Global Standard Engineering and Project Solution
Company Introduction

Background
Started in 2004 as an offshore engineering design service provider for Large EPC companies in Europe, the founders of BDDE later diversified its business as Engineering and Turnkey Contractor along with Reliable Product Trading for industrial sectors in the Local Market. Since then it is serving to prestigious/major industrial projects with turnkey engineering solution and Quality Product and achieved Good reputation for the commitment of timely project hand over, Zero Fatality, Excellent performance, reasonable price and after sales service.

Vision
Our vision is to provide Global Standard Engineering solution and products for Industrial Projects worldwide through development of human resource.

Mission
To be an outstanding company and dominant player among the peers and delight the customers through products and services with continuous improvement.

Business Divisions
- Engineering and Construction Division
- Industrial Product & Trade Division

Total Permanent Employee: 70 nos
Contractual Employee: 100-700 nos

Type of company: Private Limited

Licenses and Certifications:
- Incorporation Certificate
- Trade License
- TIN, BIN, IRC
- ABC Contractor License
- Trade Mark Certificate
- Bureau Veritas certified WQR, WPQR, Lifting gears Certificates
- ISO 9001:2015 (On process)

Practicing Codes and Standards

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Engineering and Construction Division Activity

**Engineering and Turnkey Project Services:**

- Plant Design And Detail Engineering
- Plant Mechanical BOP/MEP/Utility System Package
- HVAC, Clean Room, Cold Storage EPC package
- Captive Power plant /Heat Recovery /Cogeneration EPC package
- Electrical Substation, SG, wiring and Instrumentation package

**Plant Construction and Shop Fabrication Services:**

- Pipeline and Duct
- Field Erected Tank (API 650)
- Shop Fabricated Tank, Vessel, Calorifier (API/ASME/Hygienic)
- Chimney, Structure,
- Blasting and Painting
- Thermal Insulation
- Heavy Lifting and logistics
- Electrical wiring and Installation
Industrial Product and Trade Division Activity

Our Products:
- Valves and Accessories, support
- Pumps
- Instruments and Automation
- Pipe, Fittings and steel material
- Shop Fabricated Metallic Tank

Activities:
- Importer and Stockist
- Sales and Marketing
- Trading
- Sourcing and Supply
- Service

Brands We Deal:

Engineering - Optimization - Performance
Our Achievements

- **1200 MW** total power generation project involvement with Different Engineering, Supply and Construction services which are now lighting up Bangladesh.

- **13,40,000 Sft** Pharmaceutical and Other Facility MEP/Utility and HVAC system involvement with different Engineering, Supply and Construction service which are now in Operation.

- **23,000 M3** Capacity storage tanks, construction completed in total including engineering and supply, now are in operation.

- **2000 RT** HVAC system project involvement in total which are running smoothly with desired performance.

- **17000 MT** steel Detailing and Fabrication done in total with certified welder now in service.

- **4,97,000 ft** pipeline system Engineering, Supply and Construction done for Power, Pharma and Process industries now in operation.

- ‘**0’** fatality since we started Business proves our strict safety policy.

Our Clients

- Wartsila
- Godrej
- Confidence Power
- Dabur
- ANIMA
- Energypac
- Oponin Pharma
- Marico

- ABB
- MGI
- CG Foods
- General Pharmaceuticals Ltd.
- Damodar
- Holcim

- ACI Limited
- Orion Power Chdka Ltd.
- Popular
- Nestle
- Clarke Energy
- ASM
- TSK
- Technofab Engineering Limited

- ACME
- EDCL
- Mamiya-OP
- Bashundhara Group
- Incepta Pharmaceuticals Ltd.
- Unilever
- Linde
Organogram and Key Persons

Managing Director
- Engr. Nur Afzal Ahmed
- Noor Neaz Ahmed
- Engr. Md Ataur Rahman

Director (Commercial & Admin)
- Accounts/HR/IT
- Factory Facility/Inventory
- Transport & Logistic
- Commercial

DGM Engineering and Construction
- SHEQ
- Drafting/Design
- Project and Service
- Project Coordinator
- Site in Charges

Manager Industrial Product and Trade
- Sales and Service
- Warehouse/Production

Site Team

Our Speciality
- Own Workshop Facility very close to Dhaka, consist of modern Tools, equipment, Fabrication and testing Facility including Radiographic test, Dye penetrant test, Vacuum Box text, Hydrostatic test rig, pump performance test rig, Sand Blasting Facility.
- Reliable suppliers and Partners in major manufacturing and business hub world wide for large procurement project and Trading
- Strict Quality Assurance Plan, All New Quality Raw Materials and components with MTC, Certified Welders
- Approach of Reasonable Price and Professional Service
Engineering and Construction Division Services Highlights

(For Detail Brochure and Portfolio of Specific Service Please ask BDDE Representative)
Engineering and Turnkey Project Services

Plant Design and Detail Engineering Service Highlights

**Services:**

- Plant or Facility Layout Design and Engineering
- Plant Mechanical System (Tank, Equipment, Piping, structure) Detail Design and Engineering
- MEP/Fire/HVAC system detail Design and Engineering
- Civil and Foundation design and Engineering
- Electrical Detail Design and Engineering

For Detail Brochure or Portfolio Please ask BDDE Representative
Engineering and Turnkey Project Service

We can undertake Turnkey Project based on client procure the major production or process equipment and provide the core process, Basic design, utility demand, Room Data sheet etc. Then we do the rest of project role from detail engineering, BOQ, Procurement and Construction works in close coordination with the process/equipment supplier, other vendors and client technical team to make the plant or equipment successfully operate.

Key Feature:
• Control of Project cost
• Reduction of Project Time
• Single point Coordination and responsibility

Plant Mechanical BOP Package

 MEP/Utility System Package

Karnaphuli Power Ltd 110 MW IPP Project All Mechanical BOP Works Complete with Detail Engineering, Supply and Construction

Orion Pharma Ltd Shidhiganj unit all Mechanical and Electrical Utility System Package complete with Detail Engineering, Supply and Construction

Marico Bangladesh Lt Mechanical and Utility System Package complete with Detail Engineering, Supply and Construction
Engineering and Turnkey Project Service
HVAC, Clean Room And Cold Storage EPC Package Highlights

- HVAC System for commercial and industrial Facility
- Accurate Humidity, Temperature, Pressure, Particle control for Clean Room application
- Process Chilled Water System
- Engine Hall Temp Control/ Ventilation System
- 100% Fresh air with heat Recovery System for Fume/Dust Control

Next Accessories Ltd 400 RT System in USGB Compliance Factory RH <55%, Temp<23

Marico Bangladesh Ltd 120 TR system in Baby Oil Production Area- RH <45% and Temp <23

Mamiya OP BD Ltd (USA-JAPAN joint Venture) 120 TR, 100% FA system in Painting and Cutting Area- RH <45% & Temp <23
Engineering and Turnkey Project Service

Captive Power plant/Heat Recovery/Cogeneration System EPC (upto 10 MW)
Substation, Switchgear Industrial wiring and Instrumentation

Picture of some completed relevant jobs
Plant Construction and Shop Fabrication

Field Erected Tank

Pipeline and Duct

Key Features:
- Detail Engineering, Stress Analysis, Isometric/Spool Drawing, Fabrication Drawing
- Procurement, Fabrication, Erection, Blasting, Painting, Insulation, Heat Tracing, Tank Heating
- Steam, Fuel, Oil, Chemical, Petro-Chemical, Gas, Cryogenic, Fire, Water
- WPS, WPQR, WQR, NDT, QAP etc as per relevant codes and standard (API / ASME)

Major Pipeline Jobs:
1. All Utility pipeline works at General Pharmaceuticals Ltd unit-2
2. Piping works at 2X 110 MW Confidence Power Bogra Unit 1 & Unit 2
3. Pipeline and Duct Work at Baraka Patenga power ltd and Karnaphuli power ltd.
4. Utility Piping work of Incepta BioScience Ltd
5. PW, WFI, PS and Other Utility Pipeline work at Opsonin Barishal Plant MDI Facility
6. Total Process Piping (Shampoo, Face Wash, Baby Oil, Lotion, Food Grade Oil) at Marico Bangladesh Ltd.
7. Total Piping for Orion Pharma Ltd, Shidhirgang Plant.
8. Piping works at 53 MW Zodiac Power Plant Ltd.

Major Tank Jobs:
1. 2 X 6000 KL Fuel Storage Tank for Baraka Group at Patiya Chittagong project.
2. Double Layer (SS & CS) Liquid Oxygen Tank, Linde BD
3. 4x1000 KL Coconut Oil Tank at Marico Bangladesh Ltd.
4. Oil Tanks for Padma Group
5. Tanks for ACI Salt, Rupgonj Plant
6. DM Water SS Tank and Diesel Tank for Confidence Power
7. Diesel Tank for Opsonin Pharma Ltd
8. Fire Water & Condensate Tank for Ashugang Power Plant

For Detail Brochure or Portfolio Please ask BDDE Representative
Plant Construction and Shop Fabrication

- All New Quality Raw Materials and components with MTC
- Global Standard Engineering and Design
- Modern manufacturing facility & Certified Welders
- Practicing Code and Standard: API 650, ASME BPV Code, SMACNA, TEMA, AISC,ASTM, GB, IS
- Radiographic test, Dye penetrant test, Vacuum Box text, Hydrostatic test, Blasting and Painting Facility

Diesel Tank, Hot Water Calorifier, Feedwater Tank, Blowdown Vessel, Fabricated By BDDE at GPL, INCEPTA, EDCL

For Detail Brochure or Portfolio Please ask BDDE Representative

Process Vessel, Chimney, Plant Structure Vessel Fabricated By BDDE At ACI Salt, Baraka Patenga Power Ltd, Karnaphuli Power Ltd
Plant Construction and Shop Fabrication

Insulation

Blasting and Painting

Scaffolding

Heavy Lifting and logistics

Some Pictures of our Insulation, Blasting, Scaffolding, Lifting and Logistic Jobs at Linde Bangladesh, Holcim Cement, Confidence Power Bogra, Karnaphuli Power

Capability
- Certification for lifting equipment, Materials and Personnel
- Ensure Reliable Safety measures
- Coordination of challenging Logistic Projects

For Detail Brochure or Portfolio Please ask BDDE Representative
Plant Construction and Shop Fabrication

Civil Construction Works:
• 10 Storied Nurjahan Tower commercial Building Construction including Civil, MEP and Interiors
• Tanks Foundation Construction at Padma Group of Converters
• 3 Storied Factory and Warehouse Building for Myone Ltd
End User Certificates, Licenses and Quality Documents
Thank You
www.bdd-engineers.com