



who we are and what we do

Company Profile ►



TURBOMECH E & C Ltd

TURBOMECH CORPORATE OFFICE

Sonartori Tower, Level # 8
12 Bapon Commercial Area, Bir Uttam C.R Datta Road
Karwan Bazar, Dhaka-1205
P.R. Bangladesh



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INTRODUCTION

1. **NAME**
 2. **MAILING ADDRESS**
 3. **TELEPHONE**
 4. **E-MAIL**
 5. **PLACE OF REGISTRATION**
 6. **REGISTRATION NO**
 7. **TYPE OF ORGANIZATION**
 8. **INCOME TAX**
 9. **BANKERS**
- TURBOMECH ENGINEERING AND CONSTRUCTION LTD
 - SONARTORI TOWER, LEVEL # 8, 12, BIPONON COMMERCIAL AREA, BIR UTTAM C.R DATTA ROAD, KARWAN BAZAR, DHAKA-1205, P.R. BANGLADESH
 - +88 01933855232; +8801717688489; +88[02]8815253
 - INFO@TURBOMECH-ENC-BD.COM;
mujakkir@turbomech-enc-bd.com;
aziz@turbomech-enc-bd.com
 - DHAKA, BANGLADESH
 - C-120985
 - PRIVATE LIMITED
 - 151123335710
 - A) MERCANTILE BANK PLC
NIKUNJA C/A BRANCH & MOHAKHALI C/A BRANCH, BANGLADESH
 - B) UNITED COMMERCIAL BANK PLC (UCB
DARUS SALAM ROAD BRANCH, BANGLADESH
 - C) BRAC BANK PLC
BANANI BRANCH, BANGLADESH
 - D) PREMIER BANK PLC
GULSHAN BRANCH, BANGLADESH
 - E) JAMUNA BANK PLC
RING ROAD BRANCH, MOHAMMEDPUR , BANGLADESH

ABOUT US



TURBOMECH E & C LTD organized by a group of professional engineers, initiated at 2011 under the company act of xviii 1994 and started immediate functioning in the field of extensive engineering for the sector of engineering & construction company comprised of graduate Turbomech E & C Ltd is a leading provider of innovative energy solutions in the country. This company is led by a board of directors comprised of three highly skilled individuals who bring a wealth of experience and expertise to the table.

At Turbomech E & C Ltd, we pride ourselves on delivering high-quality energy solutions to meet the diverse needs of our clients. Our state-of-the-art power plants use the latest technology to generate electricity efficiently and with minimal impact on the environment. We also offer a range of related services, including design, installation, and maintenance of power systems. The management emphasizes on a long-standing commitment towards Quality, Health, Safety & Environment and acts as responsible citizen of the planet. We have successfully implemented the QHSE management systems and continue to make improvements.



Mr. Monirul Islam, the Chairman, who brings over 35 years of experience and expertise in the investment industry. Under his leadership, our company has achieved remarkable success in delivering reliable and sustainable energy solutions to our clients.

He is also the Chairman of M.S MI Electric, Fast Taps, Chemical Pvt Ltd, HA Dyeing Ltd & Scheme Properties Ltd



Mr. Ahsanul Mujakkir, Managing Director, represents the finance front and is responsible for ensuring our financial stability and growth. With his strong financial acumen and strategic vision, he has been instrumental in driving our company's growth. His leadership has helped us navigate complex financial landscapes, securing long-term profitability. Additionally, he plays a key role in fostering investor relations and expanding our financial partnerships.



Mr. Abdul Aziz, Deputy Managing Director, is a technical and implementation specialist who oversees the company's technical operations and is implementing new technologies and strategies to enhance our processes. With his wealth of experience and expertise in the industry, he ensures our operations are safe, efficient & sustainable. His innovative approach has significantly improved our operational efficiency & reduced costs. Additionally, he is committed to continuous improvement & environmental sustainability in all our projects

We are ambitious to move forward with a vision of introducing our visible presence in the local market offering total solutions and risk managed tailor-made options with understanding to understanding to address the needs of our client. Soon, we have plans to endeavor in the field of manufacturing facilities of prefabricated structures, solar panels, wind mills and high-pressure boilers. We are under process to establish our offices worldwide. The name stands for trust that reflects to commitment of exceeding customer expectations and contractual obligations.





MESSAGE OF MANAGING DIRECTOR



AS BANGLADESH'S POWER INDUSTRY CONTINUES TO EVOLVE, TURBOMECH HAS EXPERIENCED SIGNIFICANT GROWTH, OWING TO THE INVALUABLE SUPPORT FROM STAKEHOLDERS ACROSS THE BOARD. I EXTEND MY DEEPEST GRATITUDE TO ALL WHO HAVE CONTRIBUTED TO OUR PROGRESS.

AT TURBOMECH, WE ARE DEEPLY COMMITTED TO THE PRINCIPLES OF SUSTAINABILITY, CHAMPIONING GREEN, CIRCULAR, AND LOW-CARBON DEVELOPMENT. CENTRAL TO OUR MISSION IS THE PROMOTION OF RENEWABLE ENERGY SOURCES, AS WE RECOGNIZE THEIR CRITICAL ROLE IN SHAPING A MORE SUSTAINABLE FUTURE. WITH A FIRM BELIEF IN THE TRANSFORMATIVE POWER OF RENEWABLE ENERGY, WE ARE DEDICATED TO ADVANCING CLEAN ENERGY SOLUTIONS THAT BENEFIT BOTH BANGLADESH AND THE GLOBAL COMMUNITY.

AS WE STRIVE FOR EXCELLENCE AND INTERNATIONAL COMPETITIVENESS, OUR VISION REMAINS CLEAR: TO EMERGE AS A WORLD-CLASS INDUSTRIAL LEADER IN THE FIELD OF POWER ENGINEERING, WITH A STRONG EMPHASIS ON RENEWABLE ENERGY TECHNOLOGIES. THROUGH CONTINUOUS INNOVATION AND COLLABORATION, WE AIM TO SET NEW BENCHMARKS IN BANGLADESH'S ENERGY ENGINEERING SECTOR AND SPEARHEAD THE DEVELOPMENT OF CUTTING-EDGE RENEWABLE ENERGY PROJECTS.

TURBOMECH IS COMMITTED TO WORKING HAND IN HAND WITH PARTNERS FROM BANGLADESH AND BEYOND, AS WE COLLECTIVELY PURSUE A FUTURE POWERED BY RENEWABLE ENERGY. TOGETHER, LET US HARNESS THE POTENTIAL OF RENEWABLE ENERGY TO DRIVE SUSTAINABLE GROWTH, SHARE OUR ACHIEVEMENTS, AND BUILD A BRIGHTER TOMORROW FOR ALL.

THANK YOU FOR YOUR UNWAVERING SUPPORT AND COLLABORATION AS WE EMBARK ON THIS JOURNEY TOWARDS A CLEANER, GREENER, AND MORE PROSPEROUS FUTURE .

AHSANUL MUJAKKIR

MANAGING DIRECTOR

who we are and what we do

TURBOMECH

E & C'S

CORE VALUES

- Long standing commitment to Health, Safety and Environment
- Honesty, Trust and Integrity
- Mutual Respect and Excellence
- Team Work

MISSION

To provide value added services to Power + Oil & Gas sector with commitment to deliver beyond contractual obligations and exceeding customer expectations.

VISION

To establish our company through relentless hard work and commitment to our core values and to move on to become a leading and trusted service provider in the region.



Health, Safety And Environment (H.S.E.) POLICY



At **TURBOMECH E&C** we believe our long-term business success depends on our ability to continually improve the quality of our services and products while protecting people as well as the environment. Emphasis must be placed on ensuring human health, operational safety, environmental protection, quality enhancement, and community goodwill. This commitment is in the best interests of all stakeholders and most important asset – LIFE.

QUALITY POLICY

Management is focused to a long standing QHSE management system with commitment to achieve excellence and zero lost time injury targets to benefit all stakeholders.

QUALITY CONTROL

- Direct supervision of the work to enhance the safety and quality of the project.
- Specialized manpower to ensure the quality of the work.
- Cross verification through parallel channels.

HEALTH & SAFETY POLICY

Our statements of health and safety policy are:

- To provide adequate control of the health and safety risks arising from our work activities.
- To consult with our employees on matters affecting their health and safety.
- To provide and maintain safe plant and equipment.
- To ensure safe handling and use of substances.
- To provide information, instruction and supervision for employees.
- To prevent accidents and cases of work-related ill health.
- To review and revise this policy as necessary at regular intervals.

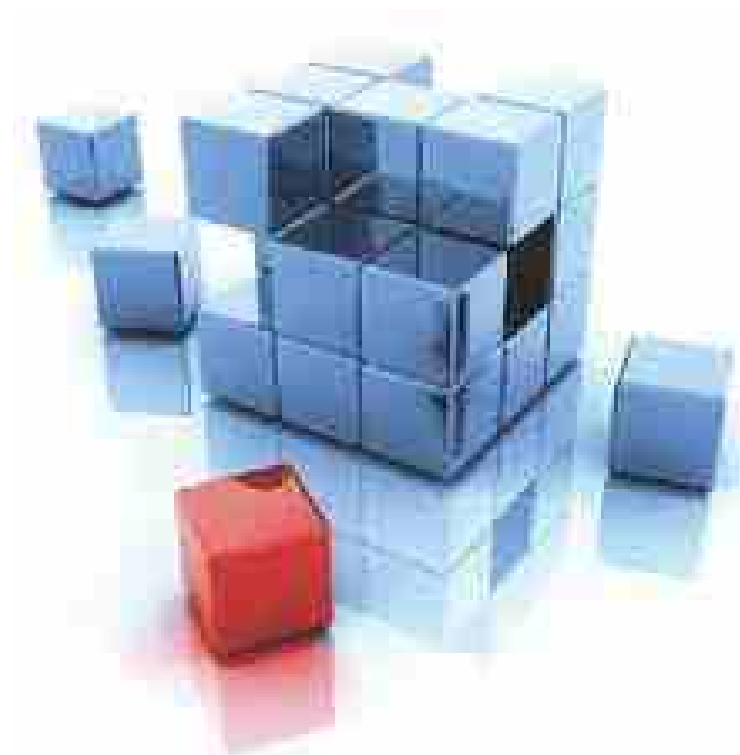
Products and Services

*“At **TURBOMECH E & C** we offer flexible risk managed life cycle solutions for power, oil and gas industry”.*

When beginning a power plant project, you have many decisions to make, including how much risk your company is willing to take on during the installation process.

TURBOMECH E & C has developed an entire range of solutions that allows our customers to be involved in with as much of the process as they wish.

We will work with you to determine the level of risk you want to accept versus the level you want to transfer to **TURBOMECH E & C**. To learn more about Power Masters™ life cycle solutions and to help you decide, please contact us.

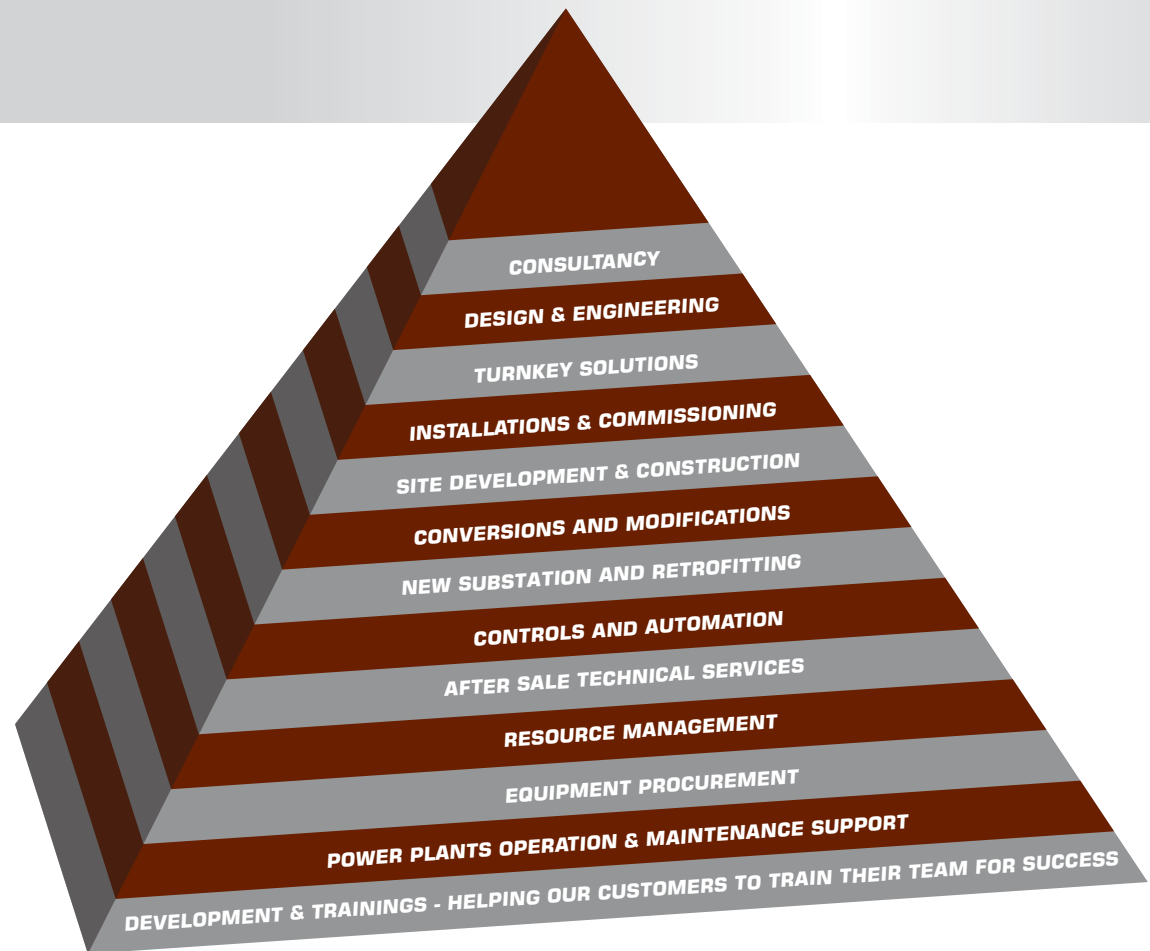


Products and Services

WE OFFER THE FOLLOWING SERVICES

- Consultancy
- Design & Engineering
- Turnkey Project Delivery
- Site Development & Construction
- Installations & Commissioning
- Conversions and Modifications
- Controls and Automation
- New Substation and Retrofitting
- Resource Management
- Operation & Maintenance Services
- After Sale Services
- Technical Support
- Development & Trainings

Whether you are looking for a turnkey solution, operation and maintenance of power plant or only require equipment, we can develop a plan that meets your specific needs. We will make sure your project is completed on time and that all construction and commissioning meet your stringent targets and objectives.



who we are and what we do

CONSULTANCY

- **TURBOMECH E&C** offers multiple years of experience in providing specialized objective advice for your power needs with the aim of maximizing growth and improved plant performance.
- Power Plants development, financial models, feasibility studies, equipment supplier selection, negotiating the scope and contract, project management support and Power Plants technical audits. Contact us.

DESIGN & ENGINEERING

- Basic & Detailed design engineering – electrical, mechanical, civil and control systems.

TURNKEY SOLUTIONS

(Equipment Procurement & Construction)

- **TURBOMECH E&C** brings to you new & used thermal power plants based on various fuels & technologies. Through our impressive network of associates, we can source equipment from multiple sources (including OEMs, resellers as well as direct owners) & locations.



SITE DEVELOPMENT & CIVIL CONSTRUCTION

- We offer services to develop your construction site and make detailed project execution plans effectively integrated with project management tools & techniques, while taking full responsibility for design, engineering and construction of civil works.



INSTALLATIONS & COMMISSIONING

- We specialize in installations and commissioning having rich experience in successful installations, commissioning and testing of Power Plants.



NEW SUBSTATION & RETROFITTING

- We offer full array of services for new substation and retrofitting works. We provide support through innovative design solutions for optimization, equipment expansion, adding stability through leading-edge technology.





CONVERSIONS & MODIFICATIONS

- We are focused to deliver tailor made solutions for specialized jobs of conversions and modifications.

CONTROLS & AUTOMATION

- We offer total solutions for your control and automation system.

RESOURCE MANAGEMENT

TURBOMECH E&C offers the resource management & staffing solutions including provision of skilled personnel from a pool of experts having rich experience related to specialized job on construction, installations, commissioning and troubleshooting on need bases.

POWER PLANTS OPERATION & MAINTENANCE SUPPORT

When we come to maintaining your power plant, we know that reliability is important. We offer four basic power plant service packages or we can customize any package for you by adding or adjusting services.

- Tailored solutions
- Total Maintenance Agreement (TMA)
- Full-time maintenance staff on site for all plant maintenance
- Predictive and preventative maintenance
- Guaranteed performance
- Scheduled Maintenance Service Agreement (SMSA)
- Condition based maintenance agreements
- Major maintenance intervals performed
- Fixed scheduled maintenance costs
- Includes labor and parts
- Technical Service Agreement (TSA)
- On-site tech support

AFTER SALE TECHNICAL SERVICES

- We offer complete range of field service and spare parts for planned, condition based or breakdown maintenance.

- Field engineering support: Electrical, Mechanical, Civil, and Control System
- Site technical advisory service – Electrical, Mechanical and Control Systems

DEVELOPMENT & TRAININGS - Helping our customers to Train their Team for success

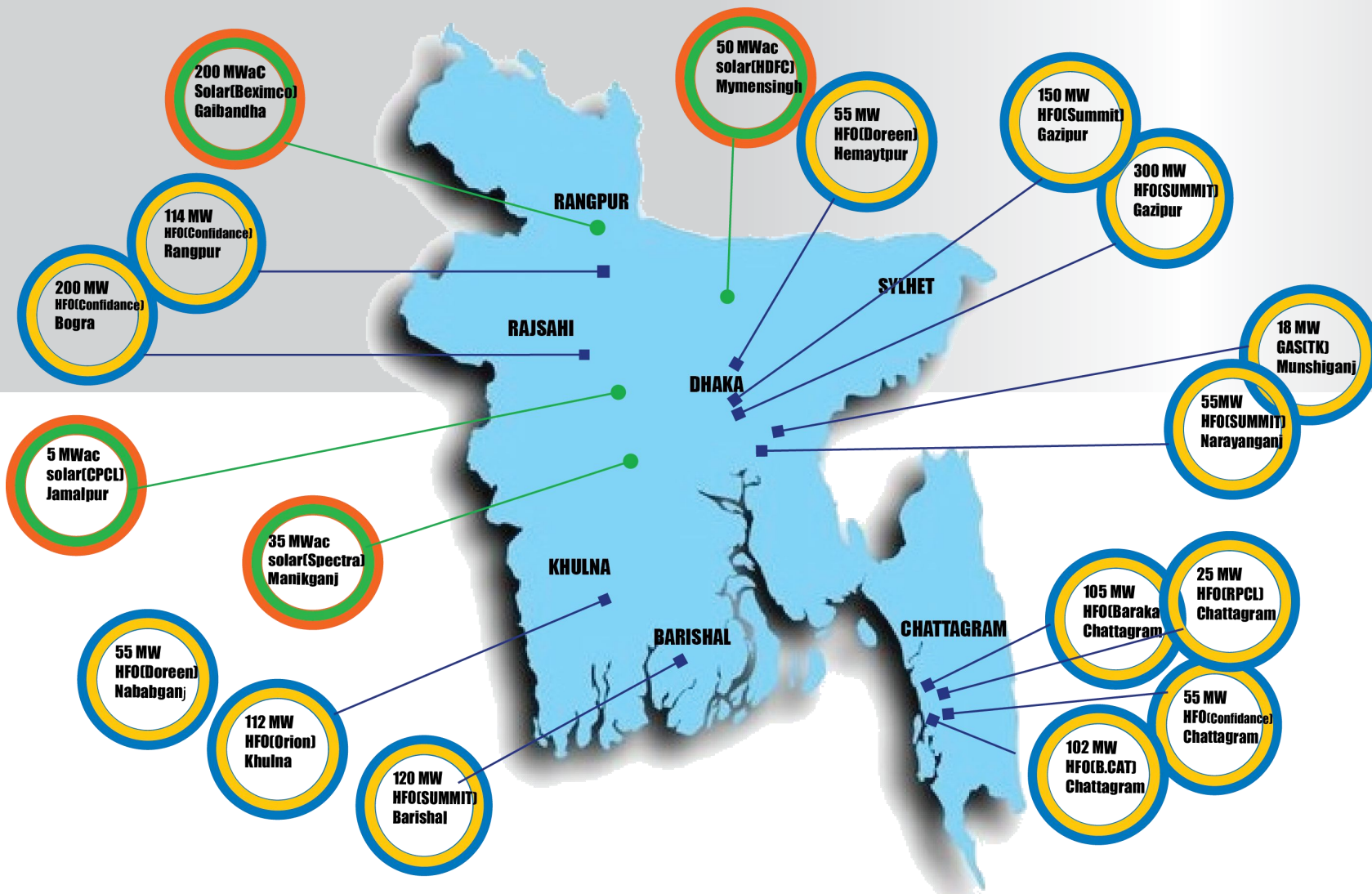
Equip your employees for specific system maintenance, repair and procedure requirements. We offer factory, on-the-job and continued education training under the following headings:

- Operating precautions
- Service frequency of generator sets.
- Proper use of hand tools for repairs
- Proper use of system specific / special Tools
- Replacement and service parts
- Recommendations on stock or spare Parts
- Parts ordering procedures
- Plant walk-downs
- Operation and maintenance knowledge

TURBOMECH FOOTPRINT

FROM 2012 TO PRESENT, WE'VE SUCCESSFULLY ENGINEERED AND CONSTRUCTED 23 POWER GENERATION UNITS, DELIVERING A COMBINED CAPACITY OF 2277.17 MW, DEMONSTRATING OUR COMMITMENT TO POWERING THE FUTURE.

S/N	Code	NAME OF THE PROJECT	CAPACITY	TYPE	COMPLETION YEAR	TOTAL CAPACITY (MW)	REMARKS
01.	T5490	Teesta Solar Limited (Beximco Group)	280 MWp	SOLAR	2021-2023	2277.17 MW	Completed
02.	T5491	EGCB 50MWac Grid Connected Feni Solar Project	75 MWp	SOLAR	2021-2022		Completed
03.	T5492	Spectra Solar Park Limited	45 MWp	SOLAR	2020-2021		Completed
04.	T5493	EnergyPac Venture 113MW Storage Tank Terminal Facility (EPVL)	113MW	HFO	2020-2021		Completed
05.	T5494	HDFC Sinpower Limited	74.67MWp	SOLAR	2019-2020		Completed
06.	T5495	Baraka Shikalbaha Power Limited	106 MW	HFO	2018-2019		Completed
07.	T5496	Baraka Karnaphuli Power Limited	115 MW	HFO	2019		Completed
08.	T5497	AISL Juldha Power-3 rd Unit	104 MW	HFO	2018-2019		Completed
09.	T5498	Orion Power Rupsha Limited	115 MW	HFO	2018		Completed
10.	T5499	Confidence Power Rangpur Limited	114 MW	HFO	2018-2019		Completed
11.	T5500	Confidence Power Bogra Limited(U#1)	115 MW	HFO	2018		Completed
12.	T5501	Confidence Power Bogra Limited (U#2)	115 MW	HFO	2018		Completed
13.	T5502	Xodiac Power Limited	55 MW	HFO	2018		Completed
14.	T5503	ACE Alliance Power Limited	156 MW	HFO	2017-2018		Completed
15.	T5504	Summit Gazipur ii Power Limited	300 MW	HFO	2018		Completed
16.	T5505	Summit Power Barishar Limited	120 MW	HFO	2016		Completed
17.	T5506	Dhaka Southern Power Generation Limited	55 MW	HFO	2016		Completed
18.	T5507	Dhaka Northern Power Generation Limited	55 MW	HFO	2016		Completed
19.	T5508	Summit Power Narayanganj Unit-II Limited	65 MW	HFO	2016		Completed
20.	T5509	Engreen Sarishabari Solar Power Plant Limited (Cpcl)	4.5 MWp	SOLAR	2016		Completed
21.	T5510	Samuda Power Limited	18 MW	GAS	2015		Completed
22.	T5511	RPCL Raozan Power Limited	25 MW	HFO	2013		Completed
23.	T5512	RPCL Gazipur Power Limited	52 MW	HFO	2012		Completed





SUMMARY

Company & Projects



SN	PROJECT NAME	PLANT TYPE & YEAR	SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE
1	TEESTA SOLAR LIMITED (BEXIMCO GROUP)	Renewable 2021-23	1 25000 Cu.m Concrete (C15, C25, C40) Production, Supplying, Pouring Including Modern Lab Facility with Batching Plant (25Cu.m/hr)	LONGI	200MW (AC)/280MWp (DC)	SUNDARGANJ, GAIBANDHA	528302 (PANEL)	18 MONTHS	BDT 531.57 MILLION
			2 786 No's / 13 Mtr Pre-Cast Pile Production Including rebar & RMC Along with Driving & Pile Load testing						
			3 Construction of Main Control Room Building (400 Sq.m) Including All Civil Construction Raw Materials, Electro-Mechanical Installation Materials.						
			4 Construction of LV & MV Cable trenches Including All Civil Construction Raw Materials.						
			5 Construction & Installation of 100MWp (AC) IDT Foundation (08 No's).						
			6 Construction & Installation of 100MWp (AC) Inverter Foundation (08 No's).						
			7 Construction & Installation of 1016 No's SCB Foundation (280MWp-DC).						
			8 Unloading of Project Capital Machinery Carrying Containers & Trailers.						
			9 Project Surveying & Site Development						
2	EGCB 50MW(AC) / 65MWp(DC) Grid Connected Feni Solar Project	Renewable 2021-22	A Geo -Technical Survey work conducting such as but not limited to	TRINA	75MWp	Sonagazi , Feni , Chittagong	144230 (PANEL)	12 MONTHS	BDT 50 MILLION
			1 Execution of exploratory borings, recoding of sub soil stratification and position of ground water level						
			2 2.Execution of Standard penetration test						
			3 3.Skin friction and bearing values calculation for deep foundation						
			4 4.Liquefaction analysis of the project site						
			5 5.Road access surveying						
			6 6.soil resistivity and thermal resistance analysis						
			7 7.flood Risk study						
			8 8.Contour mapping of the project site						
			9 9.Preparation of final reports						
			B Civil construction design scope						
			1 Embankment designing						
			2 Road construction designing						
			3 Project boundary designing						
			4 Project Drainage system designing						
			5 Fire fighting system designing						
			6 ITC foundation designing						
			7 MMS structure designing						
			8 PV field pile foundation designing						
			9 33/230KV substation civil foundation designing						
			10 MCR building structural & architectural designing						
			11 Switchgear building structural & architectural designing						
			12 Main Power Transformer foundation designing						
			13 Auxiliary power transformer civil foundation designing						
			14 EDG foundation designing						
			15 Main approach bridge designing						
			16 Pump house with sluice gate designing						
			17 Culvert designing						

SN	PROJECT NAME	PLANT TYPE & YEAR	SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE
			C Electrical system Design scope 1 Project lighting system designing 2 Project grounding system designing 3 Project thunder protection system designing 4 DC & AC cable trench system designing 5 Weather station system designing 6 DC & AC cable laying-termination schedule preparation 7 CCTV system designing						
3	SPECTRA 35MWp (AC)/45MWp (DC) SOLAR POWER PLANT (SPECTRA GROUP)	Renewable 2021	1 68760 No's Solar Panel Installation 2 1200T MMS Structure Installation 3 6 No's Inverter Installation 4 24T Fabricated Structure Supply & Installation for Inverter 5 51.4Km PV Cable Laying & Termination 6 F.30.66Km DC Cable Laying & Termination 7 9.2Km AC Cable Laying & Termination 8 7.75Km Pipe Line Supply & Installation 9 14.91Km Grounding Bar Supply & Installation 10 57.45km PV Grounding Cable Supply & Installation 11 PV Field, Inverter Area, Booster Station Area Total Lighting System Supply & Installation 12 33KV Transformer Installation 13 33KV GIS Installation 14 12Km Cable Tray Supply & Installation 15 9T Pre-Fabricated Cable Tray Mounting Structure Supply & Installation 16 96 Set Combiner Box Installation 17 1.95Km Internal Drainage Construction 18 Storage & Unloading of 169 No's Containers 19 27808 CUM Earth Excavation & Backfilling 20 100ton/Hr Module Cleaning System Supply & Installation 21 2342 Set Grounding Pipe Supply & Installation 22 222CUM Concrete Work 23 26 Ton Reinforcement Work 24 6.12Km Cable Trench Construction	SUNTECH	35MWp	Manikganj	137520 (panel)	06 Months	BDT 196 Million
4	EnergyPac Venture 113MW Storage Tank Terminal Facility (EPVL)		1 Detailed Design & Engineering of the project 2 0.5Km RCC Road Construction 3 94m Pre-Fabricated Gangway Construction 4 95m River Protection Construction 5 220 SQM Office Building Construction 6 2430 Meter Pile Driving 7 D=28 Meter / RCC Tank Foundation 8 D=6 Meter / RCC Tank Foundation						

SN	PROJECT NAME	PLANT TYPE & YEAR		SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE						
		Oil Storage Facility 2020	9	20 SQM Pump Shed Construction	EPVL	113 MW	Pabna	Terminal Facility	12 Month	BDT 180Million						
			10	55SQM Transformer & DG Shed Construction												
			11	40 SQM Fire Fighting Shed Construction												
			12	300 SQM Truck Loading Shed Construction												
			13	110 SQM Operator's Shed Construction												
			14	500 SQM Vehicle Standing Area Construction												
			15	14 SQM Security & Gate Post Construction												
			16	68 SQM Weight Scale & Control Room Construction												
			17	25mx6mx2m Pontoon Construction												
			18	300MT Pre-Fabricated Steel Supply & Installation												
			19	600Meter Pipe Line Supply & Construction												
			20	Fire Fighting System Supply & Installation												
			21	Oil Pumping System Supply & Installation												
			22	Heating System Supply & Installation												
			23	HVAC System Supply & Installation												
			24	W. Transformer, Diesel Generator, Switchgear Supply & Installation												
			25	Water Supply System Supply & Installation												
			26	Y. Project Lighting System Supply & Installation												
			27	Testing & Commissioning												
5	MYMENSINGH 50MWp (AC)/74.67MWp (DC) SOLAR POWER PLANT (HDFC SinPower Limited)	Renewable 2020	1	12417 No's PHC Pile Driving							LONGi	50MWp	Mymensingh	169000 (Panel)	09 Months	BDT 320 Million
			2	150549 No's Solar Panel Installation												
			3	1780T MMS Structure Installation												
			4	12 No's Inverter Installation												
			5	487.26Km PV Cable Laying &Termination												
			6	21.5Km DC Cable Laying & Termination												
			7	5.7Km AC Cable Laying & Termination												
			8	20.17Km Pipe Line Installation												
			9	19.8Km Grounding Bar Supply & Installation												
			10	88252 Set PV Grounding Cable Supply & Installation												
			11	PV Field, Inverter Area, Booster Station Area Total Lighting System Supply & Installation												
			12	60MVA / 132KV Main Transformer Installation												
			13	33/132KV Substation Installation & Debugging												
			14	HV /MV/LV Switchgear Installation & Debugging												
			15	Unloading of 484 No's Containers & Pile Carrying Trailers												
			16	27808 CUM Earth Excavation & Backfilling												
			17	1474CUM Concrete Work												
			18	83.66 Ton Reinforcement Work												
			19	56Ton Pre-Fabricated Steel Structure Supply & Installation												
			20	4Km Cable Trench Construction												
			21	150m Boundary Wall Construction												
			22	290SQM Power Distribution Building Construction												

SN	PROJECT NAME	PLANT TYPE & YEAR	SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE
6	BARAKA SHIKALBAHA POWER LIMITED (BARAKA GROUP)	HFO FIRED ENGINE DRIVEN 2019	23 17 SQM Security Gate House Construction	WARTSILA	105MW	CHITTAGONG, BANGLADESH	6 No's Engine	09 MONTHS	BDT 175MILLION (FOREIGN + LOCAL CONST.)
			24 420 SQM Admin Building Construction						
			25 Substation Area Fire Fighting System Equipment Supply & Installation						
			1 Design-Supply-Erection-Installation Pump Skids						
			2 Design-Supply-Fabrication-Construction Of Stack Towers						
			3 Design-Supply-Fabrication-Construction-Installation Of Radiator Structures						
			4 Supply-Fabrication-Construction-Installation Of Pipe Line						
			5 Design- Supply-Fabrication-Construction Of Plant Overall Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure						
7	Baraka Karnaphuli Power Limited	HFO FIRED ENGINE DRIVEN 2019	6 Design-Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts	WARTSILA	105MW	CHITTAGONG, BANGLADESH	6 No's Engine	09 MONTHS	BDT 175MILLION (FOREIGN + LOCAL CONST.)
			7 Design-Supply-Fabrication-Construction-Installation Of Alternator Hot Air Ducts						
8	ACORN INFRASTRUCTURE SERVICES LIMITED (BANGLA CAT)	HFO FIRED ENGINE DRIVEN 2018	8 Installation OfOem Supplied All Auxiliary Machineries	WARTSILA	105MW	CHITTAGONG, BANGLADESH	6 No's Engine	09 MONTHS	BDT 175MILLION (FOREIGN + LOCAL CONST.)
			1 SupplyOf Plant Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure						
9	ORION POWER RUPSHA LIMITED (ORION GROUP)	HFO FIRED ENGINE DRIVEN 2018	2 Supply Of Pipe Line and Valves	CATERPILLAR	102MW	CHITTAGONG, BANGLADESH	8 No's Engine	06 MONTHS	BDT 75MILLION (FOREIGN + LOCAL CONST.)
			1 Design-Supply-Fabrication-Construction Of Stack Towers						
10	CONFIDENCE POWER RANGPUR LIMITED (CPRL)	HFO FIRED ENGINE DRIVEN 2018	2 Design-Supply-Fabrication-Construction Of Duct Support Structure	WARTSILA	112MW	RUPSHA, KHULNA, BANGLADESH	6 No's Engine	07 MONTHS	BDT 100MILLION (FOREIGN + LOCAL CONST.)
			3 Design-Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts						
11	CONFIDENCE POWER BOGRA LIMITED -UNIT I	HFO FIRED ENGINE DRIVEN 2018	4 Design-Supply-Fabrication-Construction-Installation Of Alternator Hot Air Ducts	WARTSILA	112MW	RUPSHA, KHULNA, BANGLADESH	6 No's Engine	07 MONTHS	BDT 100MILLION (FOREIGN + LOCAL CONST.)
			1 Design-Supply-Erection-Installation Of Compressor – (CPRL SCOPE)						
12	UNIT II (CPBL)	HFO FIRED ENGINE DRIVEN 2018	2 Design-Supply-Erection-Installation Pump Skids – (CPRL + CPBL + COSCL + ZPCL SCOPE)	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)
			3 Supply-Fabrication-Construction Of Tank Firms - (CPRL SCOPE + COSCL SCOPE)						
13	ZODIAC POWER CHITTAGONG LIMITED (ZPCL)	HFO FIRED ENGINE DRIVEN 2018	4 Supply-Fabrication-Construction Of Stack Towers - (CPRL SCOPE)	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)
			5 Supply-Fabrication-Construction-Installation Of Radiator Structures - (CPRL SCOPE)						
14	ACE ALLIANCE POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2018	6 Supply-Fabrication-Construction-Installation Of Pipe Line - (CPRL SCOPE)	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)
			7 Supply-Fabrication-Construction Of Plant Overall Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure - (CPRL SCOPE)						
15	ACE ALLIANCE POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2018	8 Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts - (CPRL SCOPE)	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)
			9 Installation Of OEM Supplied All Auxiliary Machineries - (CPRL SCOPE)						
16	ACE ALLIANCE POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2018	1 Design-Supply-Erection-Installation Of Pump Skids	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)
			2 Design-Supply-Fabrication-Construction Of Stack Towers						
17	ACE ALLIANCE POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2018	3 Design-Supply-Fabrication-Construction-Installation Of Radiator Structures	ROLLS ROYCE / MAN	114MW / 220MW / 55MW	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH	16 + 12 + 3 No's Engine	09 MONTHS	BDT 450 MILLION (FOREIGN + LOCAL CONS.N)

SN	PROJECT NAME	PLANT TYPE & YEAR	SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE
		HFO FIRED ENGINE DRIVEN 2018	1 Supply-Fabrication-Construction-Installation Of Pipe Line 2 Design- Supply-Fabrication-Construction Of Engine Hall Steel Building 3 Design- Supply-Fabrication-Installation-Commissioning Of Ventilation System 4 Design- Supply-Fabrication-Installation-Commissioning Of Over-Head Cranes. 5 Supplying Of Overall Project Lighting 6 Supplying Of Tank Instruments 7 Design- Supply-Fabrication-Installation-Commissioning Of Air Compressor Units	WARTSILA	150 MW	GAZIPUR, DHAKA, BANGLADESH	9 No's Engine	09 MONTHS	BDT 300 MILLION (FOREIGN + LOCAL CONST.)
15	SUMMIT GAZIPUR II POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2018	1 Design-Supply-Erection-Installation Of Pump Skids 2 Design-Supply-Fabrication-Construction Of Stack Towers 3 Design-Supply-Fabrication-Construction-Installation Of Radiator Structures 4 Supply-Fabrication-Construction-Installation Of Pipe Line 5 Design- Supply-Fabrication-Construction Of Engine Hall Steel Building 6 Design- Supply-Fabrication-Installation-Commissioning Of Ventilation System 7 Design- Supply-Fabrication-Installation-Commissioning Of Water Treatment Plant 8 Design- Supply-Fabrication-Installation-Commissioning Of Over-Head Cranes. 9 Design-Supply-Fabrication-Construction Of Tank Firms 10 Supplying Of Overall Project Lighting 11 Supplying Of Forklift 12 Supplying Of Tank Instruments 13 Design- Supply-Fabrication-Installation-Commissioning Of Air Compressor Units	WARTSILA	300 MW	GAZIPUR, DHAKA, BANGLADESH	18 No's Engine	09 MONTHS	BDT 500 MILLION (FOREIGN + LOCAL CONST.)
16	SUMMIT BARISAL POWER LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2016	1 HFO / LFO / Lube Oil / Oily Water / Sludge Pump Skids 2 2.Water Booster System 3 Fire Fighting System 4 All Mechanical Valves 5 Project Lighting System 6 Project Cable Ladders 7 Project Insulation Materials	WARTSILA	120 MW	BARISHAL, BANGLADESH	7 No's Engine	09 MONTHS	BDT 65MILLION (FOREIGN + LOCAL CONST.)
17	DHAKA SOUTHERN POWER GENERATION LIMITED (DOREEN GROUP)	HFO FIRED ENGINE DRIVEN 2016	1 Design-Engineering-Supply-Construction of Barge Unloading System 2 Pump Skid 3 Pipe Line Construction	MAN	55 MW	NABABGANJ, DHAKA	3 No's Engine	09 MONTHS	BDT 6 MILLION (FOREIGN + LOCAL CONST.)
18	DHAKA NORTHERN POWER GENERATION LIMITED (DOREEN GROUP)	HFO FIRED ENGINE DRIVEN 2016	1 Design-Engineering-Supply-Construction of Barge Unloading System 2 Pump Skid 3 Pipe Line Construction	MAN	55 MW	HAMAYETPUR, SAVAR	3 No's Engine	09 MONTHS	BDT 6 MILLION (FOREIGN + LOCAL CONST.)
19	SUMMIT NARAYANGANJ POWER UNIT-2 LIMITED (SUMMIT GROUP)	HFO FIRED ENGINE DRIVEN 2015	1 HFO / LFO / Lube Oil / Oily Water / Sludge Pump Skids 2 Water Booster System 3 Fire Fighting System 4 All Mechanical Valves 5 Project Lighting System 6 Project Cable Ladders 7 Project Insulation Materials	WARTSILA	55 MW	NARAYANGANJ, DHAKA	3 No's Engine	09 MONTHS	BDT 45MILLION (FOREIGN + LOCAL CONST.)
20	ENGREEN SARISHABARI SOLAR POWER PLANT LIMITED (CPCL)	SOLAR POWER, SOLAR WORLD 2015	1 Design-Engineering-Procurement-Supply-Installation of 2 Mounting Structure 3 Cable		3 MW	SARISHABARI, JAMALPUR	14000 (panel)	09 MONTHS	BDT 30 MILLION (FOREIGN + LOCAL CONST.)

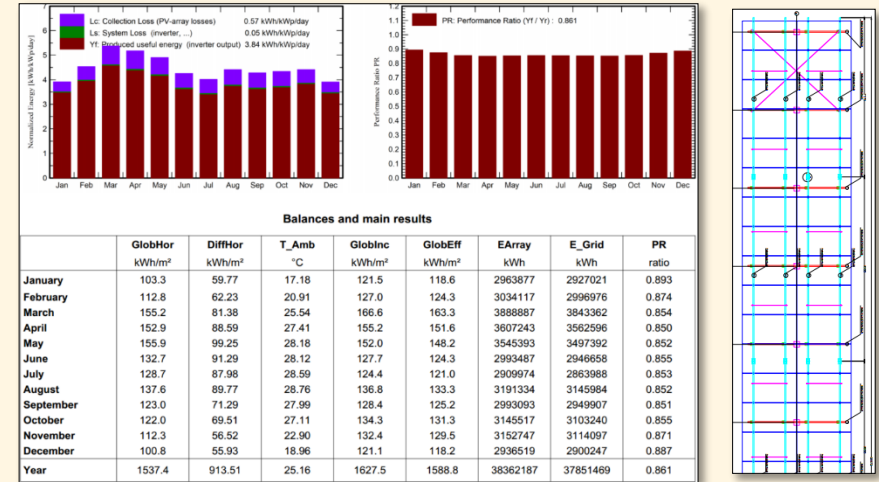
SN	PROJECT NAME	PLANT TYPE & YEAR	SCOPE OF WORKS	OEM	PLANT CAPACITY	PLANT LOCATION	QTY	COMPLETION TIME	TOTAL CONTRACT VALUE
21	MUNSHIGANJ GAS POWER PLANT (TK GROUP)	GAS POWER PLANT 2015	1 Ventilation System 2 Module Installation 3 Exhaust Gas System Installation 4 Installation of Radiator Structure 5 Supply of Exhaust Gas Bellows 6 Supply of Mechanical Valves	WARTSILA	18MW	MUNSHIGANJ, BANGLADESH	2 No's Engine	06 MONTHS	BDT 10 Million
22	RURAL POWER COMPANY LIMITED (RPCL)	HFO FIRED ENGINE DRIVEN 2013	1 Tank Construction 2 Stack Construction 3 Installation of Exhaust Gas Ducts 4 Installation of Engine Hall Auxiliaries 5 Construction of Pipe Line 6 Ventilation System	WARTSILA	25MW	RAWZAN, CHITTAGONG	3 No's Engine	06 MONTHS	BDT 120 Million
23	RURAL POWER COMPANY LIMITED (RPCL)	HFO FIRED ENGINE DRIVEN 2012	1 Tank Construction 2 Stack Construction 3 Installation of Exhaust Gas Ducts 4 Installation of Engine Hall Auxiliaries 5 Construction of Pipe Line 6 Ventilation System	WARTSILA	52MW	GAZIPUR, DHAKA, BANGLADESH	6 No's Engine	10 MONTHS	BDT 150 Million
24	CONFIDENCE OIL & SHIPPING CO., LTD (CONFIDENCE GROUP)	2018	1 Construction of 2x4000KL Storage Tank 2 Construction of 1x500KL Diesel Tank 3 Design - S/Supply - Installation - Commissioning of Pump Skids			PABNA, BANGLADESH		6 MONTH	BDT 25 MILLION
25	MODERN POLY INDUSTRIES LTD (TK GROUP)	60T/H WATER TREATMENT PLANT 2016	1 Pre-Treatment + RO unit Value : BDT 2 Supply of EDI system Antiscalant system,Dosing system 3 Supply of dosing system 4 Installation + Commissioning		60000kg/Hr	MOIZZERTECH, CHITTAGONG		03 MONTH	BDT 12.75Million
26	SUPER PETROCHEMICAL (Pvt.) LTD	PIPES-FITTINGS 2016	1 Supply of pipe line 2 Supply of valves, fittings		11000 Mtr	JULDA, CHITTAGONG			BDT 20 million
27	Hydrogen Plant-(EGCB)	Hydrogen 2023	1 Supplying-Installation of Container 2 Overall layout design 3 Installation-Testing-Commissioning of Compressor, Purifier & Dryer, Hydrogen Generator, Control Panel, Chiller 4 Supplying-Installation-Testing of Buffer Tank- 20 bar 5 Designing-Supplying-Installation-Commissioning of Main Distribution Panel 6 Supplying-Installation-Testing of Container Outside Pipe Line 7 Supplying-Installation-Testing of Container Inside Pipe Line 8 Supplying-Laying-dressing-Termination-Testing of Power Cables, Signal & Opt fiber Cables 9 Designing-Supplying-fabrication-Installation of 110 KW main Distribution Box 10 Designing-Supplying-fabrication-Installation of Steel Support Structure Materials 11 Supplying-Installation-Testing-Commissioning of HVAC system required for the Container Based Hydrogen generator Plant	VERDE	6.6 M3/H 12 bar	Siddhirganj, Narayanganj, Dhaka	40 Feet Container	09 MONTHS	BDT 5 MILLION

PHOTOGRAPHS



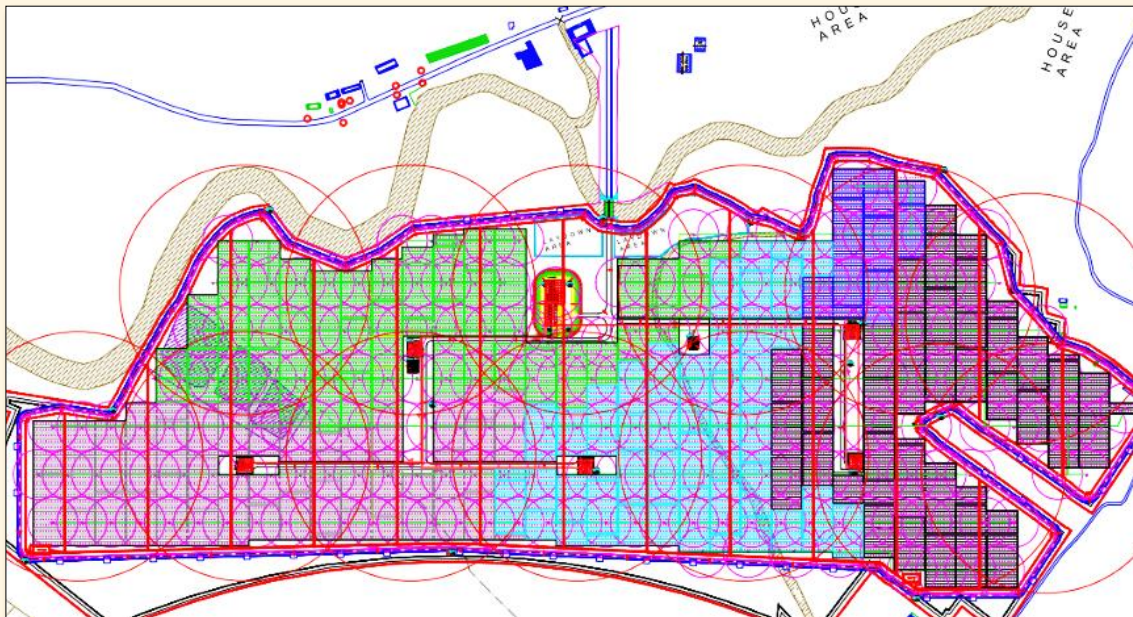
TURBOMECH Design Section

A	Geo -Technical Survey work conducting such as	B	Civil construction design scope
1	Execution of exploratory borings, recoding of sub soil stratification and position of ground water level	1	Embankment designing
2	2.Execution of Standard penetration test	2	Road construction designing
3	3.Skin friction and bearing values calculation for deep foundation	3	Project boundary designing
4	4.Liquefaction analysis of the project site	4	Project Drainage system designing
5	5.Road access surveying	5	Firefighting system designing
6	6.soil resistivity and thermal resistance analysis	6	ITC foundation designing
7	7.flood Risk study	7	MMS structure designing
8	8.Contour mapping of the project site	8	PV field pile foundation designing
9	9.Preparation of final reports	9	33/230KV substation civil foundation designing
C	Electrical system Design scope	10	MCR building structural & architectural designing
1	Project lighting system designing	11	Switchgear building structural & architectural designing
2	Project grounding system designing	12	Main Power Transformer foundation designing
3	Project thunder protection system designing	13	Auxiliary power transformer civil foundation designing
4	DC & AC cable trench system designing	14	EDG foundation designing
5	Weather station system designing	15	Main approach bridge designing
6	DC & AC cable laying-termination schedule preparation	16	Pump house with sluice gate designing
7	CCTV system designing	17	Culvert designing

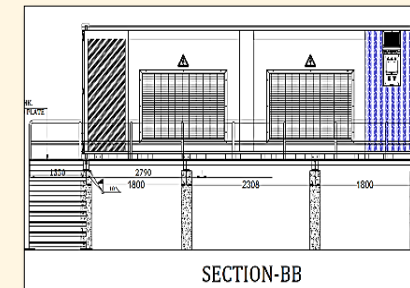


PV Project simulation

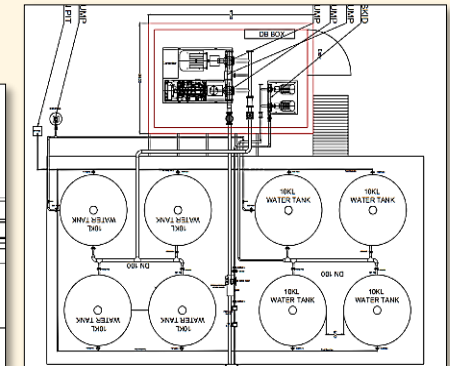
PV array design



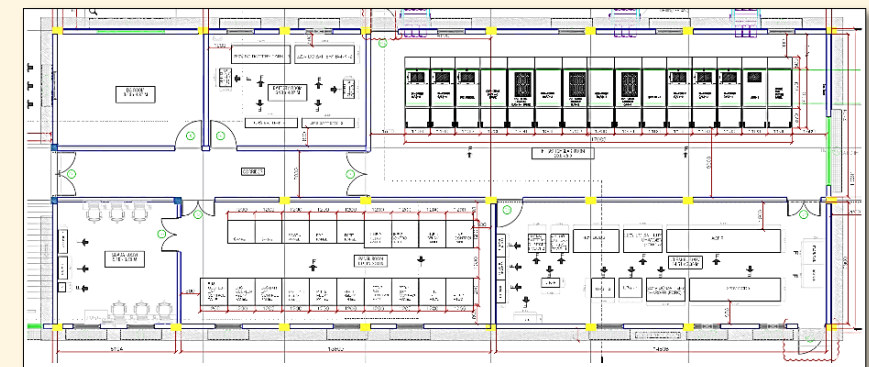
Solar Project Layout



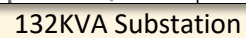
ICR/IDT Foundation



Module Cleaning



Control Building



T5490 - 200MWac Teesta Solar Limited

PROJECT NAME	TEESTA SOLAR LIMITED (BEXIMCO GROUP)
PLANT TYPE	RENEWABLE
OEM	LONGI
CAPACITY	200MWp (AC)/280MWp (DC)
PLANT LOCATION	SUNDARGANJ, GAIBANDHA
SCOPE OF WORK	25000 Cum Concrete (C15, C25, C40) Production, Supplying, Pouring Including Modern Lab Facility with Batching Plant (25Cu.m/hr.) 786 No's / 13 M Pre-Cast Pile Production Including rebar & RMC Along with Driving & Pile Load testing - Construction of Main Control Room Building (400 Sqm) Including All Civil Construction Raw Materials, Electro-Mechanical Installation Materials. - Construction of LV & MV Cable trenches Including All Civil Construction Raw Materials. - Construction & Installation of 100MWp (AC) IDT Foundation (08 No's). - Construction & Installation of 100MWp (AC) Inverter Foundation (08 No's). - Construction & Installation of 1016 No's SCB Foundation (280MWp-DC) - Unloading of Project Capital Machinery Carrying Containers & Trailers. - Project Surveying & Site Development
COMPLETION TIME	18 MONTHS
TOTAL CONTRACT VALUE	BDT 531.57 MILLION



Solar power plant



Main Control Room (Construction)



Main Control Room (Construction)



Main Control Room



ICR & IDT - Total 16 nos



13m Pile Construction



Tool meeting

T5490 - 200MWac Teesta Solar Limited



Batching plant



All pile Driving



Owner's Inspection



ICR Rebar Work



IDT after Installation



Casting Team



IDT Rebar work



Rebar work



Casting work



Inside MCR

T5492 - Spectra 35MWac Solar Power Ltd

Project Name	35MWp (AC)/45MWp (DC) Solar Power Plant
Plant type	Renewable
OEM	SUNTECH
Capacity	35MWac
Plant Location	Manikganj, Bangladesh
Scope of Works	• 68760 No's Solar Panel Installation • 1200T MMS Structure Installation • 6 No's Inverter Installation • 24T Fabricated Structure Supply & Installation for Inverter • 51.4Km PV Cable Laying & Termination • 30.66Km DC Cable Laying & Termination • 9.2Km AC Cable Laying & Termination • 7.75Km Pipe Line Supply & Installation • 14.91Km Grounding Bar Supply & Installation • 57.45km PV Grounding Cable Supply & Installation • PV Field, Inverter Area, Booster Station Area Total Lighting System Supply & Installation • 33KV Transformer Installation • 33KV GIS Installation • 12Km Cable Tray Supply & Installation • 9T Pre-Fabricated Cable Tray Mounting Structure Supply & Installation • 96 Set Combiner Box Installation • 1.95Km Internal Drainage Construction • Storage & Unloading of 169 No's Containers • 27808 CUM Earth Excavation & Backfilling • 100ton/Hr Module Cleaning System Supply & Installation • 2342 Set Grounding Pipe Supply & Installation • 222CUM Concrete Work • 26 Ton Reinforcement Work • 6.12Km Cable Trench Construction
Number of Cell	137520
Completion Time	06 Months
Total Contract Value	BDT 196 Million



Plant Grid Connection Ceremony



Morning Assembly



MMS and PV panel

T5492- Spectra 35MWac Solar Power Ltd



Substation Foundation Construction



Substation



Material Unloading



Inverter and Transformer



Plant Drainage system Construction



Weather Station



Drainage slab construction



Plant Inspection Team



Cable tray supply

T5492- Spectra 35MWac Solar Power Ltd



GIS Installation



Transformer Installation



MMS Installation and plant storage



Cable Schedule work



Cable Termination



Module Cleaning system and Deep Tube-well Installation



Cable Supply



MMS and PV panel Installation

T5493 - EnergyPac Venture 113MW Storage Tank Terminal Facility (EPVL), Pabna

Project Name	2x2000MT Heavy Fuel Oil Tank Terminal Project
Plant type	Oil Storage Facility
OEM	EPVTL
Capacity	4000MT
Plant Location	Pabna, Bangladesh
Scope of Works	-Detailed Design & Engineering of the project -0.5Km RCC Road Construction -94m Pre-Fabricated Gangway Construction -95m River Protection Construction -220 SQM Office Building Construction -2430 Meter Pile Driving -D=28 Meter / RCC Tank Foundation -D=6 Meter / RCC Tank Foundation -20 SQM Pump Shed Construction -55SQM Transformer & DG Shed Construction -40 SQM Fire Fighting Shed Construction -300 SQM Truck Loading Shed Construction -110 SQM Operator's Shed Construction -500 SQM Vehicle Standing Area Construction -14 SQM Security & Gate Post Construction -68 SQM Weight Scale & Control Room Construction -25mx6mx2m Pontoon Construction -300MT Pre-Fabricated Steel Supply & Installation -600Meter Pipe Line Supply & Construction -Fire Fighting System Supply & Installation -Oil Pumping System Supply & Installation -Heating System Supply & Installation -HVAC System Supply & Installation -Transformer, Diesel Generator, Switchgear Supply & Installation -Water Supply System Supply & Installation -Project Lighting System Supply & Installation -Testing & Commissioning
No's of tank	2 Unit
Completion Time	Ongoing
Total Contract Value	BDT 180Million



HFO Storage



River Protection



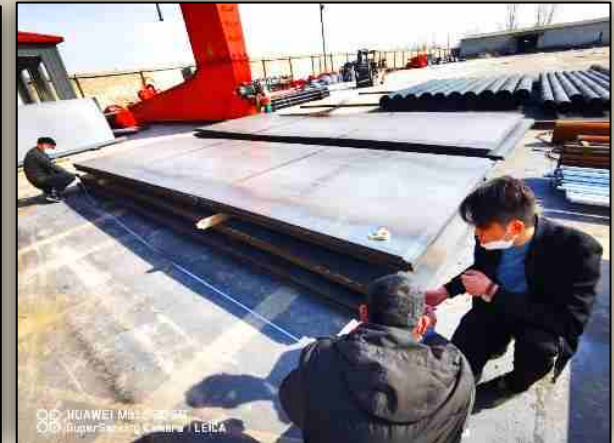
Delivery Inspection

HUAWEI Mate 30 5G
 SuperSensing Camera | LEICA

T5493 - EnergyPac Venture 113MW Storage Tank Terminal Facility (EPVL), Pabna



QC Inspection



Site Storage



Inspection Before Delivery

T5494 - HDFC Sinpower Limited, Mymensingh

Project Name	50MWp (AC)/74.67MWp (DC) Solar Power Plant
Plant type	Renewable
OEM	LONGi
Capacity	50MWac
Plant Location	Mymensingh, Bangladesh
Scope of Works	-12417 No's PHC Pile Driving -150549 No's Solar Panel Installation -1780T MMS Structure Installation -12 No's Inverter Installation -487.26Km PV Cable Laying & Termination -21.5Km DC Cable Laying & Termination -5.7Km AC Cable Laying & Termination -20.17Km Pipe Line Installation -19.8Km Grounding Bar Supply & Installation -88252 Set PV Grounding Cable Supply & Installation -PV Field, Inverter Area, Booster Station Area Total Lighting System Supply & Installation -60MVA / 132KV Main Transformer Installation -33/132KV Substation Installation & Debugging -HV /MV/LV Switchgear Installation & Debugging -Unloading of 484 No's Containers & Pile Carrying Trailers -27808 CUM Earth Excavation & Backfilling -1474CUM Concrete Work -83.66 Ton Reinforcement Work -56Ton Pre-Fabricated Steel Structure Supply & Installation -4Km Cable Trench Construction -150m Boundary Wall Construction -290SQM Power Distribution Building Construction -17 SQM Security Gate House Construction -420 SQM Admin Building Construction -Substation Area Fire Fighting System Equipment Supply & Installation
Number of Cell	169000
Completion Time	09 Months
Total Contract Value	BDT 320 Million



Pile Drive



Site Assembly and Team Management

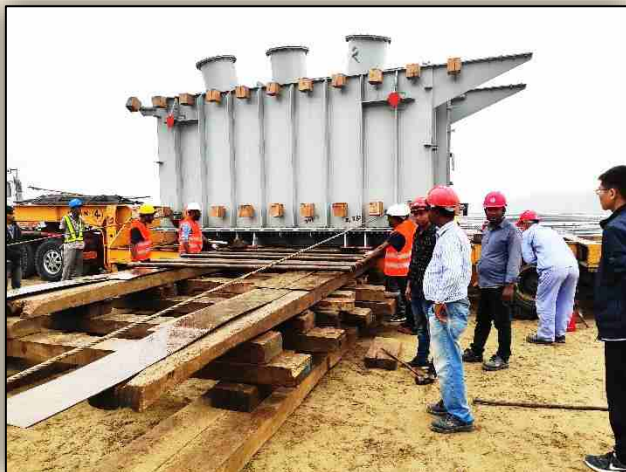
T5494 - HDFC Sinpower Limited, Mymensingh



Mymensingh 50MW Solar Plant



Brick Work and RCC Construction



Transformer Installation



Main Transformer Foundation



Inverter Installation



Substation, Admin and Control building



Grid Connection Ceremony



Inverter Testing



MMS and PV Panel



Substation Installation



Substation Testing and Commissioning



MMS Installation

T5495 - Baraka Shikalbaha Power Ltd

4. BARAKA SHIKALBAHA POWER LIMITED

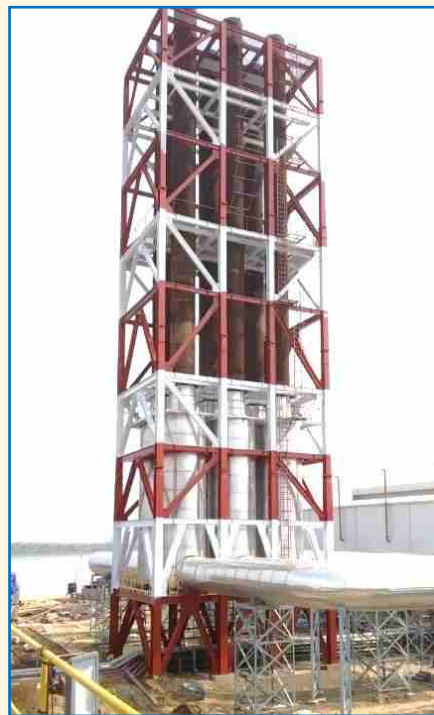
PROJECT NAME	BARAKA SHIKALBAHA POWER LIMITED
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	WARTSILA
PLANT CAPACITY	105MW
PLANT LOCATION	CHITTAGONG, BANGLADESH
SCOPE OF WORKS	1. Design-Supply-Erection-Installation Pump Skids 2. Design-Supply-Fabrication-Construction Of Stack Towers 3. Design-Supply-Fabrication-Construction-Installation Of Radiator Structures 4. Supply-Fabrication-Construction-Installation Of Pipe Line 5. Design- Supply-Fabrication-Construction Of Plant Overall Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure 6. Design-Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts 7.Design-Supply-Fabrication-Construction-Installation Of Alternator Hot Air Ducts 8. Installation OfOem Supplied All Auxiliary Machineries
TOTAL NUMBER OF ENGINE	06
COMPLETION TIME OF SCOPE	09 MONTHS
TOTAL CONTRACT VALUE	BDT 175MILLION (FOREIGN + LOCAL CONSTRUCTION)



Radiator Structure



Stack Tower Construction



Alternator duct Construction



T5495 - Baraka Shikalbaha Power Ltd



Engine Hall Maintenance Platform Construction



Exhaust duct Construction



Exhaust duct transportation



Exhaust duct Construction



Exhaust duct support



Radiation structure Construction



EGM Installation



Module Installation

T5495 - Baraka Shikalbaha Power Ltd



Charge air filter platform Installation



Pipe line Construction



Pipe line construction



Cooling pipe Installation



Pump-Valve Installation



Module Installation at Engine hall



Module Platform Installation

T5497 - AISL Juldha Power-3rd Unit



Support Structure

6. ACORN INFRASTRUCTURE SERVICES LIMITED	
PROJECT NAME	ACORN INFRASTRUCTURE SERVICES LIMITED
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	CATERPILLAR
PLANT CAPACITY	102MW
PLANT LOCATION	CHITTAGONG, BANGLADESH
SCOPE OF WORKS	1. Design-Supply-Fabrication-Construction Of Stack Towers 2.Design-Supply-Fabrication-Construction Of Duct Support Structure 3.Design-Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts
TOTAL NUMBER OF ENGINE	08
COMPLETION TIME OF SCOPE	06 MONTHS
TOTAL CONTRACT VALUE	BDT 75MILLION (FOREIGN + LOCAL CONSTRUCTION)



Radiator



AISL Plant



Exhaust Duct



Others support structure

T5498 - Orion Power Rupsha Ltd

5. ORION POWER RUPSHA LIMITED

PROJECT NAME	ORION POWER RUPSHA LIMITED
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	WARTSILA
PLANT CAPACITY	112MW
PLANT LOCATION	KHULNA, BANGLADESH
SCOPE OF WORKS	1. Design-Supply-Fabrication-Construction Of Stack Towers 2. Design-Supply-Fabrication-Construction-Installation Of Radiator Structures 3. Design- Supply-Fabrication-Construction Of Plant Overall Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure 4. Design-Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts 5.Design-Supply-Fabrication-Construction-Installation Of Alternator Hot Air Ducts
TOTAL NUMBER OF ENGINE	06
COMPLETION TIME OF SCOPE	07 MONTHS
TOTAL CONTRACT VALUE	BDT 100MILLION (FOREIGN + LOCAL CONSTRUCTION)



Radiator & Stack Tower



Radiator & Stack Tower



Alternator Hot air Duct



Engine Maintenance Platform

T5498 - Orion Power Rupsha Ltd



Stack Tower Construction



Alternator Duct Const.



Engine Exhaust Gas Duct Construction



Exhaust duct Insulation



Exhaust Duct Alignment



Exhaust duct Insulation



Duct Construction



Alternator Hot Air Duct



Radiator Structure Installation

T499-T502 - Confidence Power Holdings Ltd

3. CONFIDENCE POWER HOLDINGS LIMITED

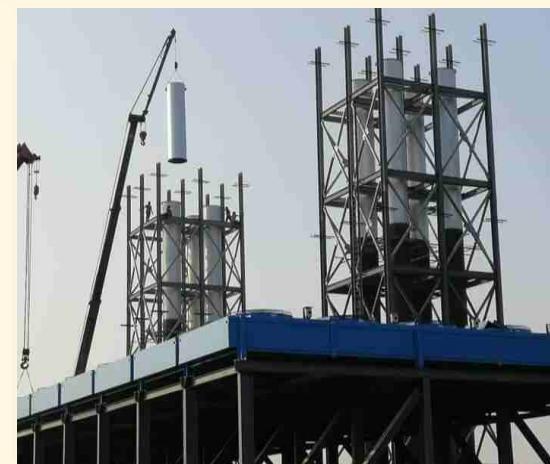
PROJECT NAME	CONFIDENCE POWER RANGPUR LIMITED (CPRL) / CONFIDENCE POWER BOGRA LIMITED (UNIT I + UNIT II) (CPBL) / ZODIAC POWER CHITTAGONG LIMITED (ZPCL)
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	ROLLS ROYCE / MAN
PLANT CAPACITY	114MW / 220MW / 55MW
PLANT LOCATION	RANGPUR / BOGRA / CHITTAGONG, BANGLADESH
SCOPE OF WORKS	1.Design-Supply-Erection-Installation Of Compressor – (CPRL SCOPE) 2. Design-Supply-Erection-Installation Pump Skids – (CPRL + CPBL + COSCL + ZPCL SCOPE) 3. Supply-Fabrication-Construction Of Tank Firms - (CPRL SCOPE + COSCL SCOPE) 4. Supply-Fabrication-Construction Of Stack Towers - (CPRL SCOPE) 5. Supply-Fabrication-Construction-Installation Of Radiator Structures - (CPRL SCOPE) 6. Supply-Fabrication-Construction-Installation Of Pipe Line - (CPRL SCOPE) 7. Supply-Fabrication-Construction Of Plant Overall Support Structures Including Charge Air Platform, Engine Maintenance Platform, Duct Support Structure - (CPRL SCOPE) 8. Supply-Fabrication-Construction-Installation Of Exhaust Gas Ducts - (CPRL SCOPE) 9.Installation Of OEM Supplied All Auxiliary Machinerics - (CPRL SCOPE)
TOTAL NUMBER OF ENGINE	16 + 12 + 3
COMPLETION TIME OF SCOPE	09 MONTHS
TOTAL CONTRACT VALUE	BDT 450 MILLION (FOREIGN + LOCAL CONSTRUCTION)



Radiator Installation



Stack- Radiator structure Installation



Stack Installation

T499-T502 - Confidence Power Holdings Ltd



Tank Construction



Tank construction



Pipe Const. & Tank Insulation



Exhaust duct & support Construction



Radiator Installation



Fittings Installation



Pipe Line Installation



Pipe line Installation

T499-T502 - Confidence Power Holdings Ltd



Charge air platform



Charge air duct Installation



CA Silencer Install



Charge air duct



Filter Installation



Chimney install



Pump Installation



Pump skid installation



Pump Installation

T5503 - ACE Alliance Power Ltd

TOP PROJECT CONTRACT

2. ACE ALLIANCE POWER LIMITED

PROJECT NAME	ACE ALLIANCE POWER LIMITED
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	WARTSILA
PLANT CAPACITY	150 MW
PLANT LOCATION	GAZIPUR, DHAKA, BANGLADESH
SCOPE OF WORKS	1. Design-Supply-Erection-Installation Of Pump Skids 2. Design-Supply-Fabrication-Construction Of Stack Towers 3. Design-Supply-Fabrication-Construction-Installation Of Radiator Structures 4. Supply-Fabrication-Construction-Installation Of Pipe Line 5. Design- Supply-Fabrication-Construction Of Engine Hall Steel Building 6. Design- Supply-Fabrication-Installation-Commissioning Of Ventilation System 7. Design- Supply-Fabrication-Installation-Commissioning Of Over-Head Cranes. 08. Supplying Of Overall Project Lighting 09. Supplying Of Tank Instruments 10. Design- Supply-Fabrication-Installation-Commissioning Of Air Compressor Units
TOTAL NUMBER OF ENGINE	09
COMPLETION TIME OF SCOPE	09 MONTHS
TOTAL CONTRACT VALUE	BDT 300 MILLION (FOREIGN + LOCAL CONSTRUCTION)



Plant Under Construction



Stack Tower Construction



Radiator Structure Installation

T5503 - ACE Alliance Power Ltd



Prefabricated steel Structure



Engine Hall Construction



Plant Visit



Ventilation System Installation



Alternator Hot air Duct



Engine Hall Construction



Over Head Crane Installation



Compressor Installation Team



Fuel Treatment Plant Installation

T5504 - Summit Gazipur II Power Ltd

1. SUMMIT GAZIPUR II POWER LIMITED	
PROJECT NAME	SUMMIT GAZIPUR II POWER LIMITED
PLANT TYPE	HFO FIRED ENGINE DRIVEN
OEM	WARTSILA
PLANT CAPACITY	300 MW
PLANT LOCATION	GAZIPUR, DHAKA, BANGLADESH
SCOPE OF WORKS	1. Design-Supply-Erection-Installation Of Pump Skids
	2. Design-Supply-Fabrication-Construction Of Stack Towers
	3. Design-Supply-Fabrication-Construction-Installation Of Radiator Structures
	4. Supply-Fabrication-Construction-Installation Of Pipe Line
	5. Design- Supply-Fabrication-Construction Of Engine Hall Steel Building
	6. Design- Supply-Fabrication-Installation-Commissioning Of Ventilation System
	7. Design- Supply-Fabrication-Installation-Commissioning Of Water Treatment Plant
	8. Design- Supply-Fabrication-Installation-Commissioning Of Over-Head Cranes.
	9. Design-Supply-Fabrication-Construction Of Tank Firms
	10. Supplying Of Overall Project Lighting
	11. Supplying Of Forklift
	12. Supplying Of Tank Instruments
	13. Design- Supply-Fabrication-Installation-Commissioning Of Air Compressor Units
TOTAL NUMBER OF ENGINE	18
COMPLETION TIME OF SCOPE	09 MONTHS
TOTAL CONTRACT VALUE	BDT 500 MILLION (FOREIGN + LOCAL CONSTRUCTION)



Plant Under Construction



Plant After COD



Radiator Structure Construction



Radiator



Radiator & Stack Tower



Tank Under Construction



Storage Tank



Insulated Tank

T5504 - Summit Gazipur II Power Ltd



Stack Tower Construction and Installation



Water Treatment Plant

T5504 - Summit Gazipur II Power Ltd



Pump & Pump Skid



Instrument Air Compressor (IR)



Start Air Compressor (IR)



Engine Hall Construction



Ventilation System Installation



Over Head Crane Installation

T5509 - Engreen Sarishabari Solar Power Plant Ltd(CPCL)

ENGREEN SARISHABARI SOLAR POWER PLANT LIMITED

PROJECT NAME	Engreen Sarishabari Solar Power Plant Limited
PLANT TYPE	SOLAR POWER, SOLAR WORLD
PLANT CAPACITY	3 MW
PLANT LOCATION	JAMALPUR , BANGLADESH
SCOPE OF WORKS	Design-Engineering-Procurement-Supply-Installation of 1. Mounting Structure 2.Cable
TOTAL NUMBER PANEL	14000
COMPLETION TIME OF SCOPE	09 MONTHS
TOTAL CONTRACT VALUE	BDT 30 MILLION (FOREIGN + LOCAL CONSTRUCTION)



Solar Panel Structure



Solar Panel Board



Solar Panel

T5511 - RPCL 25 MW- Raozan, Chattogram



Turnkey Contract of CPCL-RPCL 25MW HFO Power Plant at Raozan, Chattogram

who we are and what we do

T5512
RPCL 52 MW
Kodda, Gazipur

CONSTRUCTION



Turnkey Contract for Mechanical Balance of Plant of CPCL-RPCL 52MW HFO Power Plant at Kodda, Gazipur

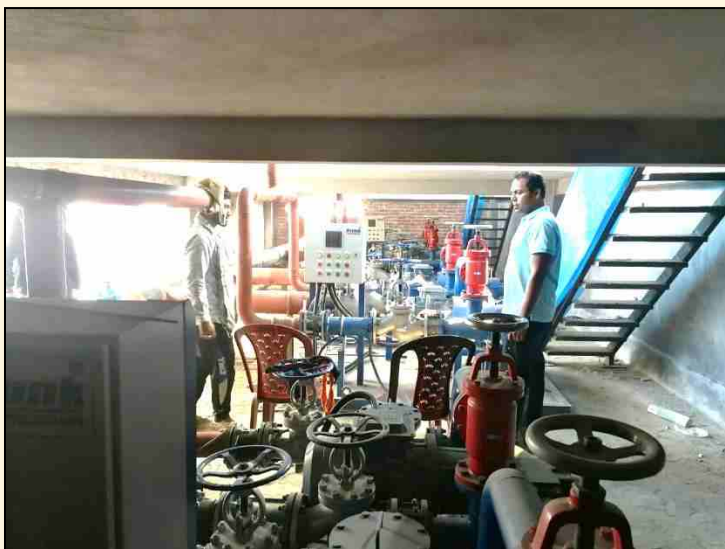
CONFIDENCE OIL & SHIPPING CO., LTD

CONFIDENCE OIL & SHIPPING CO., LTD, PABNA

Construction of 2x4000KL Storage Tank

Construction of 1x500KL Diesel Tank

Design - Supply - Installation - Commissioning of Pump Skids



PUMP HOUSE



STORAGE TANK



TANK UNDER CONSTRUCTION



PUMP HOUSE



WATER TREATMENT PLANT



WTP - 75M³ /Hr Capacity (TK GROUP, Chittagong)



WTP - 24M³ /Hr Capacity (Summit Group, Gazipur)

Hydrogen Plant (EGCB)

Hydrogen Plant-(EGCB) 2023

1	Supplying-Installation of Container
2	Overall layout design
3	Installation-Testing-Commissioning of Compressor, Purifier & Dryer, Hydrogen Generator, Control Panel, Chiller
4	Supplying-Installation-Testing of Buffer Tank- 20 bar
5	Designing-Supplying-Installation-Commissioning of Main Distribution Panel
6	Supplying-Installation-Testing of Container Outside Pipe Line
7	Supplying-Installation-Testing of Container Inside Pipe Line
8	Supplying-Laying-dressing-Termination-Testing of Power Cables, Signal & opt. fiber Cables
9	Designing-Supplying-fabrication-Installation of 110 KW main Distribution Box
10	Designing-Supplying-fabrication-Installation of Steel Support Structure Materials
11	Supplying-Installation-Testing-Commissioning of HVAC system required for the Container Based Hydrogen Generator Plant



H2 Plant



Buffer tank



Dryer



Civil foundation



Shed construction



Front view



Chiller



200 bar Manifold



H2 plant Inside equipment

EQUIPMENT AND TOOLS

S/N	ITEM DESCRIPTION	UNIT	QTY	S/N	ITEM DESCRIPTION	UNIT	QTY
1	SITE OFFICE CONTAINER	SET	10	43	PENCIL GRINDING STONE	SET	37
2	10TON CHAIN BLOCK	SET	70	44	EARTHING JOINT CLAMP	SET	165
3	1.5TON CHAIN BLOCK	SET	20	45	12V~24V BATTERY UNIT	SET	10
4	3TON CHAIN BLOCK	SET	10	46	FIELD MEASURING TAPE	SET	56
5	1.5 TON LEVER BLOCK	SET	5	47	AUTOMATIC TIGHTENING MACHINE	SET	22
6	6 TON LEVER BLOCK	SET	5	48	MAGNETIC DIGITAL ALIGNMENT TOOLS	SET	21
7	LPG CYLINDER-13.5KG	SET	40	49	HEAVY LIFTING SAFETY BELT	SET	95
8	LPG CYLINDER-35KG	SET	5	50	CUTTING & GRINDING DISC	SET	1888
9	OXYGEN CYLINDER	SET	25	51	ARGON METER	SET	13
10	ARGON CYLINDER	SET	15	52	ALIGNMENT RIGHT ANGLE	SET	41
11	WELDING MACHINE	SET	120	53	HAMMER	SET	30
12	RATCHET ATTACHED TORQUE	SET	31	54	HYDRAULIC JACK-10T	SET	10
13	MALE & FEMALE CONNECTOR	SET	200	55	FIELD LIGHTING SET-200W	SET	100
14	MCB	SET	60	56	BENCH GRINDER MACHINE	SET	2
15	GRINDING MACHINE	SET	150	57	CUTTING TORCH & ARGON TORCH	SET	50
16	MAGNETIC DRILL MACHINE	SET	25	58	LIFTING PULLEY	SET	12
17	STAND DRILL MACHINE	SET	2	59	FIELD SERVICE CABLE	METER	30000
18	AUTOMATIC HEAVY DRILL MACHINE	SET	1	60	WELDING CABLE	METER	20000
19	L-KEY	SET	85	61	PAINTING COMPRESSOR UNIT	SET	3
20	HYDRAULIC PIPE BENDING MCHINE	SET	7	62	COMPRESSOR UNIT	SET	2
21	DISTRIBUTION BOARD WITH CHANGE OVER	SET	4	63	BACK UP DIESEL GENERATOR	SET	15
22	AUTO CUTTING MACHINE	SET	5	64	WEIGHING SCALE UNIT	SET	2
23	HIGH SPEED CUTTER MACHINE	SET	10	65	FIRE EXTINGUISHING BOTTLE	SET	25
24	CIRCULAR BRUSH	SET	89	66	FIRST AID MEDICAL BOX	SET	10
25	FLEXIBLE HOSE PIPE	FEET	200	67	CABLE PULLING WINCH MACHINE	SET	2
26	6MM ~ 42MM METAL BIT	SET	177	68	PRIMARY INJECTION TEST SET-CPC100	SET	1
27	ARGON HOSE PIPE	SET	19	69	COMPACTION MACHINE	SET	5
28	TOOL BOX	SET	50	70	WATER PUMP SET	SET	10
29	HEAVY LIFTING PIPE SUPPORT	SET	62	71	WORKER SHED UNIT	SET	12
30	WATER TANK	SET	5	72	TARPAULIN	SET	15
31	PLATE BENDING MACHINE	SET	2	73	ELECTRIC SAW MACHINE	SET	3
32	FLUSHING MOTOR UNIT	SET	5	74	PIPE THREAD CUTTER MACHINE	SET	6
33	SCAFFOLDING SET	SET	500	75	CABLE PULLING STAND UNIT	SET	18
34	WIRE CHAIN FOR HEAVY LIFTING	SET	80	76	CABLE TERMINATION FERRULE PRINTING MC	SET	5
35	TOOLS TRUNK	SET	6	77	CLAPTON METER	SET	25
36	SPANNER SET (6MM ~ 42MM)	SET	580	78	MULTIMETER	SET	10
37	HAMMER WRENCH	SET	26	79	PHASE SEQUENCE TESTER	SET	5
38	SOCKET SPANNER (12MM~32MM)	SET	693	80	HYDRAULIC PUNCH MACHINE	SET	12
39	RATCHET	SET	100	81	HEAT GUN MACHINE	SET	8
40	ADJUSTABLE WRENCH	SET	24	82	WIRE STRIPPER	SET	16
41	TUBE CUTTER	SET	6	83	HAND PUNCH	SET	20
42	CERAMIC CAP	SET	152	84	HYDRAULIC TROLLEY UNIT	SET	5

HEAVY LOGISTIC EQUIPMENT

SERIAL	NAME OF THE EQUIPMENT	CAPACITY	BRAND	SPECIFICATION
01	LIFTING CRANE	120T	KATO	70 METER
02	LIFTING CRANE	100T	XCMG	69 METER
03	LIFTING CRANE	80T	KATO	44 METER
04	LIFTING CRANE	50T	KATO	40 METER
05	MAN LIFTER	3 PERSON	AICHI	23 METER
06	FORKLIFT	7T	KOMATSU	FD70
07	FORKLIFT	5T	SUMITOMO	FD50
08	BACKHOE LOADER	120T	CASE	770EX
09	MECHANICAL CRAWLER CRANE	120T	TADANO	24 METER
10	LIFTING CRANE	10T	KATO	27 METER
11	LOW BED TRAILER	30T	EICHER	40 FEET
12	DOZER	12 FEET	KOMATSU	D6
13	EXCAVATOR	0.7	CATERPILLAR	E200B
14	LIFTING CRANE	25T	KOBELCO	38 METER
15	HYDRA CRANE	15T	ESCORT	BOOM = 12 METER
16	DOUBLE CABIN DUMP TRUCK	2T	ISUZU	
17	TELESCOPIC FORKLIFT	4.5T	MANITOU	H=8METER
18	FORKLIFT	15T	TOYOTA	H=5.5 METER
19	VIBRATION ROLLER	11T	DYNAPAC	CA255D
20	TANDEM ROLLER	10T	DYNAPAC	CC425
21	HYDRA CRANE	15T	INDO POWER	BOOM = 15 METER
22	LIFTING CRANE	8T	TADANO	21.5 METER
23	BATCHING PLANT	25 M3/HR	SANY	18 HR
25	MIXTURE MACHING (CONCRETE)	10 M3/HR	BIONIC	18 HR
26	HYDRAULIC PILE DRIVE MACHINE	UPTO 250 TON	SUNWARD	100 PCS/DAY
27	LHV PILE DRIVE MACHINE	UPTO 80 TON	CATERPILLAR	80 PCS/DAY
28	PRE-CAST PILE RIG	50 TON	LOCAL	30PCS/DAY

TESTING AND MEASURING EQUIPMENT

S/N	ITEM DESCRIPTION	UNIT	QTY	S/N	ITEM DESCRIPTION	UNIT	QTY
01	MEGGER TEST MACHINE	SET	2	07	IR TESTER	SET	5
02	HYDRO TEST PUMP	SET	5	08	EARTH TESTER	SET	2
03	SURVEYING TOTAL STATION UNIT	SET	2	09	HI POT TESTER	SET	1
04	CTM MACHINE	SET	1	10	OVEN	SET	2
05	CIEVE ANALYZER	SET	2	11	MDD TEST SET	SET	2
06	FDD TEST SET	SET	2	12	CYLINDER MOLD	SET	18

Heavy Equipment



Crane 100T



Crane 120T



LHV pile Drive



Batching Plant



Hydraulic Pile Drive



Crane 50T



Crane 8T



Crane 25 T



Precast pile drive



Crane 15T



Crane 45T



Pay Loader

Heavy Equipment



Crawler Crane 50T



Crawler Crane 80T



Excavator 0.7



Fork lift 3



Dozer



Fork lift 16T



Excavator 0.3



Sprinkler truck



Backhoe Loader



Telescopic fork lift 4.5T



Import & Export



SOURCING FROM OVERSEAS & INTERNATIONAL SUPPLY NETWORKS

Foreign Material list			
SN	Item	SN	Item
1	Solar PV Module	14	Air Compressor
2	Module Mounting system	15	Tube-Steel Materials
3	String Inverter	16	Pump & Skid
4	Combiner Box	17	Control Instrument
5	Central Inverter	18	Motor
6	Switchgear	19	Crane
7	PHC pile	20	Ventilation System
8	Isolator -Insulator	21	Electrical Cable- Ladder
9	Transformer	22	Pre-Fab Structure
10	Substation Equipment	23	Valves & Fittings
11	Transmission & Gantry Str.	24	Water Treat.Plant
12	Fire Fighting System	25	Boiler
13	Module Cleaning System	26	Cooling Tower



PV Module



Combiner Box



PHC pile



MMS



String Inverter



Switchgear



CT,PT



Transformer

SOURCING FROM OVERSEAS & INTERNATIONAL SUPPLY NETWORKS



Isolator-Insulator



Hot roll Steel



Insulation



Over Head Crane



Ventilation Fan

SOURCING FROM OVERSEAS & INTERNATIONAL SUPPLY NETWORKS



Pump Skid



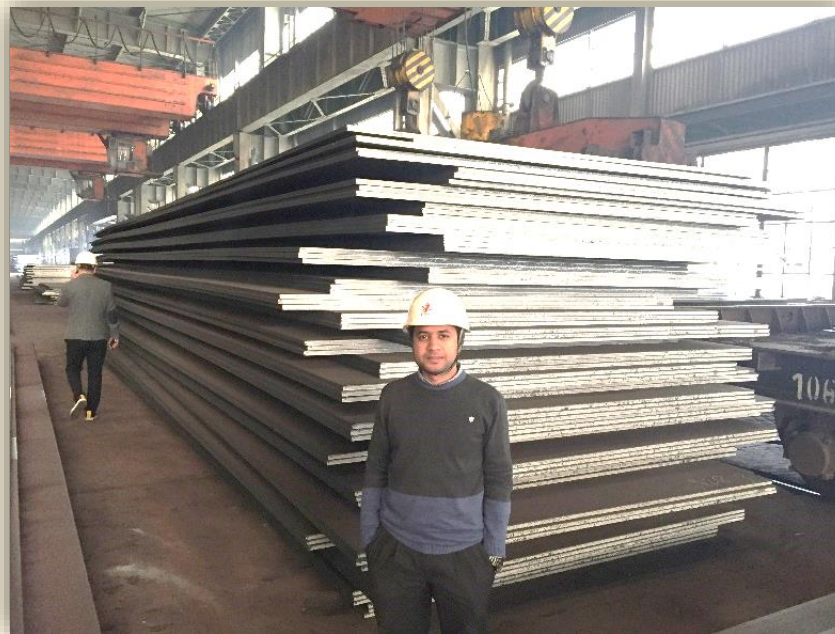
Fabricated steel structure



Valve



Piping Material



Steel sheet



Water Treatment system

SOURCING FROM OVERSEAS & INTERNATIONAL SUPPLY NETWORKS



Electric Cable



Compressor (IR)



Transportation



Pipe insulation



Fork Lift



Shipment



Shipment



Gratings



Tube



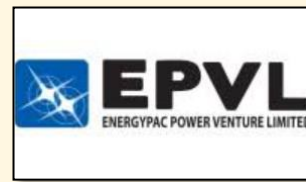
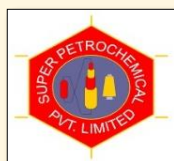
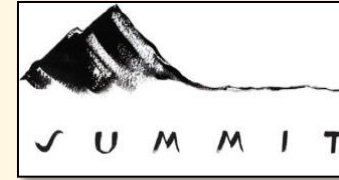
WTP



CLIENTS & INTERNATIONAL COOPERATORS



TURBOMECH VALUED LIST OF THE CLIENTS



INTERNATIONAL PARTNERS







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