



Barjah Engineering Consultants

(Your Safety is Our Commitment)

COMPANY PROFILE

November 2025



Barjah Engineering Consultants

An Integrated Approach to Infrastructure Solutions

[\[www.barjahengineering.com\]](http://www.barjahengineering.com)

General Overview:

Barjah Engineering Consultants was established in 2008 & registered at 2010 to provide civil/structural engineering services. The first few years were devoted to rigorous training, limited structural analysis, and design work.

Barjah Engineering Consultants provides sophisticated & quality engineering services through the whole country. Projects at **Barjah Engineering Consultants** starts from the feasible perspective.

Our engineers are expected to have a working knowledge of Etabs, STAAD.pro and AutoCad prior to joining **Barjah Engineering Consultants**. They are also well versed in SAP2000, SAFE, Foundation3D, Shaft3D, DYNA5, MicroStation, FrameWorks Plus, Smart Plant Review, GEO Structural, Revit, AllPile, Desconbrace, Ram Connection, Tekla and etc.

Today, **Barjah Engineering Consultants** staffs are uniquely skilled to take on any project at any stage and provide outstanding service on a very aggressive schedule to fulfil our vision to be the leading engineering service provider.

Vision & Mission Statement:

Vision Statement: Our vision is to be a world class leader in structural engineering services, and to design structures that are second to none in safety, quality and cost effectiveness

Mission Statement: Our mission is to advance the practice of structural engineering services in terms of safety quality and cost effectiveness. We review our practice from the perspective of fabricators, erectors and builders to ensure a flawless transition from the engineer's desk to the final product. We are passionate about what we do and are excited about using cutting edge technologies to delivering the best product to you.

Our Strength:

We pride ourselves in our focus to client's needs combined with the passion for the Profession of structural engineering. We have a highly skilled engineering/design/detailing team of experienced and highly qualified engineers and designers. It is mandatory for our engineers to be fully abreast with current developments in the structural engineering field and the technologies available to tackle structural engineering issues. Our engineering team is efficient in structural analysis and design software like SAP 2000, STAAD.Pro, ETABS, SAFE, All Pile, Foundation 3D, Shaft3D, Descon Brace, Descon Win and Ram Connection. Engineers and Designers are well versed in Frameworks Plus, PDS, Tekla Structures, SDS/2, and AutoCAD & Microstation. The entire staff is highly motivated to work as a team and bring out the best product for the client.

Those who can take our services:

- ❖ Existing buildings and industries.
- ❖ New factories and industries.
- ❖ Banks and financial institutes.
- ❖ Real estates.
- ❖ Govt. and Non-Govt. important institutes. And Incomplete structures.



Services:

Structural Design and supervision: Includes providing services in supervising and developing architectural design, structural design, plumbing and electrical design etc. We also assist our clients to get approvals/permissions from respective government departments relevant to the construction activities. Summary of the structural design services are mentioned below:

- Structural Safety Assessment/Evaluation as per US Standard
- Pioneer in Seismic Retrofitting of Existing Structures in Bangladesh
- Destructive and Non-Destructive Test of Concrete and Steel Structures
- Linear/Non-Linear Analysis and design of Structures
- Dynamic Analysis of High Rise Structures
- Full Structural Design of RCC and Steel Structures
- Design of factory building, office building, apartments, hotel and guest house, shopping complex
- Detailed Engineering Assessment (DEA)
- Design of Machine Foundation for Dynamic & Vibratory loadings.
- Rectification/Retrofitting Design for weak structures with Pushover Analysis.
- Seismic Retrofitting
- Design of Fiber reinforced Polymer Structure for Ship and Offshore Structure
- Retrofitting design with FRP, Steel & Traditional Column Jacketing

Project management (Technical): includes providing services to the valuable clients by our professional architects and engineers in the following areas:

- Prepare the cost estimates, phasing out and priorities activities
- Implementation of project plan and assist in ensuring the quality of materials and services involved in the construction works
- Implementation, supervision, monitoring and evaluation of overall construction works
- Prepare work progress report in terms of quantity and quality of works completed
- Valuation of work-in-progress
- Dealings with suppliers and contractors.

Building Inspection and Checking: Barjah Engineering Consultants offers building inspection and checking of existing structures with expert engineers and assesses the vulnerability analysis with modern tools and techniques. In a short span of time, Barjah Engineering Consultants has inspected a number of buildings which includes several garments buildings and conducted detailed structural vulnerability assessment of numerous Garments factories. Besides this, Barjah Engineering Consultants has team members who worked for Initial Structural Assessment under Alliance as a Lead Assessor.



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Some in House & Direct Access to the Destructive & Non-Destructive Test Equipment

Equipment	No.	Brand Name	Model
Rebar Scanner	01	Hilti- Germany (In House)	PS-250
Rebar Detector/ Wall Scanner	01	Bosch- Germany (In House)	D'tect 150
Ultrasonic Pulse Velocity Analyzer	01	Control- Italy	58-E4900
Rebound Digital Concrete Hammer	01	Control- Italy	58-C0181
Core Cutter Machine	01	Bosch-Germany	DB-2500
Laser Distance Meter	02	Bosch-Germany (In House)	Bosch-GLM 80
Hammer Drill	02	Bosch-Germany	GSH 11VC & GSH 11E
Cross Hole Ultrasonic Monitor	01	England	
PSI: Parallel Seismic Instrument	01	England	

Office Facilities:

BEC's Office is centrally located in the Pallabi (North), Mirpur-12, Dhaka. The total office accommodation is approximately 1,000 square feet, with a large design and drafting studio and a number of smaller office spaces. Besides, the office has adequate word processing, printing, photocopy & scanning facilities. The office is also equipped with a modern computer network, adequate telephone, fax and e-mail facilities and efficient secretarial services.

List of facilities

Serial No.	Description
01	Internal High Configuration Computer network.
02	Four (4) High-configuration Desktop Computers.
03	Two (3) High-configuration Portable Computers.(Laptop)
04	Dedicated High speed Broadband Internet Connection.
05	One Color A3 Multifunction Printer with Scanner, Copier, Fax.
06	One A3 Canon Laser Printer with High Speed Printing.
07	Access to All Type of Destructive & Non-Destructive test Equipment.
08	Instant Power Supply with Individual UPS work station for Uninterrupted work
09	Canon 30X Zoom Camera
10	Hilti PS200 Ferro Scanner
11	Bosch D'tect 150 Rebar Detector/ Wall Scanner



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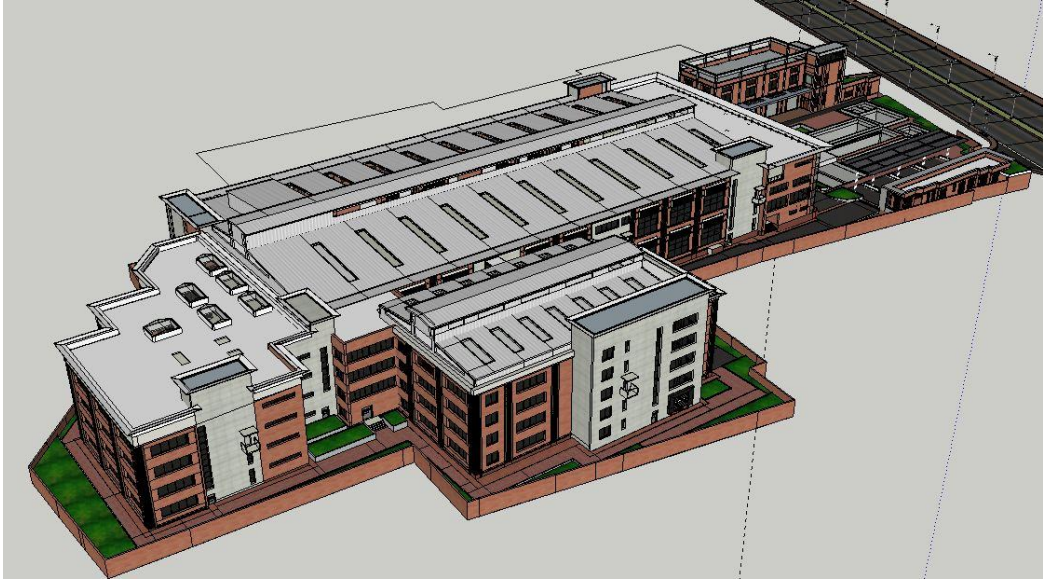
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Some of Running and Completed projects of BEC:

Industrial Project:

1. Detail Architectural and Structural Design for Columbia Washing Plant Ltd. (CWPL)
Bhabanipur, Gazipur (26,000 sft per floor)



2. Detail Architectural and Structural Design for Main Gate at Gacha, Barobari, Gazipur
Sadar, Gazipur.





3. Detail Architectural and Structural Design for Single Storied Steel Shed at Birulia, Ashulia, Savar, Dhaka (50,000 sft floor)



4. Detail Structural Design for 4 Storied Industrial Building of EAST WEST Dress Pant Ltd. at Vogra, Gazipur Sadar, Gazipur (10,000 sft per floor)





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5. Detail Architectural Drawing, Fabrication Drawing, Steel Design for Hs Super Trade Single Storied Shed at Bonpara, Borigram, Natore (12,910 sft per floor)



6. Architectural Drawing, Steel Design for Single Storied Shed for Nice Corporation at Pubail, Gazipur Sadar, Gazipur (3,980 sft per floor)





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7. Detail Architectural, Structural, Plumbing & Electrical Design for 6-Storied Industrial Building at Gacha, Barobari, Gazipur Sadar, Gazipur (8,275 Sft. Per Floor)



8. Detail Architectural, Structural, Plumbing & Electrical Design for 4-Storied Security Building at Gacha, Barobari, Gazipur Sadar, Gazipur (800 Sft. Per Floor)





Detail Engineering Assessments (DEA):

1. Detail Engineering Assessment for R&G (Bd) Garments Co., Ltd at Bhabanipur, Gazipur.



2. Detail Engineering Assessment for Noman Terry Towel Mills Ltd at Vawal, Mirzapur, Gazipur.





3. Detail Engineering Assessment for Euro jeans (SHED -1) Ltd at Chowdhury Bari, Vogra, Gazipur. (20,112 sft per floor)



4. Detail Assessment for Euro Jeans (SHED -2) Ltd at Chowdhury Bari, Vogra, Gazipur (18,835 sft per floor)





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5. Detail Engineering Assessment for Euro Jeans 3 Storied Factory Building at Chowdhury Bari, Vogra, Gazipur. (7,210 sft per floor)



6. Single Storied Shed of Factory Packing and 3 Storied AC Plant for Mondol Spinning Mills at Gurai, Mirzapur, Tangail (2,03,390 sft per floor for Single Shed and 14,420 sft per floor)





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7. Detail Engineering Assessment for Factory Building of Armada Spinning Mills Ltd at Gorgoria, Sreepur, Gazipur (10,000 sft per floor).



8. Detail Engineering Assessment for Factory Building of MSA Spinning Ltd. at Nischintapur, Mouchak, Gazipur.





9. Detail Engineering Assessment for Factory Building of AA Spinning Mills at at Sreepur, Gazipur.



10. Detail Engineering Assessment for Basement + 7-storied Main Building of APS Appeals Ltd. at East Faidabad, Atipara, Dokhin Khan, Dhaka-1230.





11. Detail Engineering Assessment for 6-Storied Factory Building of APS Knit Composite Ltd. at Kamargaon, Pubail Road, Gazipur,

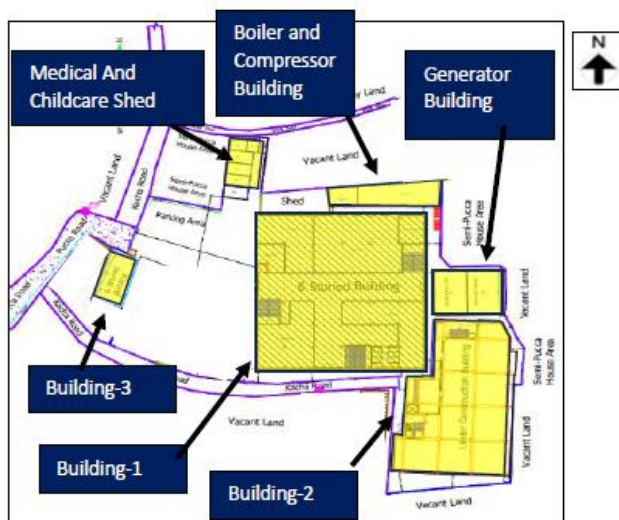




12. Crack Investigation for Factory Building of Fenix Sportswear Ltd at CPEZ, Chattogram.



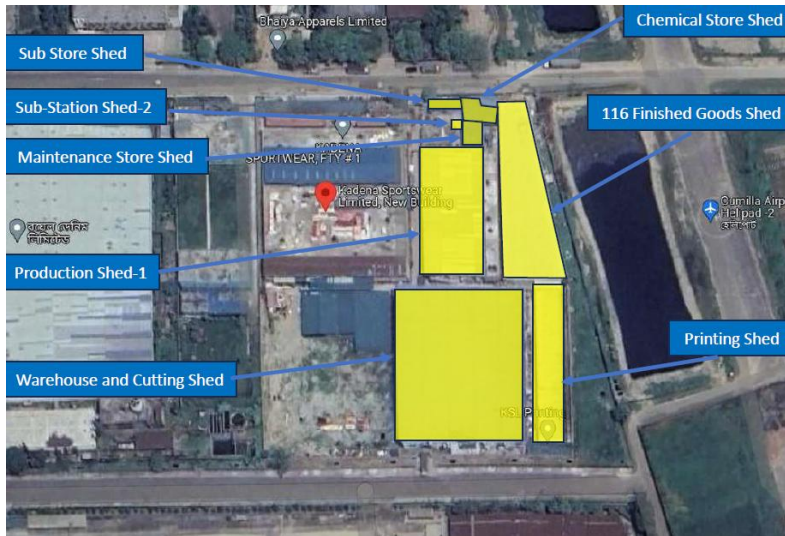
13. Detail Engineering Assessment for Building -01, Building-02 and Building-03 of Banga Fashion Ltd. at Gacha, Barobari, Gazipur Sadar, Gazipur, Bangladesh.



Master Layout plan of the factory premises



14. Detailed Engineering Assessment for Buildings of Premises-1 of Kadena Sportswear Ltd. at Cumilla PEZ, Cumilla.



15. Detailed Engineering Assessment for Buildings of Premises-2 of Kadena Sportswear Ltd. at Cumilla PEZ, Cumilla.



16. Detailed Engineering Assessment for Buildings of Generator, Chiller & Boiler Building of Akij Textile Mills Ltd. AT Golora, Manikganj.





17. Detailed Engineering Assessment for Buildings of KSS Knit Composite Ltd. AT Bahararchala, Sreepur Gazipur.



18. Detailed Engineering Assessment for Buildings of Mitali Fashions Ltd. AT Berenda, Hatimara Road Gazipur.





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19. Detailed Engineering Assessment for Buildings of W. Apparels Ltd. AT 295/JA/4, Rayer Bazar Dhaka.



20. Detailed Engineering Assessment for Buildings of Quasem Industries Ltd. AT Gorai, Mirzapur, Tangail.





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Residential Project:

1. Detail Architectural, Structural, Plumbing & Electrical Design for 10-Storied Residential Building at Gazipur, Tongi, Gazipur (2,460 Sft. Per Floor)



2. Detail Architectural, Structural, Plumbing & Electrical Design for (G+5)-Storied Residential Building at Barisal Sadar, Barisal (1,850 Sft. Per Floor)





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3. Detail Architectural and Structural Design for 9 Storied Residential Building at Bashundhara Residential Area, Dhaka (1,700 sft per floor)



4. Detail Architectural and Structural Design for 3 Storied Residential Building at Bagerhat (2,350 sft per floor)





5. Detail Architectural, Structural, Plumbing & Electrical Design for (G+9)-Storied Residential Building at North Mugda, Dhaka (2,890 Sft. Per Floor)



6. Detail Structural Design for 10-Storied Residential Building at Keranigonj, Dhaka (5,000 Sft. Per Floor)





7. Detail Architectural, Structural, Plumbing & Electrical Design for 8-Storied Residential Building at Zinzira, Keranigonj, Dhaka (1,925 Sft. Per Floor)



8. Detail Architectural and Structural Design for 10 Storied Residential Building at Chondrima Model Town, Mohammadpur, Dhaka (2,300 sft each floor)





9. Detail Architectural and Structural Design for 10 Storied Residential Building at Chatkhil, Noakhali (4,250 sft per floor)



10. Detail Architectural and Structural Design for 10 Storied Residential Building at Baridhara Model Town, Dhaka (3,833 sft per floor)





11. Detail Architectural and Structural Design for 10 Storied Residential Building at Dhaka



12. Detail Architectural and Steel Structural Design for 4 Storied School Building at Sylhet (2,400 sft per floor)





13. Detail Architectural and Structural Design for 3 Storied Mosque Building at Sharupkhaty, Pirojpur (1,200 sft per floor)



14. Detail Architectural and Structural Design for 4 Storied Residential Building at Barisal Sadar, Barisal (2,500 sft per floor)





15. Structural Design for (G+2) Storied Mosque Building at Mirzapur, Pakundia, Kisoregonj
(2,875 sft per floor)



16. Structural Design for (B+G+11) Storied Commercial cum Residential Building for Family Haque Tower at at South Mugda, Bishwa Road, Dhaka.





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PHOTO	KEY PERSONNEL
	Engr. Md. Bazlur Rahman CEO & Lead Engineer B.Sc. Engineer Civil [DUET] (Experience: 13 Years)
	Mohammad Abul Bashar Head of Business Development (Experience: 25 Years in Industry Sector)
	Md. Mostafizur Rahman Chief Coordinator B.Sc. Engineer Civil [DUET] (Experience: 13 Years)
	Engr. Md. Saiful Islam Structural Engineer B.Sc. Engineer Civil [DUET] (Experience: 04 Years)
	Engr. Muhammad Rasel Raihan Structural Engineer B.Sc. Engineer Civil [KUET] (Experience: 02 Years)



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	Engr. Jahidul Islam Structural Engineer B.Sc. Engineer Civil [RUET] (Experience: 01 Years)
	Engr. Md Immam Hussain Structural Engineer B.Sc. Engineer Civil [UAP] (Experience: 01 Years)
	Abul Khair Rudro Project Engineer B.Sc. Engineer Civil [IUBAT] (Experience: 07 Years)
	Md. Shakil Hossain Sihab Executive (CAD Design) Diploma in Architecture & Interior Design [DPI] (Experience: 03 Years)
	Md Ashikur Rahman Executive (CAD Design) Diploma in Civil Technology [RPI] (Experience: 03 Years)
	Md Ramjan Ali Executive (CAD Design) Diploma in Civil Technology [MPI] (Experience: 05 Years)



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	Md Kamrul Hasan Executive (CAD Design) Diploma in Civil Technology [IPIB] (Experience: 02 Years)
	Md Sajol Executive (CAD Design) Diploma in Civil Technology [MISTD] (Experience: 01 Years)
	Md. Mamun Sarder Accounts & Admin Kamil Master of Arts [IAU] (Experience: 03 Years)



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SL	Project Title	RSC ID/Primark ID	Scope of The works	Location
1	AA Spinning Mills Ltd.	Primark ID-26318	Detailed Engineering Assessment	Gazipur
2	Akij Foundation Madrasha	NA	Detailed Engineering Assessment	Manikganj
3	Al-Arafah foundation School	NA	Detailed Engineering Assessment	Dhaka
4	APS Apparels Ltd.		Detailed Engineering Assessment	Dhaka
5	APS Knit Composite Ltd.	RSC ID-12359	Detailed Engineering Assessment	Gazipur
6	Armada Spinning Mills Ltd. (Extension)	Primark ID-25789	Detailed Engineering Assessment	Gazipur
7	ARS Footwear Limited	FFC ID: 12044	Detailed Engineering Assessment	Cumilla
8	Banga Fashions Ltd.	RSC ID-24681	Detailed Engineering Assessment	Gazipur
9	Blue Planet Knit Composite Ltd.	NA	Structural Design and Drafting	Gazipur
10	Brother Constructions	NA	Detailed Engineering Assessment	Dhaka
11	Crown Wears (Pvt) Ltd.	RSC ID- 26009	Detailed Engineering Assessment	Gazipur
	Cute Dress Industry Ltd.	ID:12239	Detailed Engineering Assessment	Dhaka
12	Danish Industries Pvt. Ltd.	NA	Detailed Engineering Assessment	Dhaka
13	Dekko Readywears Ltd.	RSC ID-9185	Detailed Engineering Assessment	Dhaka
14	Doreen Apparels Ltd.-Ext	RSC ID-25762	Structural Design and Drafting	Gazipur
15	East West Dress Pant Ltd.	NA	Detailed Engineering Assessment	Gazipur
16	Euro Jeans Ltd.	RSC ID-24195	Detailed Engineering Assessment	Gazipur
17	Family Haque Tower	NA	Structural Design and Drafting	Dhaka
18	Fenix Sportswear Ltd.	RSC ID-12797	Crack Investigation	Chattogram
19	Hs Super Trade Single Storied Shed	NA	Structural Design and Drafting	Natore
20	Islam Garments Ltd(Unit-2)	RSC ID-10299	Detailed Engineering Assessment	Gazipur
21	Kadena Sportswear Ltd.	RSC ID-24614	Detailed Engineering Assessment	Cumilla
22	Kazi Razawan Faysal	NA	Structural Design and Drafting	Dhaka
23	KSS Knit Composite Ltd.	RSC ID-24422	Detailed Engineering Assessment	Gazipur
24	Life Textile Pvt Ltd.	Primark ID-23648	Detailed Engineering Assessment	Gazipur
25	Mitali Fashions Ltd.	RSC ID-11689	Detailed Engineering Assessment	Gazipur



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SL	Project Title	RSC ID/Primark ID	Scope of The works	Location
26	Mondol Spinning Mills Ltd.	NA	Detailed Engineering Assessment	Tangail
27	MSA Spinning Ltd.	Primark ID-26013	Detailed Engineering Assessment	Gazipur
28	MT Sweaters Ltd.	RSC ID-9305	Detailed Engineering Assessment	Gazipur
29	Nice Corporation Ltd	NA	Detailed Engineering Assessment	Gazipur
30	Patuakhali Science & Technology University (PSTU)	NA	Detailed Engineering Assessment	Patuakhali
31	PRS Apparels Ltd.	NA	Crack Investigation	Gazipur
32	Quality Apparels Ltd.	NA	Detailed Engineering Assessment	Dhaka
33	R&G (Bd) Garments Co., Ltd	RSC ID-24682	Detailed Engineering Assessment	Gazipur
34	Sparrow Apparels Ltd.	RSC ID-26049	Detailed Engineering Assessment	Gazipur
35	W. Apparels	RSC ID-11063	Detailed Engineering Assessment	Dhaka
36	Yuko Leather Goods Ltd.	NA	Detailed Engineering Assessment	Dhaka
37	Zalo Knitting Ltd.	RSC ID-26394	Detailed Engineering Assessment	Gazipur
38	Birds A & Z Ltd. (New Unit)	RSC ID-24639	Detailed Engineering Assessment	Tangail
39	NAS Outdoors Ltd	NA	Detailed Engineering Assessment	Chattogram
40	DFL Washing Ltd	NA	Detailed Engineering Assessment	Dhaka
41	Akij Flours Mills Ltd	NA	Detailed Engineering Assessment	Narayanganj
42	Aaron Denim Ltd	NA	Detailed Engineering Assessment	Dhaka
43	Benchmark Apparels Ltd	NA	Detailed Engineering Assessment	Chattogram
44	ENA Food & Beverage Ltd	NA	Detailed Engineering Assessment	Mymensingh
45	Zakaria Knitwears Ltd	NA	Detailed Engineering Assessment	Tangail
46	Global Profit Garments Ltd	NA	Detailed Engineering Assessment	Tangail

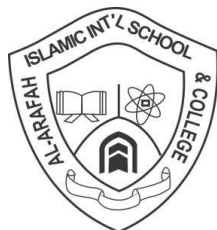


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Our Valuable Clients:





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