



Engineering a Sustainable Future



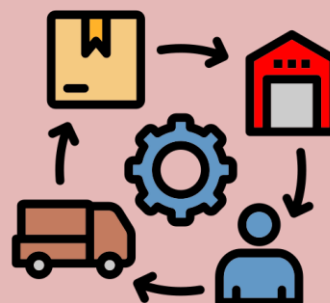
Energy & Sustainability



MEP Design



Electrical & Fire Safety



Supply & Installation

Raaida Engineering

Company Profile

About Raaida Engineering

Raaida Engineering is a dynamic and forward-thinking proprietorship firm dedicated to providing exceptional solutions in the energy, sustainability, and building services sectors in Bangladesh. Founded on a bedrock of deep technical expertise and extensive industry experience, we are committed to driving efficiency, ensuring safety, and promoting sustainable practices in every project we undertake.



Our strength lies in our team of seasoned professionals, including certified energy auditors, and expert design engineers who bring a wealth of knowledge from years of hands-on experience. We pride ourselves on our client-centric approach, delivering customized, innovative, and cost-effective solutions that meet the unique challenges of each project. At Raaida Engineering, we don't just offer services; we build lasting partnerships based on trust, integrity, and a shared vision for a greener, more efficient future.



General Information

Item	Description
Name of Firm	Raaida Engineering
Type of Organization	Proprietorship
Proprietor	Masuma Akter
Year of Establishment	2019
Trade License No.	TRAD/DNCC/049169/2023
Head Office	239, West Monipur, Mirpur, Dhaka-1216, Bangladesh
TIN	892763294938
Website	https://raaida.com

Vision & Mission

Our Vision

To be a leading and trusted engineering consultancy in Bangladesh, recognized for our commitment to sustainability, innovation, and excellence in creating safe and energy-efficient environments.



Our Mission

To deliver comprehensive, state-of-the-art engineering consultancy, design, and supply services that empower our clients to achieve their goals. We are dedicated to upholding the highest standards of quality, safety, and professional integrity while fostering sustainable development for our community.



Message from the Proprietor

Welcome to Raaida Engineering.

We established this firm with a clear goal: to make a tangible impact on the engineering landscape of Bangladesh by championing sustainable and efficient practices. Our journey is driven by a passion for excellence and a commitment to providing solutions that are not only technically sound but also environmentally responsible. We believe in the power of collaboration and are dedicated to working closely with our clients to turn their vision into reality. Thank you for considering Raaida Engineering as your trusted partner.

Masuma Akter
Proprietor



Our Core Services

Raaida Engineering offers a specialized portfolio of services designed to meet the evolving needs of the industrial, commercial, and residential sectors.

A. Energy, Sustainability & Environmental Consultancy

- Investment-Grade Energy Audits
- Energy Efficiency Assessments for Green Financing (BB Green Transformation Fund, SREUP)
- Decarbonization and Emission Reduction Strategies
- Sustainability Management and Reporting
- Environmental Impact Assessments (EIA)
- Renewable Energy (Solar PV) Feasibility Studies & Technical Due Diligence



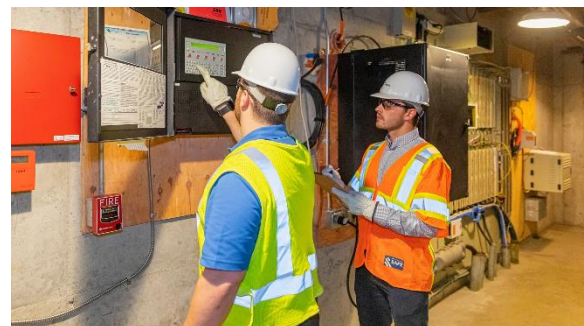
B. MEP (Mechanical, Electrical & Plumbing) Design Consultancy

- Comprehensive Electrical System Design (Substation, Distribution, Lighting)
- Plumbing and Water Management System Design
- HVAC (Heating, Ventilation, and Air Conditioning) System Design
- Fire Detection and Protection System Design
- Preparation of BoQ, Tender Documents, and Technical Specifications
- Construction Supervision and Project Management



C. Electrical, Fire & Structural Safety Consultancy

- Detailed Electrical Safety Assessments as per BNBC and ACCORD/RSC standards.
- Fire Safety Audits and Evacuation Planning.
- Structural Integrity Assessments and Retrofitting Recommendations.
- Hazard Identification and Risk Assessment (HIRA).



D. Supply & Installation Services

- Supply of high-quality Electrical Distribution Boards, Panels, and Switchgear.
- Substation Equipment Supply and Turnkey Installation.
- Complete Building Wiring and Electrical System Installation.
- Installation of Fire Detection and Alarm Systems.



Our Experience & Project Portfolio

The strength of Raaida Engineering lies in the profound and diverse experience of its key personnel. The following is a selection of projects successfully executed by our team members, demonstrating our capability to handle complex and high-stakes assignments.

A. Energy & Sustainability Projects

Project Name	Client / Beneficiary	Scope of Services
Scalezero	Part of the Solution GmbH (for OTTO Supply Chains)	Skill development, energy/emission assessments, decarbonization strategy.
Green Supplier Program	Part of the Solution GmbH (for KiK Supply Chains)	
Energy Audit for BERC Compliance Requirement	Islam Knit Designs Ltd	Detailed energy audit and efficiency improvement recommendations for captive power plant
	MEP Birds (for Abir Fashions)	
Energy Audit for KGDCL Compliance Requirement	TÜV Austria Bureau of Inspection & Certification (Pvt.) Limited (for Yunusco T&A (BD) Ltd.)	Detailed energy audit and efficiency improvement recommendations for all- natural gas consuming equipment including captive power plant and steam generation plant
Energy Audit for KGDCL Compliance Requirement	TÜV Austria Bureau of Inspection & Certification (Pvt.) Limited (for S M Plastic Industries Limited)	Detailed energy audit and efficiency improvement recommendations for all- natural gas consuming equipment including captive power plant and steam generation plant
Level II Detailed Energy Audit	South End Sweater Co. Ltd	Detailed energy audit and efficiency improvement recommendations for full facility including captive power plant, steam generation plant, and all electrical and thermal
	Sterling Apparels Ltd	
	TUV SUD Bangladesh (Pvt.) Ltd. (for DC Office, Rangpur, Government of the People's Republic of Bangladesh)	

		equipment.
Level II Detailed Energy Audit	Part of the Solution GmbH (for Pakiza Knit Composite Ltd.)	Detailed energy audit and efficiency improvement recommendations for full facility including captive power plant, steam generation plant, and all electrical and thermal equipment.
	Part of the Solution GmbH (for Cotton Club (BD) Ltd.)	
	Part of the Solution GmbH (for Graphics Textiles Limited)	
	Part of the Solution GmbH (for Ha-Meem Textiles Limited (HTL))	
	Part of the Solution GmbH (for Islam Knit Designs Ltd)	
	Part of the Solution GmbH (for Oasis Fashion Ltd.)	
	Part of the Solution GmbH (for Louietex Manufacturing Limited)	
	Part of the Solution GmbH (for Jeans & Polo Ltd.)	
	Part of the Solution GmbH (for Seasons Dresses Limited)	
	Part of the Solution GmbH (for Mayc's Garments Limited)	
	Part of the Solution GmbH (for Amena (Pvt) Limited)	
	3R Environmental Consulting Limited (for Titas Sweatewr (Knitting Unit))	
	3R Environmental Consulting Limited (for Titas Sweater Industries Limited)	
	Part of the Solution GmbH (for IFS Texwear (Pvt.) Limited)	

Level II Detailed Energy Audit	3R Environmental Consulting Limited (for Space Sweater Limited)	Detailed energy audit and efficiency improvement recommendations for full facility including captive power plant, steam generation plant, and all electrical and thermal equipment.
	3R Environmental Consulting Limited (for Meditex Knitwear Limited)	
	3R Environmental Consulting Limited (for Meditex Industries Limited)	
	3R Environmental Consulting Limited (for Odessa Fashion Limited (Unit-2))	
	3R Environmental Consulting Limited (for Odessa Fashion Limited)	
	3R Environmental Consulting Limited (for Radiance Knitwear Limited)	
Energy Audits for Equipment Financing (Over 40+ Factories)	ZTENCO Ltd., Ananta Group, Echotex Ltd., DBL Group, Team Group etc.	Energy efficiency assessments for Bangladesh Bank's green financing schemes.
Energy Audits for Rooftop Solar Financing (Over 20+ Factories)	ZTENCO Ltd., Ananta Group, Echotex Ltd., DBL Group, Team Group etc.	Energy efficiency assessments for Bangladesh Bank's green financing schemes.
Decarbonization Project for various RMG factories	Part of the Solution GmbH (Germany)	Emission assessment and reporting for the supply chain of European brands.

B. MEP Design & Supervision Projects

Project Name	Client	Scope of Services
Chittagong Bay Terminal	Symbiotic Architect (for Chittagong Port Authority)	Design of 132kV/11kV substation, port lighting, and power distribution for port

		equipment.
Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN)	ZTENCO Limited for (Bangladesh Economic Zones Authority)	Design of 33kV/11kV substation, electrical distribution network, and lighting systems.
Commercial Building of Padma Oil Company Limited at Paribagh, Dhaka	Padma Oil Company Limited	Complete MEP system design and supervision for a specialized Commercial Building.
Building D of University of Liberal Arts Bangladesh (ULAB)	University of Liberal Arts Bangladesh (ULAB)	Full MEP (Mechanical, Electrical, Plumbing) design and supervision for a world-class campus.
Concept Knitting Limited	ZTENCO Limited (for MASCO Group)	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Mechanical, Electrical & Firefighting System
Jashore Airport Passenger Terminal Expansion	Electro Mechanical Control Services (for Civil Aviation Authority of Bangladesh)	Electrical system design and supervision for airport terminal expansion.
A R Jeans Producer Ltd. (LEED Platinum Factory)	Electro Mechanical Control Services (Fashion Globe Group)	Electrical system design for a LEED Platinum certified industrial project.

C. Electrical, Fire & Structural Safety Projects

Project Name	Client / Beneficiary	Scope of Services
Electrical Safety Assessment Program	Multiple RMG Factories (for Accord/RSC Compliance)	Conducted detailed electrical safety assessments as per BNBC and ACCORD/RSC standards to identify and mitigate electrical hazards.
Fire Safety Audit & Evacuation Plan	Multiple RMG Factories (for Accord/RSC Compliance)	Performed a comprehensive fire safety audit, developed an emergency evacuation plan, and provided recommendations for system upgrades.

Structural Integrity Assessment	Multiple RMG Factories (for Accord/RSC Compliance)	Led a detailed structural integrity assessment of the factory building, including retrofitting recommendations for enhanced safety.
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D. Supply & Installation Projects

Project Name	Client / Beneficiary	Scope of Services
Turnkey Substation Equipment Installation	BTCL, Mirpur Branch	Managed the complete supply and turnkey installation of substation and generator switchgear equipment.
Electrical Distribution System Upgrade	JK Group	Supplied and installed new high-quality electrical distribution boards and panels to upgrade the main factory's power system.
Fire Detection System Installation	A Residential Complex in Mirpur	Completed the full installation and commissioning of a multi-zone fire detection and alarm system for a large apartment complex.
Complete Building Wiring Solution	A Commercial Office Space	Provided end-to-end building wiring and electrical system installation for a new multi-storied commercial office building.

Contact Us

RAAIDA ENGINEERING

Let's build a sustainable future together.

- **Address:** 239, West Monipur, Mirpur, Dhaka-1216, Bangladesh
- **Email:** raaida.engineering@gmail.com
- **Phone:** [+880 1720 802803](tel:+8801720802803)
- **Website:** <https://raaida.com>