

M. A. H. KAFI

CIVIL ENGINEER | SUB-ASSISTANT ENGINEER

CONSTRUCTION & INFRASTRUCTURE PROFESSIONAL



+8801734893076

kafimah@gmail.com

Narsingdi, Bangladesh

PROFESSIONAL SUMMARY

Civil Engineer with **9+ years** of professional experience in government and private-sector infrastructure projects, including road construction and maintenance, bridge construction, construction supervision, quantity measurement, estimation, billing, tender-related activities and quality control. Currently serving as a Sub-Assistant Engineer with LGED under CAFDRIRP (Road Maintenance Project). Strong field experience in project management, site supervision, contractor coordination and quality inspection.

EDUCATION

B.Sc. in Civil Engineering

Sonargaon University, Dhaka

Passing Year: 2023

Diploma in Engineering (Civil)

Bangladesh Sweden Polytechnic

Institute, Dhaka

Passing Year: 2016

S.S.C. (Science)

Belghoria Hat Fazil Madrasha,

Rajshahi

Passing Year: 2012

TRAINING

Construction Management & Quality Control

(Rural Roads & Bridges)

Training from Local Government Engineering Department (LGED).

TECHNICAL SKILLS

Engineering Software:

AutoCAD

ETABS

MS Project

PROFESSIONAL EXPERIENCE

1. Local Government Engineering

January 2022 – Present

Department (LGED)

Sub-Assistant Engineer

Project: CAFDRIRP / Road Maintenance Project | **Posting:** Narsingdi Executive Office, LGED

- Supervised approximately 125 km of road infrastructure, including 60 km road construction and 65 km road maintenance, ensuring timely and quality execution.
- Supervised construction and maintenance activities for 6 bridges with a total length of approximately 124 m.
- Managed and monitored civil works with an approximate project value of BDT 300 lakh.
- Coordinated field activities involving approximately 250 workers and ensured smooth project implementation.
- Prepared, checked and processed contractor measurements and bills totaling approximately BDT 250 lakh.
- Prepared/verified BOQ, cost estimation, rate analysis and quantity take-off for various civil works.
- Maintained Measurement Books (MB), Interim Payment Certificates (IPC) and Final Bills based on measured quantities.
- Supported tender and procurement-related activities including preparation and review of tender documents.
- Conducted quality inspections of sand, cement, stone aggregates and RCC works to ensure compliance with specifications and standards.
- Monitored construction progress, site execution and contractor performance.
- Prepared and maintained engineering records, progress reports and documentation using MS Excel, MS Word, AutoCAD and ePMS.

2. Dosh Contractors and Developers

December 2019 – October 2021

Ltd.

Site Engineer

Project: Bangabandhu Railway Bridges Project

- Supervised civil construction activities of railway bridge works.
- Monitored day-to-day site activities and construction progress.
- Coordinated with contractors, workers and project personnel.
- Ensured quality control and compliance with drawings and specifications.
- Maintained site records and documentation.

3. Design and Supervision Consultant Ltd.

January 2017 – June 2019

Supervision Engineer

Project: BGB Indoor Stadium, Mymensingh

- Supervised civil construction activities of the stadium project.

Office & Project Software:

- MS Word
- MS Excel
- PowerPoint
- ePMS
- Internet Browsing

ADDRESS & REFERENCE

PRESENT ADDRESS

Narsingdi Executive Office, LGED,
Narsingdi Sadar, Narsingdi.

PERMANENT ADDRESS

Vill: Belghoria Hat, PO: Belghoria Hat,
Thana: Bangmara, Dist: Rajshahi.

REFERENCE

Khandaker Asaduzzaman

Project Director (FDRIRP 2022)
Local Government Engineering
Department (LGED)

Phone: +880 1611-314475

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M.A.H. KAFI

- Monitored site execution, quality and construction progress.
- Coordinated with contractors and project personnel.
- Prepared and maintained project-related records and documentation.

KEY PROJECT EXPERIENCE (LGED)

Particulars	Details
Project	CAFDRIRP / Road Maintenance Project
Road Construction	60 km
Road Maintenance	65 km
Bridges Supervised	6 Nos.
Total Length of Bridges	124 m
Approx. Project Value	BDT 300 lakh
Workforce Coordinated	250 Nos.
Bills Processed	BDT 250 lakh

ENGINEERING & PROJECT SKILLS

Construction:	Road Construction, Road Maintenance, Bridge Works, RCC Works, Site Supervision
Project Management:	Construction Planning, Progress Monitoring, Workforce Coordination, Contractor Management
Quantity & Cost:	BOQ, Estimation, Quantity Measurement, Rate Analysis, MB, IPC/Running Bill, Final Bill
Quality:	Material Inspection, RCC Quality Inspection, Sand/Cement/ Stone Aggregate Inspection, Specification Compliance
Documentation:	Project Records, Measurement Records, Progress Reports, Contractor Documentation

PROFESSIONAL HIGHLIGHTS

- **9+ years** of progressive experience in civil engineering and infrastructure projects.
- Government sector experience with **LGED**.
- Hands-on supervision of **125 km** road infrastructure (60 km construction + 65 km maintenance).
- Supervision of **6 bridges** (124 m total length).
- Experience managing projects with a value of approximately **BDT 300 lakh**.
- Experience coordinating approximately **250 workers**.
- Measurement and billing experience of approximately **BDT 250 lakh**.
- Practical experience in BOQ, estimation, rate analysis, MB, IPC and final bills.
- Experience in construction material and RCC quality inspection.