

COMPANY PROFILE OF DEVELOPMENT DESIGN CONSULTANTS LIMITED

1. BACKGROUND



Development Design Consultants Limited (DDC), an ISO certified “9001:2015 Quality Management Systems” company, was founded as a Partnership Firm in 1972 and later was converted into a Private Limited Company in 1978. Over the years, according to a Sector Review carried out by the Swedish Federation of Architects & Consulting Engineers, DDC was ranked as the 88th largest among the top 200 consultants of the World.

DDC as a multi-disciplinary consulting firm has been providing services to the government, private and international organizations. DDC offers a full range of services from project conception to completion including project preparatory technical assistance, project identification, techno-economic feasibility study, field surveys / investigations, environmental and social impact assessment, planning, detailed design, documentation, project management and monitoring, implementation supervision / assistance, procurement assistance, operation and maintenance service, institutional and organizational strengthening, post implementation evaluation etc.

As one of the leading consulting houses, DDC is highly diversified in expertise and specialization. DDC provides, in the most professional manner, consultancy services for a wide range of disciplines including civil, mechanical, electrical & power engineering; water resources; environmental engineering; transportation; airport engineering; physical planning; information and communication technology (ICT); education, health agriculture & fisheries; etc.

DDC maintains a roll of highly experienced professionals and skilled technical personal (around 1,300) specialized in diverse disciplines and can offer the best team for almost any project related to engineering, ICT, social infrastructure etc. Besides this, to meet any special requirement of a project, DDC can pool up the best of experts in the field from home or abroad. DDC is adequately equipped with required logistics of transports, latest survey & investigation equipment, testing equipment, laboratory, server & personal computers, licensed software etc.

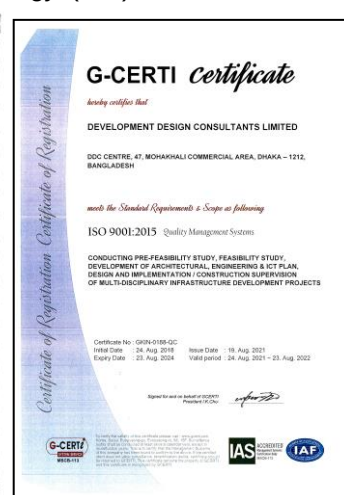
Board of Directors and Beneficial Ownership

Board of Directors		Beneficial Ownership	
Name	Designation	Name of Shareholder	Amount of Shares
A.K.M. Rafiquddin	Managing Director	A.K.M. Rafiquddin	4500 (90%)
Nilufar Rafique	Director	Nilufar Rafique	500 (10%)

Organizational Structure

The activities of DDC are managed by a Board of Directors headed by AKM Rafiquddin, the Managing Director. Presently there are as many as ten Directors in addition to the Managing Director. The Directors are highly qualified and experienced in their respective discipline, and are responsible for specific fields of activities as under:

Name and Qualification of the Directors	Designation
A.K.M. Rafiquddin B.Sc. Engg. (Civil), BUET, 1964 FIE (B), MACI (USA), MIRD, MBSI (UK), MANSI (USA), MASI (Australia), MPC (USA), MASTM (USA), MAPA, MAWS (USA), MCRESI (USA)	Managing Director
Nilufar Rafique B.Sc. Engg. (Civil), BUET, 1963; FIE (B)	Director
Md. Shahjahan Gazi B.Sc. Engg. (Civil), BUET, 1963; FIE (B)	Director Transportation Engineering
Mahbubur Rahman, PEng. M.Engg. (Human Settlements Planning & Development), AIT, Bangkok, Thailand, 1978; B.Sc. Engg. (Civil), BUET, 1964; FIE (B), MBIP	Director Environmental Studies
Dr. Azizur Rahman PhD in Technical Sciences (Hydraulics), Russia, 1981; M.Sc. Engg. (Hydrology), Russia, 1978; FIE (B), EM BPMI	Director Water Resources and Environment
Dr. Choudhury Md. Amiruddin Khan PhD in Agri. Engg., Colorado State University, USA, 1987; M. Engg. in Irr., AIT, Thailand, 1978; B.Sc. in Agri. Engg., BAU, 1974; FIE (B), FIAE (B)	Director Rural Development
Md. Saiful Alam B.Sc. Engg. (Elect.), BUET, 1982; FIE (B)	Director-in-Charge Energy, Power and Telecommunication
Jehra Zerin Master of HRM, Australia, 2005; MSS in Sociology, DU, 1998; BSS with Honours in Sociology, DU, 1996; MBBSA, MPURO	Director Human Resource, Admin. & Accounts, Building and Planning
Mahmood Taseen Chowdhury Master of Applied Finance, Monash University, Australia, 2004; M.Com (Honours in Finance and Banking), DU, 1999; FBAADU, MUAA	Director Project Management
A.K.M. Nafisuddin B.B.M., Australia, 2008	Director
A.K.M. Naimuddin B.Sc. (Sound Engineering), UK, 2012	Director & Director-in-Charge, ICT Division



DDC's technical library is by far the richest in the field in the country (20,000 reference books), and DDC owns its 13-storied corporate head quarter building in the prime location of Dhaka city.

DDC has been actively participating in a large number of projects of Bangladesh Government in the field of infrastructure development, reconstruction & rehabilitation, institutional development, ICT, health, planning, education etc. It has successfully completed a large number of projects in different sectors of development including many projects financed by the World Bank, Asian Development Bank, International Development Association, Japan International Cooperation Agency, DFID and other international organizations. These projects had been or are being carried out either independently or in collaboration with internationally reputed consulting firms resulting in a discernible improvement in the quality of consulting services with the desired emphasis on technical soundness and economic viability.

2. CORPORATE INFORMATION

Name of the Company	DEVELOPMENT DESIGN CONSULTANTS LIMITED
Head Office/Mailing Address	"DDC Centre" 47, Mohakhali C/A, Dhaka 1212, Bangladesh
Telephones	880 2 58813733, 58815231, 58810801
Fax	880 2 58810337, 9850027
E-mail	ddcon@bangla.net
Web Site	www.ddclbd.com
Type of Organization	Private Limited Company
Professional Affiliation	<i>Member:</i> - Bangladesh Association of Consulting Engineers (BACE) - Federation of Bangladesh Chambers of Commerce and Industry (FBCCI) - Bangladesh Association of Software and Information Services (BASIS) (# GE-10-07-392) <i>Registered with:</i> - Asian Development Bank (ADB) having Registration No. 000650 - World Bank (WB) having ID No. MNAR-4HS92K <i>Associated with:</i> - Technical and Consulting Development Program for Asia and the Pacific (TCDPAP) - International Federation of Consulting Engineers (FIDIC), Switzerland <i>Professional Certification:</i> - ISO 9001:2015 Quality Management Systems (# Gkin-0188-QC) - CMMI Maturity Level 3 (# UQ-2021031251) - ISO 27001:2013 (# IS-205021031309) - ISO/IEC 20000-1:2011 Management System Standard (# 2021030549)
Number and Place of Registration	Registration No. C-6315/45, 1978-1979 Registered in Dhaka, Bangladesh
Previous Registration	Development Design Consultants Partnership Firm. Regn. No. 18765-B, 1972
Income Tax GIR/TIN No.	TIN 590388604643/Circle-265 (Company)
Trade Licence	Trade Licence No. 03-089058 Renewed up to June 30, 2022
Value Added Tax (VAT) Registration No.	BIN: 001934472-0101
Year of Establishment	Originally established as a Partnership firm in 1972 (Regn. No. 18765-B-1972) and converted into Private Limited Company in July 1978

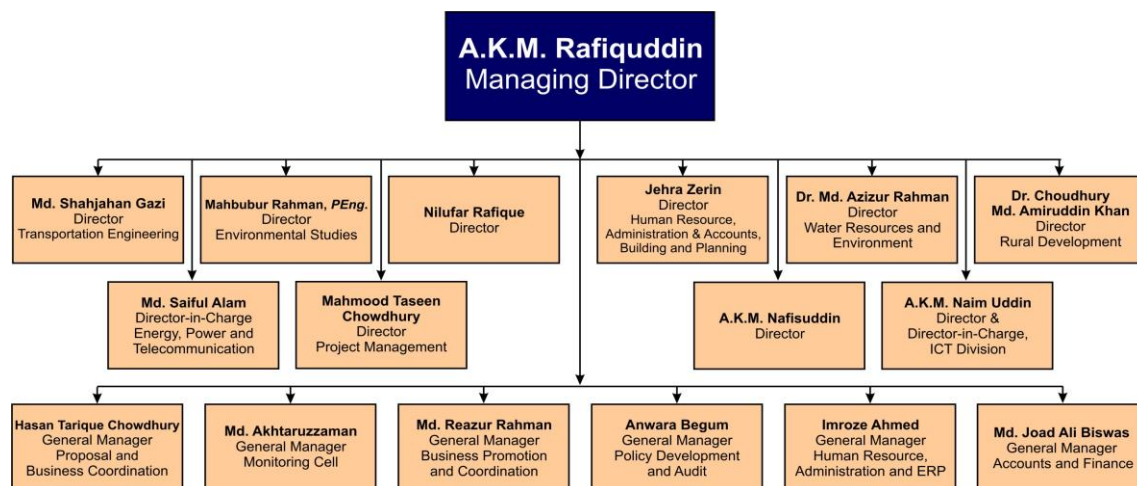
	(Regn. No. C-6315/45, 1978-1979)
Name of Bankers	Pubali Bank Limited, Laboratory Road Branch, Dhaka
	Prime Bank Limited, Mohakhali Branch, Dhaka
	Southeast Bank Limited, Mohakhali Branch, Dhaka
	Dutch-Bangla Bank Limited, Mohakhali Branch, Dhaka

3. ORGANIZATIONAL STRUCTURE

The activities of DDC are managed by a Board of Directors headed by A.K.M. Rafiquddin, the Managing Director. Presently there are as many as ten Directors in addition to the Managing Director. The Directors are highly qualified and experienced in their respective discipline, and are responsible for specific fields of activities as under:

Name and Qualification of the Directors	Designation	Years of Experience
A.K.M. Rafiquddin B.Sc. Engg. (Civil), BUET, 1964 FIE (B), MACI (USA), MIRD, MBSI (UK), MANSI (USA), MASI (Australia), MPCSI (USA), MASTM (USA), MAPA, MAWS (USA), MCRSI (USA)	Managing Director	56
Nilufar Rafique	Director	34
Md. Shahjahan Gazi B.Sc. Engg. (Civil), BUET, 1963; FIE (B)	Director Transportation Engineering	57
Mahbubur Rahman, PEng. M. Engg. (Human Settlements Planning & Development), AIT, Bangkok, Thailand, 1978; B.Sc. Engg. (Civil), BUET, 1964; FIE (B), MBIP	Director Environmental Studies	56
Dr. Md. Azizur Rahman PhD in Technical Sciences (Hydraulics), Russia, 1981; M.Sc. Engg. (Hydrology), Russia, 1978; FIE (B), EM BPMI	Director Water Resources and Environment	51
Dr. Choudhury Md. Amiruddin Khan PhD in Agri. Engg., Colorado State University, USA, 1987; M. Engg. in Irrig., AIT, Thailand, 1978; B.Sc. in Agri. Engg., BAU, 1974; FIE (B), FIAE (B)	Director Rural Development	45
Md. Saiful Alam B.Sc. Engg. (Elect.), BUET, 1982; FIE (B)	Director-in-Charge Energy, Power and Telecommunication	37
Jehra Zerin Master of Human Resources Management, Australia, 2005; MSS in Sociology, DU, 1998; BSS with Honours in Sociology, DU, 1996; MBSA, MPURO	Director Human Resource, Admin. & Accounts, Building and Planning	24
Mahmood Taseen Chowdhury Master of Applied Finance, Monash University, Australia, 2004; M.Com (Honours in Finance and Banking), DU, 1999; FBAADU, MUAA	Director Project Management	21
A.K.M. Nafisuddin B.B.M., Australia, 2008	Director	13
A.K.M. Naim Uddin B.Sc. (Sound Engineering), UK, 2012	Director & Director-in-Charge, ICT Division	09

Organization Chart

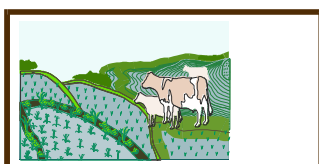


4. RANGE OF SERVICES

- Project Identification
- Techno-Economic Feasibility Studies
- Fields Surveys/Investigations (Bathymetric, Construction Materials, Geo-technical, Hydrologic, Oceanographic, Socioeconomic, Topographic, Traffic, Data/Information Needs etc.) and Analysis
- Economic and Financial Analysis
- Environmental Impact & Social Impact Assessment
- Institutional and Organizational Strengthening
- Procurement Assistance
- Planning, Detailed Engineering Design and Development, Technical Specifications and Tender Documents
- Project Management Services, Monitoring and Scheduling
- Capacity Development Professional Training
- Construction/Implementation Supervision
- Quality Control/Assurance
- Inspection and Commissioning
- Operation and Maintenance

5. FIELDS OF ACTIVITIES

The services of Development Design Consultants Limited cover a wide range of activities including pre-investment and feasibility studies, project preparation, architectural, civil and electro-mechanical engineering design, economic evaluation, contract documentation, construction supervision etc. in virtually all developmental sectors with special emphasis on the following.



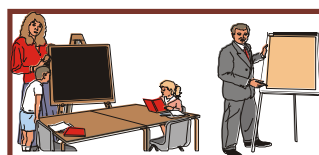
AGRICULTURAL AND RURAL DEVELOPMENT

Agro-socio-economic studies, crop evaluation, irrigation and drainage facilities, land reclamation, livestock, fisheries development, environmental protection and all infrastructure development studies including rural roads and approaches, growth centres, private and government training institutions, research stations related to agricultural, health and family welfare centre etc.



COMMERCIAL, INDUSTRIAL, PUBLIC AND PRIVATE FACILITIES

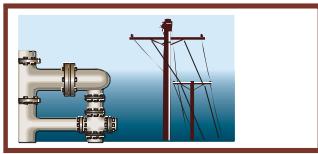
Landscaping, master planning, civil, architectural, electrical and utilities design of component structures, specifications and tender documentation, bid evaluation, construction supervision, etc. for development of medical, educational, recreational, sports, industrial, commercial and other facilities.



EDUCATION

Feasibility report for establishing institutions, detailed project report, educational planning and administration,

manpower planning and forecasting, institutional planning, sector studies, tracer studies, curriculum development, training needs assessment, etc.



ENERGY, POWER AND TELECOMMUNICATION

Power Generation, Transmission & Distributions, Substation, Telecommunication network, Electrical and Mechanical services including central A/C, telephone & Intercom systems, fire-fighting in high rise building, providing detailed services in planning, designing, specifications, priced BOQ's, bid-documents, tender adjudication and installation supervision, testing, commissioning etc.



ENVIRONMENTAL AND SOCIAL IMPACT STUDIES

Environmental and social impact studies are very important aspects for the implementation of any engineering project leading to physical intervention, infrastructure development, constructions, resettlement etc. Development Design Consultants Ltd. since its establishment in 1972 has been engaged in engineering works and development works; and has been performing environmental studies, consequence studies for engineering interventions, initial environmental examination, social impact assessment and environmental management plan with the help of its highly trained key personnel and experts. DDC has provided similar services in public works, railway, roads, water resources and various other projects in the past and is continuing in the present.



FORESTRY

Forestry, resource survey, assessment of tree density, plan and design of afforestation, forestry resource managed, review of existing afforestation programme, recommendation for suitable afforestation programme, recommendation for suitable species of trees, recommendation for institutional aspects of afforestation and tree plantation.



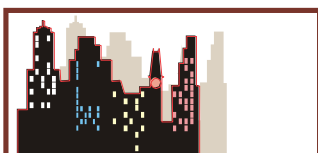
GIS & MAPPING

Geographic queries and analysis, surface modelling for volume and area calculation, network analysis, siting and sizing of infrastructure facilities, suitable mapping image processing, watershed analysis, digital elevation modelling, mapping, contouring, and global positioning survey. Databases of spatial and descriptive information are established in industry standard formats facilitates cross platform compatibility. Tailor-made macros and interfaces are developed suiting specific project need.



HEALTH SERVICES DEVELOPMENT

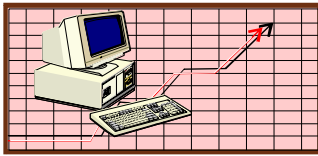
Health services planning, infrastructure and facility planning, equipment planning, furniture planning, project management etc.



HIGH RISE BUILDING / HOUSING COMPLEX

Architectural planning and structural & engineering design of the foundations, superstructure, electrical,

sanitary, gas supply and plumbing, equipment and fixtures, design of air-conditioning, ventilation, telephone & Intercom systems, firefighting systems, tender documentation, construction management and supervision of multistoried buildings and housing complexes.



INFORMATION AND COMMUNICATION TECHNOLOGY

Database design and implementation, query processing and reporting. Statistical analysis with database. Tailor made programs and user interface for clients having special requirements. Database of descriptive items are sometime tagged with GIS for a more comprehensive analysis and reporting depending on the requirements of the projects.

Application programmes and developed as required by projects time to time using Database Management Systems like FoxPro, MS-Access, Oracle etc. We have also expert Programmers who can develop Applications in Visual Basic, C++, Pascal etc.

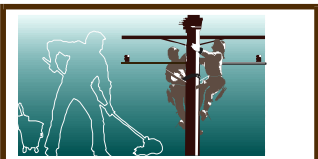
Design, installation, configuring and maintenance of Local Area Networking, Wide Area Networking under Windows NT/Windows 2000 using Dialup Networking and Radio Linking.

DDC owns a modern and well-equipped hardware section with a group of highly qualified and well-trained hardware experts. DDC provides expert services in repairing, servicing, maintenance and installation of computer, printer, plotter, digitizer and all other related peripherals. Also expertise in designing control system, switching system and customization of existing system for all types of relevant equipment.



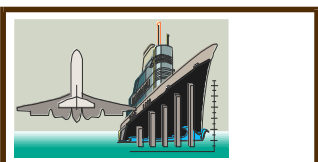
MANAGEMENT AND TRAINING

Institutional management, financial management, budget planning, evaluation and conducting training programs, arranging workshop, seminars etc.



MUNICIPAL SERVICES

Municipal services engineering relating to water supply and sewerage, urban roads, drainage, solid waste disposal etc.



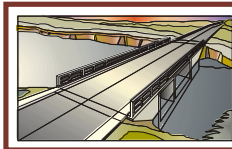
PORTS, HARBOURS AND AIRPORTS

Water and air transportation planning and studies, river and marine structures, ware-houses, transit sheds, equipment and terminal buildings for general cargo and special services facilities, ferry terminals, landing facilities, pontoons, gangways, approaches hangers, runways etc.



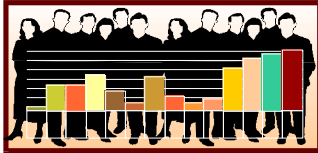
REAL ESTATE DEVELOPMENT

Business survey, project identification, project appraisal, project plan, cost benefit analysis, design, marketing and implementation etc.



R ROADS, HIGHWAYS, RAILWAY AND BRIDGES

Road, railway transportation planning and studies, traffic survey, condition survey, O-D survey, axle load survey, feasibility studies, engineering design of rehabilitation and new works, cost estimating and construction management and supervision of roads, railways, bridges and allied structures including embankments, retaining walls, culverts, cross drainage structures, under passes, over passes on national and regional highways, feeder and rural roads etc.



S SOCIO - ECONOMIC STUDIES

Socio-economic studies and surveys are a pre-requisite in today's infrastructural development projects. As DDC is one of the leading engineering firm of the country, it has a highly trained personnel in the multi-disciplinary field of socio-economics to conduct a wide range of studies and surveys. The services range from surveys, socio-economic evaluation of the needs, economic viability to post evaluation of a project.



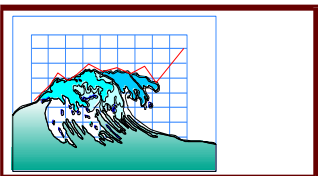
T TOURISM DEVELOPMENT

Overall planning of tourist resorts involving site selection, approach studies and design of infrastructure facilities, hotel and motel design.



U URBAN DEVELOPMENT

Land use planning, design of landscaping and preparation of master plan involving infrastructures, residential, commercial and industrial, educational and medical facilities, food storage facilities in urban areas and town planning etc.



W WATER RESOURCES DEVELOPMENT

Pre-investment and feasibility studies of water resources development projects, surface water conservation and utilisation, ground water development and exploitation, water resources evaluation, water management, hydrological and meteorological studies, hydraulic analysis, river engineering, flood control and drainage, irrigation and water management, bank protection, river training, flood forecasting & monitoring, flood analysis; design of hydraulic and foundation of structures, design of dams, barrage, canal head works, spillways, pipe spillways, apron, weirs, flumes, sluices and under sluices, culverts, pumping stations, canals, navigation lock, gates, sluice gates, hydropower development, shore protection; retaining wall, sea walls, groynes, mound, jetties; planning, design, construction supervision of ports/harbours, irrigation, drainage and flood control projects, embankments and polders; monitoring and evaluation of irrigation, water management, distribution, drainage and flood control projects.

6. PROFESSIONALS AND SUPPORT STAFF

Development Design Consultants Limited (DDC) maintains a roster of around one thousand seven hundred ninety five (1,795) staffs including around one thousand three hundred (1,300) highly experienced professionals and skilled technical personnel specialized in diverse disciplines and can offer the best team for almost any project related to project activities. Besides, to meet any special requirement of a project, DDC can pool the best experts in the field from home or abroad. The table below summarizes DDC personnel by discipline.

Number of Professionals and Technical Personnel

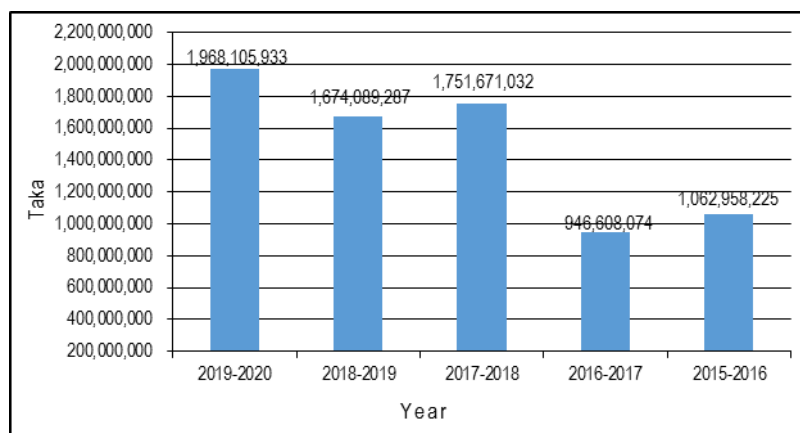
(As on January, 2020)

A. Professional Staff	Nos.
Structural / Bridge / Railway Bridge Engineer	53
Highway / Road / Pavement / Transportation / Road Safety Engineer	15
Traffic Management Engineer / Planner	6
Geo-technical / Foundation / Soil Engineer	17
Railway Engineer / Track Engineer	12
Material / Laboratory Engineer	8
QS / QCE / Cost Estimation Engineer	42
Procurement / Construction Management Specialist / Contract Specialist / Engineer	12
Financial Specialist / Financial Management Expert / Institutional Development Specialist	11
Architect	17
Urban / Town Planner / GIS Expert / Mapping Engineer	29
Transmission Line / Substation / Distribution / Electrical / Mechanical Engineer	25
Hydrological / Hydrologist / Plumbing / Drainage / Solid Waste / Water Supply and Sanitation Engineer / Embankment Engineer / River Training	10
Agronomist / Sociologist / Demographer / Educationist / Economist / Transport Economist / Re-settlement Specialist	21
Signal / Telecommunication Engineer	7
Management / Project Management Specialist	6
IT / Computer / MIS / Software Programmer / Data Analyst / Analyst Programmer	45
Environmental Expert / Engineer / Health & Safety Expert / Safeguard Expert / Engineer	25
Construction Supervision Engineer / Architect (Road, Bridge, Railway, Building, Transmission Line, MEP, Water Resources, Water Supply etc.)	491
Training Coordinator / Facilitator	2
Sub-total	854
B. Technical Staff	
Construction Supervisor (Diploma in Civil / Electrical / Mechanical etc.)	257
Survey Engineer	6
Topographic Surveyor	2
Laboratory Technician	40
Field Surveyor / Socio-economic Enumerator / Safety Inspector	16
CAD Technician / CAD Operator / Draftsman	81
Digitizing / Scanning Technician	8
Computer Operator / Data Entry Operator	51
Sub-total	461
C. Administrative and Supporting Staff	
Office Administration	82
Accounts Section	34
Secretary / Receptionist	22
Work Assistant / Laboratory Assistant / Office Assistant	62
Reproduction / Printing Operator	9
Driver, Messenger, Office Boy, Cook, Cleaner etc.	271
Sub-total	480
Grand Total (A+B+C)	1,795

7. FINANCIAL STRENGTH

DDC is also financially capable of undertaking any size of projects (Consultancy) in Bangladesh. The Company's annual turnovers for the last 5 years are shown below:

Financial Year	Amount (Tk.)
2019 – 2020	1,968,105,933
2018 – 2019	1,674,089,287
2017 – 2018	1,751,671,032
2016 – 2017	946,608,074
2015 – 2016	1,062,958,225
Total:	7,403,432,551



Note: The figures above are inclusive of Tax & VAT and revised as per financial reports provided by the independent Auditor. The assessment of Financial Year 2020-2021 is under progress.

8. LOGISTIC FACILITIES

OFFICE SPACE

Development Design Consultants Limited (DDC) possesses the following own Offices including its Corporate Head Quarter at “DDC Center”, 47 Mohakhali Commercial Area, Dhaka-1212, Bangladesh. Also DDC maintain the project offices spread throughout the Country.

DDC Centre-1: 47, Mohakhali C/A, Dhaka-1212	46,800 Sft.
DDC Centre-2: 44, Mohakhali C/A, Dhaka-1212	65,000 Sft.
Soil and Materials Testing Laboratory: 63, New Eskaton Road, Dhaka-1000	3,000 Sft.
Garage & Workshop: 63, New Eskaton Road, Dhaka-1000	30,000 Sft.
Apan Nibash, Flat No. 3, Block-E, Nasirabad, Chittagong	3,000 Sft.

TECHNICAL AND REFERENCE LIBRARY

The technical library at DDC is one of the most complete technical libraries in the country. It contains over 20,000 selected reference books. The collection is continuously being developed to meet the foreseeable requirements of the users.

Major classifications include:

- Manuals for Operating Systems, Application Software, Network Software, Network Design, Hardware Maintenance, Trouble Shooting, Utilities, Antivirus.
- Standard manuals and codes for buildings, bridges, materials, design and construction.
- Reference and textbooks in the architectural and technical engineering areas.
- Related reports, documents and maps.
- Manuals and guidelines for socio-economic and environmental surveys, analysis and monitoring.

The DDC Library is now installing its automation system using Customized Library Management Software. This is expected to be the first on-line automated library operation system introduced among consulting firms in Bangladesh. The library will utilize a computerized database circulation system for record keeping, reservation and searching by the users from a distant station through network. The



system will have the capability of maintaining an on-line system providing a rich option of MIS reports. It also will have the capability to generate Bar Code identification tags both for books and users. The Library database will be functional not only from terminals of the Library but also from 150 terminals spread over the DDC Centre through a LAN, which is connected with the main server of the DDC Information Services. The rapid growth in the collection, professional competence and interest of the library staff and professionals, the utilization of the latest techniques in providing efficient service and the active cooperation of the Library staff, all work together to assure all user groups of DDC the finest library assistance available.

COMPUTER HARDWARE AND PERIPHERAL FACILITIES

DDC maintains a large up of computer hardware and peripherals including high-end servers, PCs, printers, plotters, scanners, digitizers, geographic survey equipment etc. as list below:

Sl. No.	Name of Hardware	Quantity (No.)
1.0	Server (NAS, Tower, Rack)	05
2.0	Computer (Desktop, 3D, Simulation)	550
3.0	Laptop	50
4.0	Printer (A3, A4, Multifunction)	70
5.0	Plotter (Multifunction)	04
6.0	Scanner (Flat bedded, Book Scanner)	25
7.0	Others Peripherals (Ext. HDD, Ext. DVD, Pen Drive, Converter etc.)	200
7.1	Digital Camera	20
7.2	Voltage Stabilizer	20
7.3	UPS	550
7.4	Online UPS	02
7.5	Network Accessories (Router, Switch, MC, Rack, Firewall)	100

SOFTWARE FACILITIES

DDC has good collection of software including licensed operating system, licensed database software, licensed GIS software etc.

Sl. No.	Name of Software and Version
1.0	Operating System
1.1	Windows 7, 10 Home and Professional Edition
1.2	Windows 2012, 2016, 2018 Server
2.0	Programming Language
2.1	C, Python, C#, C++
2.2	Visual BASIC, Visual C, Visual C++, VB.Net
2.3	Java, Joomla, Drupal, WordPress, WordPress MU, OpenCart, PrestaShop, osCommerce, Magento
2.4	NodeJS
2.5	Perl
2.6	BASH
3.0	Database Management
3.1	Oracle 11g, 12c, Jdeveloper, PL/SQL Server Pager, MYSQL, SQL Server 2008, 2012, 2014, 2017
3.2	Oracle Power Object
3.3	DynamoDB, SQLite
3.4	MongoDB, Ruby
4.0	Web Developing and Reporting Tools
4.1	Java Script, PHP, AJAX, XHTML, XML, Flash ActionScript, jQuery, Adobe Flex VB.Net, Jbuilder HTML5, CSS3, Jasper Report, Crystal Reports, Jfree Report, RDLC, Active Data Report, BIRT
5.0	Office Suit
5.1	MS Office 2013, 2016, 2019, Office Home and Business
5.2	CorelDraw CS6, DocuWorks 9, MS Visual Studio.Net 2016
5.3	Acrobat Standard DC
6.0	Statistical Analysis

Sl. No.	Name of Software and Version
6.1	SPSS
7.0	Project Management and Monitoring
7.1	Primavera Project Planner, Primavera P6 EPPM, Flowcharter
7.2	MS Project 2016
8.0	Presentation Software
8.1	MS Power Point
8.2	Harvard Graphics
9.0	Computer Aided Engineering
9.1	ACECOMS Software
9.2	ACECOMS GEAR
9.3	Staad Pro Advance
9.4	HDM III
9.5	MicroFEAP II
9.6	SAP 80 XETAB
9.7	SB-Slope
9.8	ELE Suit of Software
10.0	Computer Aided Design and Drawing
10.1	BIM 360 Docs - Packs - 100 Subscription CLOUD Commercial New
10.2	AutoCAD 2016/2018/2020 (Licence Copy)
10.3	TILOS 1 user network
10.4	SketchUp Pro
10.5	Engineer's Studio® Ver.9 Advanced
10.6	PyroSim (Standard Perpetual License)
10.7	Pathfinder
10.8	APS Railway BIM
10.9	Architecture Engineering & Construction Collection IC Commercial New Single
10.10	Viswalk
10.11	3ds Max 2020 Commercial New Single, PLAXIS 3D Suite
10.12	Crystal Kaleidoscope
10.13	Standard TransCAD
10.14	spColumn, WinPierR
10.15	TUBA
10.16	SES Simulation Program
11.0	Geographic Information System (GIS)
11.1	ArcGIS Advance including ArcGIS 3D Analyst, ArcGIS Spatial Analyst, ArcGIS Geo-statistical Analyst
11.2	Arc SDE 8
11.3	ArcView
11.4	PC TIN
11.5	ArcCAD
11.6	AutoCAD MAP
11.7	IDRISI
11.8	MapInfo
11.9	Antivirus (Trend Micro Enterprise Security for Endpoints, ESET, Kaspersky)
12.0	Mobile and Wireless
12.1	Android, Embedded VC++, Windows Mobile, iPhone, J2ME, BlackBerry, Appcelerator, PhoneGap
13.0	EAI Technologies
13.1	JMS, SOAP, WSDL, REST, TCP, ISO8583, AS2
13.2	UML, Agile Modeling, Rational Rose, Visio, SmartDraw
14.0	Quality Assurance Tools
14.1	MantisBT, Selenium, BugZilla, Jira
15.0	Frameworks
15.1	Entry, MVC, QT++, MFC, dot NET, Kendo, Ext JS, Codeigniter, Play!, Grails

TRAINING AND PRESENTATION FACILITIES

In the 13-storied DDC corporate Head Quarter building, there is well furnished conference/training room for conducting conference, training etc. The room can accommodate 30 persons at a time. The room is designed in such a fashion that each and every person can use a PC separately and independently. There are several sophisticated multimedia projectors for use in the training.

The list below shows the training and presentation aids DDC provides.



Sl. No.	Name of Hardware	Brand/Model No.	Quantity (No.)
1.0	Training		
1.1	Video Projector	Hitachi 3200 & 4200 ANSI LUMENS	04

PHOTOCOPIER AND PRINTER

Model (Colour, Black and White)	Quantity (No.)
Digital Photocopier (Multifunction):	
Toshiba e-Studio 2000AC	01
Toshiba e-Studio 2550C	02
Toshiba e-Studio 3005AC	01
Toshiba e-Studio 2006, 2007, 2307, 2309 A, 455, 243, 257, 3008 A, 3018 A	30
Cannon IR 2022	01

ENGINEERING SURVEY EQUIPMENT

Survey section is fully equipped with necessary equipment and instruments. At least 20 teams can conduct engineering survey simultaneously with modern survey equipment. The survey equipment includes, among others

• Geographic Survey Equipment – 14 nos.	• Theodolite – 19 nos.
• Total Station – 02 nos. with accessories	• Leveling Instrument – 23 nos.
• RTK GPS/GPS – 05 nos. with accessories	• Echo Sounder – 02 nos.
• EDM Theodolite – 03 nos.	

SOILS AND MATERIALS TESTING LABORATORY

Geotechnical and Material Laboratory is a specialized laboratory for all sorts of engineering tests including exploration, data collection, data processing and report preparations. A brief on the works and laboratory facilities are given below:

Field Exploration and Testing:

DDC has several units of field exploratory and testing equipment such as rotary and percussion drilling apparatus with all necessary accessories to perform borings, SPT, disturbed / undisturbed sampling etc. in accordance with ASTM/BS standard. The field unit has also the facilities of Cone Penetration Test (CPT), Benkelman beam deflection test, plate bearing test, axle load test, auger boring test, Dynamic Cone Penetrometer (DCP) test, field density test, field vane shear, soil resistivity test, non-destructive in-situ strength test of concrete (rebound method), torvane shear test, pocket penetrometer test etc. For field exploration and testing about 25 experienced engineers, geologists, drillers, supervisors and helpers are employed full time.

Laboratory Facilities:

DDC has about 7,800 sft. area of laboratory building equipped with well expensive type of equipment such as universal load frame for unconfined compression test and CBR test, triaxial shear test, consolidation test, unit weight test, direct shear test, sand equivalent test, Atterberg limit test, sieve analysis including hydrometer test, natural water content test, organic content test, compaction (standard and modified) test, California

Bearing Ratio (CBR) test etc. The laboratory has also construction materials testing facilities for mix design of concrete, compressive strength and slump test of concrete, gradation of fine and coarse aggregate, unit weight, AIV, ACV, LAA, flakiness index test etc. The equipment and tests are run by a set of well trained and experienced professionals and technicians. The laboratory can organize planning and control the soil and construction material testing programs to suit the nature of any project or study.

Total thirty five (35) professionals, technicians and supporting staffs in the central laboratory perform the field and laboratory tests of geotechnical engineering and prepare the geotechnical engineering reports based on the results of the field and laboratory tests. In the laboratory, for computation and reporting purposes, reliable computer software are used to perform the following test programs:

• Atterberg limit test program	• Consolidation test program
• California bearing ratio (CBR) test program	• Direct shear test program
• Unconfined compression test program	• Compaction test program
• Triaxial test program	• Grain size analysis including hydrometer test program

TRANSPORTS

A large fleet of transports of all sorts are maintained by the company. Besides its own fleet, additional vehicles can be arranged as and when required. The numbers of transports are as follows:

Car	26
Microbus	21
Pick-up	10
Jeep	15
Motorcycle	56

9. BUSINESS DOCUMENT

Business documents such as **BACE Membership Certificate**, Certificate of Incorporation, Trade License, Taxpayer's Identification Number (TIN) Certificate, Income Tax Clearance Certificate, VAT Registration Certificate, ISO Certificate, Certificate of Appreciation from IEB, **Sector Review by the Swedish Federation of Architects and Consulting Engineers indicating DDC's Position in the World** and Printed Brochure are presented in **Annexure-A: Business Documents of the Firm.**