

Interaction Design & Construction

"Your Trusted Expert"

**Since 2011** 

# ABOUT US

Interaction Design & Construction was founded in February 2011 with the goal of providing skilled and knowledgeable consultancy & construction services to industries in the Bangladesh. Interaction Design & Construction is a prominent and well-respected consulting firm in the architectural, structural, electrical, fire safety, Interior, IT service, management and others. We have an Employee/Management base of over 20 highly skilled trades-people and professionals providing services to a large and varied customer base in the Bangladesh.

IDC is committed to providing innovative and cost-effective solutions to our customers on time, on budget and safely. IDC is a reliable contractor operating with integrity and loyalty to customers, suppliers and employees. Our hand-picked management team of project managers, field supervisors and administrators are backed by computerized state-of-the art systems and systems engineers.

# MISSION& VISION

### **IDC MISSION STATEMENT**

We set our business targets with high degree of professional standard with appropriate business and ethical code where services must consider to make living safe by create value with difference and to adopt sustainable practice for a better world.

### **IDC VISION STATEMENT**

To acquire iconic recognition by the national and global acceptance of our provided services and products which define safe living through quality and sustainability.

# KEY PERSON

We are one of the fast growing engineering, construction, supply chain management and design consultancy services firm employing over 20 skilled professionals and administrative support staff.

Our aim is simple - we want to be the best. Within the IDC family, we want to be one of the leading operating companies.

We want to be seen as the company of choice by our Clients as their "Trusted Expert" But even more, we want to be considered their trusted advisor, capable of delivering a product on time, on budget and we hope, beyond their expectations.

We recognize that behind each of our success project, the expertise and efforts of our employees is the key. So, we ensure that they treated fairly and the more opportunities for career growth and prospects development are well rewarded as per our commitment.



Engr. Md. Abdus Salam Sazid
Chief Executive Officer (CEO)

B.Sc. in Civil Engineering, MIEB

# **ADVISOR**

(Engr. Hafizur Rahman Munshi, a freedom fighter, was a former chief engineer of Public Works Department from 1<sup>st</sup> January 2016 to till June 10, 2016. He served as the chief engineer at Rajuk (2014-2016) earlier. He graduated from the Civil Engineering department at Bangladesh University of Engineering and Technology (Buet) in 1980.)

It is my pleasure to welcome you for our website.

There may be many challenges ahead of us, but I am sure that we will overcome them with the help of both of our experienced and young energetic technical member and staff. I am sure that our engineer and staff will continue to do their best to provide the highest quality of work to our clients, to produce outstanding goodwill, and to serve our dignity, community, and profession. I invite you to continue to support our company and to take an active role in its excellent journey and research endeavors.



### Engr. Hafizur Rahman Munshi

Former Chief Engineer

Rajdhani Unnayan Kartripakkha (RAJUK)

&

**Former Chief Engineer** 

**Public Works Department (PWD)** 



## MAIN BUSINESS CONCERN

Engineering Services

Products & Technical Training

Others

### **ENGINEERING SERVICES**

# STRUCTURAL SERVICES

- New building design (RCC & Steel)
- As built drawing
- Detail engineering assessment(DEA)
- Engineering assessment (EA)
- Design report
- Retrofitting design
- Structural Inspection

# ELECTRICAL SAFETY SERVICES

- Electrical Design for New Building.
- Electrical Layout
- Single Line Diagram (SLD).
- Electrical Inspection.
- Earthing Diagram.
- Lightning Protection System (LPS).
- Earth Resistance (ER) Test
- Insulation Resistance (IR)
  Test.
- Thermo graphic Scanning.
- Distribution Board Remediation.
- Sub-Station Supply & Installation.
- Generator services.
- Solar Panel Installation & Management.

# ARCHITECTURAL SERVICES

- New building design full set
- As built drawing
- Interior design
- Exterior design
- Landscaping
- Urban design
- Rajuk/PWD/Pourashova approval sheet

# FIRE SAFETY SERVICES

- Fire safety plan.
- Fire Alarm system
   Design, Drawing, Supply &
   Installation
- Fire hydrant system Design, Drawing, Supply & Installation
- Fire Door- Supply & Installation
- Fire Extinguisher Supply & Installation
- Evacuation Plan

# CONSTRUCTION SERVICES

- New Building construction (R.C.C & Steel).
- Retrofitting construction (R.C.C & Steel).
- Soil Test.
- Digital Survey
- Excavation (own equipment's like excavator, drum truck, dozer etc.)
- Sand filling (by drum truck)
- Old building demolition.
- Project Management
- Supervision

### **IT SERVICES**

- Web Page Design.
- Data Base Software
- Project Tracking
- Online Reporting.
- Others.

### **INTERIOR DESIGN**

- Initial Design Consultation
- Space Planning and Furniture Planning
- Color Consultations
- Corporate Office Interior
- Showroom & Super Shop Interior
- Apartment/Flat Interior
- Kitchen Cabinet Interior
- Imported Partition Installation
- Glass Paper and Wall Paper Installation
- All Type of Aluminum Works
- Tiles and Electrical Works
- Interior and Exterior Painting Services
- Bathroom Remodel

### PRODUCTS & SUPPLY

# **ELECTRICAL MATERIALS**

- LPS all material
- Generator
- Switch Board
- Electrical Switch
- Change over Switch
- Automatic Transfer Switch
- Circuit Breaker
- Uninterrupted Power Supply (UPS)
- Instant Power Supply (IPS)
- House Wiring
- Solar Panel
- Energy Light
- Fan
- Air Conditioner (AC)

# FIRE SAFETY MATERIALS

- Fire Door (Brand: NAFFCO, Origin-UAE, UL listed)
- Fire Hydrant System (Brand: NAFFCO, Origin-UAE, UL listed)
- Fire Extinguisher
   (Brand: NAFFCO,
   Origin-UAE, UL listed)
- Fire Alarm System (Brand: Shield, Origin-UK, UL listed)
- Personal Protective Equipment (PPE)

# CONSTRUCTION MATERIALS

- Rebar/Reinforcement
- Cement
- Bricks
- Sand
- Stone
- Tiles
- Glass
- Thai partition
- Wood
- Shuttering material
- Various type of bonding chemical for construction etc.

### **INTERIOR MATERIALS**

- Tiles
- Vertical Blind
- Different types of Certain
- Design Carpet
- Paint
- Different types of Board
- Wood
- Glass & Thai
- And many more classified furniture etc.

### **TECHNICAL TRAINING**

- AutoCAD
- Etabs
- 3D Studio Max
- Adobe Photoshop
- Revit Architecture
- Google Sketch up
- Electrical Safety Awareness
- Fire Safety Awareness

### **OTHERS**

- Sazid properties
- Sazid Dairy & Food Products.
- Club Spicy (Chinese Restaurant)
- Online market: "Lets Buy".

# OUR TEAM



Engr. M. A. Salam Sazid B.Sc. in Civil Engineering, MIEB, Founder & CEO



Md. Wali Ullah Chairman M.COM(Finance)



Engr. Md. Minhajur Ahmed B.Sc. in Civil Engineering, MIEB, Head of Business Development Total Nine Years of Experience



Engr. Md. Sanoarul Islam
B.Sc. in Mechanical Engineering,
Manager (Operation & Business Development)
Total Four Years of Experience

# OUR TEAM

Architect Md. Tajul Islam B. Arch, MIAB, Reg. in RAJUK Senior Architect Total Fourteen Years of Experience

Engr. Md. Motiur Rahman B.Sc. in Civil Engineering, MIEB, Structural Team Leader Total Eleven Years of Experience

Engr. Sheikh Mahdi B.Sc. in Civil Engineering, MIEB, Senior Structural Safety Engineer Total Six Years of Experience

Engr. Mohammad Mustafizur Rahman B.Sc. Engineer ( EEE ), MIEB Project Manager Total Eleven Years of Experience

Engr. Md. Anwar Hoassin Civil Engineer, Project Manager (Construction) Total Twenty Four Years of Experience

Engr. Nahid Rana B.Sc. in Civil Project Engineer (Construction) Total Five Years of Experience Architect Md. Moktadirul Islam
B. Arch, MIAB,
Architect
Total Six Years of Experience

Engr. Md. Nazmul Hassan B.Sc. in Civil Engineering, MIEB, Reg. in RAJUK Senior Structure Engineer Total Fourteen Years of Experience

> Engr. Md. Asif-Ur-Rahman B.Sc. in Civil Engineering, MIEB, Structural Safety Engineer Total Four Years of Experience

Engr. Mohammad Ashraful Hossain B.Sc. Engineer (EEE), MIEB Senior Engineer Total Ten Years of Experience

Engr. Md. Ashraf
B.Sc. in Civil Engineering
Senior Project Engineer (Construction)
Total Seven Years of Experience

Abu Bakar Siddik
Diploma in Architecture
AutoCAD Draftsman
Total Four Years of Experience



Engr. Mohammad Minhajur Ahmed B.Sc. in Civil, MIEB Head of Business Development Total Nine Years of Experience Engr. Sanowarul Islam BSc. in Mechanical, Fire Safety Engineer, Total Four Years of Experience

### **OFFICE EXECUTIVES:**

Mrs. Salma Akter Masters in Economics Head of Account

Shah Alam Bachelor of Arts Procurement Officer Md. Touhidul Bappy MBA Sales Executive

### **OTHER STAFFS:**

Md. Fakhrul Islam Technician

### FEW OF OUR CLIENTS



BAY CREATIONS Location: Fatulla, Narayanganj, Dhaka.

Factory Name: **Bay Creation Ltd.**PROJECT NAME:

**New Green Factory** Building Complete Design & Drawing. Existing Factory Structural, Electrical & Fire Safety Design Consultancy, All Fire Material Supply & Commissioning. DEA



FCI GROUP

Location: DEPZ, Savar, Dhaka.

Factory Name: **FCI (BD) Ltd.,**PROIECT NAME:

Existing Building Electrical Safety Consultancy, Supply & Commissioning.



GLOBAL ATTIRE LTD Location: Savar, Dhaka.

Factory Name: Global Attire Ltd.

PROIECT NAME:

Existing Building Electrical Safety Consultancy, Material Supply & Commissioning. Design.



BHUIYAN FABRICS LTD

Location: Narayanganj, Dhaka.

Factory Name: **Bhuiyan Fabrics Ltd. PROJECT NAME:** 

Existing Building Structural, Fire & Electrical Safety
Design Consultancy, Material Supply &
Commissioning. New Compliance Factory Building
Complete Design & Drawing. DEA



POWERTEX FASHIONS LTD.

Location: Board Bazar, Gazipur, Dhaka. Factory

Name: Powertex Fashions Ltd. (Unit-1, 2, 3)

PROJECT NAME:

New & Existing Building Structural, Fire, Electrical Safety Design Consultancy, Material Supply & Commissioning.



SHANTA GROUP

Location: DEPZ, Savar, Dhaka.

Factory Name: **Shanta Denims Ltd., Shanta Industries Ltd.,** 

Shanta Washworks Ltd.

PROJECT NAME:

Existing Building Fire & Electrical Safety Design Consultancy, Material Supply & Commissioning.



SHINEST GROUP

Location: Mohammadpur, Beribad, Dhaka.

Factory Name: Shienst Washing Ltd.

Nasrin Garments Ltd.

PROJECT NAME:

Existing Building Structural Safety Design Consultancy. DEA



**ZXY INTERNATIONAL** 

Location: CEPZ, Chittagong.

Factory Name: **ZXY Apparel** 

Manufacturing Ltd.

PROJECT NAME:

Existing Building Structural Safety Design Consultancy. DEA, Retrofitting work.



### **ERNST & YOUNG LLP**

Location: 22, Camac Street, Block 'B', 5th Floor, Kolkata, West Bengal, India. Project Name: GPS Finance By **World** 

### **Bank**

PROJECT DETAILS:
Existing Building Structural Safety
Design Consultancy.(Over 29 District
of Bangladesh)



Alliance Stiches Ltd

# J M FABRICS LTD (Knit Asia Group)

Location: Rajendrapur, Mirjapur.
PROJECT NAME:
Existing Building Electrical Safety
Consultancy.

### ALLIANCE STICHES LTD. (FCI Group)

Location: Savar EPZ, Dhaka.
PROJECT NAME:
LPS design, drawing, material supply &
installation.
Existing Building Electrical Safety
Consultancy.



ORIX WASHING PROJECT
Ranavola road, Uttara.
PROJECT NAME:
As-Built Single LineDiagram (SLD)
As-Built Architectural Drawing
As Built Structural Drawings
Earthling Layout Plan
Lightning Protection System Calculation
FireAlarm System Design & Drawing.



### M/S FAKIR TEXTTILE MILLS

Location: Choto Godairchor, Madobdi, Norshindhi, Dhaka. PROJECT NAME: Detail Engineering Assessment (DEA) Retrofitting Design & Drawing

SF Sweater Ltd

### **SF SWEATER LTD**

Location:Gazipur, Dhaka.
Factory Name: SF Sweater Ltd.
PROJECT NAME:
Existing Building Electrical Safety
Consultancy.



### DHL

Location:Gulshan, Dhaka.
Project Name: Fire Safety
PROJECT DETAILS:
Existing Building Fire Safety Design
Consultancy.



### IERKIN GROUP

Location: AtturerDipo, Chittagong.
Factory Name: **Ettade Jeans Ltd.**PROJECT NAME:
Existing Building Electrical Safety
Consultancy
As-Built Single LineDiagram (SLD)
Earthling Layout Plan



### **Generation Next Fashions Ltd.**

Location: Building # 348,Road # 05,DOHS Baridhara,Dhaka-1206Project Name: GPS PROJECT DETAILS:

Existing Building Structural, Fire, Electrical Safety Design Consultancy, Material Supply & Commissioning.



### Comfit Composit Knit Ltd.

Location: Gorai, Mirzapur PROJECT NAME: Structural & Architectural Design & Drawing



### Talisman Ltd.

Location: Vadail Road, Bailpayl PROJECT NAME: Existing Building Electrical Safety Consultancy, LPS supply & installation



### Helicon Ltd.

Location: Bailpayl
PROJECT NAME:
Existing Building Electrical Safety Consultancy,
LPS supply & installation



### Fashion.com Ltd. (Woven)

Location: Durgapur, Baro Rangamatia PROJECT NAME:

LPS design, drawing, material supply & installation. Existing Building Electrical Safety Consultancy. As Built Full Building Drawing



### Hayat Fashion Ltd.

Location: 13, Mayakanan, Bashabo
Project Name: DEA
PROJECT DETAILS:
Existing Building Structural Safety Design
Consultancy. Retrofitting work.



### Latest Garments Ltd.

Location: Joydevpur, Gazipur. PROJECT NAME:

LPS design, drawing, material supply & installation. Existing Building Electrical Safety Consultancy. As Built Full Building Drawing



### Polygon Fashion Ltd.

Location: 13, Mayakanan, Bashabo Project Name: DEA PROJECT DETAILS:

Existing Building Structural & Fire Safety Design Consultancy, Material Supply & Installation.

### PHOTO GALLERY OF STRUCTURAL SAFETY





FIGURE:-DEA, CORE CUTTING OF SLAB (POWERTEX FASHION LTD, GAZIPUR)





FIGURE:-DEA, REBAR CHECK FORSLAB (POWER TEX FASHION LTD, GAZIPUR)





FIGURE :- COLUMN RE-BAR CHECK & SOIL TEST (POWERTEX FASHION LTD, GAZIPUR)





FIGURE: -SAMPLE COLLECTION FOR SOIL TEST & EXCAVATION WORK (POWERTEX FASHION LTD, GAZIPUR)

### PHOTO GALLERY OF STRUCTURAL SAFETY



FIGURE: - RETROFITTING OF COLUMN DEA, (FAKIR TEXTILE MILLS, NORSHINDI)



FIGURE: -RETROFITTING FOR ELEMENTS OF STRUCTURE (FAKIR TEXTILE MILLS, NORSHINDI)





FIGURE: -RETROFITTING FOR ELEMENTS OF STRUCTURE (FAKIR TEXTILE MILLS, NORSHINDI)



FIGURE: - RE-BAR SCAN FOR DIFFERENT ELEMENT OF STRUCTURE (BAY CREATION LIMITED, NARAYANGANJ)

### PHOTO GALLERY OF STRUCTURAL SAFETY









FIGURE: -RETROFITTING FOR ELEMENTS OF STRUCTURE (ZXY APPARELS MANUFACTURING LTD., CEPZ)

FIGURE: -RETROFITTING FOR ELEMENTS OF STRUCTURE (ZXY APPARELS MANUFACTURING LTD.,CEPZ)





 $\begin{array}{c} \text{FIGURE: - NDT TEST FOR STRUCTURE } \\ \text{ELEMENT} \\ \text{2013} \end{array}$ 





FIGURE: - PLUMBING WORKS 2012

### PHOTO GALLERY OF ELECTRICAL SAFETY

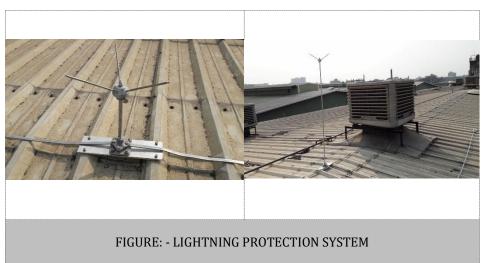
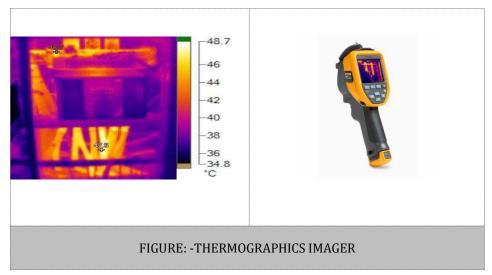




FIGURE: - GROUND WORK FOR LIGHTNING PROTECTION SYSTEM





### PHOTO GALLERY OF ELECTRICAL SAFETY









FIGURE: - SLD REMEDIATION WORK 2014 ISLAM GARMENTS

FIGURE: - ELECTRICAL REMEDIATION WORK 2014 VINTAGE DENIM









IGURE: - ELECTRICAL REMEDIATION WORK 2015 HOP PIC

FIGURE: - ELECTRICAL REMEDIATION WORK 2015 HOP PIC

### PHOTO GALLERY OF FIRE SAFETY









FIGURE: - FIRE DOOR AND ACCESSORIES FOR GENARATION NEXT FASHIONS LTD.

FIGURE: - HYDRANT SYSTEM AND ACCESSORIES









FIGURE: - FIRE DOOR AND FIRE SAFETY TRAINNING

FIGURE: - HYDRANT SYSTEM TEST

## ON GOING PROJECTS







Orix Washing Project, Uttara.



Powertex Fashions Ltd. Gazipur.

# FIGURE: -NEW GREEN FACTORY BUILDING, (BAY CREATION LIMITED, NARAYANGANJ)



6 storied RCC, Aftab Nagar



6 storied RCC, Aftab Nagar

# FIGURE: - NEW FACTORY BUILDING OF ORIX WASHING PROJECT & POWERTEX FASHIONS LTD



Fraulin Fashion Ltd., Savar



Fraulin Fashion Ltd., Savar

### PHOTO GALLERY OF REAL ESATE (IDC)





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FIGURE: - IDC SERINITY @ MALIBGH, DHAKA

FIGURE: - IDC Hatuvanga @ Tangail 2nos 12 storied Tower

## ON PROCESS PROJECTS



FIGURE: -IDC SANTIR NIR @ EID GAGH, CTG



FIGURE: -PUBACHOL SITE OFFICE



FIGURE: - NAVY HEADQUATER OFFICE SPACE



FIGURE: - TAX OFFICE

# **FEW OF OUR INTERIOR WORKS**

### **\*** 1

Title	Interior Work of Navy Headquarter
Location	Navy Headquarter, Banani, Dhaka.
Client	Bangladesh Navy
Category	Interior
Type	Office Interior
Work Area	8500 sft
Year	2017.

# PHOTO GALLERY OF NAVY HEADQUARTER





# PHOTO GALLERY OF NAVY HEADQUARTER





# **\*** 2

Title	Interior Work of Tax Office
Location	Kawran Bazar, Dhaka.
Client	National Board of Revenue
Category	Interior
Type	Office Interior
Work Area	4500 sft
Year	2017.

### PHOTO GALLERY OF TAX OFFICE





# **\*** 3

Title	Interior Work of Woozaar Media Production
Location	Niketon, Dhaka.
Client	Bright Fire
Category	Interior
Type	Office Interior
Work Area	1800 sft
Year	2018.

### PHOTO GALLERY OF WOOZAAR MEDIA PRODUCTION





### PHOTO GALLERY OF WOOZAAR MEDIA PRODUCTION





Level # -B-7, Rupayan Kamaruddin Tower, Plot: B/A-20, Holding: 8/A, DIT Road, Malibagh Chowdhury Para, Dhaka-1219. Telephone: +880-1728895909; +880-1708532180

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