote knowledge sharing.

At present the TA Hub is supporting various agencies in Bangladesh such as the Department of Public Health Engineering (DPHE) and Local Government Engineering Department (LGED) in feasibility studies of various municipalities. Based on these studies, development projects are being designed which will be financed by the Islamic Development Bank (IsDB) and Bangladesh Government, and possibly other development partners as well. The TA Hub will also provide support to the DPHE's ongoing sanitation project for 30 towns which is funded by the World Bank. As a response to the COVID-19 pandemic, TA Hub partnering with the World Health Organization (WHO) in demonstrating improving water, sanitation and hygiene (WASH) facilities and Infection Prevention Control (IPC) measures to strengthen resilience of the Health Care Facilities.

The Hub has also been actively supporting clients throughout South-Southeast Asia. In Nepal, the TA Hub supported the Kathmandu Valley Management Board in integrating faecal sludge management in the ADB supported master plan for water supply and sanitation in 18 municipalities. In Indonesia, the Hub has recently completed an evaluation of a large-scale decentralized domestic wastewater treatment program, which is providing a baseline for IsDB and the Asian Infrastructure Improvement Bank (AIIB) for their large-scale investment projects. In Madhya Pradesh, India, the Hub currently is working with the Asian Development Bank (ADB) to integrate CWIS approach across 8 cities. In the coming years, the TA Hub plans to consolidate its activities in the countries it is presently working and expand in other South Asian countries

A Who Document "Safer Water, Better Health" (2008) States That Almost One Tenth Of The Global Burden Of Disease Could Be Prevented By Improving Water, Sanitation And Hygiene And About 8.4% Of Our South-East Asia Regional Burden Of Disease Could Be Prevented By These Interventions

Strategy for Scaling CWIS by Bill & Melinda Gates Foundation (2018)

CITY WIDE INCLUSIVE SANITATION (CWIS)



- Everyone benefits from safe services and public investment equitably, with a focus on reaching the poorest
- 2. Gender and social equity are designed into planning, management, monitoring
- Human waste is safely managed along the sanitation chain starting with containment
- Authorities operate with a clear, inclusive mandate,performance targets, resources, and accountability.
- Authorities deploy range of hardware, funding and business models to meet goals
- Comprehensive long-term planning fosters innovation, pro-poor financing; informed by analysis of needs, resources
- Political will and accountability incentives improvements in capacity, leadership, outcomes





City Wide Inclusive Sanitation (CWIS) Workshop



Faecal Sludge Management (FSM) Workshop at ITN-BUET

40 - DevCon|Annual Report 2020 DevCon|Annual Report 2020

Project Presentation

YEAR 2019-2020







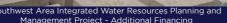














Project Presentation

YEAR 2019-2020

















DevCon|Annual Report 2020

INDEPENDENT AUDITORS REPORT ON FINANCIAL

PERFORMANCE 2018-2019

TO
DEVCONSULTANTS
LIMITED

We, Zahur & Mostafiz Chartered Accountants; Member firm of Kreston International, have audited the accompanying financial statements of DevConsultants Limited which comprise the Statement of Financial Position as at 30 June, 2019 and the Statement of Comprehensive Income, statement of changes in equity and cash flows for the year ended, and a summary of significant accounting policies and other explanatory information.



Management is responsible for the preparation and fair presentation of these financial statements in accordance with Bangladesh Financial Reporting Standards (BFRS), the Companies Act 1994 and other applicable laws and regulations, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Bangladesh Standards on Auditing (BSA). Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of

expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements give a true and fair view of the Statement of Financial Position as at 30 June, 2018 and of its financial performance and its cash flows Statements for the year then ended in accordance with Bangladesh Financial Reporting Standards, the Companies Act 1994 and other applicable laws and regulations

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit and made due verification thereof:

In our opinion, proper books of account as required by law have been kept by the Company so far as it appeared from our examination of those books; and

The Balance sheet and profit & loss account dealt with by the report are in agreement with the books of accounts and returns.





We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit and made due verification thereof:

Also, In our opinion, proper books of account as required by law have been kept by DevConsultants Ltd so far as it appeared from our examination of those books ; and

The Balance sheet and profit & loss account dealt with by the report are in agreement with the books of accounts and returns.



Dhaka, Bangladesh December 22,2020

FINANCIAL REPORT

ZAHUR & MOSTAFIZ CHARTERED ACCOUNTANTS 44 DevCon|Annual Report 2020 DevCon|Annual Report 2020 DevCon|Annual Report 2020

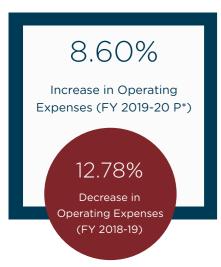
FINANCIAL HIGHLIGHTS

As the sales and revenues went up during the financial year 2019-2020, we are projecting increase in operating expenses by 8.60% compare to the financial year 2018-19. In the previous years we were able to decrease our operating expense by 12.78% in financial year 2018-19 compare to financial year 2017-18. Now we plan to give more attention to minimize operating expense in year 2021.

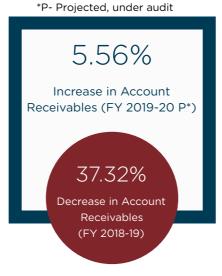
The great news is, we are projecting 22.03% decrease in our total liabilities in the financial year 2019-20 compare to previous year. Advance payments from different projects by clients got adjusted this year.

That is why we project to decrease the liabilities significantly this year.

During the financial year 2018-19 our account receivables increased due to our claims against some small projects remained unsettle for delay in project completion. We project decrease in account receivables in the financial year 2019 -20 as claims against some projects have been settled for completion projects.







A-(Long Term) ST-3(Short Term)

CREDIT RATING FOR YEAR 2020 - STABLE

Independent organization Credit Rating Information and Services
Limited (CRISL) each year assesses company performances and provides credit report and certificates to DevConsultants Ltd. The latest assessment dated as October 13th 2020 DevConsultants Ltd.'s credit rating stands as: A- for definitions long term and ST-3 as short term on their scales and both interpreted as "Stable" based on the latest audited financial reports. It has concluded our company's financial position and business strength is strong and we can receive loan from bank or financial institutions. CRISL has assessed our credit score based on business structure, model, services, financial risk analysis, credibility and banking relationship.

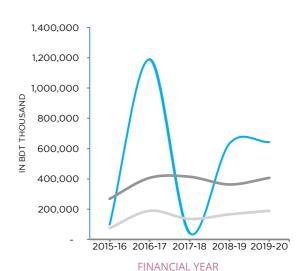
Credit Report 2020 shows overall business performance to be **PROFITABLE**

The report dated on October 13th 2020 by Credit Rating Information and Services Limited (CRISL) has mentioned DevCon has a good client base, good number of ongoing projects, good reputation, good number of technical & professional human resource and experienced management team. Nevertheless DevCon is also exposed to adverse impact of corona virus, changes in government policy risk, receivable collection risk and the others. It is also mentioned DevCon has a great opportunity for diversification in coming years.

STATISTICS

In the Financial Year 2017-18, we had a fall in sales. Since then we have a stable sales growth consecutively in the financial year 2018-19 and 2019-20 (Projected) Within last 5 year we have had the peak sales in Financial year 2016-17 due to the achievement of big projects of Padma River and Karnophuli Tunnel. In future to increase sales DevCon is dedicated to focus on achieving more works with big clients.

We have a stable net turnover growth since financial year 2016-17 with exception in financial year 2018-19 where turnover was decreased by BDT 51,032 We are projecting the increase in turnover this year by BDT 43,573. In the financial year 2019 - 2020 due to Pandemic of COVID-19 we did not expect higher net turnover and is satisfied to keep the growth trend as it is.



DevCon's cash inflow is greater than outflow and the liquid assets is increasing. Since 2016 our average cash flow stands at BDT 170,253 We are projecting increase in cash flow this year by BDT 23,173 Though our cash flow is increasing our free cash flow is projected to be decreased in this year. We have received payments from some of the outstanding receivables this year that projects the increase in our cash flow but at the same time we had to prefinance some of the small projects that may cause the free cash flow at decrease.



Within 5 years: Peak at FY 2016-17 Lowest at FY 2017-18 Currently Stable



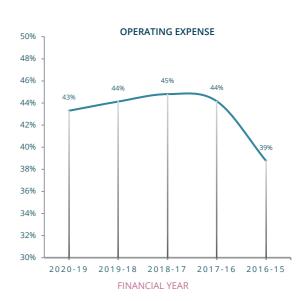
Stable Growth with a slight decrease in FY 2018-19

CASH FLOW

Cash Flow is Increasing,

Within last 4 years our operating expense stands at average 43%. We are projecting the same for financial year 2019-20

Some of DevCon's operating expenses are administrative costs, social charges and various overhead costs. We are happy to be able to control our operating expenses at 43% range while our business is expanding. In the coming years we target to lessen the operating expense at our level best.

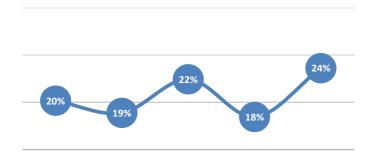


To decrease the operating expense this year we are implementing various digitalized programming system in department of Administration and Accounting, HR and gradually we plan to implement in other sectors. The task automation will be able to increase productivity at work, less work load to employees, faster and accurate job delivery will be possible. In a bigger picture we are hoping the integration of advanced technology will take DevCon to another heights of success.

46 DevCon | Annual Report 2020

STATISTICS

RETURN ON ASSET



Return on assets (ROA) measures how efficiently DevCon is generating earnings from their economic resources or assets. In every dollar in asset, DevCon has earned 21% in profit in the last four years. In the financial year 2019-20 we are projecting the same trend of 20% in profit. According to engineering consultancy business we are performing reasonable in terms of Return on Asset.



Profit margin is the indicator of a company's financial health, management's skills and growth potential. We are projecting our profit margin at 5.53% in the financial year 2019-20 which is the increase of 0.67%.

In the financial year 2017-18 we had the lowest of 0.49% profit margin among the last five years. The mentioned year we had adjusted our outstanding tax payments to the net profit. In the financial year of 2015-16 and 2016-17 we have had the profit margin of 11.34% and 10.54% respectively due to low inflation in Bangladesh and lower overhead costs.

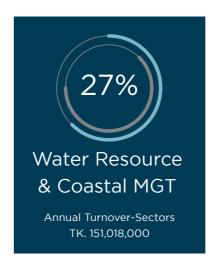
We expect the expansion of business while the overhead costs remains same will contribute to higher profit margin growth in the coming future.



DevCon|Annual Report 2020

FINANCIAL

YEAR 2019-2020







47

ANNUAL TURNOVER - SECTORS YEAR 2019- 2020 Projected

RHD & BBA Tk. 250,148,000 BWDB Tk. 148,209,000 DPHE & WASA Tk. 123,086,000 LGED Tk. 4,603,000 OTHERS Tk. 24,949,000

ANNUAL TURNOVER - INSTITUTIONS

YEAR 2019- 2020 projected

ANNUAL TURNOVER, STABLE GROWTH.

It appears that RHD&BBA has impacted significantly on DevCon's annual turnover on FY 2019-2020. We are always focused and dedicated. We give importance and provide excellent services to our all clients equally. In 2020, we have signed two new contracts with LGED that will increase substantial sales and turnover over the years.

We are looking at stable increase in sales and turnover with RHD, BBA and BWDB in FY 2021. Similarly, with DPHE & WASA we have signed new contracts that will lead to more growth in annual turnover in upcoming years.

12.32%

PROJECTED INCREASE
IN TURNOVER IN
FY 2019-2020

NEW CONTRACTS WAS SIGNED IN FY 2019-2020

DevCon|Annual Report 2020

DevConsultants Limited Statement of Financial Position

	2020 Taka (Projected)	2019 Taka	2018 Taka	2017 Taka	2016 Taka		
ASSETS							
NON CURRENT ASSETS							
PROPERTY, PLANT AND EQUIPMENT	9,850,000	9,843,154	7,224,614	9,063,170	4,621,447		
CURRENT ASSETS							
ADVANCE INCOME TAX	23,500,000	21,276,919	22,798,125	41,441,653	28,196,444		
ACCOUNT RECEIVABLES	48,000,000	45,471,472	72,549,495	58,431,294	39,649,210		
ADVANCES, DEPOSITS AND PREPAYMENTS	73,000,000	62,255,612	48,382,104	48,599,406	76,191,420		
CASH AND CASH EQUIVALENTS	166,549,488	166,245,015	135,632,597	189,418,059	74,964,991		
	311,049,488	295,249,018	279,362,321	337,890,412	219,002,065		
TOTAL ASSETS	320,899,488	305,092,172	286,586,934	346,953,582	223,623,512		
EQUITY AND LIABILITIES							
EQUITY							
SHARE CAPITAL	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000		
SHARE MONEY DEPOSIT	900,000	900,000	900,000	900,000	900,000		
RETAINED EARNINGS	295,265,765	272,781,640	255,121,770	253,050,052	210,053,895		
	297,265,765	274,781,640	257,121,770	255,050,052	212,053,895		
CURRENT LIABILITIES							
LIABILITIES FOR EXPENSES	7,333,723	7,245,050	6,399,683	7,579,179	5,569,618		
ADVANCE RECEIVED FROM PROJECT	16,300,000	23,065,482	23,065,482	84,324,352	6,000,000		
	23,633,723	30,310,532	29,465,165	91,903,531	11,569,618		
TOTAL EQUITY AND LIABILITIES	320,899,488	305,092,172	286,586,934	346,953,582	223,623,512		

DevCon | Annual Report 2020

DevConsultants Limited Statement of Profit or Loss and other Comprehensive Income

	2020 Taka (Projected)	2019 Taka	2018 Taka	2017 Taka	2016 Taka
NET TURNOVER	408,000,000	363,239,731	414,271,952	406,813,105	268,485,774
COST OF PROJECTS	(293,760,000)	(260,019,556)	(297,696,370)	(292,143,596)	(182,189,439)
REVENUE FROM PROJECTS (GROSS INCOME)	114,240,000	103,220,175	116,575,583	114,669,509	86,296,335
OVERHEAD COSTS	(30,322,000)	(27,424,752)	(31,612,810)	(31,929,362)	(20,162,633)
SOCIAL COSTS	(4,383,000)	(4,528,684)	(5,171,839)	(3,449,035)	(2,176,197)
ADMINISTRATIVE COSTS	(14,770,000)	(13,604,845)	(15,451,021)	(15,256,571)	(11,099,866)
OPERATING PROFIT (NET INCOME)	64,765,000	57,661,894	64,339,912	64,034,541	52,857,639
NON-OPERATING INCOME	4,900,000	4,581,176	2,603,736	2,113,393	3,194,681
PROFIT BEFORE TAX	69,665,000	62,243,070	66,943,648	66,147,934	56,052,320
INCOME TAX EXPENSE:					
CURRENT TAX EXPENSE	(24,382,750)	(21,785,074)	(23,430,277)	-	-
ADJUSTED FOR EARLY YEARS	(22,798,125)	(22,798,125)	(41,441,653)	-	-
FOR THE ASSESSMENT Y. 2017-2018	-	-	(23,,430,277)	(23,151,777)	-
NET PROFIT FOR THE YEAR	22,484,125	17,659,870	2,071,718	42,996,157	30,453,351

50 DevCon|Annual Report 2020 DevCon|Annual R

DevConsultants Limited Statement of Cash Flows

	2020 Taka (Projected)	2019 Taka	2018 Taka	2017 Taka	2016 Taka	
CASH FLOWS FROM OPERATING ACTIVITIES						
NET PROFIT BEFORE TAX`	69,665,000	62,243,070	66,943,648	66,147,934	56,052,321	
ADJUSTMENTS FOR NON-CASH ITEMS:						
DEPRECIATION	2,786,600	2,481,459	1,838,557	2,315,277	1,229,602	
OPERATING PROFIT BEFORE CHANGES IN WORKING CAPITAL	72,451,600	64,724,528	68,7282,205	68,463,211	57,281,923	
CHANGES IN WORKING CAPITAL						
(INCREASE) IN ACCOUNTS RECEIVABLE	2,528,528	27,078,023	(14,118,201)	(18,782,084)	(14,183,435)	
DECREASE/ (INCREASE) IN ADVANCE, DEPOSIT AND PREPAYMENTS	10,744,388	(13,,873,508)	217,302	27,592,014	(27,899,304)	
INCREASE IN LIABILITIES FOR EXPENSES	88,673.00	845,,367	(1,179,496)	2,009,561	(2,667,162)	
INCREASE IN ADVANCE RECEIVED AGAINST PROJECT	(6,765,482)	-	(61,258,870)	78,324,352	6,000,000	
	6,596,107	14,049,883	(76,339,265)	89,143,843	(38,749,901)	
CASH GENERATED FROM OPERATING ACTIVITIES	79,047,707	78,774,,411	(7,557,060)	157,607,054	18,532,023	
LESS: TAX PAID DURING THE YEAR	(52,248,750)	(43,061,994)	46,228,402)	(36,396,986)	(27,924,087)	
A. NET CASH FLOWS USED IN OPERATING ACTIVITIES	26,798,957	35,712,417	(53,785,462)	121,210,068	(9,392,064)	
CASH FLOWS FROM INVESTING ACTIVITIES						
ACQUISITION OF PROPERTY, PLANT AND EQUIPMENT	(5,573,200)	(5,100,000)	-	(6,757,000)	-	
B. NET CASH USED IN INVESTING ACTIVITIES	(5,573,200)	(5,100,000)	-	(6,757,000)	-	
CASH FLOWS FROM FINANCING ACTIVITIES						
C. NET CASH USED IN FINANCING ACTIVITIES	-	-	-	-	-	
NET INCREASE/(DECREASE) IN CASH AND CASH EQUIVALENTS (A+B+C)	21,225,757	30,612,417	(53,785,462)	114,453,068	(9,392,064)	
CASH AND CASH EQUIVALENTS AT THE BEGINNING OF THE YEAR	174,866,209	135,632,597	189,418,059	74,964,991	84,357,055	
CASH AND CASH EQUIVALENTS AT THE END OF THE YEAR	196,091,966	166,245,015	135,632,597	189,418,059	74,964,991	

YEAR 2020 PADMA BRIDGE HAS BECOME A REALITY

DEVCON IS A PROUD

MEMBER OF SUPERVISION

CONSULTANCY TEAM OF THIS

HISTORIC PROJECT

\$11 BN

ADB Outlines \$11BN
Plan For BANGLADESH
IN
2021-2023

1.6%

World Bank forecasts Bangladesh's GDP growth at 2021

ANNUAL REPORT



The overall performance of DevConsultants Ltd. is found in POSITIVE TREND

The Chairman takes the opportunity to present the Annual Report 2020. The report has been approved by the Board of Directors (BoD) after due consultation with the Supervisory Board (SB), the Management Team of the company and the Auditors M/S Zahur & Mostafiz, Chartered Accountants of Bangladesh, a member of Kreston International. The auditors report is being prepared in compliance of the norms by the National Board Revenue (NBR) of Bangladesh.

The Annual Report 2020 represents the performance of the FY 2018-19 and also has highlighted a projected Audit Report of 2019-20 which is under the process of approval by the NBR. The overall performance of the company in terms of sales and turnover is found in positive trend. The BoD emphasizes extra care for business commitment and ethical approval including social commitment of the company towards our sustainable development.

Anisur Rahman Chairman, BoD





<u>Q</u>

53

345 PROFESSIONAL STAFF

THANKS FOR ALL

A million thanks to our honorable board of directors, professional management team, dedicated staffs, amazing clients, and great partners for your continued support and trust in our company. Thank you for being part of our company's success over the years. We greatly appreciate and value your fervent effort & contribution for the success of the company.

We are all prepared and working in various projects in the great year of 2021 and hoping we overcome the global health crisis in good shape. Wish you all the best.

THANK YOU FOR THE BUSINESS

DevConsultants Limited

CONTACT

Phone: +88 02 55035214-6 Fax: +88 02 55035214 E-mail: DevCon@DevConbd.com

Website: www.DevConbd.com

ADDRESS TO House # 69, Road # 16, Block - A Banani, Dhaka - 1213 Bangladesh