

COMPANY PROFILE

SPECTRA

INTERNATIONAL LIMITED

International EPC Projects & Local Project Solutions
Gas Compression – Plant Construction – Civil Works Total Solution – Electro Mechanical Works
Medical and Industrial Gas Solutions



Spectra International Limited
H-17, R-106, Gulshan-2, Dhaka-1212
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Company at a glance

Spectra International Limited (SIL) is a company of SPECTRA GROUP (Bangladesh), started its business as a proprietorship company called **Spectra International**, and was established in 1990 under the nourishment of the mother company, the then Reza Construction Limited (RCL). **Spectra International Limited** incorporated in 1994, and was set as an engineering company, mostly sharing the engineering activities within the scope of RCL projects. During the process of nurturing, SIL enjoyed financial and management support from RCL.

SIL started its individual identity by taking over the Health Care Division of RCL. Within a short time, it established its own identity. Now SIL are extensively involved in Medical Health Care Sector, High-tech Technology support to Defense services, Energy & Gas Sector and Logistics, among others. SIL have gathered ample and exclusive experience in these sectors by working in collaboration with some world-renowned organizations in various sectors. In the healthcare sector, Spectra International Ltd. commands the market as the leader for its professionalism, care in maintenance supports and proficient human resources.

The company considers Energy and Gas sector as the most prospective field for future business, and it has been maintaining close ties with World Giants in this field for many years in the past. In the process of monitoring the energy sector, SIL has developed a comprehensive understanding of the field, and importantly, it has been able to set up an extraordinary liaison with the Government as well as other departments affiliated with energy & gas business in the country. **SIL is the pioneer company in Bangladesh to promote reciprocating gas compression in Gas Fields (under PETROBANGLA), Power Plants (Under Energy Ministry). Worked and Supported GSI (Wasco), Singapore 10 years from 2006 in Rental Gas Compression Projects and EPC Project.**

Besides, SIL is well familiar with the bidding procedure, which is overall in a strong position to promote any local or international business interest in Bangladesh. SIL has enough capacity to provide logistic and turnkey supply supports as outsource partner for Government, Multinational, Overseas or local entrepreneurs in Bangladesh.

SIL seeks opportunity for any breakthrough in turnkey supply, O & M, logistics or Manufacturing in Bangladesh through possible Joint Venture or may be just alone by itself.

Oil Tankers:

In order to maintain uninterrupted supply fuel to the power stations and other destinations as well, different companies under **Bangladesh Petroleum Corporation (BPC)**, SIL has four Inland Shallow Draft Oil Tankers having capacity of 900 MT each and one unit of Bay Crossing Coastal Oil Tanker having capacity 2000 MT.

Infrastructural Project:

Spectra International Limited working with French Company THALES ALENIA SPACE in Bangabandhu Satellite - 1 Project (Two Ground Stations Construction) in Bangladesh, providing total civil, electrical, mechanical solutions including design (Architectural and Structural).



SPECTRA INTERNATIONAL LIMITED



Certificate of Incorporation

No. C-38377(335)/99

I hereby certify that Spectra
International Limited.
X X X

is this day incorporated under the Companies Act (Act XVIII) of 1994 and that the Company is Limited.

Given under my hand at Dhaka
this Sixteenth day of August
One thousand nine hundred and Ninety nine.



[Signature]
Deputy Registrar of Joint Stock Companies
Bangladesh.

[Signature]

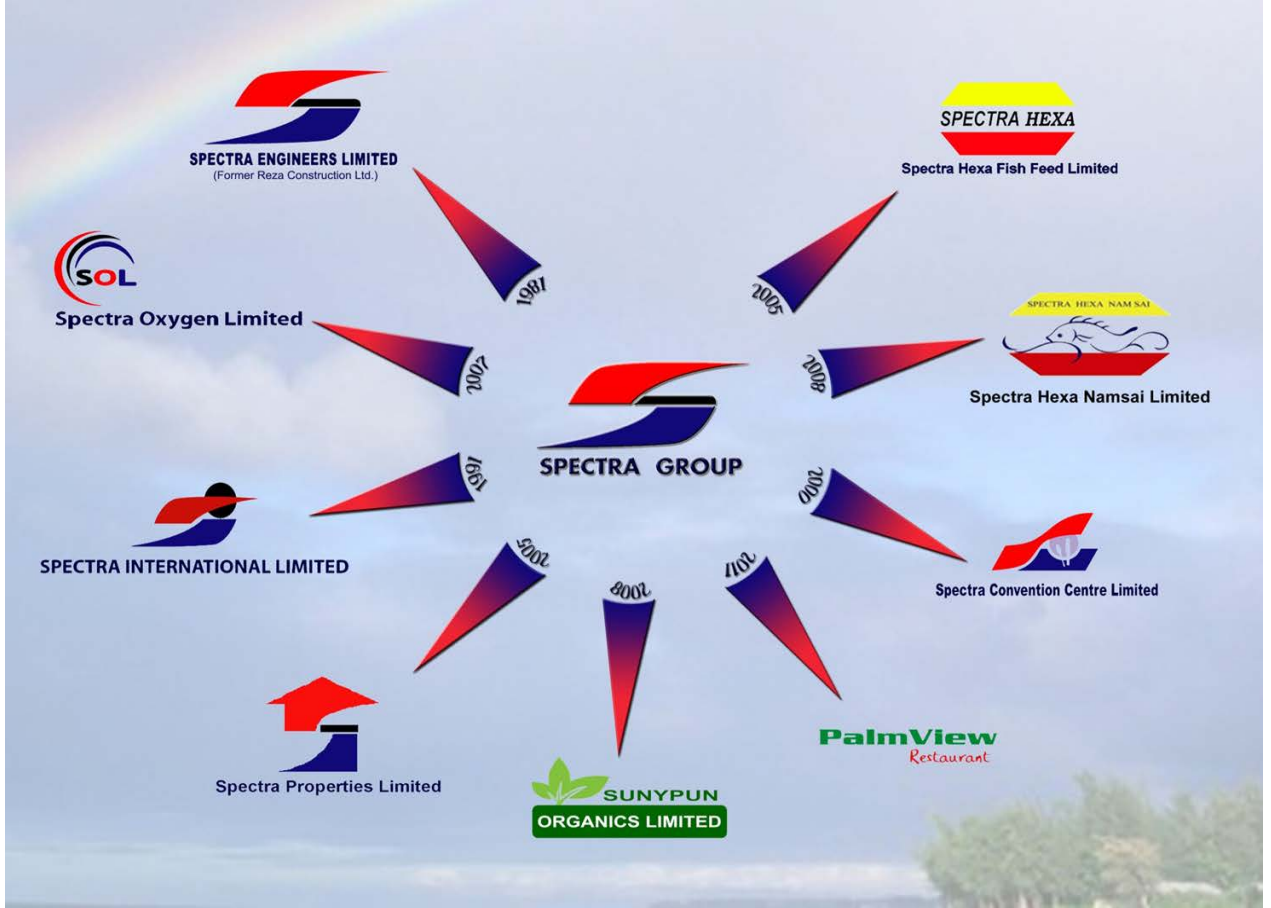
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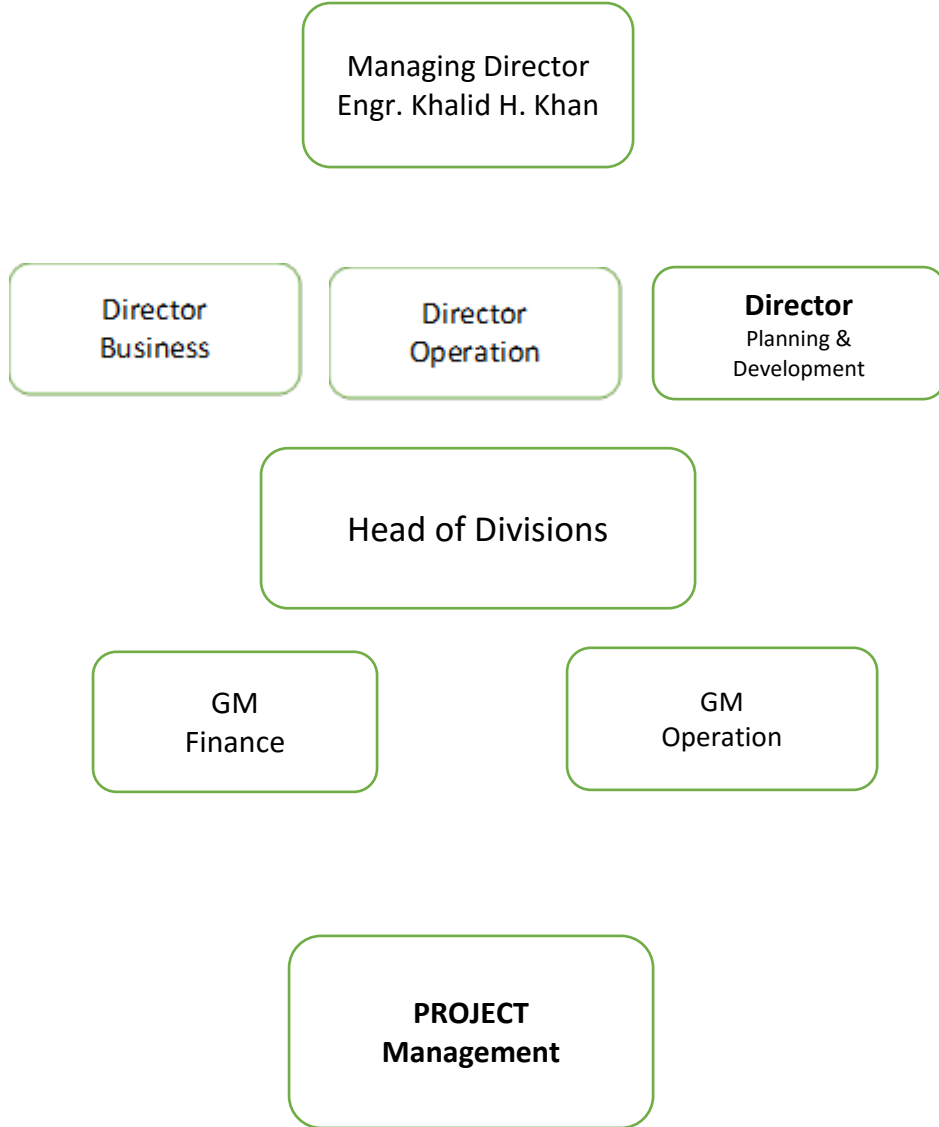


Spectra International Limited (SIL) is a Company of **SPECTRA GROUP**, Bangladesh. Group is diversified with many type of businesses. (Civil Construction, Oil & Gas/Energy, Medical and Industrial Gas Producer/Importer, Property, Catering Services, Community Halls, Fish Feed Production with Thailand/Taiwan (JV), Chemical Plant, Marine Vessels, Dredging etc.)

Spectra International Limited (SIL) is Reinforced by its sister companies of the Group with Resources, Financial Support and Knowledge Sharing.



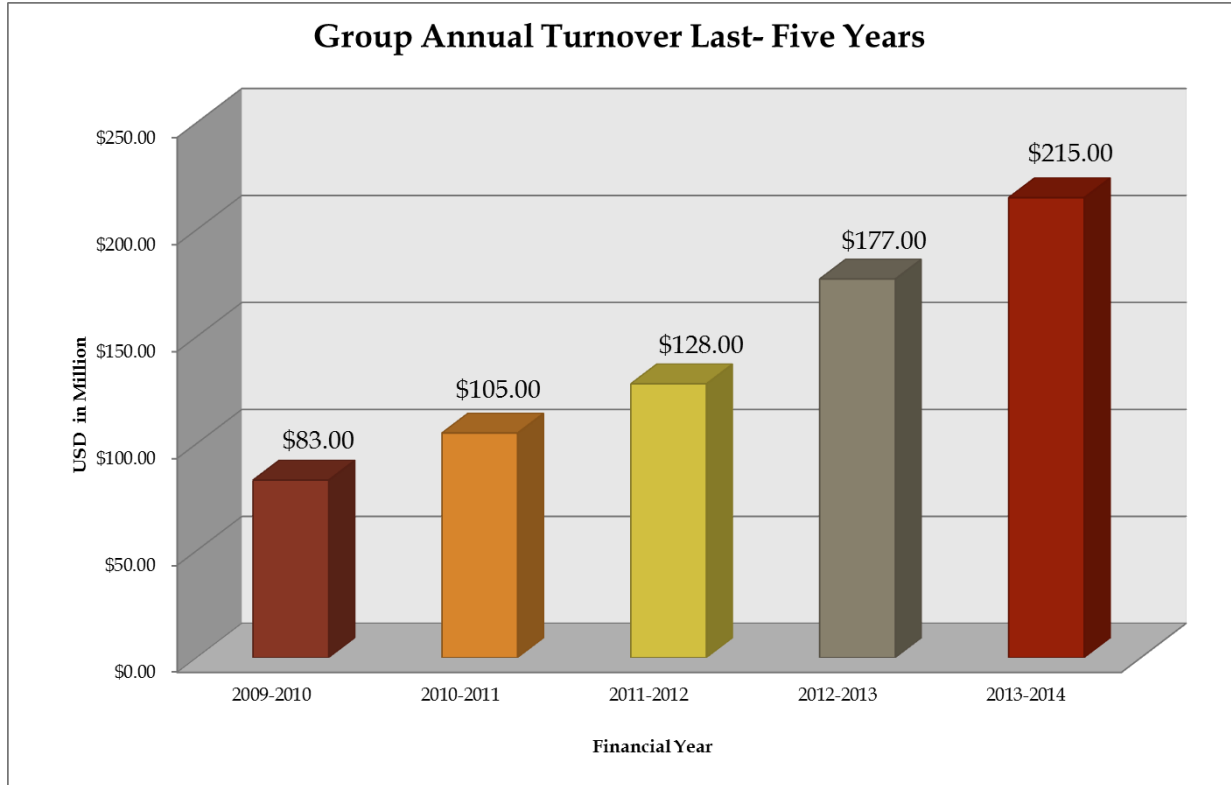
ORGANIZATIONAL STRUCTURE



Construction and Businesses Annual Average Turnover of SIL (Total)

SL. No.	Organization	Average Annual Construction Turn Over	Share of SIL	Effective Turnover of SIL
1.	TEC	TK. 10 Cr	100%	TK. 10 Cr
2.	SIL	TK. 50 Cr	60%	TK. 30 Cr
3.	SEL	TK. 300 Cr	34%	TK. 102 Cr
4.	Other Organizations	TK. 300 Cr	25%	TK. 75 Cr.
TOTAL TURNOVER				217 Cr 28 Million US\$ Approx

SPECTRA GROUP TURNOVER



In 2014-2015 Financial status Turnover will be more

Integrated Engineering Solutions and Services Provider
Project Conceptualization, Project Development, EPC and Services
Associated with International Companies

(Gas Fields (Oil & Gas), Power Plants, Industry, Business)

Pioneer in Natural Gas Compression Projects in Bangladesh

Completed many Natural Gas Compressor Projects in Bangladesh successfully as the Local Associate of an International Gas Compressor Packager (Singapore, Dubai and Australia based Company).



Civil, Mechanical, Electrical, Erections, Welding, Fabrications and all Local Project Solutions



Sangu Gas Compressor Project (Cairn Energy)
(Commissioned in July 2009)



Gas Compressor Rental Project (BKB - BGFL)
(Commissioned in March 2007)



Compressor Project at Mymensingh 210 MW PS – RPCL
(Completed and Commissioned in January 2011)



We supply our sister concern **Spectra Oxygen Ltd. (SOL)**'s products

INDUSTRIAL GASES

(Nitrogen, Hydrogen, Argon and other Gases)

Please Contact: info@sol.com.bd or

[<spectra.energy.bd@gmail.com>](mailto:spectra.energy.bd@gmail.com)

Infrastructural and Oil & Gas Sector Works

Project Name	Client	Work Details	Value
Construction of Ground Stations: Bangabandhu Satellite – 1 Project. (ON-GOING) 2016	Thales Alenia Space, France	Site Development, Internal Roads, Access Roads, Main Buildings, Foundations, Piling, Boundary walls etc.	60 Cr 7.5 Million US\$
Local All Civil Works of Shiddirganj 350 MW Power Plant (2014/15/16)	Isolux- Corsan, Spain (Main Client PDB)	Site Development, Foundations, Pipelines and Other Works	42 Cr 5.5 Million US\$
All Civil, Mechanical and EE Works (EPC) as Sub-Contractor – Gas Booster Compressor Projects (BGFCL, BKB Field/ Cairn Energy (Santos), Sangu Gas Field and RPCL MY Power Plant Gas Compressor Project. 2007/2008/2009/2010-11	BGFCL, Cairn Energy, UK (Santos, Australia)	Total Civil Solutions and Electro-Mechanical Works	24 Cr. 3 Million US\$



[Shiddirganj 350 MW Power Plant \(2014/15/16\)](#)

Equipment Capabilities

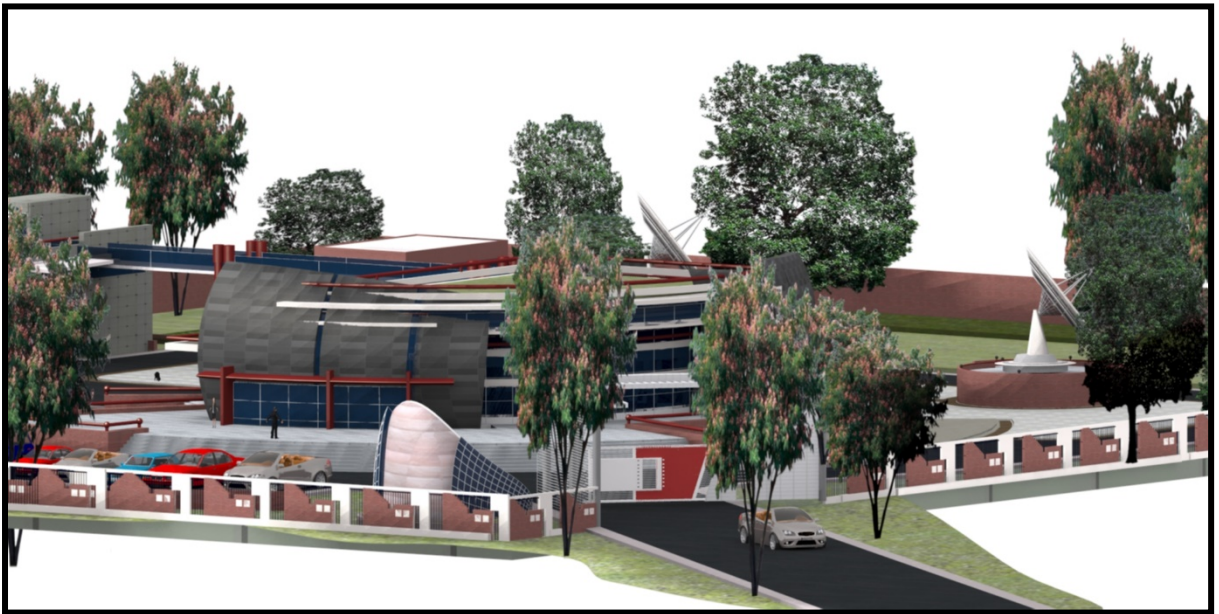
LIST OF EQUIPMENT

SL No.	Main Construction Equipment	Quantity
1.	Asphalt Plant – with all supporting Equipment/accessories	01 No
2.	Asphalt Finisher (Paver)	01 No
3.	Dump Trucks	10 No
4.	Bull Dozer	02 No
5.	Wheel (Pay) Loader	04 No
6.	Excavator	06 No
7.	Roller (Tandem, Vibrating, Tyre & Mini Type)	10 No
8.	Power Generator Set	08 No
9.	Motor Grader	02 No
10.	Bitumen Distributor	03 No
11.	Jaw Crasher	02 No
12.	Low Bed Truck (Trailer)	01 No
13.	Tractor	03 No
14.	Truck	03 No
15.	Air Compressor	03 Nos
16.	Stone Crusher	02 Nos
17.	Light Vehicle	10 Nos
18.	Concrete Mixture Machine	10 Nos
19.	Pre-Cast Pile Driving Tower and Diesel Hammer	02 Nos
20.	Pile Rigs for Cast-in-situ pile	02 Nos
21.	Welding/Fabrication Equipment	Complete Setup



On Going Project

Bangabandhu Satellite – 1 Project
Ground Stations at Gazipur and Betbunia



Total Civil Works Solution from SIL

**Gas Booster Compressor Project – Sangu Gas Field, Chittagong
Cairn Energy, UK (Project of Petrobangla/Production Sharing Contract)**

2008-2009



All Civil, Mechanical, EE, Erections, Installations, Fabrications, NDT (EPC Project)



SPECTRA INTERNATIONAL LIMITED

Foundation Construction, Site Development, Piling, Internal Infrastructures



Shiddhirganj Power Plant Project – Client: Isolux-Corsan, Spain
Civil Works of Power Plant

Factory Building Construction by SIL



2007- 2008

SIL has 5 Oil Tankers

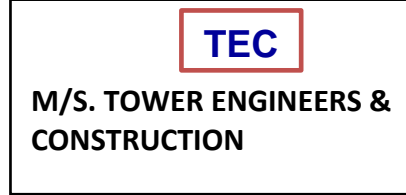


PREMIER SPECTRA

Spectra Group formed a **Sub-Group** named **PREMIER SPECTRA**

The vision of this Sub-Group is to form an effective Team (Few Companies of the Group) for International highly sophisticated projects. Led by Spectra International Ltd. (SIL)

The Following Companies are in sub-group PREMIER SPECTRA:



Specialized Projects Implemented by:

Projects Implemented by Spectra International Ltd:

- Natural Gas Compression Projects (BGFL, Cairn Energy UK/Santos, RPCL) – Rental and EPC with Singapore based International Company.
- Owner of 5 Oil Tankers (Under BPC)
- Bangabandhu Satellite Project (Ground Stations) – Special Contractor of THALES ALENIA SPACE, France.
- Marketing of Medical Oxygen manufactured by SOL.



Projects Implemented by Spectra Engineers Ltd:

- Dredging Division of SEL is included in Premier Spectra sub-group. SEL has two Cutter Suction Dredgers from IHC, Holland. Now involved in many National Dredging Projects.
- Civil Works of Isolux-Corsan (Spain) 450 MW CCPP Power Plant
- Dasurakandi Sewerage Project, Hatirjheel, Dhaka



Projects Implemented/Developed /Tendering by M/S. TOWER ENGINEERS & CONSTRUCTION

- Gandhabpur Water Treatment Plant under DWASA: TEC is working with International reputed company (who is pre-qualified) as special sub-contractor.
- KWASA – Water Intake Facility and Raw Water Transmission Pipe Line: TEC was nominated as sub-contractor of Cobra-Tedagua JV (Spain).
- Other Projects also in Pipeline at CWASA, DWASA and in other clients.

Specialized Projects by Spectra Oxygen Ltd:

Liquid Oxygen Division
VI Tanks

MAJOR COMPLETED PROJECTS (MEDICAL SECTOR)

1.	Supply and Installation of Hospital Medical Gas System of Expansion and Modernization of Dhaka Medical College Hospital , Dhaka.
	Contract Amount: 8499450.00 BDT
2.	Central Medical Gas Pipe Line System for ICU at Dhaka Medical College Hospital , Dhaka
	Contract Amount: 84,99,450.00
3.	“Construction of 500 Beded Hospital at Khilgaon, Mughda, Dhaka (Sub-Head: Supply, Installation, Testing & Commissioning of Central Medical Gas Pipe Line System in Hospital Building .”
	Contract Amount : 4,21,75,200.00
4.	Supplying, Installation, Testing & Commissioning of Central Medical gas pipe line system (MGPS) in the “Hospital building” under the project Construction of 8-storied “ National ENT Institute with 12-storied foundation in/c basement floor within the compound of THC at Tejgaon, Dhaka
	Contract Amount: 2,14,62,000.00
5.	Supply, Installation, Testing and Commissioning of Laundry Equipment at 500 Beded Kurmitola General Hospital
	Contract Amount : 1,56,31,000
6.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipe Line System for Rehabilitation Institute and Hospital for the Disabled (RIHD) at Sher-e-Bangla Nagar, Dhaka under HPPP, IDA Credit No. 3101-BD (Package No. W3462-CMMU).
	Contract Amount : 2,85,61,000.00
7.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipe Line System for National Institute of Cardio Vascular Desises (NICVD) , at Sher-e-Bangla Nagar, Dhaka.
	Contract Amount : 1,49,97,400.00
8.	Supply, Installation & Commissioning of Central Medical Gas Pipeline System for Institute of Child & Mother Health (ICMH) Project at Matuail, Dhaka.
	Contract Amount : 1,39,56,080.00
9.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for NIKD&U at Sher-e-bangla Nagar, Dhaka.
	Contract Amount : 1,66,15,924.00
10.	Supply & Installation of Oxygen Therapy System and Vacuum High Suction Controller for CMH , Dhaka Cantonment, Dhaka.
	Contract Amount : 7,54,500.00
11.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Dr. Azmal Hospital Ltd. at Mirpur, Dhaka.
	Contract Amount : 21,50,000.00
12.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System (1st Phase) for ICDDR B Hospital at Mohakhali, Dhaka.
	Contract Amount : 25,00,000.00
13.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Compressed Air and Vacuum Pipeline System for 10 Bedded Pediatric ICU for CMH , at Dhaka Cantonment, Dhaka.
	Contract Amount : 5,08,396.00
14.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Compressed Air and Vacuum Pipeline System for ICU Officers Ward for CMH Dhaka Cantonment, Dhaka.
	Contract Amount : 10,39,367.00
15.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide and Vacuum Pipeline System for ICU, OT and Post Operative for Bangladesh Rifles at Peelkhana, Dhaka.
	Contract Amount : 23,88,000.00
16.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for CCU, ICU, OT and Recovery Ward for Central Hospital Limited at House No. 2, Road No. 5, Green Road, Dhanmondi, Dhaka-1205.



SPECTRA INTERNATIONAL LIMITED

-	Contract Amount : 4,18,150.00
17.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Rajshahi Medical College and Hospital at Rajshahi.
	Contract Amount : 75,03,300.00
18.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Lab Aid Cardiac Hospital , at Dhanmondi, Dhaka
	Contract Amount : 3,30,000.00
19.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for BSMMU Hospital at Sahabag, Dhaka.
	Contract Amount : 1,15,05,320.00
20.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Eden Multicare Hospital at Dhaka.
	Contract Amount : 8,50,000.00
21.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Al-Helal Hospital at Dhaka.
	Contract Amount : 70,61,000.00
22.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Jalalabad Ragib-Rebeya Medical College Hospital at Sunamgonj Road, Sylhet
	Contract Amount : 37,21,850.00
23.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Sono Diagnostic Centre Ltd. at College Road Kustia.
	Contract Amount : 4,21,700.00
24.	Supply, Installation, Testing and Commissioning of Central Medical Oxygen, Nitrous Oxide, Compressed Air and Vacuum Pipeline System for Euro Bangla Heart Hospital Ltd. , at 5/7, Lalmatia, Dhaka
	Contract Amount : 18,00,000.00
25.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for 50 Beded Upasham Nursing Unit , Khulna.
	Contract Amount : 47,60,000.00
26.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Brighton Hospital Ltd. Hatirpool, Dhaka.
	Contract Amount : 19,17,700.00
27.	Supply, Installation, Testing and Commissioning of Central Medical Gas, Compressed Air & Vacuum Pipeline System For Zia Heart Foundation Hospital & Research Center at Dinajpur.
	Contract Amount : 1,19,59,900.00
28.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Dhaka Medical College & Hospital at Dhanmondi, Dhaka.
	Contract Amount : 98,20,250.00
29.	Providing, installation and commissioning of Central Medical Gas pipe line system for Jessore General Hospital at Jessore.
	Contract Amount : 98,83,820.00
30.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Anwar Khan Modern Hospital at Dhanmondi, Dhaka.
	Contract Amount : 47,00,000.00
31.	Establishment of 4(four) Nos. ICU and Casualty unit at Khulna/Rajshahi/Barisal and Sylhet Medical college Hospital one at Sylhet Medical College Hospital Campus . (Sub-head: Providing, Installation, Testing & Commissioning of Central Medical Gas pipeline System of ICU and Casualty Unit at Sylhet Medical college Sylhet,) during the year 2005-2006
	Contract Amount : 2,34,57,350.00



SPECTRA INTERNATIONAL LIMITED

32.	Establishment of 4(four) Nos. ICU and Casualty unit at Khulna/Rajshahi/Barisal and Sylhet Medical college Hospital one at Rajshahi Medical College Hospital Campus . (Sub-head: Providing, Installation, Testing & Commissioning of Central Medical Gas pipeline System of ICU and Casualty Unit at Rajshahi Medical college) during the year 2005-2006
	Contract Amount : 2,34,07,350.00
33.	Establishment of 4(four) Nos. ICU and Casualty unit at Khulna/Rajshahi/Barisal and Sylhet Medical college Hospital one at Comilla Medical College Hospital Campus . (Sub-head: Providing, Installation, Testing & Commissioning of Central Medical Gas pipeline System of ICU and Casualty Unit at Comilla Medical college) during the year 2005-2006
	Contract Amount : 2,31,76,000.00
34.	Establishment of 4(four) Nos. ICU and Casualty unit at Khulna/Rajshahi/Barisal and Sylhet Medical college Hospital one at Barisal Medical College Hospital Campus . (Sub-head: Providing, Installation, Testing & Commissioning of Central Medical Gas pipeline System of ICU and Casualty Unit at Barisal Medical college) during the year 2005-2006
	Contract Amount : 2,34,61,000.00
35.	Up-gradation of Comilla Medical College Hospital from 250 Beds to 500 Beds at Comilla (Sub-head: Central Medical Gas Pipeline and Suction System of Comilla Medical college Hospital 2nd Phase)
	Contract Amount : 2,86,67,400.00
36.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System and Suction Unit for National Asthma Center at Dhaka.
	Contract Amount : 1,96,74,300.00
37.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for North-East Medical College at Sylhet.
	Contract Amount : 21,00,000.00
38.	Supply & Installation Central Medical Gas Pipe System for Level-10 at Apollo Hospital, Dhaka .
	Contract Amount : 16,00,000.00 (Ref: AHD/PO/Spectra/927 dt. 03-10-2009)
39.	Supply installation testing & commissioning of Medical gas pipe line system for Liver Transplantation unit of Ibrahim Cardiac Hospital & Research Institute , Shahbag, Dhaka
	Contract Amount : 38,22,600.00
40.	Provision of Medical Gas Line including ancillary works for OT & ICU Bldg. of Extension & Modernization of CMH Dhaka
	Contract Amount : 53,29,000.00
41.	Supply & Installation of Compressed Oxygen (PSA) Plant duplex system with refilling unit for Extension & Modernization of CMH at Dhaka Cantt.
	Contract Amount : 3,21,50,000.00
42.	Supply and Installation of CSSD Equipments/Machineries for Extension & Modernization of CMH Dhaka
	Contract Amount : 3,34,10,000.00
43.	Supply and Installation of Modern Kitchen Equipment for Extension & Modernization of CMH Dhaka, Dhaka Cantt (2nd Phase)
	Contract Amount : 80,61,500.00
44.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Dinajpur Medical College Hospital (1st Phase 250 Bedded) at Dinajpur.
	Contract Amount : 2,09,32,800.00
45.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Popular Specialized Hospital at Dhanmondi, Dhaka.
	Contract Amount : 1,09,10,000.00
46.	Central Medical Gas/Oxygen Bank-as per attached Additional worked of Central Medical Gas, Oxygen and Vacuum Pipeline System (2nd Phase) for ICDDR,B Hospital at Mohakhali, Dhaka.
	Contract Amount :21,41,200.00
47.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System for Delta Hospital Ltd., Mirpur, Dhaka .
	Contract Amount : 27,22,000.00



SPECTRA INTERNATIONAL LIMITED

48.	Supply, Installation and commissioning of Medical Gas System for 250 Bedded National Institute of Ophthalmology & Hospital (NIO&H) at Sher-e-Bangla Nagar, Dhak
	Contract Amount : 1,88,36,000.00
49.	Supply, fixing, testing & commissioning of Medical Gas pipe line system for 100 beded women & children diabetic endocrine metabolic hospital at shagunbagicha in Dhaka.
	Contract Amount : 1,47,55,000
50.	Supply, Installation and commissioning of Medical Gas System for 150 Bedded Adhunik Sarkari Karmochari Kallan Hospital at Phulbaria Dhaka
	Contract Amount : 89,59,450
51.	Establishment of C.C.C at District Hospital (Cox's Bazar, Rangamati, Patuakhali)-one at Cox's Bazadr. (Sub-Head): Supply Installation testing and commissioning of Medical Gas Pipeline system) MGPS during the year-2009-2010
	Contract Amount : 98,99,200.00
52.	Supplying & Installation of Medical Gas Pipe Line System for 500 to 1000 bed newly Constructed Hospital (Mymensingh Medical College Hospital) Including Testing and Commissioning Work.
	Contract Amount : 3,97,43,620
53.	Supply & Installation of Medical Gas Pipe Line System for 250 Bedded Jamalpur General Hospital at Jamalpur Including Testing and Commissioning Work.
	Contract Amount : 2,40,08,250
54.	Supply, Installation, Testing & Commissioning Central Medical Gas, Compressed Air and Vacuum Pipe Line System for Siraj-Khaleda Memorial Cantonment Board General Hospital
	Contract Amount : 62,34,400
55.	Supply, Installation, Testing and commissioning of Medical Gas Pipeline System at Different District Hospital One at Brahmanbaria . During the year-2011-2012.
	Contract Amount : 2,73,09,800.00
56.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipe Line System for Jhenaidah District Hospital.
	Contract Amount : 2,02,49,500.00
57.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipe Line System for Bagerhat District Hospital.
	Contract Amount : 2,12,74,900.00
58.	Supply, Installation, Testing and Commissioning of Central Medical Gas Pipeline System For Sylhet Women's Medical College at Mirpoxtolla, Sylhet.
	Contract Amount : 78,52,000.00

Spectra International Limited

H-17, R-106, Gulshan-2, Dhaka-1212

Tel: (02) 9888049, 58816192, Fax: (02) 55059996

Email: sil@spectragroup-bd.com , khkhan@bol-online.com

www.spectragroup.com.bd

WELCOME



SPECTRA GROUP

CORPORATE OFFICE

Spectra Group
House No. 17, Road No. 106, Block- CEN(F),
Gulshan- 2, Dhaka-1212, Bangladesh

GROUP BUSINESS

- Civil Constructions : Roads, Buildings, Bridges, Plants, Machine & Tanks Foundations, Piling, Site Development etc – Total Civil Solution
- Mechanical : Installations, Piping, Fabrications, Welding etc. API 104, B31.3 etc Standards)
- Real Estate: Land Development , Apartment Building
- Medical Sector: Equipment – Medical Gas Pipeline, PSA Plants,.
- Agro Industries: Producing Fish Feed and Fish Fry.
- Marine Division: Dredging and POL Transportation
- Hospitality : Banqueting and Restaurant

COMPETENCIES



Road Construction



Bridge Construction



Building Construction

COMPETENCIES



Railway Track Construction

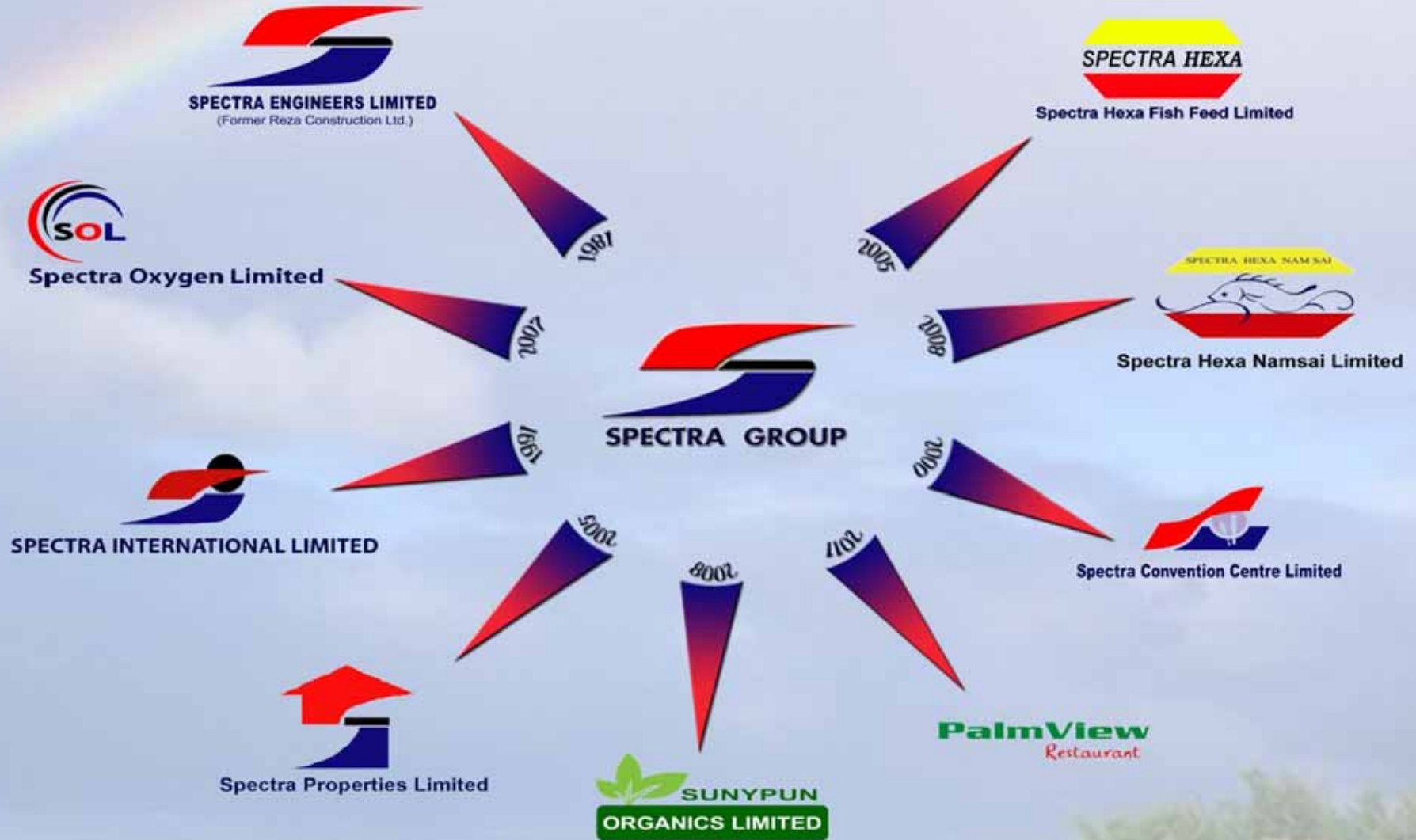


Infrastructure Works for Major Plant



Dredging

GROUP CONCERNS



BACKGROUND

- ❖ Established in **1981** as a Sole Proprietorship Firm



REZA CONSTRUCTION LIMITED

- ❖ Turned to Limited Company in **1989** as "Reza Construction Limited" (RCL)



SPECTRA ENGINEERS LIMITED

- ❖ Name Changed In **2011** as "Spectra Engineers Limited" (SEL)



SPECTRA ENGINEERS LIMITED
(Former Reza Construction Limited)

- ❖ The Company Logo At Present

OUR CLIENTS

- **ROADS AND HIGHWAYS DEPARTMENT**
- **LOCAL GOVT. AND ENGINEERING DEPARTMENT**
- **BANGLADESH MILITARY ENGINEERS SERVICE**
- **CIVIL AVIATION AUTHORITY OF BANGLADESH**
- **BANGLADESH RAILWAY**
- **PUBLIC WORKS DEPARTMENTS**
- **WATER DEVELOPMENT BOARD**
- **WATER AND SEWERAGE AUTHORITY**
- **NATIONAL HOUSING AUTHORITY**
- **BANGLADESH INLAND WATER TRANSPORT AUTHORITY**

ACHIEVEMENT

Reconstruction of 65 km Mymensingh-Nandail Road, Section-2 under Road Improvement Component of RNIMP-I (RHD), Contract No. 2

ACHIEVEMENT



Reconstruction of 38 km length Kumarkhali-Kushtia-Pakshy Ferry Road to Regional Highway Standard under IDA Funded RRMP-III (RHD), Contract No-PM2

ACHIEVEMENT



Construction of Khulna Bypass Road under Rupsa Bridge Construction Project, Contract No. 2 (Northern Half)

ACHIEVEMENT



RCC Pre-cast Girder Bridge on Cast-in-situ Pile Foundation on Mymensingh–Nandail Road, Contract No. 2 under RNIMP-1

ACHIEVEMENT



**BANGABANDHU Multipurpose COMPLEX at
Bangladesh Military Academy, Chittagong**

ACHIEVEMENT



50 MW POWER PLANT AT FARIDPUR: Site Filling, Development, Compactions, Pilings, Buildings, Drains, Foundations, Roads, Boundary Walls etc.



ACHIEVEMENT



**Conference hall AHQ Helmet
at Dhaka Cantonment**

ACHIEVEMENT



Construction of Army Golf Club



ACHIEVEMENT

Comilla Medical College Hospital



ACHIEVMENT



Dinajpur Medical College Hospital

ACHIEVEMENT



Mymensingh Medical College Hospital

ACHIEVEMENT

River Bank Protection and Rehabilitation Work

Contract Name	Rehabilitation Work of Betil Spur-1 at BRE. Km. 193.530 under 2004 flood damage Rehabilitation Project (ADB aided BWDB Part) in upazilla Belkuchi, District : Sirajganj,
Description Of Work	Earthwork, Manufacturing and supplying of CC blocks, Supplying and Placing/Dumping of boulders and hard rocks, Supplying and Placing/Dumping of san filled synthetic and geo-bags, Supplying and Placing Geo-textile filter etc.
Completion Period	June 2005 to August 2006

ACHIEVEMENT

River Bank Protection and Rehabilitation Work

Contract Name	Rehabilitation Work of Enayetpur Spur-2 at BRE. Km. 196.100 under 2004 flood damage Rehabilitation Project (ADB aided BWDB Part) in upazilla Chowhali, District : Sirajganj,
Description Of Work	Earthwork, Manufacturing and supplying of CC blocks, Supplying and Placing/Dumping of boulders and hard rocks, Supplying and Placing/Dumping of san filled synthetic and geo-bags, Supplying and Placing Geo-textile filter etc.
Completion Period	October 2005 to September 2006

ACHIEVEMENT

River Bank Protection and Rehabilitation Work

Contract Name

Construction of retired Embankment at Simla-
Soilabari- Khokshabari-Ranigram in between BRE.
Km. 158.000 to km 165.000 in upazilla Sirajganj Sadar,
District : Sirajganj.

Description Of Work

Earthwork, Fine Dressing & closed turfing etc..

Completion Period

January 2008 to December 2008

ACHIEVEMENT



4 -LANING OF DHAKA-CTG. HIGHWAY PROJECT (C-01)



ACHIEVEMENT

4 -LANING OF DHAKA-CTG. HIGHWAY PROJECT (C-07)



ACHIEVEMENT



Siddirgonj 335 MW CC Power Plant Project



ACHIEVEMENT

Siddirgonj 335 MW CC Power Plant Project



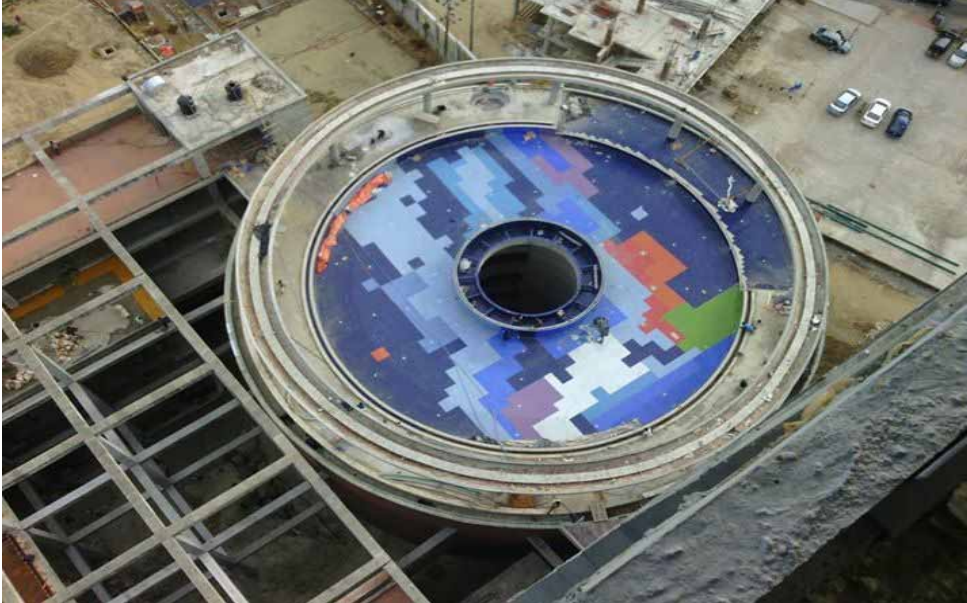
ACHIEVEMENT

Ghorashal 365 MW CC Power Plant Project



ACHIEVEMENT

Construction of complete Super Structure Civil Works Package of 20 storied (with 5 Podium & 2 Basement Floors) for Radisson Bay View Hotel (RBVH) Chittagong Project



Meghanaghat

STACK YARD FACILITIES



Dredging At River Padma **ACHIEVEMENT**



ACHIEVEMENT



Projects in Oil, Gas & Power

Plants Constructions, Equipment – Medical Gas Pipeline, PSA Plants, Equipment Sales & After Sales Service, ETC.

- Spectra has executed 3 (Three International EPC Natural Gas Compressor Projects at Gas Fields (PETROBANGLA), Power Plant and IOC's Plants in Bangladesh under stringent international HSE compliance requirements as Local Associate & Local Contractor of WASCO ENERGY, Singapore/Dubai.
- Onshore Field Compressor installation and O&M at Sangu Gas Field Process plant, Chittagong since July 2009: Under Petrobangla and Santos.



Projects in Oil, Gas & Power

ACHIEVEMENT



Plants Constructions, Equipment – Medical Gas Pipeline, PSA Plants, Equipment Sales & After Sales Service, ETC.



ACHIEVEMENT

Projects in Oil, Gas & Power



Plants Constructions, Equipment – Medical Gas Pipeline, PSA Plants,
POL Transportation & After Sales Service, ETC.



ACHIEVEMENT



Railway Track Linking Work at Damar,
Nilfamary under Bangladesh Railway



RESOURCES



Sl.No	Equipment	Quantity
1	Dump Truck	56
2	W.Loader	23
3	V.Roller	15
4	B.Dozer	10
5	Excavator	20
6	M.Grader	6
7	Tractor	24
8	Paver Finisher	4
9	Bitumin Distributo	3
10	Tyre Roller	6
11	Tandem roller	5
12	A.Compressor	4
13	M.Dump Truck	4
14	Transit M.Truck	7
15	Water Tanker	8
16	Asphalt Plant	3
17	Batching Plant	6
18	Mobile Concrete batching Plant	0
19	Concrete Pump	4
20	Trailer	3
21	Fork Lift	2
22	Hydraulic Crane	2



RESOURCES



Sl.No	Equipment	Quantity
23	Crane Truck	1
24	Diesel Tank Lorry	1
25	Hand Distributor	1
26	Speed Boat	1
27	Crusher Plant	5
28	Block Making M/C	1
29	HENER TRUCK SCALE	0
30	Brick Making M/C	1
31	Generator	21
32	Mixture Machine	26
33	D iesel Water Pump	33
34	Electric Water Pump	7
35	C. Vibrator Machine/Diesel	20
36	C. Vibrator Machine/Electric	4
37	Welding Machine	18
38	Welding Generator	5
39	Lighting Generator	5
40	Tower Light	1
41	H.Hose Gripper M/c-01	2
42	Lathe machine	2
43	Tar Boiler	15
44	Chips Spreader	2



RESOURCES



Sl.No	Equipment	Quantity
45	Hand Distributor	1
46	Cutting Machine	1
47	EQUIPMENT WASHING M/C	1
48	Battery charger machine	3
49	Table Vice	2
50	Drilling Machine	8
51	Hand Drilling Machine	1
52	Grinding Machine	16
53	Submersible Pump-02	2
54	Big Hilty Machine	1
55	Service Lift	1
56	Oxygen Bottle	13
57	Lp bottle	10
58	Accetyline Bottle	5
59	Plate compactor	3
60	Gas Cutter set	7
61	Roof Hoist	6
62	Tower Wings	3
63	Stand Drill	1
64	Hand Drill-2	2
65	Passanger Lift (Tower)	1
	G.Total	475



RESOURCES

18 inch Cutter Suction Dredger of IHC Holland



HUMAN RESOURCES

B. Sc Engineer(Civil)	62
B. Sc Engineer(Mech.)	15
B. Sc Engineer(Elec.)	8
Diploma-in-Mech.	26
Diploma-in-Civil	85
Diploma-in-Elec. & Power	14
CAD Engineer	6
Architect	5
Chartered Accountant	4
IT	6
Surveyor	22
Graduate (General Trade)	122
Admin & HR	8
Other Trades (including Operator)	745



GROUP ACTIVITIES



SPECTRA GROUP

SPECTRA INTERNATIONAL LIMITED

Plants Constructions, Equipment – Medical Gas Pipeline, PSA Plants, POL Transportation & After Sales Service, ETC.

POL TRANSPORTATION

Petroleum, Oils, and Lubricants

PRINCIPAL PARTICULARS:	
LENGTH	: 53.00 METER
BREADTH	: 11.00 METER
DEPTH	: 3.00 METER
DRAFT	: 1.83 METER
CAPACITY	: 900 MTON
ENGINE POWER	: 2 X 400 BHP





Spectra Oxygen Limited
We Care for Human Life

GROUP ACTIVITIES



PRODUCES AND DISTRIBUTES

Medical Oxygen (O₂), Compressed Air,
Medical Nitrous Oxide (N₂O), Nitrogen
(N₂), Carbon Dioxide (CO₂), Helium (He)
Hydrogen (H₂), Dry Ice (Card ice)





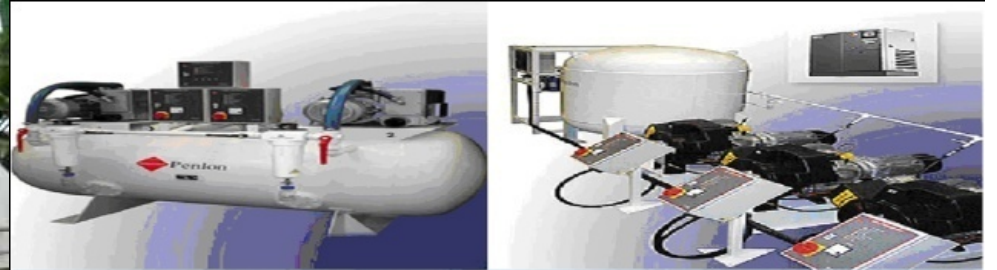
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Medical Oxygen (O₂), Compressed Air, Medical Nitrous Oxide (N₂O), Nitrogen (N₂), Carbon Dioxide (CO₂), Helium (He), Hydrogen (H₂), Dry Ice (Card ice)





GROUP ACTIVITIES



PRODUCES AND DISTRIBUTES

Glacial Acetic Acid, Rectified Spirit (RS), Extra Neutral Alcohol (ENA)
Absolute Alcohol/Fuel Ethanol. Technical Alcohol (TA). Denatured Spirit (DS).
Soap Spirit (SS), Distillery Dry Grain Solid (DDGS).



GROUP ACTIVITIES



DEALS WITH
**Land Development and Design, construction of Apartment,
Commercial and Industrial Building**



GROUP ACTIVITIES



মেগা ফিড

- ❑ A Joint venture Industry amongst Bangladesh , Thailand and Taiwan.
- ❑ It produces various types of fish feed under the brand name “Mega Feed” and “Mega Poultry Feed”



মেগা পোলট্রি ফিড





GROUP ACTIVITIES





GROUP ACTIVITIES



A Joint venture Project between Bangladesh , Thailand and Taiwan.

Spectra Hexa – Namsai Co. Ltd. produces mono-sex tilapia fry and successfully distributing all over Bangladesh under the brand name “NAMSAI FRY”.





Spectra Convention Centre Limited

GROUP ACTIVITIES



SPECTRA GROUP

A modern convention centre with a unique concept and first of its kind in Bangladesh.

It is designed with a concept , where any types of Social, Corporate or Cultural Program can be arranged



GROUP ACTIVITIES



PalmView Restaurant & **GreenPoint** Cafe

One of the finest restaurants in the capital city Dhaka, displaying the contemporary, continental, Japanese, "Indian/Chinese, & Indian cuisines.



GROUP ACTIVITIES



PalmView Restaurant & **GreenPoint** Cafe



GROUP ACTIVITIES

**K. Ali Khan , Bhaban, Nali Bararia Krishna Chandra High School,
Manikganj**

**Maa Ayesha Mosque,
Paturia, Manikganj**

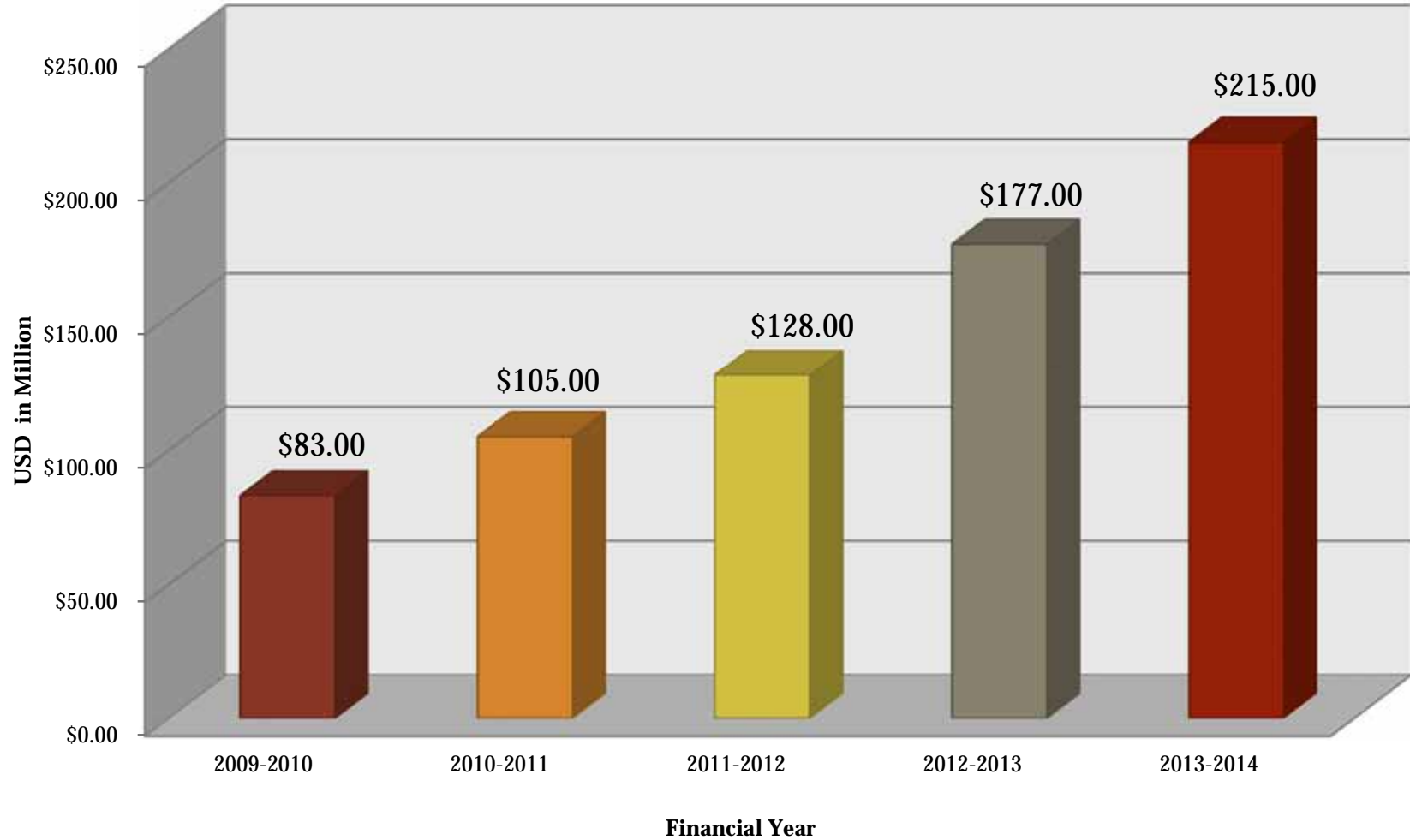
**K. Ali Khan Bridge, Nali,
Manikganj**

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

GROUP TURNOVER



Group Annual Turnover Last- Five Years



RECOGNITIONS



THANKS