



Corporate Profile

May 2023



SPECTRA INTERNATIONAL LIMITED

The Specialized Technical Wing of Spectra Group



ABOUT THE COMPANY

Spectra International Limited

Specialized Software Development and IT services entity
Of Spectra Group



Company Vision

Our Vision is to become a key national service provider and extend our expertise to an international level.

Company Mission

In line with our vision, our mission is to:

- Offer second to none solutions to address problems at a national level.
- Bring focus on Technologically Advanced Projects in collaboration with renowned International Entities.
- Be a Key Contributor to National Development.

Core Values

Integrity: We must demonstrate integrity in all our business conduct, including dealings with fellow employees, clients, intermediaries, suppliers, governments, financial record keeping, and treatment of company property.

Service to our customers: We cater to our customer's expectations, execute promptly and use our professionalism to help achieve customers' objectives, alongside maintaining the highest standards.

Quality & Excellence: We strive for the highest standards in everything we do to obtain the best result.

Efficiency & Profitability: We use our resources sensibly to improve efficiency and influence business growth.

ABOUT THE COMPANY

SIL Background & Credentials

Spectra International Ltd. is represented by its brand SPECTRA.



Incorporated in: **1991**

Employee Base: **440+**

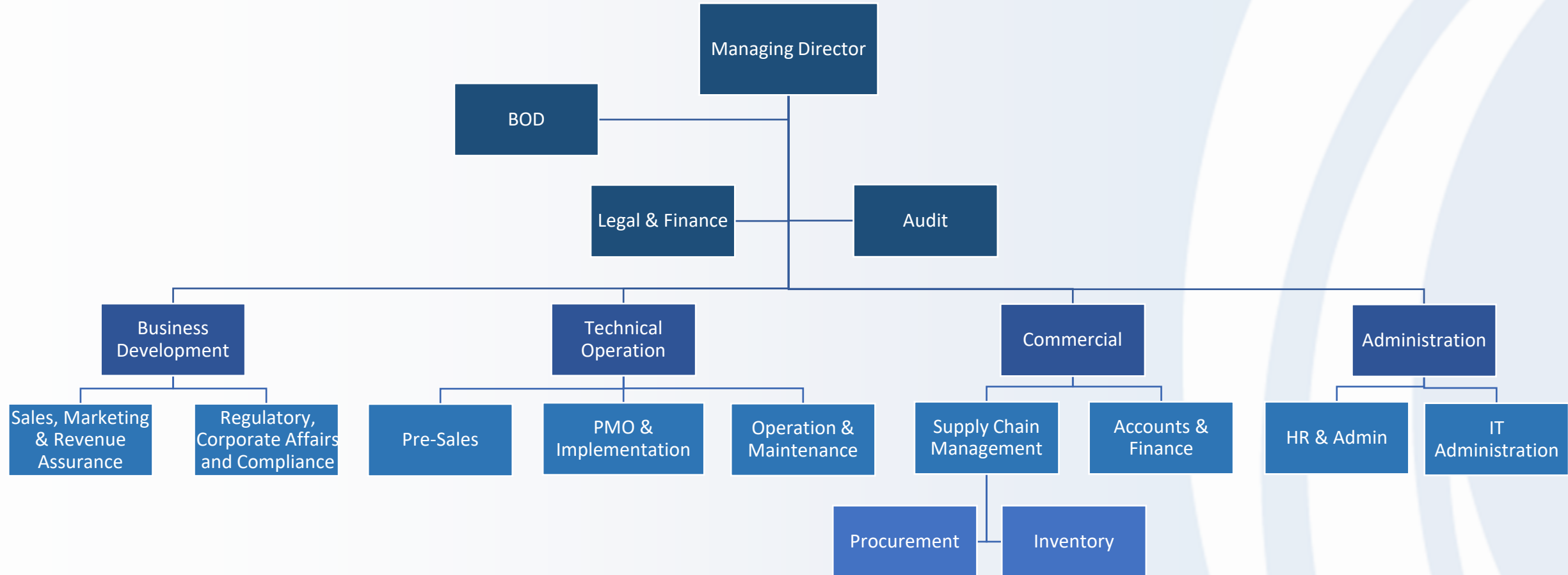
Corporate Head Office: House-17, Road-106, Block-CEN(F),
Gulshan-2, Dhaka-1212

Branch Office: House-546/2, Road-13, Baridhara DOHS ,
Dhaka-1206

Website: www.sil-bd.com, E-mail: info@sil-bd.com,
Phone: +88-02-55059854, 9892597, 8831718



ORGANIZATIONAL STRUCTURE - SIL



TURN-KEY SOLUTION PROVIDER - ICT

ICT Solutions Offering

We strive to create and deploy complex, mission-critical solutions that allow our clients to harness and use technology advancements to their benefit. Our ability to build a win-win long-term relationship with our clients and partners is based on a combination of engineering quality, excellent project management experience, and agility in aligning with client's business objectives.

SPECTRA assists organizations in their transformative journey by finding growth possibilities and assisting them in entering new markets and sectors. Our solution team can design technological solutions that span a wide range of topics.



TURN-KEY SOLUTION PROVIDER - ICT

We Spectra International Limited are participating in the highly technological activities of developing Bangladesh.

IT infrastructure can be deployed within a cloud computing system, or within an organization's own facility. The basic components of the (IT) infrastructure are **Hardware**, **Software**, and **Networking**.



Hardware

Hardware includes servers, data centers, personal computers, routers, switches, and other equipment. The facilities that house, power, a data center could also be included as part of the infrastructure.

Software

Our solutions seamlessly integrates into your business workflow whether you are looking to create a new application, or need help with development your existing solution. We provide teams capable of increasing the velocity of your development and extending your technical capabilities.



Networking

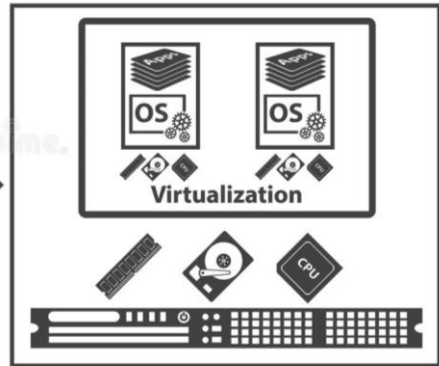
Interconnected network components enable network operations, management, and communication between internal and external systems. The network consists of internet connectivity, network enablement, firewalls and security, as well as hardware like routers, switches, and cables.



TURN-KEY SOLUTION PROVIDER - ICT

IT infrastructure management is the coordination of IT resources, systems, platforms, people, and environments. Here are some of the most common technology infrastructure management types:

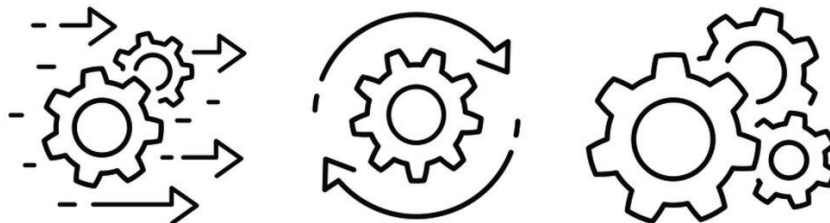
OS management: Oversees environments running the same OS by providing content, patch, provisioning, and subscription management.



Cloud management: Gives cloud admins control over everything running in a cloud-end user, data, applications, and services by managing resource deployments, use, integration, and disaster recovery.

Virtualization management: Interfaces with virtual environments and the underlying physical hardware to simplify resource administration, enhance data analyses, and streamline operations.

IT operations management: Also known as business process management, this is the practice of modelling, analysing, and optimizing business processes that are often repeated, ongoing, or predictable.



TURN-KEY SOLUTION PROVIDER - ICT

IT automation: Creates repeatable instructions and processes to replace or reduce human interaction with IT systems. Also known as infrastructure automation.

Container orchestration: Automates the deployment, management, scaling, and networking of containers.

Configuration management: Maintains computer systems, servers, and software in a desired, consistent state.

API/ management: Distributes, controls, and analyzes the application programming interfaces (APIs) that connect apps and data across enterprises and clouds.

Risk management: Identifies and assesses risks and creates plans to minimize or control those risks and their potential impacts.



CORE COMPETENCIES - ICT

We have over **5 years** of experience working with IT systems and IT infrastructure, and in light of this journey of experience, we can say that the types of work we have done so far include:

We have been working on B2B, Project-based as the Contractor (B2C), and sub-contractor on G2G projects, anywhere in Bangladesh.

- ❑ IT equipment supply and Installation (Server, cabinet, Router, Switch, UPS, etc.).
- ❑ Complete Data Center Solution.
- ❑ Passive Structure solutions
- ❑ Networking & Security system design and solution deployment.
- ❑ CCTV and IP telephony system & solutions.
 - ❑ Public Announcement System (PA).
 - ❑ Access control system.
- ❑ Simulation center & systems.
- ❑ Cyber Security Solutions.
- ❑ Custom tailored software solutions
- ❑ IoT Solutions.
- ❑ Operation and maintenance service.



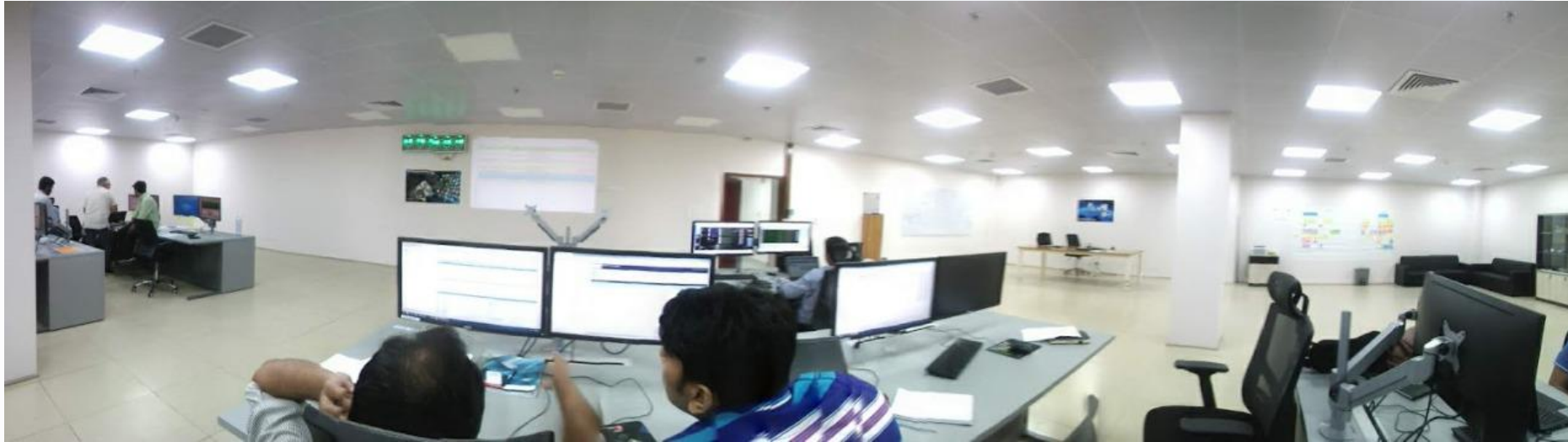
MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

ICT Infrastructure of Bangabandhu Satellite-1 Ground Station at Gazipur & Betbunia



MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

ICT Infrastructure of Bangabandhu Satellite-1 Ground Station



- ❑ Establishment of NOCC and SOCC – on turnkey basis.
- ❑ Deployment, configuration and Operation of All networking & security solutions
- ❑ Deployment & Operation of Software System in SOCC & NOCC in Gazipur and Betbunia.
- ❑ Troubleshooting of any problem for both Satellite Control Center and Network Control Center.
- ❑ Periodic maintenance activity.
- ❑ Full operational support to the BCSSL Network Operation Control Center (NOCC) team.
- ❑ Identify, analyze and troubleshoot issues related to transmission, carriers, RF equipment.
- ❑ Level 1 on-site support.
- ❑ RF equipment calibration as required.

PROJECT SCOPE - BS1

MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

ICT Infrastructure of Bangabandhu Satellite-1 Ground Station



Elevated Floor & False Ceiling Work

MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

ICT Infrastructure of Bangabandhu Satellite-1 Ground Station



NOCC Room

MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

Surveillance & Networking solution for Factory

Design & Deployment of LAN, CCTV solution for ASU Plant in Bhulta Narayanganj

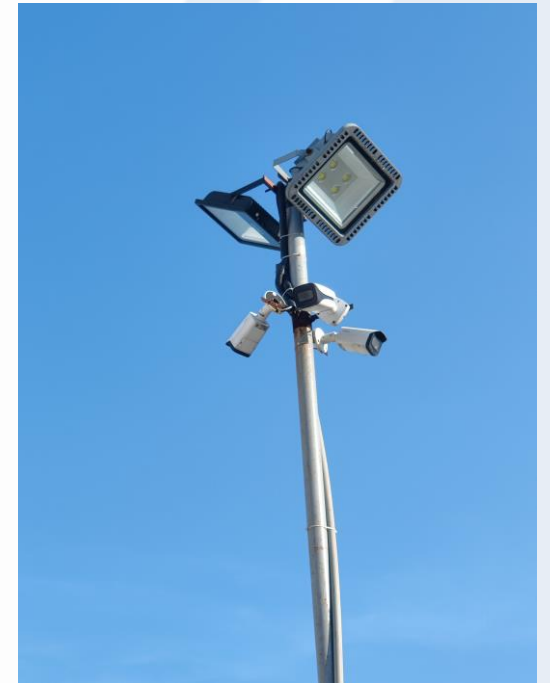


MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

Surveillance & Networking solution for Factory

Design & Deployment of LAN, CCTV solution for Criogenic factory in Bhulta Narayanganj

- ❑ Design of CCTV points for optimum coverage
- ❑ Plan and designing of the LAN infrastructure.
- ❑ Solution dimensioning for Networking elements.
- ❑ Implement Cabling, pole installation, switch router installation and configuration.
- ❑ Deployment and Configuration of WIFI AP.



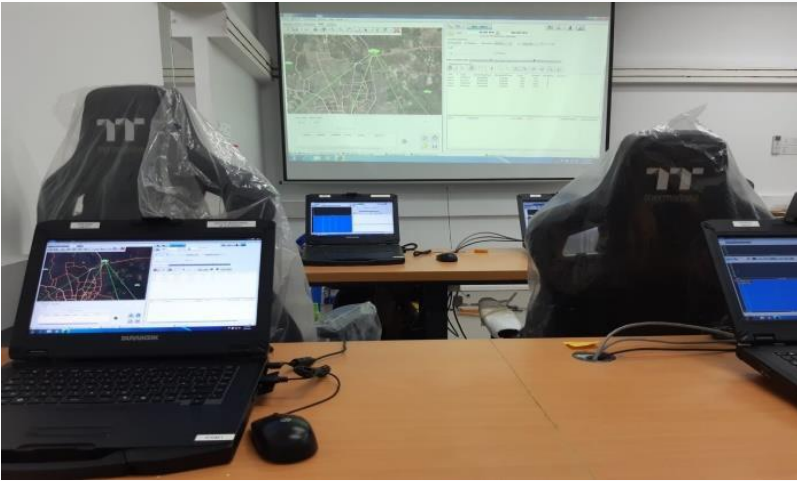
MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

Development of Simulation and Training Room for Bangladesh Army in a Collaboration with THALES



MAJOR COMPLETED PROJECTS - TURN-KEY SOLUTION PROVIDER - ICT

Development of Simulation and Training Room for Bangladesh Army



- ❑ Design of Simulation & Training Room
- ❑ Plan and designing of the LAN infrastructure.
- ❑ Solution dimensioning for Networking & IT hardware elements.
- ❑ Implement Cabling, switch router installation and configuration.
- ❑ Supply and setup of IT active and Passive elements;
 - Server & PC
 - Racks
 - Projectors
 - Online UPS

CUSTOMER BASE IN TURN-KEY SOLUTION PROVIDER BUSINESS VERTICAL



CERTIFICATION & RECOGNITIONS



This is to Certify that the Quality Management System of

Spectra International Limited
House # 17, Road # 106, Block# CEN (F), Gulshan-2, Dhaka-1212, Bangladesh

has been independently assessed and registered by B-ADVANCY as conforming to the requirements of

ISO 9001:2015

For the following Scope:
Specialized Turnkey Solution Provider of EPC Projects (Infrastructure), High-tech Technology Solution Support to Defense & Government Entities as the Local Partner of International Principals, Supply & Installation of Medical Gas Pipeline Systems, Supply of Medical & Industrial Gas and Liquid for Hospitals and Industrial Usages

Certificate No. : 2108115BD

Date of initial registration : 23rd Aug 2021
Date of this certificate : 23rd July 2022
Date of expiry : 22th Aug 2024
1st Surveillance audit on or before : 23rd July 2022
2nd Surveillance audit on or before : 23rd July 2023

Validity of the certificate is subject to completion of surveillance audit on or before the due date. In case the surveillance audit is not allowed to be conducted, this certificate shall be suspended/subject to withdrawal.



Certificate can be verified on www.badvancy.com website

This Certificate is the property of B-ADVANCY Certification UK Ltd. and shall be returned immediately when demanded.

B-ADVANCY Certification UK Limited, Registered in England and Wales
71-75 Shelton Street, Covent Garden, London, England, WC2H 9JQ, UK
Tel : +44 20 4511 6936, Email : info@badvancy.com
Website : www.badvancy.com

BACU/109/20/REV00 ADVANCING EXCELLENCE™



This is to Certify that the Environmental Management System of

Spectra International Limited
House # 17, Road # 106, Block# CEN (F), Gulshan-2, Dhaka-1212, Bangladesh

has been independently assessed and registered by B-ADVANCY as conforming to the requirements of

ISO 14001:2015

For the following Scope:
Specialized Turnkey Solution Provider of EPC Projects (Infrastructure), High-tech Technology Solution Support to Defense & Government Entities as the Local Partner of International Principals, Supply & Installation of Medical Gas Pipeline Systems, Supply of Medical & Industrial Gas and Liquid for Hospitals and Industrial Usages

Certificate No. : 2108116BD

Date of initial registration : 23rd Aug 2021
Date of this certificate : 23rd July 2022
Date of expiry : 22th Aug 2024
1st Surveillance audit on or before : 23rd July 2022
2nd Surveillance audit on or before : 23rd July 2023

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Website : www.badvancy.com

BACU/109/20/REV00 ADVANCING EXCELLENCE™



This is to Certify that the Occupational Health & Safety Management System of

Spectra International Limited
House # 17, Road # 106, Block# CEN (F), Gulshan-2, Dhaka-1212, Bangladesh

has been independently assessed and registered by B-ADVANCY as conforming to the requirements of

ISO 45001:2018

For the following Scope:
Specialized Turnkey Solution Provider of EPC Projects (Infrastructure), High-tech Technology Solution Support to Defense & Government Entities as the Local Partner of International Principals, Supply & Installation of Medical Gas Pipeline Systems, Supply of Medical & Industrial Gas and Liquid for Hospitals and Industrial Usages

Certificate No. : 2108117BD

Date of initial registration : 23rd Aug 2021
Date of this certificate : 23rd July 2022
Date of expiry : 22th Aug 2024
1st Surveillance audit on or before : 23rd July 2022
2nd Surveillance audit on or before : 23rd July 2023

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BACU/109/20/REV00 ADVANCING EXCELLENCE™

CSR ACTIVITIES



Nali Bararia Krishna Chandra High School, Manikganj



Donation for Marriage



Donation to Sena Kalyan Songstha



Maa Ayesha Mosque, Paturia, Manikganj



K. Ali Khan , Bhaban, Nali High School, Manikganj

Thank You



Spectra International Limited

www.sil-bd.com

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