THE ROYAL UTILISATION SERVICES (PVT.) LTD.

SIGMA CONSTRUCTION COMPANY

















OUR VISION

To have a viable business suitable for sustainable development by assuring the topmost quality and safety. Having a commitment to long term business relatio ships with our Clients while providing guidance and innovation in worldwide business by delivering a wide range of services built on quality, safety, honesty and immense strength and belief in what we do.

ISO 9001: 2015, 45001: 2018

+88 02222281246 | +88 02222288624
info@sigma-royal.com
www.sigma-royal.com



Contract Signing Ceremony for Construction of Pipeline in Saidpur and Nilphamari area between PGCL & RUSL.



Clossing Celebration Ceremony of HDD (30" OD) Moheshkhali-Anowara Project



Padma River Crossing of 30 inch Pipeline by HDD Method



Custody Transfer Metering Station Project Clossing Celebration Ceremony, Moheshkhali.

PREFACE

The Royal Utilisation Services (Pvt.) Limited, Sigma Construction Company are the pioneer in the energy sector with more than 46 years of experiences since 1977 in Bangladesh. We are one of the leading infrastructure developer in Oil, Gas and Power Sector in Bangladesh pursuing business in Pipeline Construction including Mechanical, Electrical & Civil works. Recently we stepped in the business relating to LPG covering reticulated system, Auto LPG Dispensing Station (ALDS), Conventional Buoy Mooring (CBM), Pipe Line End Manifold (PLEM), spherical tank, bullet tank etc.

COMPANY ETHOS

Company Vision

- To have a viable business suitable for sustainable development by assuring the topmost quality and safety.
- Having a commitment to long term business relationships with our clients while providing guidance and innovation in worldwide business by delivering a wide range of services built on quality, safety, honesty and immense strength and belief in what we do.

Company Mission

- To be among the leading contractors for delivering a personalize standard of services that pertains to a level of excellence.
- To provide the most efficient, trust worthy, high-quality service while ensuring international standards of safety and quality.

Core Objectives

- Business portfolio growth
- Customer focus
- Performance leadership
- Human resource development
- Financial soundness
- Research and development

Company Ethics

- Our motto is integrity.
- Our strength is transparency.
- Our style is accountability.
- Our goal is excellence with good governance.

OUR STRENGTH

Management with qualification and experience

Technical Staff with training, qualification and experience

Equipment & Machineries for related job

ISO 9001:2015
Quality Management
&
ISO 14001:2015
Environmental Management Certificate

OHSAS 18001:2007
Occupational Health & Safety Management System

Standard project management procedure by Project Management Professionals (PMP®)

COMPANY OVERVIEW

The Royal Utilisation Services (Pvt.) Ltd. (RUSL) is providing engineering services to develop Infrastructures in the field of **Oil, Gas, Fertilizer, Process, Refineries and Power sector having more than 47 years of experience & have been working diligently and efficiently maintaining utmost excellence since** 1977. Sigma Construction Company (SCC) was acquisitioned in 2005.

It is operating in Bangladesh having a fleet of skilled professionals of 195 peoples which includes Engineers and Technical heads & hands.

Expertise in **LNG, LPG, NG, Crude Oil, Water distribution** related works. **1.4 Category** Enlisted Contractor for Petrobangla & its subsidiaries. Construction, Installation & Commissioning Expertise in Cross-country Pipeline.

RUSL worked as a local partner/JV member of internationally reputed companies like **Emersion, CPPB, Punj Lloyd & IKL** and has wide range of satisfied client list both in public and private sector.

Within this period RUSL completed few milestone projects like RMS (Capacity: 162 MMSCFD) for Reliance Meghna Ghat 718 MW Power Station, Padma River Crossing by HDD, Rashidpur Fractionation Plant, Petromax Refinery Ltd., LPG pipeline, Largest CTMS at Moheshkhali etc. Which has direct contribution to national economy.

Pursuing business in LPG converging reticulated system, auto LPG dispensing station (ALDS). Erection Expertise in Conventional buoy mooring (CBM), pipeline end manifold (PLEM), spherical tank, bullet tank etc.

RUSL recently completed construction works of 30” x 6.5 kM x 1000 psig pipeline across Padma Multipurpose Bridge from Maowa to Jajira points with China Petroleum Pipeline Engineering Co., Ltd

COMPANY AT A GLANCE

Name of the Company	:	The Royal Utilisation Services (Pvt.) Ltd.
Date of Incorporation and Commencement of Business	:	1977
Total Experiences	:	47 Years
Business Office	:	House#383, Road#28, New DOHS, Mohakhali, Dhaka-1206.
Status of the Company	:	Private Limited Company.
Business Line	:	Infrastructure Development. [Engineering and Construction Services in Oil & Gas Sector, Power Sector, Process Plant etc.]
Major Projects Completed Successfully	:	More than 50 projects during last five years.
On-going Projects	:	7 Projects
Director & CEO	:	Zulfiquer Haider
Total Employee (Permanent)	:	195
Bankers	:	Pubali Bank Limited
E-mail Address	:	zhaider@sigma-royal.com zhaider.rusl@gmail.com
Website	:	www.sigma-royal.com

RUSL

SCC

PROSPECTIVE BUSINESS SEGMENTS

Oil & Gas Sector

- Cross country pipeline construction in NG, LPG & LNG sector.
- River crossing by HDD method.
- Installation & commissioning of LPG storage tank, pump and pipeline etc.
- LPG solution for industry, household and auto LPG station.
- Associate civil works, Metering Works

Power Sector

- Fabrication, Erection, Installation & Commissioning of all Piping System, Trank, Structur etc.
- Insulation works of pipe & tank.
- Installation & Commissioning of mechanical & Electrical equipment
- Instrumention & Control System (SCADA & PLC)

Process Plant

- Refineries.
- Petrochemicals.

Engineering & Services

- Complete set of auto LPG dispensing station equipment (Storage tank, pump, dispenser etc).
- LPG solution for industry household and auto LPG station.
- 3 wheeler and 4 wheeler LPG kit.
- LPG domestic meter.
- Tank, carousel and other equipment in LPG mother plant & satellite plant.
- Bullet tank, fabrication & commissioning of spherical tank, LPG transportation line.

MANPOWER & MANAGEMENT

Human Resource Management (HRM)

Human Resource Management (HRM) is the organizational function which develops and manages the human element of the enterprise considering their resourcefulness in terms of knowledge, skills, abilities, talents, aptitudes and potentialities for effectively contributing to the achievement of organizational objectives. It is also a strategic and comprehensive approach to managing people and the workplace culture and environment. Done well, it enables employees to contribute effectively and productively to the overall company direction and the accomplishment of the organization's goals and objectives.

HRM is a process by which an organization ensures that it has the right number and kinds of people at the right place at the right time to do the job effectively and efficiently. The department members provide the knowledge, necessary tools, training, administrative services, coaching, legal and management advice, and talent management oversight that the rest of the organization needs for successful operation. Managers of every level need to understand HR if they are to play an active role in achieving the objectives of their organization. A good knowledge of the key concepts of prudent HR management should equip all managers with the knowledge they require.

The HR Department handles the fundamental issues of HR, job analysis, job description, recruitment and selection process, performance appraisal, compensation management, motivation, work life balance, diversity issues, conflict management etc.

HR Vision

To promote excellence among employees by delivering innovative HR programs and strategies to accomplish the Company's goals.

HR Objectives

- Recruit and retain talented people.
- Develop and reinforce a competitive compensation package to attract and retain human capital.
- Enrich skill with professional and career development opportunities through training.
- Encourage innovation, creativity and flexibility necessary to enhance competitiveness.
- To implement performance based management system.
- Manage and utilize people effectively & efficiently.
- Develop competencies to enhance individual performance.

CORE MANAGEMENT



Zulfiquer Haider
Director & CEO

Zulfiquer Haider possesses an excellent academic feat in Business Administration and an outstanding experience of solid works in Engineering & Technology. This has made him an expert official with a unique blend of general and technical abilities.



Abu Md. Mustafa Kamal
Director (Administration)

Mr. Abu Md. Mustafa Kamal is a former Secretary to the Government of Bangladesh and retired from Anti-Corruption Commission.

He studied Law in undergraduate and Business in post-graduate levels. He possesses an excellent leadership quality with experience of more than 34 years in legal, development coordination, land management, human resources management, and anti-corruption matters among others. He also teaches in different Non-Government Universities also.



Engr. Ferdouse Alam Khan
Executive Director

Engr. Ferdouse Alam Khan was a former GM, PGCL under Petrobangla. He studied MS in Mining Civil Engineering from USSR, 1980.

He has over 35 years rich and vast experience in the field of Oil, Gas and Power Industry, Infrastructure Development.



Engr. Probir Kumar Barua
Director, Technical

Engr. Probir Kumar Barua, B. Sc. in Electrical & Electronics (EEE) Engineer, passed from Bangladesh University of Engineering & Technology (BUET). He is a specialized in Electrical, Electronics and Naval Weapon Engineering. He was Captain of Bangladesh Navy, specialized in procurement sector and also engaged Naval Procurement during his service as Director at Naval Headquarters.

Over 40 years experience in the field of Electrical & Electronics and Procurement.



Engr. Nizamul Hasan Sheriff
Sr. Consultant

Engr. Nizamul Hasan Sheriff is an Electrical & Electronics Engineer having working experience in Electrical Transmission & Distribution system in Gas Sector for about 34 years. Lastly he retired from Bakhrabad Gas Distribution Co. Ltd. (BGDCL) as Managing Director and Director (Operation), GTCL and

He studied B. Sc in Electrical & Electronics (EEE) from Chittagong University of Engineering & Technology (CUET).



Engr. A. B. M Sharif
Sr. General Manager (P&D)

Engr. A. B. M Sharif B. Sc. in Mechanical Engineering (CUET) and Master in Business Administration (MBA) major in Finance. He Experienced 33 years in Gas transmission and distribution systems. Recently he retired from Jalalabad Gas, Petrobangla as General Manager. Also he was engaged Bangladesh Economic Zones Authority (BEZA) as Project Management and Monitoring Consultant. He is Life Fellow of Institute of Engineers Bangladesh (IEB).

CORE MANAGEMENT



Engr. Sumit Kumar Saha
Consultant

Having Mechanical Engineering degree and MBA with professional credential in CKPI and PMP. Performing as consultant and trainer in the field of Project Management, Performance Management and Energy Management.

Over 20 years of experience in Energy Sector.Business Planning, Management, Product Development, and Engineering required for managing business.



Gazi Muhammad Mahtab Hussain
Deputy General Manager
(Planning & Business Development)

Gazi Muhammad Mahtab has completed B. Sc. in Mechanical Engineering degree from Khulna University of Engineering & Technology (KUET).

He has more than 19 years of professional and versatile experience in both of **Project** and **Operations Management** in **Power and Oil & Gas Sector**.



Md. Akkas Ali Biswas
Deputy General Manager
(Logistics)

Md. Akkas Ali Biswas Possesses an academic background in Bachelor of Science studied in Dacca College Dhaka.

Over 44 years supervisory and Managerial experience in Gas Pipeline Infrastructure Development work in Bangladesh.



Md. Mazharul Islam (Zoha)
Asst. General Manager
(Instrumentation & Control System)

Mr. Mazharul Islam has completed B. Sc. in Applied Physics & Electronics from Rajshahi University.

He has 10 years of professional experience in Instrumentation & Control System.



Md. Asif Al- Istiaque Chowdhury
Manager(Project sales & op.)

Md. Asif al-Istiaque Chowdhury B.sc. in Mechanical Engineering KUET.

He has more than 7 years of professional field experience. He is expertise in Piping and Equipment Erection.



Md. Taslimuzzaman Fakir
Manager (HR & Admin)

Md. Taslimuzzaman Fakir has completed M. Sc. in Physics from Rajshahi University and MBA (Marketing) from International Islamic University Chittagong (Dhaka Campus).

He has more than 18 years of professional experience in HR and Administration.



Md. Younus
Manager (Accounts)

Md. Younus studied B. Com from Dhaka City College. He has more than 32 years professional experience in Accounts & Commercial area.



Saurav saha
Manager (Finance)

Saurav saha has completed M. B. A. major in Accounting from Stamford University. and also Chartered Accountancy (CA) from The Institute of Chartered Accountants of Bangladesh (ICAB) under "A.Matin & CO." Chartered Accountants Dhaka. He has more than 9 years experience in Accounts & Finance section.

MANAGEMENT & MANPOWER

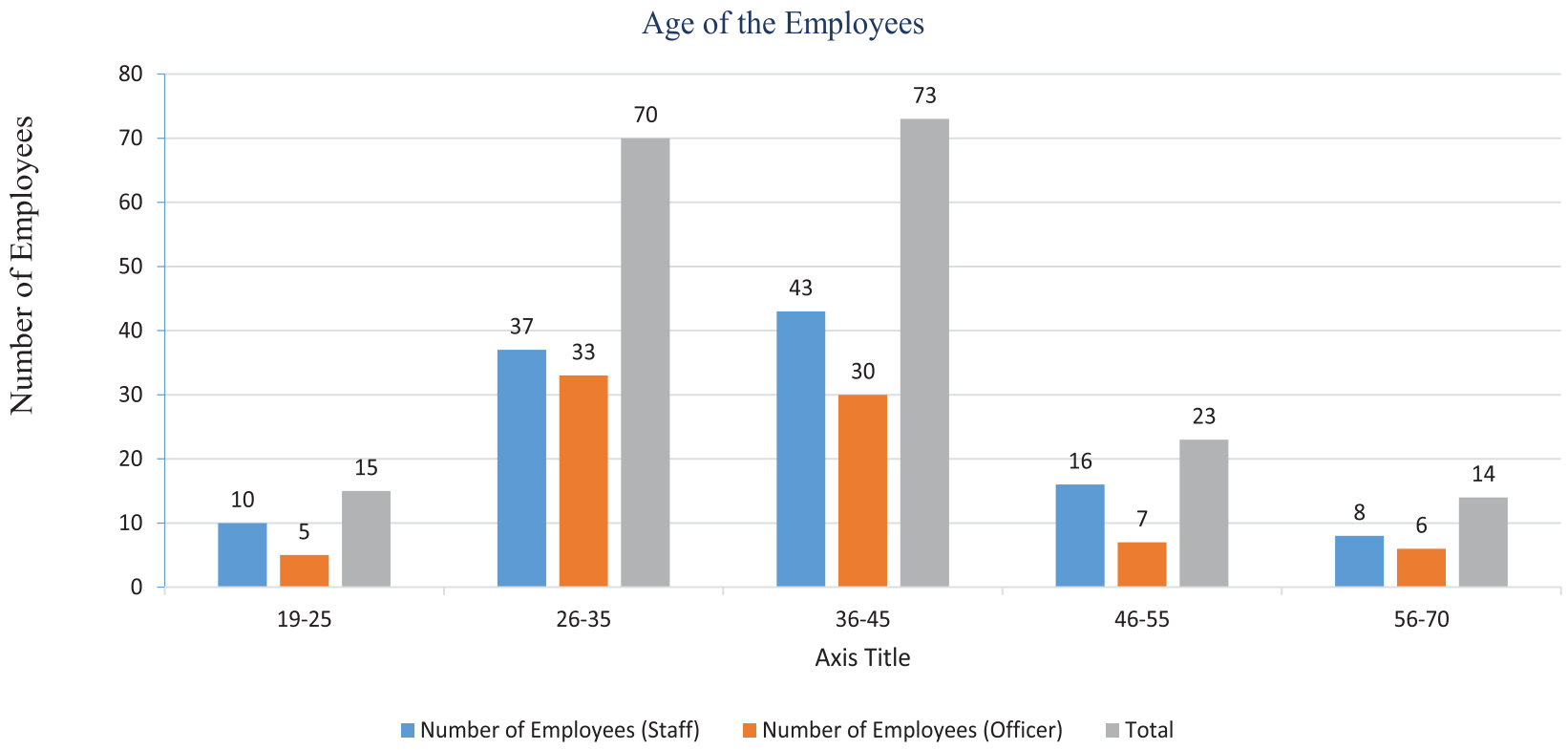
(Revenue set-up of the Corporate Office and Projects)

Manpower Statistics

S/N	Name of the Post	Set-up	Working	Vacant
01	Chief Executive Officer	1	1	0
02	Executive Director	1	1	0
03	Director (Administration)	1	1	0
04	Director (Technical)	1	1	0
05	Sr. Consultant	1	1	0
06	Sr. General Manager (P&D)	1	1	0
07	Consultant	1	1	0
08	General Manager (Tecnical)	1	1	0
09	Deputy General Manager, Planning & Estimation	1	1	0
10	Deputy General Manager (Logistics)	1	1	0
11	Sr. Manager, Instrumentation & Control System	1	1	0
12	Manager (HR & Admin)	1	1	0
13	Manager (Finance)	1	1	0
14	Manager (Accounts)	1	1	0
15	Project Manager (Project Execution)	7	7	0
16	Executive Engineer (Sales & Marketing)	2	2	0
17	Management Executive (HR & Admin/ IT/ Accounts & Finance)	20	18	2
18	Assistant Engineer/ Engineer (QA/ QC -Civil/Mechanical/Electrical)	10	10	0
19	Sr. Engineer/ Engineer/ Assistant Engineer (Civil)	8	8	0
20	Sr. Engineer/ Engineer/ Assistant Engineer (Mechanical)	12	10	2
21	Sr. Engineer/ Engineer/ Assistant Engineer (Electrical & Electronics)	8	7	1
22	Sr. Technical Officer	1	1	0
23	HSE Officer	6	5	1
	Total Officer =	88	82	6

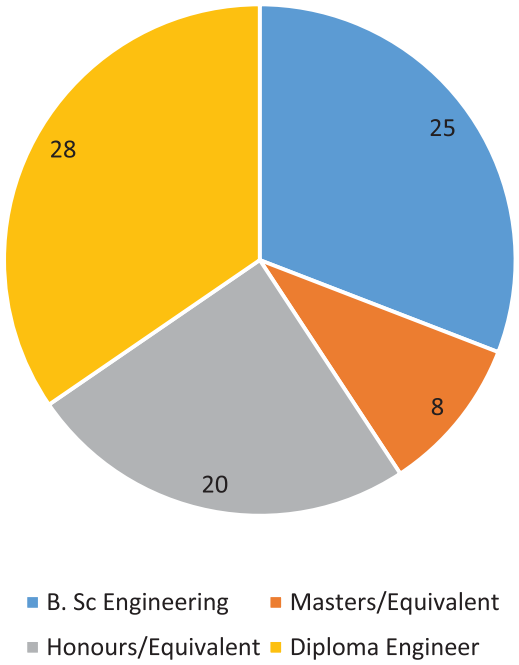
S/N	Name of the Post	Set-up	Working	Vacant
24	Mechanical Foreman	2	2	0
25	Site Supervisor	6	6	0
26	Mechanical Fitter, Grade-B	6	6	0
27	Store Keeper/ Assistant Store Keeper	5	5	0
28	Welder, Grade-B	5	5	0
29	Grinder	3	3	0
30	Technician/Mechanic	4	4	0
31	Electrician	3	3	0
32	Machinist	5	2	3
33	Office Assistant/ Computer Operator	3	2	1
34	Office Attendant	3	3	0
35	Crane Operator	4	4	0
36	Operator Crews & Technical Hands	5	5	0
37	Work Assistant/ Helper	10	10	0
38	Driver	8	8	0
39	Cook	11	11	0
40	Cook Helper	12	12	0
41	Security Guard	10	10	0
42	Plumber	3	3	0
43	Gardener	4	4	0
44	Cleaner	5	5	0
	Total Staff =	117	113	4
	Grand Total =	**205**	**195**	**10**

DEMOGRAPHIC STATISTICS OF EMPLOYEE

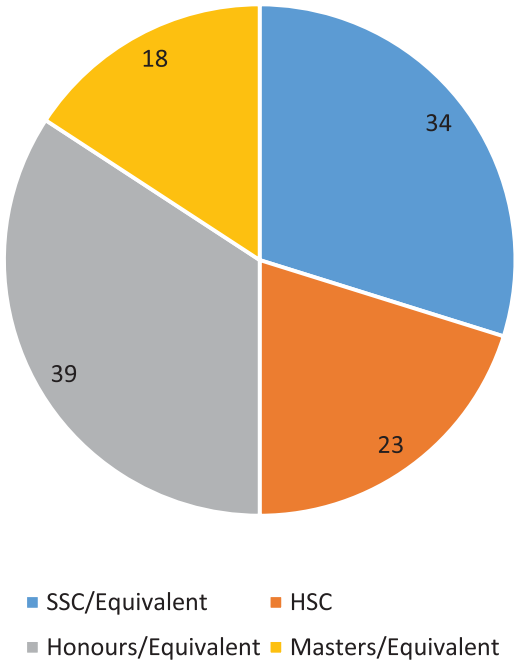


ACADEMIC QUALIFICATION OF EMPLOYEE

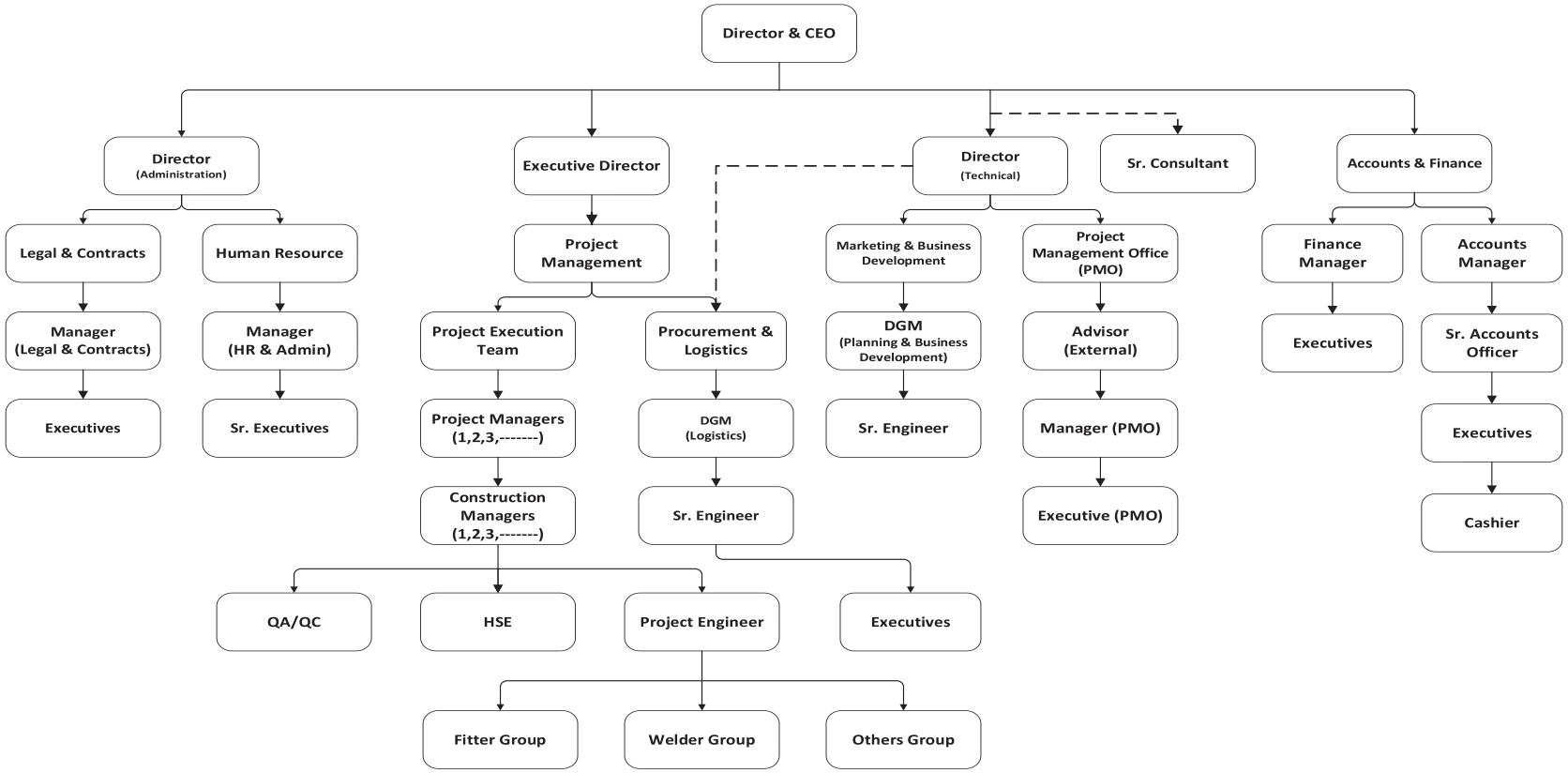
Employee Qualifications (Officer)



Employee Qualifications (Staff)



ORGANOGRAM



Note: Recruitment of the Temporary Manpower is conducted on project to project basis.

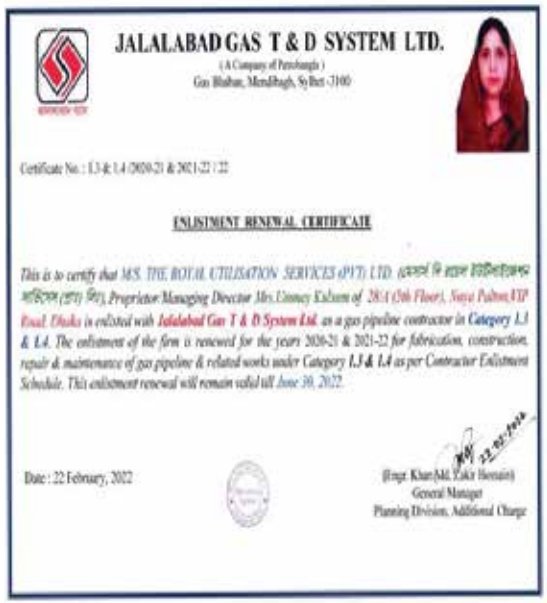
CERTIFICATIONS

Enlistment Certificates

Enlisted with subsidiaries of Petro-Bangla such as TITAS GAS, JALALABAD GAS and PGCL.



TITAS GAS



JALALABAD GAS



PGCL

CERTIFICATIONS

ISO Certificates



Certificate of Registration

This is to certify that the
Occupational Health and Safety Management System
of
THE ROYAL UTILISATION SERVICES (PVT.) LTD.
at
House # 383 (3rd Floor), Road # 28, New DOHS, Mohakhali,
Dhaka-1206, Bangladesh

has been independently assessed and is
compliant with the requirements of:

ISO 45001:2018

For the following scope of activities:

Design, Engineering, Procurement & Construction of on-shore/off-shore Oil & Gas (LPG, LNG, NG)
Transmission & Distribution Pipeline including river crossing by HDD method, Process Plant, Power Plant,
Compressor Station, Petro Chemical Plant, Fertilizer Factory, Civil, Mechanical, Electrical &
Instrumentation Works, Oil and Gas Regulatory and Metering Station, Auto LPG Dispensing System
(ALDS), Fabrications, Erection of Spherical Tank.

Certificate Number: UQ - 2021091102

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

Date of Certification	11th September 2021
1st Surveillance Audit Due	10th September 2022
2nd Surveillance Audit Due	10th September 2023
Certificate Expiry	10th September 2024

Authorised Signatory



Certificate of Registration

This is to certify that the
Quality Management System
of
THE ROYAL UTILISATION SERVICES (PVT.) LTD.
at
House # 383 (3rd Floor), Road # 28, New DOHS, Mohakhali,
Dhaka-1206, Bangladesh

has been independently assessed and is
compliant with the requirements of:

ISO 9001:2015

For the following scope of activities:

Design, Engineering, Procurement & Construction of on-shore/off-shore Oil & Gas (LPG, LNG, NG)
Transmission & Distribution Pipeline including river crossing by HDD method, Process Plant, Power Plant,
Compressor Station, Petro Chemical Plant, Fertilizer Factory, Civil, Mechanical, Electrical &
Instrumentation Works, Oil and Gas Regulatory and Metering Station, Auto LPG Dispensing System
(ALDS), Fabrications, Erection of Spherical Tank.

Certificate Number: UQ - 2021091101

Validity of this certificate can be verified at www.ukcertifications.org.uk/verify

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CERTIFICATIONS

PMS & Excellence Awards



Project Management Institute Bangladesh

Bangladesh Project Management Symposium and Excellence Awards 2021

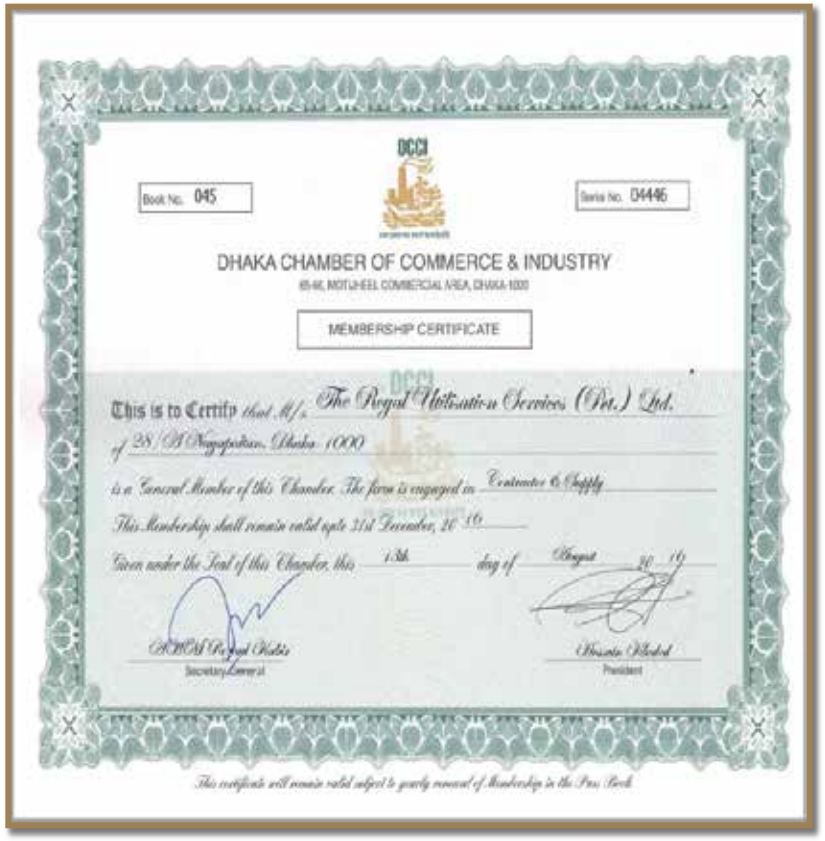
THIS CERTIFICATE OF EXCELLENCE IS PRESENTED TO

The Royal Utilisation Services (Pvt.) Ltd.

FOR BEING CHAMPION UNDER SUB CATEGORY – MEDIUM
FOR PROJECT OF THE YEAR – BUSINESS / SERVICE

7 November 2021

Anesha Ahmed, PMP
President, PMI Bangladesh Chapter



DCCI

Book No. 045

Serial No. 04446

DHAKA CHAMBER OF COMMERCE & INDUSTRY

65-66, MOTIJHEEL COMMERCIAL AREA, DHAKA-1000

MEMBERSHIP CERTIFICATE

This is to Certify that M/s. The Royal Utilisation Services (Pvt.) Ltd.
of 28/A Naya Paltan, Dhaka-1000
is a General Member of this Chamber. The firm is engaged in Contractor & Supply
This Membership shall remain valid upto 31st December, 20 16
Given under the Seal of this Chamber, this 13th day of August 20 10

Secretary General

President

This certificate will remain valid subject to yearly renewal of Membership in the Prescribed

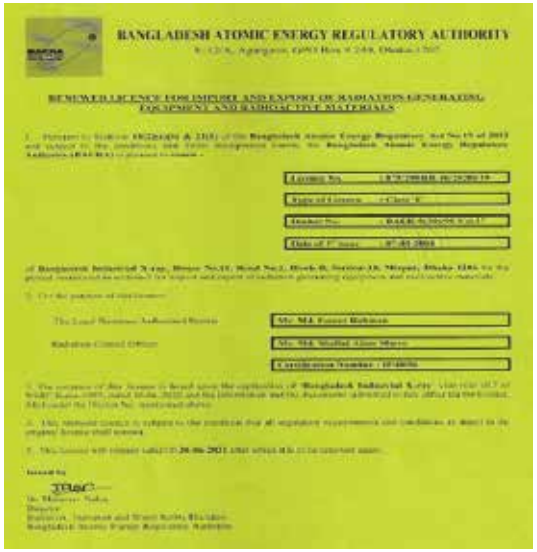
NDT LICENSED COMPANY

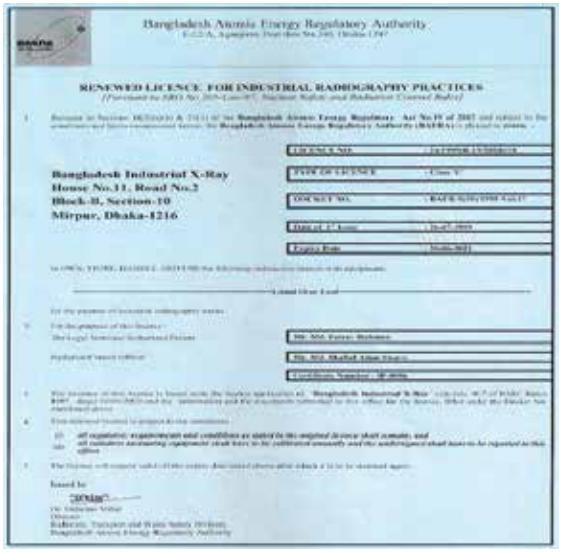
Out sourcing from atomic energy approved experienced Companies namely

- BRIX
- A STAR
- EISB









CURRENT DEVELOPMENT ACTIVITIES

Footprint: Construction works

Oil & Gas Sector



Construction of 16 inch x 6 km & 8 inch x 6.3 km Gas Distribution Pipeline

Location : **Saidpur & Nilphamari**
Client : **PGCL**
Role : Contractor
Duration : 6 month



Scope of Work:

Construction of 16" dia x 140 psig x 6.0 km and 8`` x 140 psig x 6.3 km Gas Distribution Pipeline in Saidpur and Nilphamari area (Group-6).

CURRENT DEVELOPMENT ACTIVITIES

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Construction of a 100 MMSCFD capacity CGS to supply natural gas to Japanese Economic Zone, Araihazar, Narayanganj.

Fabrication works of 100 MMSCFD Capacity CGS.

Location : **Araihazar, Narayanganj.**
Client : **Titas Gas**
Role : Contractor.
Duration : 6 month



CURRENT DEVELOPMENT ACTIVITIES

Footprint: Construction works

Oil & Gas Sector



Construction of 16” dia x 09 km Gas Distribution Pipeline.

Location : **Saidpur & Nilphamari**
Client : **PGCL**
Role : Contractor
Duration : 6 month



Scope of Work:

Construction of 16`` dia x 140 psig x 09 km Gas Distribution Pipeline in Saidpur and Nilphamari area (Group-5).

COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Design, Construction, Fabrication-erection, installation, testing and commissioning of 150 MMSCFD RMS and its associated civil works & buildings.

Reliance Meghnaghat 718 MW CCPP

Location : **Meghnaghat**
Client : **Reliance Meghnaghat 718 MW CCPP**
Role : Sub-Contractor
RMS : **150 MMSCFD Capacity**
Duration : 1 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Installation of the 30 Inch dia Natural Gas Transmission Pipelines Across Padma Multipurpose Bridge under Bangladesh Bridge Authority (BBA).

Gas Transmission Pipeline in Padma Multipurpose Bridge.

Location	**: Padma Multipurpose Bridge**
Client	**: China Petroleum Pipeline Engineering Co,. Ltd**
Role	: Sub-Contractor
Duration	: 1 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Fabrication-erection, installation, testing and commissioning of Gas Transmission Pipeline & Fixings/supports across Bangladesh Padma Multipurpose Bridge Project.

Gas Transmission Pipeline in Padma Multipurpose Bridge.

Location	**: Padma Multipurpose Bridge**
Client	**: China Petroleum Pipeline Engineering Co,. Ltd**
Role	: Sub-Contractor
Duration	: 1 year



COMPLETION OF PROJECTS

Footprint: Construction works

Power Sector



Scope of Work:

Installation of 20" Dia Natural Gas Pipeline by HDD Method Across the Meghna River and RMS for UNIQUE MEGHNA GHAT 588.31 MW Power Station at Sonargaon, Narayanganj.

UNIQUE MEGHNAGHAT 588.31 MW CCPP

Location	**: Sonargaon, Narayanganj**
Client	**: NEPC**
Role	: Sub-Contractor
RMS Capacity	: 120 MMSCFD
Duration	: 1 Year.



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Procurement & Execution of Civil, Mechanical, Electrical works with installation, testing and commissioning of 7 Nos. of Wellhead Compressors (having capacity of 60 MMSCFD each) Project.

7 Nos of Wellhead Compressor.

Location : **Location-A of Titas Gas Field, BGFCL, B-Baria**

Client : **China Petroleum Pipeline Engineering Co,. Ltd**

Role : Sub-Contractor

Duration : 1.5 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Procurement & Execution of Civil, Mechanical, Electrical works with installation, testing and commissioning of 7 Nos. of Wellhead Compressors (having capacity of 60 MMSCFD each) Project.

7 Nos of Wellhead Compressor.

Location	**: Location-A of Titas Gas Field, BGFCL, B-Baria**
Client	**: China Petroleum Pipeline Engineering Co,. Ltd**
Role	: Sub-Contractor
Duration	: 1.5 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Procurement, Execution of 1500 MMSCFD CTMS including Design, Engineering, Installation & commissioning works (Civil, Mechanical & Electrical) on EPC basis.

1500 MMSCFD Capacity Custody Transfer Metering Station (CTMS)

Location : Maheshkhali

Client : Emerson Process Management Asia Pacific Pvt. Ltd.

Role : Sub-Contractor

Duration : 1 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Work:

Fabrication-erection, installation, testing and commissioning of Piping & Two unit Spherical Tank with instrumentation works.

Construction works of Spherical Tank & Piping at CRU

Location	**: Rashidpur, Sylhet Gas Fields Limite (SGFL)**
Client	**: Sylhet Gas Fields Limited (SGFL).**
Role	: Sub-Contractor
Duration	: 6 Months.



COMPLETION OF PROJECTS

Footprint: Construction works

Power Sector



Scope of Work:

Civil works of Tank Foundation (Pipe Cape, Pile Making, Driving & Teasting) Material supply & Sanitary Works, Fabrication & Erection of Tanks etc. of 115 MW power plant.

EPV Thakurgaon 115 MW Power Plant

Location	**: Thakurgaon**
Client	**: Energypac Power Generation Company Ltd.**
Role	: Contractor
Year	: 1 Year



COMPLETION OF PROJECTS

Footprint: Construction works

Power Sector



Scope of Work:

Fabrication-erection, testing, commissioning of all types of Tank and piping & structural works.

Chattogram 126 MW Power Plant.

Location	**: Chattogram**
Client	**: Anlima Energy Limited**
Role	: Contractor
Total Capacity	**: 126 MW**
Duration	: 1 year



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector

Partex Petro Refinery

Location : **Chattogram**

Client : **Partex Petro Limited**

Role : Contractor

Total Capacity : **12,000 barrels per day.**

Duration : 1 years

Day View



Night View



Scope of Works:

Fabrication and Erection of Process Equipment, Piping, Steel Structure and Electrical & Instrumentation works.

COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Works:

Construction of 42" OD x 1100 psig Gas Transmission Parallel Pipeline form West Bank of Maheshkhali Channel to Toitang (approx 16.50 km) under Maheshkhali – Anowara Gas Transmission Parallel Pipeline.

Construction of 42`` OD x 1000 Psig Gas Transmission Pipeline.

Location	**: Padma River (Maheshkhali - Anowara)**
Client	: GTCL.
Role	: Contractor
Completed Year	: 2018.



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Works:

Construction of 30" diameter pipeline across four number of Rivers (Sangu, Matamohuri, Uzantia and Koheli) by Horizontal Directional Drilling (HDD) under Mosheskhali to Anowara LNG pipeline project of GTCL.

GTCL 30" HDD River Crossing

Location	: Chattogram (Moheskhali to Anowara)
Client	**: JV member with Punj lloyd Ltd India**
Role	: Contractor
Total Capacity	**: 4000 BBL per day**
Completed Year	: 2017



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Works:

Construction of 30"diameter, 2.2 KM High Pressure Natural Gas Pipeline by HDD method across Padma River under GCCL.

Padma HDD River Crossing

Location	**: Padma River**
Client	**: GTCL.**
Role	: Sub-Contractor
Duration	: 1 Year
Complited Year	: 2016.



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector



Scope of Works:

Fabrication-erection, Equipment Installation, Testing & Commissioning works of all Piping, Fire Fighting including Electrical and Instrumentation Works.

Petromax Refinery Complex .

Location	: Mongla
Client	**: Youth Group**
Role	: Contractor
Total Capacity	**: 2500 BPD**
Year	: 2013



COMPLETION OF PROJECTS

Footprint: Construction works

Oil & Gas Sector





Petromax Refinery Complex .

Location	: Mongla
Client	**: Youth Group**
Role	: Contractor
Total Capacity	**: 2500 BPD**
Year	: 2013





Scope of Works:

Fabrication-erection, Equipment Installation, Testing & Commissioning works of all Piping, Fire Fighting including Electrical and Instrumentation Works.

STATUS OF MAJOR PROJECTS WORK

(OIL & GAS, Power, PETROCHEMICAL, REFINERIES Sector)

Work Description	Status	Client Name
Design, engineering, procurement & supply, installation, construction, testing and commissioning of three (3) District Regulating Station (DRS) [1(one) 65 MMSCFD capacity at Saidpur, 1(one) 25 MMSCFD capacity at Rangpur and 1 (one) 10 MMSCFD capacity at Pirganj] on Turn-Key/EPC basis.	Awarded	PGCL
Procurement of 42" od high pressure natural gas pipeline by horizontal directional drilling (hdd) method across meghna, asharia and menikhal rivers under bakhrabad-meghnaghat-haripur gas transmission pipeline project on design, procurement, supply, installation, testing and commissioning basis (lot-3).	Awarded	CPP
Constriction of a 100 MMSCFD Capacity CGS to supply natural gas to Bangladesh Special Economic Zone (Japanees Economic Zone) at Araihazar,Narayanganju.	On going	TITAS
Construction of 16 inch dia X 140 psig X 09km Gas Distribution Pipeline in Saidpur & Nilphamari Area (Group-5).	On going	PGCL
Construction of 16 inch dia X 140 psig X 06km & 8 inch dia X 140 psig X 6.3km Gas Distribution Pipeline in Saidpur & Nilphamari Area (Group-6)	On going	PGCL
Laying & Construction of steel pipelines for transportation of Oil Through Pipeline from Chattogram to Dhaka (CDPL) under Bangladesh Petroleum Corporation (BPC). Laying & Construction of steel pipelines for transportation of Oil through Pipeline from Chattogram to Dhaka (CDPL).	On going	Monico Limited
Design, Construction Install and Commission of one regulating & Metering facilities (150 MMSCFD) for Reliance Meghnaghat 718 MW CCPP and its associated civil works and buildings.	Completed	EMERSON
Uninterrupted Gas supply distribution line & DRS Construction at the Residence (Gonabhaban) of Honorable Prime Minister.	Completed	Titas Gas T&D Co. Ltd.
Installation of Casing Contractor pipe to protect the 24" dia Titas Gas Field (Location G) to AB Gas Pipeline at Vadughar, Brahmanbaria under Improvement of Ashuganj River Port- Sarail-Dharkhar-Akhaura Land Port Road as 4-Lane National Highway Project.	Completed	GTCL

STATUS OF MAJOR PROJECTS WORK

(OIL & GAS, Power, PETROCHEMICAL, REFINERIES Sector)

Work Description	Status	Client Name
HDD Associated Subcontractor Works for Transportation of Oil through Pipeline from Chattogram to Dhaka (CDPL), Bangladesh Part-C, Meghna River 1&2.	Completed	CPP
Construction of 20" Natural Gas Pipeline by HDD Method across the Meghna River for UNIQUE MEGHNAGHAT and Fuel Gas Pipeline-outside of the power plant project of UNIQUE MEGHNAGHAT 588.31 MW CCPP Project.	Completed	NEPC
Bore Piling, Civil with Electrical & HVAC system, Plot Plan, Piping & Equipment Installation works of 07 Nos of Wellhead Compressors (Each having Capacity of 60 MMSCFD) with associated equipment & facilities at Location -A of Titas Gas Field Project.	Completed	BGFCL
Construction of a Valve station with interconnection between 14-inch dia Gas field line and 6-inch dia JGTDSL Line at Kalapur, Moulovi Bazar.	Completed	JGTDSL
Bore Piling, Civil with Electrical & HVAC System, Plot Plan, Mechanical Works (Piping & Equipment Installation) of 07 Nos. Of Wellhead Compressors (Each having capacity of 60 MMSCFD) With Associated Equipment & Facilities at Location-A of Titas Gas Field Project under BGFCL, Brahmanbaria as subcontractor.	Completed	SGCL
Construction of 20 MMSCFD Capacity DRS along with 10"diaX300PSIGX172 Meter Hook up line and associated civil works at Bottoil, Kushtia	Completed	SGCL
Construction of 2.36 Contractor Km, 762 mm (30") OD x 100 Psig and 1.3 KM, 610 mm (24") OD X 1000 psig high pressure natural gas transmission pipeline from Elenga to East side of Bangabandhu Bridge along with supply of related goods and services for widening of Highway under SASEC Road Connectivity Project II.	Completed	GTCL
Pipeline Protection over 20" Bheramara-Khulna High Pressure Gas Pipeline at Aronghata, Khulna for Construction of approach Road for Railway Station under Khulna-Mongla Port Rail Line Construction Project.	Completed	GTCL
Construction of 8 dia x 140 psig x 2100 Meter Gas Pipeline from SGCL DRS to BSCIC, Kushtia for Supplying Gas to BRB Cable Industries Ltd. MRS Industries Ltd., Kiam Metal Industries Ltd & BRB Energy Ltd.	Completed	BRB

STATUS OF MAJOR PROJECTS WORK

(OIL & GAS, Power, PETROCHEMICAL, REFINERIES Sector)

Work Description	Status	Client Name
Construction of 30.50 km long x 30" OD x 1000 psig Gas Transmission pipeline from Bogura TBS, Bogura to Boalmari, Shibganj, Bogura (Section A) under **Bogura-Rangpur- Saidpur** Gas Transmission Pipeline Project.	Completed	GTCL
Emergency repair / maintenace and modification work for removal of condensate deposited in distribution pipeline.	Completed	SGCL
Construction work of Service, RMS and internal gas pipeline at Captive Power Plant & Materials supply for RMS Construction of M/S Square Toiletries Ltd & M/S Square Consumer Product Ltd.	Completed	SQUARE
Construction, Testing and Commissioning of 10" x 172M x 300 Psig Pipeline from Hook-up line from GTCL Battoil TBS offtake to proposed SGCL DRS at Battoil, Kushtia	Completed	SGCL
Emergency repair/maintenance 20" Dia X 1000 PSIG pipeline.Adamji EPZ,Narayanganj.	Completed	TITAS
Construction of 20" Natural Gas Pipeline by HDD Method across the Meghna River for UNIQUE MEGHNAGHAT 588.31 MW CCPP Project. Fuel Gas Pipeline-outside of the power plant project of UNIQUE MEGHNAGHAT 588.31 MW CCPP Project at Sonargaon, Narayanganj, Bangladesh.	Completed	NEPC
Fabrication, Erection, Installation, Testing and Commissioning of 762 mm OD Natural Gas Transmission Piplines and Fixings/Supports across **Bangladesh Padma Multipurpose Bridge Project.**	Completed	CPP
Rehabilitation of existing 12" DN x 300 psig distribution Main Gas Pipeline for Dasherkandi WASA Sewerage Treatment Project at Hatirjheel Near Rampura Bridge, Dhaka.	Completed	TITAS
Underground Pipeline Installation of Main Power House of SS Power 1320 MW Coal Fired Power plant at Banshkhali, Chattogram.	Completed	
Rectification /modification work of 200 MMSCFD Capacity Siddirganj RMS, Siddirganj, Narayangonj and 70 MMSCFD capacity Horipur, Bandor, Narayanganj Project.	Completed	Fernus Construction Company Inc.
Fabrication, Erection and Installation works of 40 (Forty) Nos CMS (Customer Metering Station) fabrication at Chattogram.	Completed	KGDCL
Construction, Testing and Commissioning of 12" x 300 Psig x 23 km Pipeline from Lakkatura to Hi-Tech RMS & Construction of Hi-Tech RMS, Companygonj, Sylhet.	Completed	JGTDSL

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STATUS OF MAJOR PROJECTS WORK

(OIL & GAS, Power, PETROCHEMICAL, REFINERIES Sector)

Work Description	Status	Client Name
115 MW Power Plant Project EPV Thakurgaon Ltd.	Completed	EPV Thakurgaon Ltd.
Construction of 42" OD x 1000 psig Gas Transmission Parallel Pipeline. Anowara-Fouzdarhat, Chattogram .	Completed	GTCL
Erection of internal gas pipeline in plant area for 2nd and 3rd phase at Bhola	Completed	Sheltech Ceramics Ltd.,
Fabrication, Erection , Installation, Testing & Commissioning Works of 16 Nos Thanks having capacity ranging from 55 m^3 to 5000 m^3 under Energy pac power Generation Limited at Thakurgaon.	Completed	GTCL
Rehabilitation works of 12"x1000 psig transmission pipeline.Biiran River Crossing at Gopalpur.	Completed	Sheltech Ceramics ltd.
Up- gradation of existing Gas RMS. At Aggreko Limited, Bhola Island	Completed	Aggreko International Projects Ltd.
Fabrication, Erection of the process equipment, piping, steel structure, electrical, Instrumentation and control od stting up 'Partex Petro Limited' a Condensate Francnation plant of partex Group at Anawara, Chittagong.	Completed	Partex petro ltd.
Erection, Installation, welding, testing, Blasting & Painting of piping works and erection, welding, testing & commissioning of Two-unit spherical Tank and Erection of Equipment, electrical works etc. of CRU OF Sylhet Gas Fields Limited (SGFL).	Completed	SGCL
Supply of Pig & Cups and also Pigging Assisstance for Bakhrabad -Shiddirganj 30" x 1000 Psig x 60 km Gas Pipeleine at Bakhrabad-Shiddirganj.	Completed	GTCL
Capacity Upgradation of existing Ishwardi EPZ DRS of PGCL at Ishwardi EPZ area and it's associated works at Ishwardi EPZ.	Completed	PGCL
Design & Engineering, Procurement & Supply, Installation, Construction, Testing, Pre-commissioning and Commissioning works of 01 (One) 1500 MMSCFD Capacity Custody Transfer Metering Station (CTMS) under GTCL at Moheskhali.	Completed	GTCL
Supply of 30" Polyurethane Conical Cup (4 Nos) against Bakhrabad-Siddhirganj High Pressure Gas Transmission Pipeline Pigging.	Completed	GTCL.

STATUS OF MAJOR PROJECTS WORK

(OIL & GAS, Power, PETROCHEMICAL, REFINERIES Sector)

Work Description	Status	Client Name
	Completed	EPV thakurgaon Ltd.
Emergency Co maintenance works of Filter Cartridge Change for 20" dia filter separator (02 Nos) at Bakhrabad Metering Station and 12" dia Ball Valve replacement & fabricatuion of spool for venting of Natural gas from high pressure gas pipeline at Haripur RMS of GTCL.	Completed	GTCL
Construction of Pipeline as Sub-contract of CPPB a Chinse reputed Co. for Rupsha 800MW Combined Cycle Power Plant Project at Rupsha Khulna.	Completed	CPPB
220 MW (Gas)/212 (HSD) based dual Fuel Combined Cycle power plant project at Bhola.	Completed	Bisho Infra Projects Ltd.
16`` DN x 140 psig x 10 K.M Pipeline from Sharishabari M & R Station to Jamalpur Economic Zone.	Completed	TITAS GAS
Supply of materials & fabrication works.	Completed	Nestle Bangladesh Ltd.
Amin Bazar CGS emergency maintenance works for GTCL	Completed	GTCL
Section F: the construction of 20 km long x 36`` OD 1000 psig high pressure natural gas transmission pipeline from Makrabpur, Nangalkot, to Ghoshoa, Barura, Comilla under construction of Chittagong-Feni-Bahrabad Gas Transmission parallel pipeline Project.	Completed	GTCL
Construction of 42`` OD x 1000 psig GAS Transmission Parallel Pipeline.	Completed	GTCL
Design, Supply,Fabrication, Installation, Testing & Commissioning of High-Pressure District Regulating Station (HP-DRS) and Intermediate Pressure District Regulating Station (IP-DRS) in Chattogram on Turn- Key/EPC basis.	Completed	KGDCL
Ashulia CGS emergency maintenance works for GTCL	Completed	GTCL
Repair and maintenance works of 12.75" OD X 1000 psig Bonpara -Rajshahi high pressure gas transmission pipeline at Hizli Valve Station, Natore.	Completed	GTCL
Installation of RMS & Gas pipeline of A 413.792 MW (Gas)/333.02 MW (Fuel Oil) (Net) Duel fuel fired power generator facility at Sirajganj.	Completed	Tiejun International (BD) Ltd.
Construction of 42" Contractor OD x 1000 psig Gas Transmission Pipeline from North Halisahar to Uttar Salimpur Pig Receiver Station (approx. 7.20 km) under Anowara-Fouzdarhat Gas Transmission Pipeline Project (Section-D/ Lot-4)	Completed	GTCL

SOME EMERGENCY RESPONCE

Footprint: Construction works

Oil & Gas Sector

EMERGENCY WORKS at TITAS GAS

Location: Adamjee Export Processing Zone, Siddhirganj.

Client: Titas Gas Transmission & Distribution Company Ltd.





SOME EMERGENCY RESPONCE

Footprint: Construction works

Oil & Gas Sector



EMERGENCY WORKS at TITAS GAS

Location: Adamjee Export Processing Zone, Siddhirganj.

Client: Titas Gas Transmission & Distribution Company Ltd.



PIPELINE CONSTRUCTION WORKS

Activity: Right of Way Preparation





PIPELINE CONSTRUCTION WORKS

Activity: Stringing & Joint Fit-up





PIPELINE CONSTRUCTION WORKS

ACTIVITY: WELDING













PIPELINE CONSTRUCTION WORKS

ACTIVITY: NDT





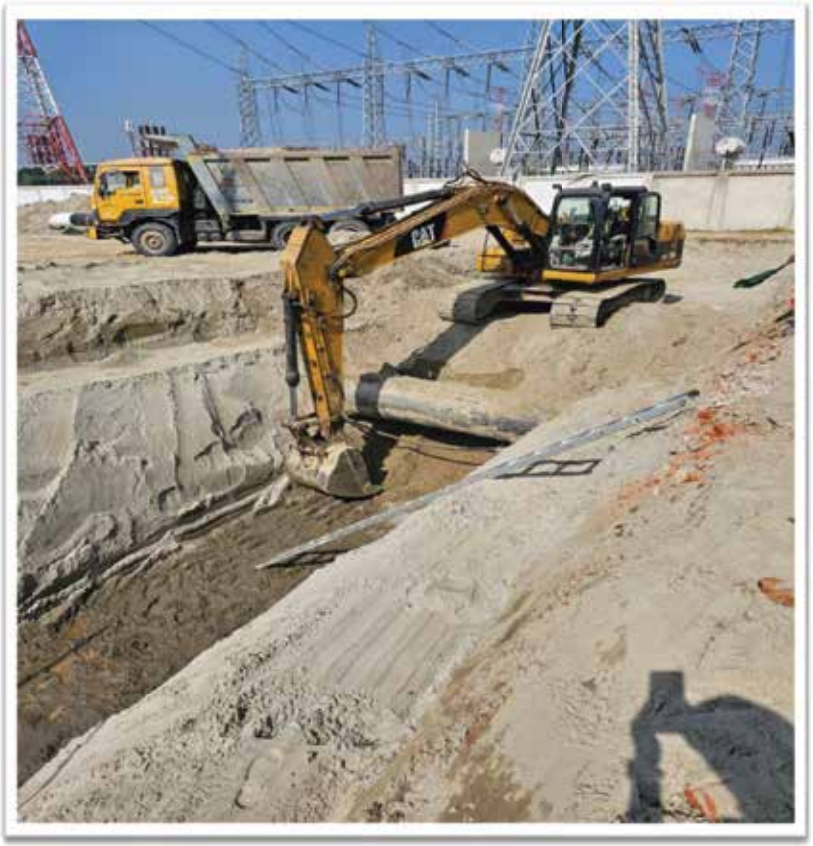
ACTIVITY: HOLIDAY DETECTION





PIPELINE CONSTRUCTION WORKS

ACTIVITY: TRENCHING





PIPELINE CONSTRUCTION WORKS

Activity: Lowering-in







PIPELINE CONSTRUCTION WORKS

Activity: Pigging & Pressure Testing









PIPELINE CONSTRUCTION WORKS

ACTIVITY: Cathodic Protection (CP)









ACTIVITY: Commissioning





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Bhulta, Narayangang, Bangladesh







QHSE POLICY

“It is our policy to prevent injury and ill health to ensure safety of ourselves and other persons including the protection of environment and assurance delivery of quality services.”





Emergency Response

We have experience in addressing Emergency Response Plan (ERP).

- ✓ Damage detection & repaired Gas pipeline of TITAS GAS in Hatirjheel Project.
- ✓ Emergency mobilization to arrest blow out situation in Ashulia CGS of GTCL.
- ✓ Emergency Leak repaired & recommission of Amin Bazar CGS of GTCL.
- ✓ Carried out on steam pigging operation during pandemic situation in order to clean Bakhrabad-Shiddhirganj pipeline to keep power plants operational.

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12 GOLDEN SAFETY RULES

Rule no. 1 HIGH-RISK SITUATIONS:
You must not - Smoke outside designated areas, Work or drive under the influence of alcohol, Work or drive under the influence of drugs. You must - Assess all risks prior to the start of non-routine or routine works, Report all hazardous situations to management, monitor them, take appropriate measures to mitigate the risks and formally notify the personnel concerned, Follow start-up and shutdown procedures and check progress.

Rule no. 2 TRAFFIC:
You must not - Exceed the speed limit and authorized driving time, Use a mobile phone while driving. You must - Check condition and conformity of vehicles and machinery before use, Wear your seat belt, Use designated pedestrian paths/sidewalks and hold the handrail when taking the stairs.

Rule no. 3 BODY MECHANICS AND TOOLS:
You must not - Use defective tools or tools not intended for the task or the area where the work is being performed, Use a tool, including those for pressure tests, under conditions that exceed the manufacturer's specified design limits. You must - Use the tools specified in the work permit or procedures and adapt your body mechanics to the tool rating and repetitive nature of the task.

Rule no. 4 PROTECTIVE EQUIPMENT:
You must not - Cross a barrier or reposition protective equipment without authorization. You must - Wear the designated personal protective equipment (PPE) for the area and task and check its condition before use, Wear a life jacket whenever required, Report any damage or malfunction of safety barriers.

Rule no. 5 WORK PERMITS:
You must not - Perform any work without an approved work permit. You must - Assess risks before starting work, Use any required additional permits, Re-issue a work permit if the conditions on the original permit change or the work procedure is modified.

Rule no. 6 LIFTING OPERATIONS:
You must not - Walk or stand under a suspended load. You must - Perform a risk assessment, implement the lift plan and clearly mark out the area, Ensure all lifting equipment and gear is fit for purpose, in good condition and regularly inspected, Check that the load is securely slung and bundled, Designate a signaler and control the moving load at all times.

Rule no. 7 POWERED SYSTEMS:
You must not - Begin any work until you have checked that all energy and fluid sources have been solated, (unless you are specifically authorized to do so). You must - Follow the isolation plan and supervision instructions attached to the work permit, Check all isolations, locks and tags before performing any work and remove them before restarting operations.

Rule no. 8 CONFINED SPACES:
You must not - Enter a confined space without checking isolations and all atmospheric hazards. You must - Cover suffocation, falls, explosion, crushing, drowning and other risks in the specific work permit, Ensure that you will be continuously monitored, Have and emergency response and rescue plan.

Rule no. 9 EXCAVATION WORKS:
You must not - Place machinery or spoil pile within one meter of a trench being excavated. You must - Perform excavation work with a permit comprising a map of all buried hazards, Apply precautions for work in confined spaces, as necessary, Clearly mark all excavation areas and identify underground structures.

Rule no. 10 WORK AT HEIGHT:
You must not -Work under or near power lines with out respecting the minimum safe clearance distance, Work on building or tank roofs without first checking their integrity and ensuring that the appropriate protective devices have been installed, Move a deployed mobile elevated work platform. You must - Put away tools when working at height, Use a safety harness that is safely anchored, outside fixed barriers or in an MEWP, Use scaffolding that is fit for purpose and has been inspected.

Rule no. 11 CHANGE MANAGEMENT:
You must not - Make technical or organizational changes without getting prior authorization. You must - Have a risk assessment and apply mitigation measures, Give workers appropriate training and update all relevant documentation.

Rule no. 12 SIMULTANEOUS OPERATIONS:
You must not - Perform simultaneous operations or co-activities without completing a preliminary field check. You must - Conduct a risk assessment with the personnel concerned, Increase supervision and appoint a duly authorized coordinator

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SOME OF OUR VALUED CLIENTS

Petrobangla

Petromax Refinery Ltd

Gas Transmission Co. Ltd. (GTCL)

Bangladesh Gas Fields Co. Ltd. (BGFCL)

Bakhrabad Gas Distribution Company Ltd. (BGDCL)

Titas Gas Transmission & Distribution Co. Ltd. (TGDTCL)

Jalalabad Gas Transmission & Distribution System Limited

Bangladesh Chemical Industries Corporation (BCIC)

Sylhet Gas Fields Ltd. (SGFL) BM Energy (BD) Ltd

Midland Power Plant Ltd. Cairn energy

Navana CNG Ltd.(LPG Unit) Pashchimanchal Gas Co. Ltd. (PGCL)

Punj Lloyd Punj Lloyd KAFCO ▪ CPPB

Square group ▪ NDE ▪ BD Foods Ltd.

Emerson Process Management

Aman group Doreen Power

NWPGCL Gulf Energy ISOLUX ISOLUX

ACI Godrej ▪ NEPC ▪ Index LP Gas Ltd.

Totalgaz

Energypac

Energypac Power Generation Ltd.

RUSL

SCC

413 MW Power Plant at Sirajganj



450 MW Powerplant at Meghnaghat



Padma River Crossing at Ishwardi, Pabna



Petromax Refinery at Khulna



51 MW power Plant at Faridpur



36 inch cross country pipeline at Kishorgonj





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SERVICE

Expertise in LNG, LPG, NG, Crude Oil,Water distribution related works.1.4 category Enlisted Contractor for PetroBangla & its subsidiaries.Installation & Commissioning Expertise in Cross-country Pipeline.

SCC

THANK YOU

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HEAD OFFICE
28/A, Nayapaltan (4th Floor), VIP Road
Dhaka-1000,Bangladesh.
Tel: +88 02222229238.
www.sigma-royal.com

BUSINESS OFFICE
House #383 (3rd floor), Road #28
New DOHS, Mohakhali
Dhaka-1206, Bangladesh
Tel: +88 02222281246
www.sigma-royal.com

SIRAJGANJ OFFICE
Wasim Villa, Masumpur
Sirajganj, Bangladesh
Tel: +88 02588831606
www.sigma-royal.com



