



# ZTENCO LIMITED BROCHURE

Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world.

Albert Einstein!!!

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**ZTENCO**

... a team with attitude !!!

## **ABOUT ZTENCO LIMITED !!!**

ZTENCO LIMITED is a company characterized by a qualified team possessing vast experience in the power, energy, and industrial sectors, both domestically in Bangladesh and on the international stage.

Founded by distinguished and technically proficient professionals, ZTENCO boasts a team of experts encompassing electrical engineers, electronic engineers, mechanical engineers, plumbing engineers, electrical safety auditors, certified energy auditors, operation and maintenance specialists, project management professionals, construction management experts, financial analysts, business development specialists, and more. Additionally, ZTENCO maintains an active network of associate consultants and advisers who bring valuable expertise from diverse fields.



Established in 2017, ZTENCO Limited has built a robust reputation in the power and energy sector, as well as the engineering industry. It stands out as a promising consulting company in Bangladesh, providing a varied spectrum of design and engineering consultancy services to both the public and private sectors in the country.





## General Information of the Firm:

Name of Firm	ZTENCO Limited
Acronym	ZTENCO
Chairman	Md Atiquzzaman
Managing Director	Md Shamsul Alam
Year of Establishment	January 2017 (as ZTENCO)
Age of the Firm	6+ years
Type of Organization	Private Limited Company
Company Registration No.	No. C-166477/2020 (under Act XVIII of 1994)
Trade License No.	TRAD/DSCC/039950/2020
Tax Identification No.	748120415051
Business Identification No.	003652742-0208
Head Office	Dhaka, Bangladesh
Website	<a href="http://www.ztenco.com">www.ztenco.com</a>

## WHO WE ARE !!!

ZTENCO LIMITED is a privately owned engineering consultancy and construction company operating in Bangladesh, specializing in the following service areas: Design, Engineering, and Consultancy Services for Power, Energy, Industrial, and Infrastructure Sector Projects. ZTENCO is a uniquely formed company with a strong nucleus of experienced professionals whose success has been built from over 30 years of experience. ZTENCO delivers a demonstrated ability to successfully compete with the technical and managerial breadth of larger organizations, while providing the various small and medium business services. ZTENCO has gained a growing list of repeat clients, with a reputation as a "get it done" company.

ZTENCO's philosophy is rooted in the pursuit of excellence, integrity, and sustainability. We are committed to providing a diverse range of engineering and consultancy services, including Technical and Financial Feasibility Studies, Environmental Studies, Grid Impact Studies, Owner's Engineering, Project Management Consultancy, Energy Audit, Electrical, Fire and Structural Safety Assessment, as well as MEP Design and Supervision Consultancy. Our core principles guide us in delivering unparalleled value to our clients and fostering a positive impact on the industries and communities we serve.



### **MISSION STATEMENT !!!**

"To provide innovative engineering solutions and exceptional consulting services that empower our clients to succeed in their projects. We are committed to delivering superior quality, fostering sustainable practices, and fostering long-term partnerships, while maintaining the highest standards of professionalism and ethics."



### **VISSION STATEMENT !!!**

"To be a recognized leader in engineering and consulting, driving transformative changes in the industries we serve. We strive to be the first-choice partner for clients seeking reliable, efficient, and cutting-edge solutions. Through our expertise and dedication, we aim to shape a better future, making a positive impact on the communities and environment we touch."

## DIRECTORS OF ZTENCO LIMITED !!!

### **Md Atiquzzaman**

Chairman

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Mr. Md Atiquzzaman is graduated in Mechanical Engineering from Bangladesh University of Engineering and Technology (BUET) in 1983 and completed his MBA in Finance from Dhaka University. He has 35 years of experience in Energy Infrastructure Sector under different Companies of Petrobangla and 3 years in the Financial Sector at Bangladesh Infrastructure Finance Fund Limited (BIFFL), a Company under Ministry of Finance. He has served around 7 years as the Managing Director of - Gas Transmission Company Limited (GTCL), being responsible for Implementation, Operation and Maintenance of High pressure Natural Gas Pipeline Infrastructure in Bangladesh, - Bangladesh Petroleum Exploration & Production Company Limited (BAPEX), being responsible for Exploration and Production of Hydrocarbon in Bangladesh and as Executive Director & CEO of Bangladesh Infrastructure Finance Fund Limited (BIFFL), to facilitate in financing PPP Infrastructure Projects. Having more than 35 years of corporate experience in Energy Infrastructure (Up-stream/ Mid-Stream/ Down-stream) Sector, he has obtained considerable experience in the fields of Pipelines and Facilities Design, Material Engineering, Preparation of Bid documents for procurement under ADB financed Projects, for Pipeline Construction and Turn-key Contracts, Bid evaluation thereof, Flow Control and Measurement, Natural Gas Plant Erection, Testing and Commissioning, System Operation and Maintenance, Load Management, Vigilance Activities and Liaison with different Government/ Semi-Government/ Private organizations and Donor Agencies. He has successful track record of implementing 2(two) ADB & GOB-Financed Projects, namely, "System Loss Reduction of TGTDCCL" and "Supply Efficiency Improvement of TGTDCCL" as Project Director for more than 5 years and "Greater Titas Franchise Area Gas Distribution Project (Phase-4)", a Company-Financed Project of TGTDCCL as Project Manager for more than 3 years. He was involved in preparation of "Gas Sector Master Plan", as a member of the Steering Committee formed by the Government of the People's Republic of Bangladesh. He was also a member of the study team responsible for conducting "Techno-economic Feasibility Study for supply of Natural Gas to the western region of Bangladesh".



**Md Shamsul Alam**  
Managing Director

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Mr. Md Shamsul Alam is graduated in Mechanical Engineering from Bangladesh University of Engineering and Technology (BUET) and has more than 33 years of power generation and industrial experience. He has completed many feasibility study and pre-feasibility study projects as a Team Leader/ Deputy Team Leader/ Project Coordinator, which includes the Payra 1320MW Coal Fired Power Plant Project of NWPGL, Sirajganj 225 MW Dual Fuel Combined Cycle Power Plant (2nd Unit) of NWPGL, Madhumati 108 MW HFO Based Power Plant of NWPGL, proposed Munshiganj 600-800 MW Coal Fired Power Plant of EGCB and Jolshiri Abashon Project of Army Housing (Township Project). He has conducted Owner's Engineering or Construction Supervision Services for Madhumati 100 MW HFO Based Power Plant, Ghorashal 365 MW Combined Cycle Power Plant (CCPP), Balloki 225 MW CCPP (in Pakistan), Konaseema 450 MW CCPP (in India) and Kerawalapitiya 300 MW HFO Fired CCPP (in Sri Lanka), Mymensingh 60 MW Gas Turbine Based Power Plant. He has also worked in maintenance of power plants, such as Haripur 360 MW CCPP and Meghnaghat 450 MW CCPP. He has worked as Lender's Independent Engineer for many HFO Gas Fired engine based and a combined cycle power plant.

### WHAT ZTENCO DOES !!!



ZTENCO specializes providing the Engineering Consultancy and Construction Services related to the Owner's Engineering or Project Management Consultancy, Technical and Financial Feasibility Study, Technical Due Diligence, Energy Audit, Water Audit, Carbon Audit, EE&C Plan, Energy Management, Environmental Study (IEE, EIA, SIA, ESMP, DIA, RAP, LAP, etc.), Grid Impact Study, System Analysis, Automation Engineering, Green Energy and Sustainability, Renewable Energy Solutions, Electrical, Fire & Structural Safety Assessment, Third Party Inspection, MEP Design and Supervision, Supply and Installation, EPC Services, etc.

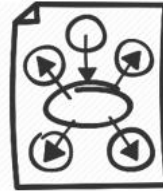
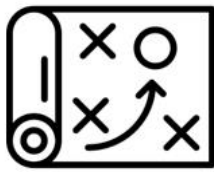
ZTENCO also associates with International Consulting Firms, Manufacturers, Suppliers, Distributors, Trading Houses, and Selling Agents to provide complete solutions according to the Client's requirement.



**ZTENCO LIMITED STRUCTURE !!!**



## ZTENCO LIMITED STRATEGY !!!



ZTENCO LIMITED, upon being awarded a contract, organizes and set up an effective management and supervision team that is structured specifically for each project. The project team will be drawn from the technical and management resources within ZTENCO professionals to provide personnel with the necessary skills required for each stage of the project. The team will produce a strategy for the contract and identify the critical success for the project.





**ZTENCO LIMITED PROJECT LIST !!!**
**A. Owner's Engineering Services or Project Management Consultancy:**

<b>Project</b>	<b>Duration</b>	<b>Location</b>	<b>Client</b>	<b>Scope of Services</b>
Owner's Engineer Services for Madhumati 100MW HFO Based Power Plant Project (including 132kV Single Circuit Transmission Line)	February 2018 – April 2019	Mollahat, Bagerhat, Bangladesh	North-West Power Generation Company Limited (NWPGL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.
Owner's Engineering Services for Teesta 200 MW AC Solar PV Project	October 2021 – April 2023	Gaibandha, Bangladesh	Beximco Power Company Limited [ZTENCO worked as Sub-Consultant of Tractebel Engineering Private Limited]	Construction Supervision including QA & QC of civil works for 37km Transmission Line and Solar Power Plant Site Construction including embankment.
Owner's Engineer of Sirajganj 68 MW Solar Park Project	October 2022 – Ongoing	Sirajganj, Bangladesh	Bangladesh - China Renewable Energy Company (Pvt.) Limited (BCRECL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.
Owner's Engineer of Pabna 60 MW Solar Park Project	October 2022 – Ongoing	Pabna, Bangladesh	Bangladesh - China Renewable Energy Company (Pvt.) Limited (BCRECL)	Review Design and EPC Contract Document, Project Administration, Quality Assurance Management, Construction Supervision and Management, Work Planning and Schedule Control, Commissioning, Witness Completion and Guarantee Performance Test, etc.

Consultancy Services for Design and Supervision of Power Network and Gas Network for Bangabandhu Sheikh Mujib Shilpa Nagar (BSMSN) Development Project, BEZA	June 2023 – January 2024	Mirsarai, Chattagram	BEZA under Bangladesh Private Investment & Digital Entrepreneurship Project (PRIDE); [ZTENCO is the Sub-Consultant of CHEIL – YOOSHIN – EPC JV]	Design and Supervision of the Power Network and Gas Network of the BSMSN Development Project, BEZA, in accordance with the project requirements.
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## B. Technical and Financial Feasibility Study:

Project	Duration	Location	Client	Scope of Services
Consultancy Services for Pre-Feasibility and Feasibility Study of Madhumati 100MW HFO Based Power Plant Project	August 2017 – November 2017	Mollahat, Bagerhat, Bangladesh	North-West Power Generation Company Limited (NWPGL)	Detail Feasibility Study, Site Evaluation, HFO Sourcing and Transportation, Power Evacuation, Technology, Financial Analysis, etc.
Technical and Financial Feasibility Study; Design and Drawings of Electrical Distribution Network; Design and Drawings of Gas Transmission Network - of Jolshiri Abashon Project	August 2018 – December 2020	Narayanganj, Bangladesh	Shanghai Huadu Architecture & Urban Design Co., Ltd. (HDD Group), China under Jolshiri Abashon Project Authority	Preparation of Technical and Financial Feasibility Study Report; Preparation of Detailed Design & Drawings, BOQ and Technical Specifications for Electrical Distribution System Network and Gas Transmission System Network of Jolshiri Abashon Project.
Project Profile and Feasibility Study of a 5 MW Biomass Power Plant Project	June 2022 – September 2022	Ratanpur Mouza, Pabna Sadar Upazila, Pabna	MA Green Energy Limited	Detail Feasibility Study, Site Evaluation, Biomass Sourcing and Transportation, Power Evacuation, Technology, Financial Analysis, etc.
Feasibility Study for Electrical Interconnection Facility (EIF) and Gas Transportation Facility (GTF)	January 2023 – Ongoing	Gazaria, Munshiganj, Dhaka	EDRA Power Holdings Sdn Bhd (EDRA)  [ZTENCO worked as Sub-consultant of Adroit Environment	The objective of this study is to analyze the necessity and feasibility of the project and examine the following items: Project cost, Implementation plan, Procurement package, Technical and engineering analysis,

			Consultants Limited]	Alternative or Option analysis, Financial and Economic Analysis, Environmental and social impact, Feasibility of EIF and GTF and Preparation of Reports.
In-depth Monitoring of the "Construction of Narshingdi District Jail" Project. (Package: SR-25)	February 2023 – June 2023	Narshingdi	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
Consultancy Services as Consultant (Energy) for Preparation of Mithamoin and Atpara Upazila (Package No.: UTMIDP/UMPP-1) Master Plan under "Upazila Town (Non-Municipal) Master Plan Preparation and Basic Infrastructure Development Project (UTMIDP)", LGED.	November 2023 - Ongoing	Mithamoin, Kishoreganj & Atpara, Netrokona, Bangladesh	Local Government Engineering Department (LGED), Bangladesh  [ZTENCO is the Sub-consultant of Sheltech Consultants (Pvt.) Ltd.]	Prepare energy inventory, prepare sustainable energy management plan, suggest/design energy infrastructure, report preparation, etc.
Consultancy Services as Consultant (Energy) for Preparation of Monoharganj, Lalmai and Gowainghat Upazila (Package No.: UTMIDP/UMPP-2) Master Plan under "Upazila Town (Non-Municipal) Master Plan Preparation and Basic Infrastructure Development Project (UTMIDP)", LGED.	November 2023 - Ongoing	Monoharganj, Comilla; Lalmai, Comilla; & Gowainghat, Sylhet, Bangladesh	Local Government Engineering Department (LGED), Bangladesh  [ZTENCO is the Sub-Consultant of Sheltech Consultants (Pvt.) Ltd.]	Prepare energy inventory, prepare sustainable energy management plan, suggest/design energy infrastructure, report preparation, etc.
In-depth Monitoring of the "Construction of 34 nos. Buffer	December 2023 - Ongoing	Bangladesh	Implementation Monitoring and Evaluation	In-depth monitoring of procurement, quality of work, project delay (if

Godown at Different Places of the Country for Facilitating Fertilizer Reservation and Distribution (1st Revised)" Project. (Package No.SR-27)			Division (IMED), Ministry of Planning	any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.
In-depth Monitoring of the "Development of Bhola (Parantalukdarhat)-Charfashan (Charmanika) Regional Highway" project	December 2023 - Ongoing	Bhola, Bangladesh	Implementation Monitoring and Evaluation Division (IMED), Ministry of Planning	In-depth monitoring of procurement, quality of work, project delay (if any), increase of project cost, project risk, preparation of SWOT analysis, field level visit and survey, reporting, etc.

### C. Grid Impact Study:

Project	Duration	Location	Client	Scope of Services
Grid Interconnections Study for proposed 1200MW RLNG Based Combined Cycle Power Plant Project as IPP.	February 2019 – March 2020 (Intermittent)	Magnama, Cox's Bazar, Bangladesh	Consortium of PT Pertamina Power Indonesia, Marubeni Corporation and Intraco CNG Limited	Load flow study at different scenarios, Short Circuit Study, Dynamic power system model building of the proposed power plant including all power plant connected to Matarbari/ Magnama Power Hub, Plant performance under different contingencies, etc.
Grid Interconnection Study of Patuakhali 1320MW Coal Based Power Plant Project of RNPL	July 2019 – October 2020 (Intermittent)	Patuakhali, Bangladesh	RPCL-NORINCO Intl Power Limited	Load flow study at different scenarios, Short Circuit Study, Dynamic power system model building of the proposed power plant including all power plant connected to Patuakhali Power Generation Hub.
Grid Study for the proposed 50MW Solar Power Plant Project of Scatec Solar ASA, Norway	May 2020 – July 2020	Nilphamari, Bangladesh	Scatec Solar ASA, Norway  [ZTENCO worked as Sub-Consultant	Task 1: Preliminary load flow analysis (Grid Load Flow Study / Steady State Analysis); Task 2: Detailed Design Analysis (Data Collection and Network Modelling; PV Facility Load Flow Study / Steady State

			of AFRY Switzerland Limited]	Analysis; Power Factor Analysis / Reactive Power Capability; Short Circuit Study; Insulation co-ordination study; Dynamic Stability Analysis; Harmonic Analysis; Long Term Flicker Analysis; Task 3: Grid Code Compliance Electrical Study; Task 4: Grid Code Compliance Testing.
Grid Impact Study for Cox's Bazar 60MW Wind Power Plant Project	September 2022 – March 2023	Cox's Bazar, Bangladesh	US-DK Green Energy (BD) Limited	Steady State Analysis: <ul style="list-style-type: none"> <li>▪ Load flow study</li> <li>▪ Short circuit study</li> <li>▪ Contingency study</li> <li>▪ Reactive power compensation</li> </ul> Dynamic Analyses: <ul style="list-style-type: none"> <li>▪ Transient stability</li> <li>▪ Fault ride-through control</li> <li>▪ Active power curtailment</li> <li>▪ Low voltage ride through</li> <li>▪ Frequency response</li> </ul> Power Quality Analysis: <ul style="list-style-type: none"> <li>▪ Harmonics analysis at POI</li> </ul>
Grid Impact Study for Sirajganj 68MW Solar Park Project of Bangladesh China Renewable Energy Company (Pvt.) Limited (BCRECL)	July 2023 – ongoing	Sirajganj, Bangladesh	ParyOcean (Asia Pacific) International Co., Ltd. [EPC Contractor of the Project]	A Detailed Grid Impact Study including Voltage Control, Frequency Control, Reactive Power Compensation, Harmonic Compensation, Fault Ride-Through Control, Active Power Curtailment, Short Circuit Study, etc. complying with National Electricity Grid Code, PPA and IA requirements.

#### D. Green Energy and Sustainability:

Project	Duration	Location	Client	Scope of Services
Technical and Financial Due Diligence for 576kW, 224kW, 324kW Rooftop Solar Power Plants respectively at Raz	March 2023 – August 2023	Rajshahi, Bangladesh	Sarkar Group, Rajshahi	Technical and Financial Due Diligence for 576kW, 224kW, 324kW Rooftop Solar Power Plants, Site Assessment, Technical Analysis, PVSyst Anasysis, Financial

Cold Storage, Zayed Cold Storage and Sarkar Cold Storage of Sarkar Group				Modeling, Feasibility Study Report Preparation.
Preparation of Project Profile for Sarkar Brick & Block	October 2023 – November 2023	Rajshahi, Bangladesh	Sarkar Group, Rajshahi	Preparation of Project profile, review of Technical and Financial Aspects, SWOT analysis, etc.
Site Assessment for Renewable Power Plants	November 2022 – January 2023	Pahartoli, Chittagong	Abul Khair Steel Melting Limited	Assess the rooftop areas, available land area and waterbody (almost 55acres) for Solar PV Power Plants. Shadow Analysis on the rooftop, reservoirs of dam area, inclined hill area, other empty areas Analyze the biodiversity for floating solar power plant at dam area Estimation of installed capacity of renewable power plants Study the existing electrical systems of the plant, etc.
Technical Due Diligence on Solar project portfolio in Bangladesh	January 2024 – Ongoing	Bangladesh	AFRY (Thailand) Ltd.	Site Visit and Site Assessment, Grid Curtailment Review, Review of Permits and Approvals, Review of Environmental and Social Appraisal, etc.
Technical Due Diligence on Solar C&I Rooftop Project Portfolio	January 2024 – Ongoing	Bangladesh	AFRY SINGAPORE PTE. LTD	Site Visit and Site Assessment, Grid Curtailment Review, Review of Permits and Approvals, Project Company's Capacity Assessment, etc.

## E. Environmental Study:

Project	Duration	Location	Client	Scope of Services
Environmental Impact Assessment at Emon Fashion Limited	April 2022 – May 2022	Joydebpur, Gazipur Sadar, Gazipur-1700	Emon Fashion Limited	Preparation of Environmental Impact Assessment Report
Environmental Impact Assessment at Masco Exports Limited	May 2022 – June 2022	Baghata, Palbari, Narsingdi	Masco Exports Limited	Preparation of Environmental Impact Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at Tarasima Apparels Limited	July 2022 – September 2022	Saturia, Manikganj	Bitopi Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at Cutting Edge Industries Limited	August 2022 – September 2022	Sourh Shalna, Shalna Bazar, Gazipur	MBM Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at APS Apparels (Dyeing Unit) Ltd.	August 2022 - November 2022	Kamargaon, Pubail Road, Gazipur, Bangladesh	APS Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment and Hazard Identification and Risk Assessment at Scandex Textile Industries Limited	February 2023 – April 2023	Kaliakoir, Gazipur, Bangladesh	Panam Group	Preparation of Environmental Impact Assessment Report and Hazard Identification and Risk Assessment Report
Environmental Impact Assessment at Denitex Ltd.	March 2023 – May 2023	Karnapara, Savar, Dhaka	Denitex Ltd., Armana Group	Preparation of Environmental Impact Assessment Report

## F. Energy Audit:

Project	Duration	Location	Client	Scope of Services
Investment Grade Energy Audit at Dekko Ready wears Limited	May 2017 – June 2017	Mirpur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Energy Efficiency Audit at Rahman Chemicals Limited	June 2017 – July 2017	Narayanganj, Dhaka	Rahman Chemicals Limited	Preparation of Energy Audit Report for Gas Fired Boiler and Generator
Energy Efficiency Audit at Charu Ceramic Industries Limited	August 2017 – September 2017	Habiganj, Sylhet	Charu Ceramic Industries Limited	Preparation of Energy Audit Report for Gas Fired Generator
Energy Efficiency Audit at SARZAN Textile Mills Limited	September 2017	Shyampur, Dhaka	SARZAN Textile Mills Limited	Preparation of Energy Audit Report for the Gas Fired Boiler and Stenter Machines
Investment Grade Energy Audit at Globus Garments Limited	September 2017 – October 2017	Mouchak, Gazipur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Agami Fashions Limited and Agami Washing Limited	November 2017 – December 2017	Chandra, Kaliakoir, Gazipur, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Dekko Design Limited and Dekko Washing Limited	December 2018 – January 2019	Ashulia, Dhaka	Dekko Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Cotton Clothing (BD) Limited	December 2018 – January 2019	Gazipura, Tongi, Gazipur	Mondol Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Apparel Promoters Limited	April 2019 – May 2019	Nasirabad, Chattogram	Apparel Promoters Limited	Preparation of Comprehensive and Investment Grade Energy Audit Report



Investment Grade Energy Audit at Radiance Knitwears Limited	August 2019 - September 2019	Ashulia, Dhaka	Radiance Knitwears Limited	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Smart Jacket (BD) Limited & Shehan Specialized Textile Mills Limited	November 2019 – December 2019	Chittagong	Smart Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at APS Holdings Limited	January 2020	Kadda, Gazipur	APS Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Active Composite Mills Limited	June 2020 – July 2020	Ashulia, Savar, Dhaka	Rising Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Odessa Fashion Limited and Odessa Fashion Limited (Unit-2)	December 2020 – February 2021	Naljani, Joydevpur, Gazipur	Odessa Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Meditex Industries Limited and Meditex Knitwear Limited	December 2020 – February 2021	Kashimpur Road, Konabari, Gazipur	Meditex Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Space Sweater Limited	December 2020 – February 2021	Gazipur	Space Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Investment Grade Energy Audit at Titas Sweater Industries Limited and Titas Sweater (Knitting Unit)	December 2020 – February 2021	Kashimpur Road, Konabari, Gazipur	Titas Group	Preparation of Comprehensive and Investment Grade Energy Audit Report
Technical Assessment on Improvement of	February 2022	Lakuriapara, Dhulivita, Dhamrai, Dhaka-1350	Snowtex Outerwear Limited	Preparation of Technical Report on Improvement of Production Line

Production Line Efficiency by Installing Automatic Data Processing Devices (ADPD) at Snowtex Outerwear Limited			Efficiency by Installing Automatic Data Processing Devices (ADPD)	
Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for IFS Texwear (Pvt.) Limited	February 2022 – July 2022*	Kutubpur, Fatullah, Narayanganj	Kik Textilien and Non-Food Gmbh, Germany and Part of the Solution, Germany	Preparation of Comprehensive and Investment Grade Energy Audit Report
Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Seasons Dresses Limited	February 2022 – July 2022*	Tongi, Gazipur	Kik Textilien and Non-Food Gmbh, Germany and Part of the Solution, Germany	Preparation of Comprehensive and Investment Grade Energy Audit Report
Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Mayc's Garments Limited	February 2022 – July 2022*	Mirpur, Dhaka	Kik Textilien and Non-Food Gmbh, Germany and Part of the Solution, Germany	Preparation of Comprehensive and Investment Grade Energy Audit Report
Green Supplier Programme: Energy Efficiency Assessment and Improvement Recommendations for Amena (Pvt) Limited	February 2022 – July 2022*	Uttara, Dhaka	Kik Textilien and Non-Food Gmbh, Germany and Part of the Solution, Germany	Preparation of Comprehensive and Investment Grade Energy Audit Report
Energy Efficiency Assessment for Dyeing and Finishing Operations at Emon Fashion Ltd.	June 2022	Joydebpur, Gazipur Sadar, Gazipur	Emon Fashion Limited	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.

Energy Efficiency Assessment at Pacific Blue (Jeans Wear) Ltd.	June 2022	Radio Colony bus stand, Dhaka - Aricha Highway	Al-Muslim Group	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Tarasima Apparels Limited	August 2022 – September 2022	Saturia, Manikganj	Bitopi Group	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Remi Holdings Ltd	September 2022	Narayanganj EPZ	Bitopi Group	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Baridhi Apparels Ltd	September 2022	Comilla EPZ	Bitopi Group	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Echoknits Ltd.	January 2023	Kaliakoir, Gazipur	Echoknits Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Denitex Ltd	March 2023 – May 2023	Karnapara, Savar, Dhaka	Denitex Ltd., Armana Group	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Green Smart Shirt Ltd.	April 2023 – May 2023	Tepirbari, Mawna, Shreepur, Gazipur	Green Smart Shirt Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Global Labels (Bangladesh) Ltd.	February 2023 – March 2023	DEPZ Gankabari, Ashulia, Savar, Dhaka-1349, Bangladesh	Global Labels (Bangladesh) Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment	August 2023 –	Ulai, Savar, Dhaka	Al-Muslim Group	Preparation of Energy Efficiency Assessment Report for resource and

at Al-Muslim Washing Ltd.	September 2023			energy efficiency and process improvement.
Energy Efficiency Assessment at Nice spinning Mills Ltd.	July 2023 – August 2023	Mawna, Gazipur	Nice spinning Mills Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment at Formula 1 Spinning Ltd.	September 2023 - October 2023	Sreepur, Gazipur	Formula 1 Spinning Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency Assessment for the 425.7kWp Rooftop PV Solar Power Plant at Ananta Garments Ltd.	September 2023 - October 2023	Ashulia DEPZ Road, Savar, Dhaka	Ananta Companies	Preparation of Energy Efficiency Assessment Report for the 425.7kWp Rooftop PV Solar Power Plant
Energy Efficiency assessment for GTF for ECHOTEX Ltd.	September 2023 to ongoing	Chandra Polli Biddut, Kaliakoir, Gazipur-1751, Bangladesh	Echotex Ltd.	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency assessment for Baraka Patenga Power Ltd. for IPDC	December 2023 to January 2024	South Patenga, Chittagong	IPDC	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency assessment for Color City Ltd (DBL Group) for IPDC	December 2023 to January 2024	Zirani, Kashimpur, Gazipur	IPDC	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency assessment for Flamingo Fashion Ltd (DBL Group) for IPDC	December 2023 to January 2024	Sardagonj, Kashimpur, Gazipur	IPDC	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency assessment for Ananta Garments Ltd.	December 2023 to January 2024	Nishchintapur, Ashulia, DEPZ Road, Savar, Dhaka-1341 Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.

Energy Efficiency assessment for Ananta Jeanswear Ltd.	December 2023 to January 2024	277/2, Kabi Jashim Uddin Road, Pagar, Tongi, Gazipur, Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment Report for resource and energy efficiency and process improvement.
Energy Efficiency assessment of Rooftop Solar for Ananta Jeanswear Ltd.	December 2023 to January 2024	277/2, Kabi Jashim Uddin Road, Pagar, Tongi, Gazipur, Bangladesh	Ananta Companies	Preparation of Energy Efficiency Assessment for Rooftop Solar.

### G. Safety Assessment:

Project	Duration	Location	Client	Scope of Services
Electrical Safety Audit at RFL Electronic Limited – DIP Project	September 2017 – October 2017	Danga, Narayanganj, Dhaka	PRAN-RFL Group	Electrical Safety Assessment and Reporting with Recommendations.
Electrical Safety Audit at Arif Knitspin Limited and, NRG Hometex Limited	September 2017 – October 2017	Bhaluka, Mymensingh	NR Group	Electrical Safety Assessment and Reporting with Recommendations.
Electrical and Fire Safety Assessment at Active Distribution Ltd., Apex Husain Limited and East Asian Cox. (Pvt.) Ltd.	March 2021 – April 2021	Pubail, Dhaka; Savar, Dhaka; Narayanganj	Apex Hussain Group	Electrical and Fire Safety Assessment and Reporting with Recommendations.

### H. MEP Design and Supervision:

Project	Duration	Location	Client	Scope of Services
Electrical System Design of Mayble & Frank Fashion Limited	April 2017 – October 2017	Bhaluka, Mymensingh	Arrival Fashion	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System
Electrical System Design of Rawshan Jahan Eastern Medical College and Hospital	October 2017 – December 2017	Dattapara, Lakshipur, Bangladesh	Rawshan Jahan Group	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System

Firefighting System Design of Well Spinners Limited	February 2018 – March 2018	Dhaka, Bangladesh	Well Spinners Limited	Preparation of Approval Design Drawings of Firefighting System for Fire Service and Civil Defense
Mechanical, Electrical & Plumbing System Design of Sufi Bari Resort	February 2018 – March 2018	Bangladesh	Roofliners studio of architecture	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Mechanical, Electrical & Plumbing System
Electrical System Design of Icon Tower of Rancon Developments Limited	June 2018 – August 2018	Gulshan, Dhaka	Rancon Developments Limited	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System
Electrical System Design of the Cumilla Hospital (12 Storied Diagnostic & Hospital Building)	June 2018 – September 2018	Kotwali, Cumilla, Bangladesh	Kalpokriti Sthapati Brinda	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System
Electrical System Design of Conference Hall and Gymnasium Buildings of UNHCR, Cox's Bazar	November 2018 – December 2018	Cox's Bazar	UNHCR	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System including Automation of HVAC Equipment
Electrical System Design of Needle Drop Limited	February 2019 – May 2019	Joydebpur, Gazipur	Needle Drop Limited	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System
Mechanical, Electrical & Firefighting System Design of Concept Knitting Limited	February 2019 – December 2019	Gazipur, Dhaka	MASCO Group	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Mechanical, Electrical & Firefighting System
Mechanical and Electrical System Design of Eco Laundry Limited	March 2019 – December 2019	Savar, Dhaka	Eco Laundry Limited	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for

				Mechanical and Electrical System
Electrical System Design of Old Dhaka Central Jail Museum (Zone B & Zone C) Project	March 2019 – December 2019	Old Dhaka	Form3a Architect	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical System including Building Integration Management System
Electrical and Plumbing System Design of Barendra Vita Project of Sarkar Builders	January 2020 – February 2020	Rajshahi	Sarkar Builders	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical and Plumbing System
As-Built Design of Electrical System and proposed LPS and Earthing System Design and Firefighting Design of Active Distribution Ltd., Apex Husain Limited and East Asian Cox. (Pvt.) Ltd.	March 2021 – April 2021	Pubail, Dhaka; Savar, Dhaka; Narayanganj	Apex Husain Group	Preparation of As-Built Design Drawings of Electrical System (ELD, SLD), proposed LPS and Earthing System Design Drawings and proposed Firefighting Design Drawings
Electrical, Firefighting and Plumbing System Design of Aemal Center of Sarkar Builders	July 2021 – August 2021	Rajshahi	Sarkar Builders	Preparation of Detailed Design and Drawings, BOQ and Technical Specifications for Electrical, Firefighting and Plumbing System



## **CONTACT INFORMATION !!!**

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