

CURRICULUM VITAE

01. PROPOSED POSITION Auto CAD Operator
02. PROFESSION Auto CAD Professional
03. NAME Md. Fahim Uddin Khan
04. DATE OF BIRTH September 17, 1970
05. MOBILE 01724-307879; 01912-920076
06. EMAIL ID fahim1967@gmail.com



07. EDUCATION Diploma in Power Engineering (Electro-Mechanical) obtained First Division from Dhaka Polytechnic Institute in 1992

08. TRAINING RECEIVED Completed Spoken English Course from Genuine Tutorial for 3 Months at Dhaka in 1989

Diploma in Computer Science (Completed 4 months out of 6 months) from NYTA at Dhaka in 1995

Received training on Windows 3.1 and MS Word 6.0 for Two months at Dhaka in 1995

09. SOFTWARE LITERACY

Drafting & Design:	Application:	Operating:	Internet Browsing:	Typing:
Auto CAD 2020	MS Word	Windows 10	Google; Yahoo	English & Bengali
SW-DTM	MS Excel	Windows 7		

10. LANGUAGE KNOWN

Language	Speaking	Reading	Writing
Bengali	Fluent	Excellent	Good
English	Basic	Good	Basic

11. KEY QUALIFICATIONS

Possess 27 years 01 month working experience as an Auto CAD Professional on 42 Projects in the field of Water supply & Sanitation; Rural and Urban Infrastructure Development; Municipal Services; Drainage & Sewerage Development; Irrigation, Flood Control & River bank protection; City and Town master plan; Building Construction; Institutional Development etc.

Successfully completed 38 Projects of Government of Bangladesh under the Department of Public Health Engineering (DPHE), Local Government Engineering Department (LGED), Khulna Development Authority (KDA), Dhaka Water Supply & Sewerage Authority (DWASA), Chittagong Water Supply & Sewerage Authority (CWASA), Rajshahi Water Supply & Sewerage Authority (RWASA), Bangladesh Water Development Board (BWDB), Sylhet City Corporation (SCC), Dhaka North City Corporation (DNCC) and Bangladesh Economic Zone Authority (BEZA); 2 Projects for Cambodia and 2 Jobs for Local private company in Dhaka.

Participated in the meeting and workshop and visited site when and where required. Worked with foreign consultants Dutch, France, USA, Turkish and Korean

12. EMPLOYMENT RECORD

Employer: Institute of Water Modelling (IWM)

Period: April 2010 to Feb 2022

Position and Responsibility: Auto CAD Expert

Was responsible for drawn & preparation of **Detail Design Drawings** (Architectural, Civil, Structural, Mechanical and Electrical) and **Conceptual Design Drawings**:

Detailed Design Drawing

- **Ground Water Treatment Plant:** Site Layout Plan, Process diagram, Hydraulic grade line, Production Well, Primary Collector, Iron Removal Plant, Clear Water Reservoir, Over Head Water

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Tank, Over Ground Reservoir, Pump House, Chlorine Building, Filter Piping arrangement, Backwashing Piping arrangement, Backwash water holding tank, Sludge drying bed, Generator Building, River/channel crossing structure of pipeline, Electric Building, Office Building.

- **Surface Water Treatment Plant:** Site Layout Plan, Process diagram, Hydraulic grade line, Intake Pump Station, Intake Channel details, Treated Water Pump Station, Mixing Chamber, Flocculator, Sedimentation Basin, Filter Bed, Piping Gallery, Filter piping arrangement, Backwashing Piping arrangement, Treated Water Reservoir, Electric Room, Chlorine & Chemical Building, Waste Water Regulating Tank and Sludge Lagoon.
- **Sewerage System:** Sewerage Master Plan, Sewerage Pumping Station, Manhole and Public Toilets.
- **Drainage System:** Drain, Road side drain with utility, Canal, Bridge, Box Culvert etc.
- **Irrigation, Flood Control & River Bank Protection:** Head works, Head regulator, Cross regulator, Intake structure, Check structure, Canal crossing structure, River bank revetment, Embankment and Hoar management.
- **Building Construction:** Administrative Building, Public Building, Officer's and Staff's Quarter, Guard Room etc.
- **Standard Details Drawing:** Drawing for installation of PVC, MS & DI pipes, Sluice & Non-return valves, Thrust block, Washout valve and other water supply related equipment's, Boundary wall, Fence and Gate.

Conceptual Drawings:

- **Water Treatment Plant and its Components:** Site layout plan, Raw & treated water pump station, Mixing chamber, Clarifier, Filter, Treated water reservoir, Workshop, Admin building, Chemical building, Lime & Chlorine building, Waste water recovery, Sludge pump, Dewatering sludge building, Sludge Thickener, Coagulator, Lagoon, Generator building, Substation, Electric building, Staff quarter building, Raw and Treated Water Pipelines and Guard room.
- **Intake Pump Station of Water Treatment Plant:** Site layout, Cross section of Intake channel, River bank protection and Electrical circuit diagram.
- **Booster Pump Station of Water Treatment Plant:** Site plan, Office building, Treated water pump station with CWR, Generator house, Chlorine building, Electric room & Circuit diagram.

Employer: AQUA Consultant & Associates Ltd.

Period: Sep 1996 to Oct 2009

Position and Responsibility: Auto CAD Technician

Engaged to drawn & preparation of **Detail Design Drawings** (Architectural, Civil, Structural, Mechanical and Electrical), Institutional development and others activities of various components of different projects:

- **Ground Water Treatment Plant:** Site Layout Plan, Process diagram, Hydraulic grade line, Production Well, Iron Removal Plant, Clear Water Reservoir, Over Ground Reservoir, Over Head Water Tank, Slow Sand and Roughing Filter, Transmission and Distribution Water Pipeline.
- **Drainage System:** Primary, Secondary and Tertiary Drain; Manhole (Plan, Cross Section and Long Profile).
- **Municipal Services:** Road, Pond Sand Filter, Dug Well, Community Latrine, Street Hydrant, Public Toilet etc.
- **Infrastructure Development & Improvement:** Road, Bus terminal, Ghat on the bank of river and lake, RCC Foot Bridge, Traffic management system, Bridge and Culvert, District & Thana Master Plan etc.
- **Standard Details Drawing:** Drawing for installation of PVC, MS & DI pipes, Sluice & Non-return valves, Thrust block, Washout valve and other water supply related equipment's, Boundary wall, Fence and Gate.

- Assisted to prepare Operation & Maintenance manual, Training manual, Work shop material, Pre-qualification, Expression of Interest, Technical Proposal, Tender document, Engineering estimates, Technical specification, Technical report, engineering report etc.
- Involved to make 'data entry' of Socio-economic & House hold survey data of different projects.
- Monitoring of materials and equipment test delivered by contractor & supplier, File management. Provided Secretarial & Technical support to High Official

Employer: Multi-Com Business Centre

Period: Jan 1996 to Aug 1996

Position and Responsibility: Computer Instructor-cum-Operator

Was responsible for providing the software training to the trainees on Windows 3.1, MS Word & MS Excel and engaged to preparation & composed of commercial document both in English and Bengali.

Employer: Flying Bird International

Period: Mar 1993 to June 1994

Position and Responsibility: Site Supervisor

Was responsible for monitoring the piling, construction works and checking the submitted bills of contractor of 5 storied residential building at Rupnagar R/A, Pallabi, Dhaka.

13. MAJOR COMPLETED PROJECTS AND ASSIGNMENTS THE BEST ILLUSTRATES

Name of project: Detail Design of Surface Water Treatment Plant for Sylhet City Corporation Option-II

Year: Dec 2021 to Feb 2022

Location: Sylhet

Client: Sylhet City Corporation (SCC)

Position: Auto CAD Expert

Main Project Feature: To develop the sustainable surface water supply to Sylhet city area

Activities performed: Engaged to the preparation of the detail proposed Site Layout plan, plan and sectional elevation of Coagulator (Mixing Chamber), Clarifier Unit, Filter Bed, Sludge Thickener and Dewatering Sludge Building of Water Treatment Plant.

Name of project: Establishment of Bangabandhu Sheikh Mujibur Rahman Maritime University Campus in Chattagram

Year: Mar 2020 to Feb 2021

Location: Chittagong

Client: Bangabandhu Sheikh Mujibur Rahman Maritime University

Position: Auto CAD Expert

Main Project Feature: To Establish Bangabandhu Sheikh Mujibur Rahman Maritime University

Activities performed: Engaged to preparation of Cross Sections of Embankment and Typical Details of Embankment Cross Section.

Name of project: Feasibility Study and Design of Water Supply from Mohara to BSMEZ

Year: Feb 2020 to Feb 2022

Location: Chittagong

Client: Bangladesh Economic Zone Authority (BEZA)

Position: Auto CAD Expert

Main Project Feature: To ensure the sustainable water supply in Bangabandhu Sheikh Mujib Shilpa Nagar Economic Zone

Activities performed: Engaged to preparation of General Layout Plan of Proposed 140 MLD Surface Water Treatment Plant at Mohara (Phase-II) Option-I, II & III; Booster Pump Station at BSMSN area and Station at Sitakunda; General Layout Plan of Proposed Sludge Thickener for Existing WTP (Phase-I) and Proposed WTP (Phase-II).

Name of project: Detail Study on Total Water Demand and Water Availability Assessment for Bangabandhu Sheikh Mujib Shilpa Nagar

Year: Nov 2018 to Feb 2022

Location: Chittagong

Client: BEZA

Position: Auto CAD Expert

Main Project Feature: Ensure the sustainable water supply in Bangabandhu Sheikh Mujib Shilpa Nagar

Activities performed: Engaged to preparation of Conceptual Drawing for Option-I: **Intake Pump Station:** Site Layout Plan, Sectional Elevation and Electrical Single Circuit Diagram of Intake Pump Station.

Water Treatment Plants & its components: Mixing chamber, Flocculator, Sedimentation basin, Filter bed, Backwash/Piping gallery, Filter piping arrangement, Backwashing Piping arrangement, Treated water reservoir, Treated water pump station, Electric room, Waste water regulating tank, Sludge lagoon, Chlorine & Chemical building, Office building, Officer's & Staff's quarter, Guard room, Electric Diagram of WTP and Service Drop.

Option-II: Plan view and sectional elevation of Raw Water Inlet Pump Station, Coagulator, Clarifier unit, Filter Bed, Sludge Thickener, Dewatering Sludge Building and Site Layout of WTP.

Name of project: Expansion of Drainage Network and Development of Canals in Dhaka City Project

Year: Feb 2019 to Sep 2019

Location: Dhaka

Client: Dhaka Water Supply & Sewerage Authority (DWASA)

Position: Auto CAD Expert

Main Project Feature: For developing the sewerage system of Dhaka City

Activities performed: Engaged to prepare the layout drawings for Construction of Storm Sewer Line in East Sides of Rokeya Sarani from Mirpur Circle 10 to Taltola and Mirpur Circle 10 to Mirpur-14. Catch pit details, Storm sewer pipe inlet details & Reinforcement details of 2mØ/2.2mØ Sewer Pipe.

Name of project: Water Supply Scheme to Implementation in Thirty Towns of Bangladesh (Contract Pkg. S-01)

Year: Oct 2018 to May 2019

Location: All over Bangladesh

Client: Department of Public Health Engineering (DPHE)

Position: Auto CAD Expert

Main Project Feature: To develop water supply system in Pourashava Towns

Activities performed: Responsible for preparation of detailed design drawing of Over Head Water Tank, Water Treatment Plant, Pump House, Office Building and Standard Drawing for the Pourashava of Senbagh, Madhupur, Debidwar, Ramgati, Islampur, Taherpur, Nachole, Barlekha, Kamalganj and Tarabo.

Name of project: Feasibility Study with Detail Design of Surface Water Treatment Plant for Sylhet City Corporation.

Year: Feb 2017 to Oct 2018

Location: Sylhet

Client: SCC

Position: Auto CAD Expert

Main Project Feature: To develop the sustainable water supply to Sylhet city area

Activities performed:

Detailed Design Part: Engaged to preparation of the detailed design drawings (civil, architectural, structural, mechanical & electrical) of the followings:

General: Site Layout plan of raw water Intake pump station (IPS) and water treatment plan (WTP); Process diagram and Hydraulic profile, Drainage Site Plan for WTP etc.

Intake Pump Station and its components: River Bank Protection, Intake Channel and Intake Pump Station.

Water Treatment Plants & its components: Mixing chamber, Flocculator, Sedimentation basin, Filter bed, Backwash/Piping gallery, Filter Piping arrangement, Backwash Piping arrangement, Treated water reservoir; Treated water pump station, Electric room; Waste water regulating tank, Sludge lagoon, Chlorine & Chemical building, Office building, Officer's & Staff's quarter, Guard room, etc.

Standard Details: Boundary Wall, Entrance Gate, Road Pavement for IPS and WTP.

Feasibility Study Part: Responsible for drawn and preparation of the followings:

Raw water Intake Pump Station and its component: Site layout plan and longitudinal section of raw water pump station; section of intake channel.

Water Treatment plant and its component: Site layout plan of WTP; Plan and section of mixing chamber, Flocculation basin, Sedimentation basin, Filter bed, CWR, Waste water recovery, Lagoon, High lift pump house, Chlorine building, Chemical building, Generator building, X-Former and panel

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board, Admin Building, Staff quarters, Officers' quarter, Guard room, Process diagram & Hydraulic profile etc.

Standard details of TPL X-section, Valve chamber, Washout, Air valve chamber, PRV flow meter, Pipe Installation & Surface water inlet chamber.

Name of project: Feasibility Study and Planning, Designing & Cost Estimating for Construction and Improvement of Roads, Drainage and Footpath Infrastructure for Newly Included 18 (Eighteen) Wards

Year: Apr 2017 to Sep 2017

Location: Dhaka

Client: Dhaka North City Corporation (DNCC)

Position: Auto CAD Expert

Main Project Feature: Improvement the roads and drainage system of proposed areas of the project.

Activities performed: Responsible for preparation of Plan, Cross section and Structural details of storm water drain, Sewer line, Main sewer line; Typical section & Structural details of drainage Khal & Open drain; Plan & cross section of road; Section different Khal etc.

Name of project: Feasibility Study for Mitigation of Drainage Congestion & Water Logging in Sylhet Metropolitan Area

Year: Feb 2017 to Aug 2017

Location: Sylhet

Client: Bangladesh Water Development Board (BWDB)

Position: Auto CAD Expert

Main Project Feature: Mitigation of drainage congestion & water logging in Sylhet metropolitan area.

Activities performed: Drawn the plan, Section and reinforcement details of 1 & 2 vent box culverts over canal. Site layout, Plan and section of drainage pump station.

Name of project: Technical Study of Flood Control & Drainage Development at Dhaka Circular Road (Dhaka Eastern Bypass) Project

Year: Oct 2016 to Jan 2017

Location: Dhaka

Client: BWDB

Position: Auto CAD Expert

Main Project Feature: Save the Dhaka city from flood affection and to develop the road network

Activities performed: Responsible for drawn Cross section & Long profile of 15 Khal; Site layout, plan & Sectional elevation of drainage pump station in five locations; Site layout and section of embankment, Plan and section of Regulator in eleven locations under the project.

Name of project: Feasibility and SEIA Study for Expansion of Drainage Networks and Development of Canals in Dhaka City

Year: July 2016 to Dec 2016

Location: Dhaka

Client: DWASA

Position: Auto CAD Expert

Main Project Feature: To develop the drainage system and existing canal of Dhaka city

Activities performed: Involved to drawn of layout map, Cross section and Long profile of canal; Plan & section of box culvert, Bridge and retaining wall of Zone-1 (Rupnagar, Zoo, Arambagh, Duaripara, Abdullahpur, Ibrahimpur, Baunia, Digun, Mirpur housing, Baishteki-Shangbadik, Abdullahpur, Baunia, Uttara Diabari Khal & Zone-2 (Katasur, Kallayanpur "Ka", "Kha", "Gha", "Uma", "Cha", "Main", Hazaribagh (North) & Mirpur Diabari Khal).

Name of project: Haor Flood Management and Livelihood Improvement Project (BWDB Part)

Year: Mar 2016 to June 2016

Location: North part of Bangladesh

Client: BWDB

Position: Auto CAD Technician

Main Project Feature: To protect Flood and Livelihood improvement in different Haor

Activities performed: Responsible for preparation of Site layout plan of proposed Regulator, Causeway & Pipe Sluice of Chandpur haor, Nunnir haor, Dakhsiner haor, Boro haor, Badla haor, Noapara haor & Naogaon haor under the project; Long profile of Nunnir & Suniar haor; Cross section of Nunnir haor

Name of Project: Dhaka Environmentally Sustainable Water Supply Project

Year: Nov 2015 to July 2017

Location: Dhaka

Client: DWASA

Main Project Feature: To develop and extend the water network system in Dhaka city

Position: Auto CAD Technician

Activities Performed: Engaged to draw the detailed design of network: Node sketches for main pipe and reticulation pipe of area DMA 603, 604, 609, 612, 601, 608, 610, 613 and 611.

Name of Project: Feasibility Study of Surface Water Treatment Plant for Rajshahi WASA

Year: Feb 2015 to Oct 2015

Location: Rajshahi

Client: Rajshahi Water Supply & Sewerage Authority (RWASA)

Main Project Feature: To build up a treatment plant for supplying surface water in Rajshahi City from Ganges River

Position: Auto CAD Technician

Activities Performed: Responsible for outline drawing (plan, elevation & section) of **Intake Pump Station and its components** (Site plan, Plan & section, River bank protection and Electrical circuit diagram);

Water treatment plant and its components (Site layout plan, Mixing chamber, Chemical building, Clarifier, Filter bed, Treated water reservoir, Pump house, Chlorine building, Lagoon, Waste water recovery, Electric building, generator house, Office building, Officers quarter, Staff quarter, Guard house, Workshop and Electrical circuit diagram);

Booster pumping station & its components (Site layout plan, Treated water reservoir, Pump house, Chlorine building, Power plant, Generator house, Office building, Guard house & Electrical circuit diagram); Standard drawing of pipe line installation system.

Name of Project: Feasibility & SEIA Study for Land Acquisition & Development of Acquisition Portion of Hazaribagh, Baishteki, Kurmitola, Manda & Begunbari Khal

Year: Nov 2014 to Mar 2015

Location: Dhaka

Client: DWASA

Main Project Feature: To develop & generate the sewerage system of Dhaka city

Position: Auto CAD Technician

Activities Performed: Responsible for drawing of Layout map, Section and long profile of canal; Plan & section of drain, Box culvert and Retaining wall.

Name of Project: Bangladesh Rural Water Supply and Sanitation Project Phase – I

Year: May 2014 to Dec 2014

Location: All over Bangladesh

Client: DPHE

Main Project Feature: To establish mini water supply system in rural area

Position: Auto CAD Technician

Activities Performed: Responsible for making, checking and monitoring of house hold survey data entry works of different area under the project.

Name of Project: Feasibility Study of Saidabad Water Treatment Plant Phase-III

Year: Sep 2013 to April 2014

Location: Dhaka

Client: DWASA

Main Project Feature: Feasibility Study for the construction of Saidabad water treatment plant

Position: Auto CAD Expert

Activities Performed: Worked with **France's Consulting Team** of egiseau and engaged in drawing of Layout map of 24.8 km proposed Raw water transmission pipelines; Cross section, Interconnection and River crossing of pipelines; Site layout plan of treatment plant and intake pump station; Outline drawing of dewatering sludge building, Process diagram, Clarifier, Filter, Clear water reservoir, Coagulator, Chemical building, Chlorine building, Raw & treated water pump station, Waste water recovery, Intake pump station and office building; Electrical diagram of treatment plant and intake pump station.

Name of Project: Construction of Well Field at Tetuljhora-Bhakurta Area

Year: Jan 2013 to October 2013

Location: Dhaka

Client: DWASA

Main Project Feature: Well field construction for immediate supplement to city water supply from nearby ground water sources

Position: Auto CAD Expert

Activities Performed: Worked under **Korean Design Team** of Hankuk Engineering Consultants and responsible for drawing and review of **Detailed design drawings** (civil, mechanical, electrical, instrumentation & control, architectural & structural) of Project layout; Production well & Deep tube well; Iron removal plant; Over ground reservoir & Pump house; Office building, Chlorine building, Generator building, Sludge drying bed, Backwash water holding tank, Guard room; Transmission & Distribution pipeline and Construction machine equipment. Provided technical & documentation support to Korean Team.

Name of Project: Master Plan & Design of Priority Works for Sewerage System of Dhaka City

Year: June 2011 to Dec 2012

Location: Dhaka

Client: DWASA

Main Project Feature: Separation of sewerage line form storm water line and Build up Sewerage Treatment Plant for protecting water pollution of canal and river also save the environmental pollution of Dhaka City

Position: Auto CAD Expert

Activities Performed: Worked with English design team and responsible for drawn & modification of

- Plan & long profile of sewerage network connection.
- The standard details of thrust block, GRP pipe installation, manhole and public toilet.
- Area based location and catchment area map of greater Dhaka to build up 13 nos. of Sewerage Treatment Plant
- Pagla STP renovation & upgrading drawing (general layout, road & drain, treatment piping system, TF recirculation, trickling filter).
- Prepared plan, section, and reinforcement details of sewage pumping station.
- Location map of borehole, trunk main sewer plan.

Name of Project: Ashulia Reservoir Study Project

Year: Feb 2011 to May 2011

Location: Dhaka

Client: DWASA

Main Project Feature: A Study for constructing a water treatment plant for improving Dhaka city water supply system

Position: Auto CAD Expert

Activities Performed: Responsible for drawing of outline design (plan, elevation & section) of Intake pumping station & its components; Water treatment plant and its components Site plan, Mixing chamber, Alum building, Clarifier, Filter bed, Treated water reservoir, Chlorine & Lime building, Lagoon, Waste water recovery, Power plant, Generator house, Pump house, Administrative building, Guard house, Workshop, Officers quarter, Staff quarters and Electrical diagram.

Name of Project: Feasibility Study of Padma-Jashaldia Water Treatment Plant Project

Year: Nov 2010 to Jan 2011

Location: Dhaka

Client: DWASA

Main Project Feature: Feasibility Study for the construction a water treatment plant on the bank of Padma River

Position: Auto CAD Expert

Activities Performed: Responsible for drawing of outline design (plan, elevation & section) of Intake pumping station & its components; Water treatment plant and its components (Site plan, Mixing chamber, Alum building, Clarifier, Filter bed, Treated water reservoir, Chlorine & Lime building, Lagoon, Waste water recovery, Power plant, Generator house, Pump house, Administrative building, Guard house, Workshop and electrical diagram); Booster pumping station & its components (Site plan, Treated water reservoir, Chlorine building, Power plant, Generator house, Pump house, Office building, Guard house, Workshop & Electrical diagram).

Name of Project: Rehabilitation of Dhamnak Chhoeukrom Irrigation Project, Kingdom of Cambodia

Year: Dec 2010 to Jan 2011

Location: Cambodia

Client: Cambodia

Main Project Feature: For preparation of Irrigation facilities

Position: Auto CAD Expert

Activities Performed: Responsible for drawing and modification of

- Plan view & section of Head works, Head regulator, Cross regulator, Intake structure, Check structure, and Canal crossing structure.
- Longitudinal profile & Cross section of main canal & secondary canal

Name of Project: Mekong River Bank Protection in Kratie Provincial Town Project

Year: Oct 2010

Location: Kratie, Cambodia

Client: Cambodia

Main Project Feature: Preparation of a river bank revetment.

Position: Auto CAD Expert

Activities Performed: Responsible for drawn of plan view & section of River bank revetment.

Name of Project: Study of Well Field Construction for Immediate Supplement to City Water Supply from Nearby Ground Water Sources

Year: Apr 2010 to Feb 2011

Location: Dhaka

Client: DWASA

Main Project Feature: Feasibility Study of well field construction in the outside of Dhaka city

Position: Auto CAD Expert

Activities Performed:

- Responsible for drawing and modification of detailed design (civil, mechanical, electrical, architecture & structure) of Production well, Primary collector, Over ground reservoir, Office building, Chlorine building, Generator building, Guard room, Iron removal plant & River/Channel crossing structure. Layout & Junction details of transmission & distribution main.
- Assisted to prepare, shorting and monitoring of tender document, particular & standard technical specification, BOQ and Engineering estimate

Name of Project: Upazila Towns Infrastructure Development Project & District Towns Infrastructure Development Project

Year: April 2008 to Oct 2009

Location: All over Bangladesh

Client: Local Government Engineering Department (LGED)

Main Project Feature: To prepare district, Pourashava and Thana master plan

Position: Auto CAD Technician

Activities Performed:

- Checking, monitoring, filing of mouza, existing base & landuse map and technical papers of 42 Pourashava.
- Preparation of existing base, core developed area, development trends map of 42 Pourashava.
- Engaged to digitize mouza map.
- Engaged to checking, monitoring, and filing of mouza, existing base & landuse map and technical papers of 5 Pourashavas. Prepared existing base, core developed area, development trends & road network map of 5 Pourashava.

Name of Project: Urban Government Infrastructure Improvement Project

Year: Dec 2008 to Feb 2009

Location: All over Bangladesh

Client: LGED

Main Project Feature: Infrastructure development secondary town

Position: Auto CAD Technician

Activities Performed:

- Responsible for drawing & preparation of Site plan, cross section & long profile of road and drain.
- Site plan, section & elevation of Bus terminal.
- Plan, section & elevation of Ghat on the bank of river and lake.
- Plan & Long Profile for construction of RCC Foot Bridge.
- Inter-section, Road marking and Ramble strip of road for traffic management system.

Name of Project: Sewerage Management

Year: Jan 2008 to Mar 2008

Location: Chittagong

Client: Chittagong Water Supply & Sewerage Authority (CWASA)

Main Project Feature: To develop sewerage management system

Position: Auto CAD Technician

Activities Performed: Responsible for drawing sketch diagram and site plan for investigating water quality flow rate point and house connection of toilet.

Name of Project: Bangladesh Water Supply Program Project

Year: Mar 2007 to Dec 2007

Location: All over Bangladesh

Client: DPHE

Main Project Feature: To develop the district level water supply system

Position: Auto CAD Technician

Activities Performed: Preparation of base map of existing & proposed water supply system, geological map & cross section of PTW & TTW of 5 Pourashavas. Existing coverage area by pipe water Supply system, population density map, plan and longitude section of treatment plant, nodal diagram by Epanet of Chapai Nawabganj and Chandpur.

Name of Project: Bangladesh Arsenic Mitigation Water Supply Project

Year: Feb 2006 to Feb 2007

Location: All over Bangladesh

Client: DPHE

Main Project Feature: To meet up arsenic contamination problem in Bangladesh

Position: Auto CAD Technician

Activities Performed:

- Was responsible for drawing the plan, section, elevation & structural details of treatment plant based on slow sand filter, roughing filter, plain sedimentation basin, pressure filter; mini overhead tank; pump house; sluice valve assembly; house connection; electrical drawing and schematic diagram etc.
- Assisted to prepare O&M manual of production tube well, centrifugal pump, distribution network and treatment plant.
- Assisted to prepare various kind of drawing & diagram of different report prepared under the project.

Name of Project: DPHE-DANIDA Water Supply & Sanitation Components

Year: Jan 2000 to Jan 2006

Location: Southern part of Bangladesh

Client: DPHE

Main Project Feature: To established water supply and sanitation system in 9-Pourashavas in coastal area

Position: Sr. Auto CAD Operator/Office Manager

Activities Performed:

- Responsible for drawing of civil, mechanical and electrical drawings. The detailed design drawings include site plan; plan, elevation and structural drawings of pump house as well as water treatment plant, over ground reservoir and overhead tank; plan, long section and cross-section of drains; installation drawings of PVC, MS & DI pipes, pumps & motors, sluice & non-return valves and other water supply related equipment, steel fabricated cap for wells; electrical wiring diagram for buildings, circuit diagrams of control systems for 11kV/0.415kV sub-stations; etc. for the water supply systems in nine pourashavas Noakhali, Patuakhali, Feni, Raipur, Ramganj, Amtali, Kalapara, Galachipa and Patharghata under the project.

- Assisted Sr. Engineer/Expert to prepare all kinds of Technical reports, Tender/Bidding document, Solid Waste Management Manual, O&M manuals of IRP & WS system, Trainings Manual, Module and presentation slide/sheet etc.
- Responsible for arranging the test of equipments, samples & materials as per requirement for the projects from BUET.
- Query the rate of materials and equipments.
- Sorting and monitoring of tender document & estimate.
- Checked contractor & supplier's bills.
- Maintaining filing system.
- Sold tender schedule/bidding document to the contractor.
- Cooperate sr. secretary to prepare monthly budget, invoice and meet up banking transaction and salary disburse.
- Involved in meet-up all kind of requirements and provided technical & logistic support as and when as per instruction of Team Leader and other senior officials.

Name of Project: AQUA Tower Construction Project

Year: Oct 2001 to June 2003

Location: Dhaka

Client: AQUA Consultant & Associates Ltd.

Main Project Feature: Construction of a multi storied building.

Position: Sr. Auto CAD Operator/Manager

Activities Performed:

- Responsible for drawn of electrical drawing
- Purchased all kinds of electrical materials and goods with purchase team from different place of Dhaka city.

Name of Project: Tannery Effluent Treatment Plant Project at Hajaribag

Year: Nov 1999 to Dec 1999

Location: Dhaka

Client: DPHE

Main Project Feature: Construction of tannery effluent treatment plant

Position: Auto CAD Operator

Activities Performed:

- Base map of tannery area, existing layout of Pagla Treatment Plant, proposed layout of forced main to carry tannery wastes
- Layout of closed conduit for common effluent treatment plant and standard details (plan, cross section, HDPE pipe connection and air vent provision) for different type sewer manhole.

Name of Project: Khulna City Master Plan Project

Year: Sep 1998 to Nov 1999

Location: Khulna

Client: Khulna Development Authority (KDA)

Main Project Feature: Preparation of master plan for Khulna city

Position: Auto CAD Operator

Activities Performed:

- Engaged in digitizing, drawing, editing and assisted Auto CAD specialist to prepare of existing mouza, Sparso, land use, existing road network, build-up area & residential structures, rail way line, river & canal, detailed & generalized land use, land under public ownership, land use survey area, Khulna Master Plan 1961
- Proposed road network & green areas, planned residential area, river front development, proposed areas of expansion & structure plan, contour map of Khulna master plan area.

Name of Project: Second Water Supply & Sanitation Project

Year: May 1999

Location: All over Bangladesh

Client: DPHE

Main Project Feature: For constructing water supply and sanitation system

Position: Auto CAD Operator

Activities Performed: Engage to drawn detailed design drawings of Iron removal plant and Overhead water tank of Pabna.

Name of Project: Growth Centre Survey & Investigation of Noakhali Sadar Thana

Year: Aug 1998

Location: Noakhali

Client: DPHE

Main Project Feature: Growth Centre development.

Position: Auto CAD Operator

Activities Performed: Prepared base & land use map of 5 hats.

Name of Project: Dredging/Re-excavation of Priority Rivers in Bangladesh

Year: July 1998

Location: Bangladesh

Client: BWDB

Main Project Feature: Dredging and re-excavation of river system

Position: Auto CAD Operator

Activities Performed: Prepared river system maps for the river namely Piyain, Sutang, Chandana Barasia, Kumar, Madhumati, Bhogai and Lower Kangsha rivers.

Name of Project: Rajshahi City Water Supply Project

Year: June 1998

Location: Rajshahi

Client: DPHE

Main Project Feature: Construction and modification of water supply system

Position: Auto CAD Operator

Activities Performed: Responsible for drawing layout plan for electrical load points in office rooms, store room and pump house; details of earthing, elevation of X-former with power take off assemblies. Prepared flow and valve diagrams of water treatment plant.

Name of Project: Third Urban Development Project

Year: Feb 1998 to May 1998

Location: All over Bangladesh

Client: LGED

Main Project Feature: Feasibility Study of infrastructure development of secondary town

Position: Auto CAD Operator

Activities Performed: Engaged to Prepare Base, land use, proposed road and drainage maps of 22 Pourashava.

Name of Project: Secondary Town Infrastructure Development Project

Year: Jan 1998

Location: Gopalganj

Client: LGED

Main Project Feature: Urban infrastructure development of secondary towns

Position: Auto CAD Operator

Activities Performed: Assisted Auto CAD Specialist to prepare proposed and existing drainage, contour maps and spot level. Electrical circuit diagrams of super market building.

Name of Project: AQUA Head Office

Year: Sep 1996 to Dec 1997

Location: Dhaka

Client: AQUA Consultant

Main Project Feature: Technical and secretarial works

Position: Technical Assistant

Activities Performed:

- Involved in preparing Invoice, statements and composing various kinds of letters. Maintaining library record, leave register, project files, chrono files and personal files of the employees of the different projects.
- Also assisted to preparation technical proposal, tender documents, and bill of quantities, estimates, workshop materials, reports and salary sheets and data entry of different projects.

Name of Project: PC Software Training & Compose

Year: Jan 1996 to Aug 1996

Location: Dhaka

Client: Multi-Com Business Centre

Main Project Feature: To develop computer skilled person.

Position: Computer Instructor -cum-Operator

Activities Performed: Engaged to provide training to the trainees on the software of Windows 3.1, MS Word & MS Excel etc.

Name of Project: Construction of 5 Storied residential Building

Year: Mar 1993 to June 1994

Location: Dhaka

Client: Flying Bird International

Main Project Feature: To construct a residential building

Position: Site Supervisor

Activities Performed: Responsible for monitoring the piling, construction works and checking the submitted bills of contractor of 5 storied residential building

14. PERSONAL DETAILS

Father's name	:	Mohiuddin Khan
Mother's name	:	Anowara Begum
Marital status	:	Married
Nationality	:	Bangladeshi by birth
Religion	:	Islam
National ID No	:	5918413689632
Covid-19 Vaccination	:	Certificate No: BD592910863897, COVISHIELD (AstraZeneca), 3 Doses Taken
Mailing & Permanent address	:	Holding # 282, Vill: Rudrapara, Post: Baghra, PS: Srinagar, Dist: Munshiganj

Signature with date

Reference:

Abu Musa Mollah

Mechanical Engineer

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