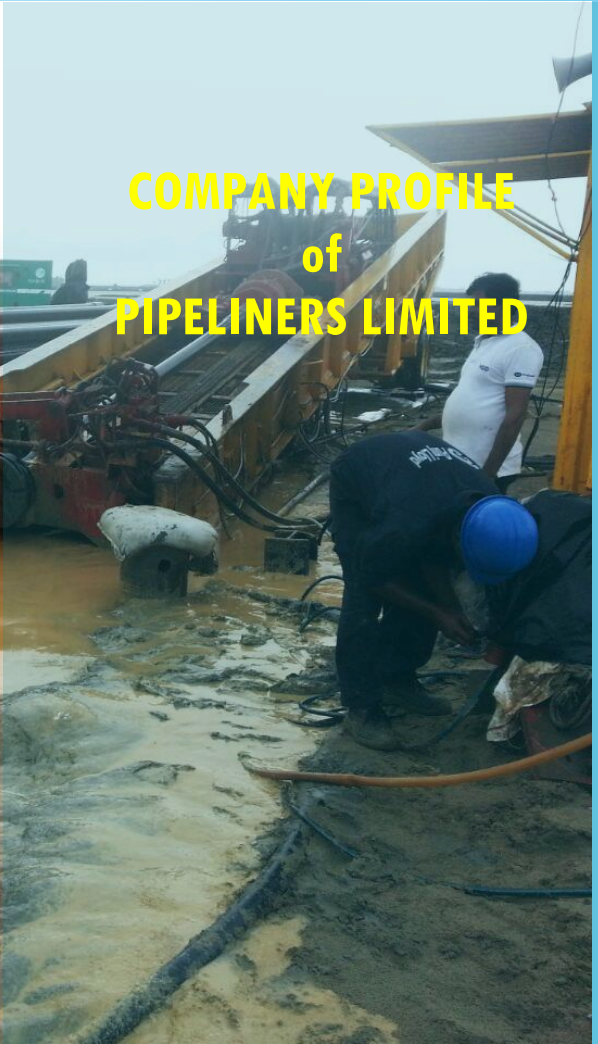




COMPANY PROFILE of PIPELINERS LIMITED



Leading Design, Engineering, Procurement & Construction Firms. Field of business in Civil, Mechanical, Electrical including Gas Process Plant, Power Plant, LPG Plant Area in Oil, Jet A-1 Pipeline and Condensate Pipeline & Gas Transmission Pipeline and Storage Tanks for in Gas, Power and Energy Sector of Bangladesh Since 1978

August 2020



PIPELINERS LIMITED

ISO 9001:2015; ISO 14001:2015; BS OHSAS 18001:2007

Navana Tower, Floor-12, Block-E

45 Gulshan Avenue, Dhaka-1212, Bangladesh

Tel: +880-2-9862828, Fax: +880-2-9862500

E-mail: linersp@dhaka.net, info@pipelinersltd.com, www.pipelinersltd.com



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

About PIPELINERS LIMITED:

Pipeliners Limited (PL) is an ISO 14001:2015, ISO 9001:2015, BS OHSAS18001:2007 certified private limited company which was founded in 1978 based on Dhaka, Bangladesh. The company has been engaged in various business activities mainly in the Hydrocarbon industries, Petrochemical, Energy, Natural gas, Aviation fuel hydrant pipeline and Civil infrastructure sector.

Pipeliners Limited is involved in the area of Piping, Mechanical Fabrication, Erection & Installation and Civil construction of Power plant, Petro-chemical Industries, Process Plant, Natural Gas Pipe line and related infrastructures/stations.

The Average Annual turnover of Pipeliners Limited over the last 5 years is around BDT 800 million

Objective and Area of the PIPELINERS LIMITED:

Design, Engineering, Procurement, Installing and maintaining of natural gas pipeline systems and oil import and sales pipeline in oil storage frame area are our major field of work. PIPELINERS LIMITED is well equipped with the innovation, capabilities, and resources to meet any demand on-time and on-budget since 1978. We have been accomplished some of the largest natural gas transmission pipeline construction and oil import and sales pipeline in oil storage frame area jobs across the country and successfully laid hundreds of kilometers gas transmission and distribution pipeline through some of its most challenging terrain. Till date all the completed projects bear the significance of success with zero incident record.

PIPELINERS LIMITED, first ever Bangladeshi Contractor who has been completed Construction of 30" OD (762mm) 28.5 Km. Gas Transmission Loop line From Rashidpur (Muchai) to Habiganj (Manifold Station) including 30" OD (762mm) 450 meter wide Khowai river crossing by HDD method in the history of pipeline construction works of Bangladesh.

We provide gathering, upstream, midstream and distribution construction services for natural gas transmission and distribution pipelines and oil import and sales pipeline in oil storage frame area. Our core competencies extend throughout the nation and embody our years of professional construction experience. Our experienced staff works to achieve the highest levels of safety and quality at every projects. Pipeliners limited works in order to ensure that the natural gas transmission and distribution pipeline and oil import and sales pipeline in oil storage frame area can sustain extreme pressure through low environmental impact with reliability and safety. In urban and rural area our trenching capabilities allow us to minimize disruptions to traffic, homeowners, and businesses as well as coordinate with multiple companies to integrate various utilities and communication services in one trench. In rural or remote areas, we use specialized equipment to move fast by quick earth and rock cutting.

Every employee of Pipeliners Limited have the capability to meet the stringent safety standards and to maintain the commitment of environmental responsibility. We are constantly striving to develop innovative solutions that balance the needs of our clients with those of landowners, regulatory agencies and the environmental authorities as well as to return each project site to the condition in which we found it.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Fields of area of PIPELINERS LIMITED

Any kind of Civil, Mechanical, Electrical in Gas Process Plant, Power Plant, LPG Plant, Oil Storage Tanks Frame Area in Oil, Gas and Energy Sector of Bangladesh:

- Construction of Residential/Commercial Building, Control/Operation Building, Workshop Building, Generator Building, Pump House, Ware House, Guard House etc., and including excavation, CC, RCC foundation, sanitary and plumbing works, surface & storm water drain, internal electrification, electrical sub-station, sand filling, bound wall, Ware-mess fencing including painting.
- Fabrication and Erection of Steel Structure and All kind of Pre-Fabricated Steel Shed
- Installation of heavy duty compressor, knockout drum, condensate tank, flare stack, TEG Tower, filter water separator, API separator,
- Design, Engineering, Procurement and Construction of Oil Storage Tank including supply of materials and installation of Floating Roof, Internal Floating Suction, Product Delivery Meter, Product Pump, Auto-gauging, Fire Fighting System.
- Design, Engineering, Procurement line-pipe, valve, flange, pipe fittings, coating, and wrapping materials and Construction of Gas Transmission Pipeline, main line valve station, city gate station including painting.
- Design, Engineering, Procurement and Installation of Gas Transmission Pipeline Across River by HDD Method including supply of line-pipe, valve, flange, pipe fittings including Hydro-static testing and Commissioning.
- Design, Engineering, Procurement and Construction of Gas Regulating and Metering Station (RMS), City Gate Station (CGS), District Regulating Station (DRS), Town Border Station (TBS) including supply of line-pipe, valve, flange, pipe fittings, pressure regulator, pressure transmitter, custody transfer meter, knock-out drum, condensate tank, filter water separator, pressure gauge, temperature gauge, SCADA system.
- Mechanical, Piping Fabrication & Installation, Insulation, installation of firefighting equipment including installation of valve, flange, pipe fittings, pressure regulator, pressure transmitter, custody transfer meter, knock-out drum, condensate tank, filter water separator, pressure gauge, temperature gauge, SCADA system, telecom facilities for any type of Gas Process Plant and Condensate Fractionation Plant.
- Mechanical, Piping Fabrication & Installation, Insulation, installation of firefighting equipment including installation of valve, flange, pipe fittings, pressure regulator, pressure transmitter, custody transfer meter, knock-out drum, condensate tank, filter water separator, pressure gauge, temperature gauge, SCADA system, telecom facilities for any Type Compressor Station Project.
- Construction & Installation of Mechanical Equipment, Piping & other related works for Power Plant Project.
- Tie-in work by Hot Tapping and Stopple Plugging with supply of fittings on live line.
- LPG Import Marine Terminal and Pipeline Installation Works
- Fabrication and Erection of LPG Spherical Tanks and the BOP of the LPG plant.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

MESSAGE FROM THE MANAGING DIRECTOR:

Pipeliners Limited has been dedicated to help energy and hydro-carbon sector across the whole country to achieve their goals for more than 44 years; for every client, on every project.



As an oil and gas engineered-to-order business, we are committed to understand client's specific goals and executing them as our own. We leverage our construction expertise to provide optimal engineering and project implementation cost to every client, on every project, every day. By always innovating and never lagging behind, Pipeliners Limited continues to grow with a purpose. We continue to apply our time-tested competencies and proven experience every day for each client we serve. We have in-depth knowledge of our discipline; we are highly experienced; and we are led by some of the most experienced professionals in oil and gas sector.

It's more than what we do, it's who we are. And together, we can accomplish your goals.

OUR VISION

It is the vision of Pipeliners Limited to be the most highly-respected construction firm in the markets of hydro-carbon, petro-chemical & energy and power sector in Bangladesh and by the clients we serve.

OUR MISSION

It is the mission of Pipeliners Limited to provide the highest services with excellence to our clients. We are bound to achieve our mission by following these Corporate Principles:

- Hiring, training and empowering our employees to be the best in business.
- Demand vigilant attention to our financial responsibilities.
- Act with continuous and unrelenting improvement.
- Possess an uncompromising attention to detail.
- Fair, honest and courteous dealings with everyone.
- Be passionate about our commitment to excellence.
- Consider the health, safety, and environmental impact of all we do.
- Conduct all of our business with honesty and integrity, and comply with all applicable laws and regulations.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

KEY INFORMATION OF PIPELINERS LIMITED

Date of Formation and Registration Number:

5 April 1978

C-6029/587 (346)

Date of Commencement of Business:

5 April 1978

Registered Office:

144 Shantinagar Road, Dhaka-1217,
Bangladesh

Name of Board Member:

Mr. Shafiqur Rahman

Mrs. Nilufar Rahman

Ms. Farah Lamisa Rahman

Mr. Sadman Shakib Rahman

Authorised Capital:

BDT 1,00,00,000.00.

Paid-up Capital:

BDT 10,00,000.00 (10,000 Shares, BDT 100 each)

Length of Gas Transmission and Distribution Pipeline was completed:

450 K.M. (Approx.)

Number of Employees:

78 Persons. (Regular)

Managing Director:

Mr. Shafiqur Rahman

Phone: 880-02-9862828

E-mail: liners@dhaka.net

Fax: 880-02-9862500

Address:

Pipeliners Limited

Navana Tower, Floor-12, Block-E

45 Gulshan Avenue, Dhaka-1212, Bangladesh

Tel: +880-2-9862828, Fax: +880-2-9862500

E-mail: liners@dhaka.net, info@pipelinersltd.com,

Web: www.pipelinersltd.com



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Board of Directors of Pipeliners Limited



Shafiqur Rahman
Managing Director



Nilufar Rahman
Director



Farah Lamisa Rahman
Director



Shadman Sakib Rahman
Director



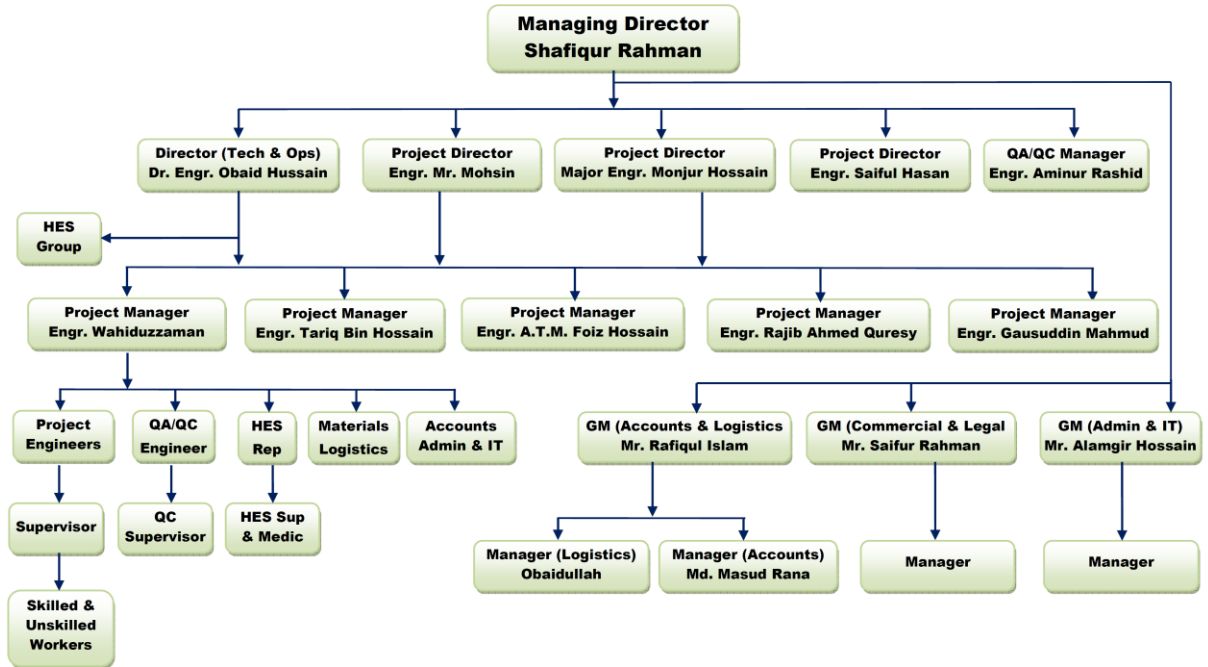


ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Pipeliners Limited

Management (Key Members)





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Project Management Structure of Pipeliners Limited



Shafiqur Rahman
Managing Director



Major (Rtd) Engr. Abdul Alam Bhuiyan
Chief Advisor to Managing Director





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Certificate of Incorporation of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



ইস্য নং ১২৭৬

Certificate of Incorporation

Pipeshowers Limited





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Certificate of Incorporation

J.No-346

No. C-6029 of 1977 -1978.
587

I hereby certify that Pipeliner
Limited. X X

X X X

is this day incorporated under the Companies Act (Act VII)
of 1913 and that the Company is Limited.

Given under my hand at Dacca

this Fifth day of April

One thousand nine hundred and Seventy eight

Offio Seal



অবিকল নকল মালিক
প্রত্যয়ন করা হইল
(আবদুল হাম্মাদ)
সহকারী রেজিস্ট্রার
জয়েন্ট ষ্টক কোম্পানী অফ বাংলাদেশ
বাণিজ্য, শ্রম ও মজদুর
বিভাগ
ঢাকা

Bangladesh.

A. Majid



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

e-TIN Certificate of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Government of the People's Republic of Bangladesh
National Board of Revenue

Taxpayer's Identification Number (TIN) Certificate

TIN : 552123707270

This is to Certify that **Pipeliners Limited.** is a Registered Taxpayer of National Board of Revenue under the jurisdiction of **Taxes Circle-089 (Company)**, Taxes Zone **05, Dhaka.**

Taxpayer's Particulars :

- 1) Name : **Pipeliners Limited.**
- 2) Registered Address/Permanent Address : **House No. 144/143, Shantinagar Road, Ramna, Dhaka, PO : 1000**
- 3) Current Address : **Navana Tower, Floor-12,, 45, Gulshan Avenue, Circle-1, Gulshan, Dhaka, PO : 1212**
- 4) Previous TIN : **1402003671**
- 5) Status : **Company**

Date : December 31, 2014



Please Note:

1. A Taxpayer is liable to file the Return of Income under section 75 of the Income Tax Ordinance, 1984.
2. Failure to file Return of Income under section 75 is liable to-
 - (a) Penalty under section 124; and
 - (b) Prosecution under section 164 of the Income Tax Ordinance, 1984.

Deputy Commissioner of Taxes
Taxes Circle-089 (Company)
Taxes Zone 05, Dhaka
Address : 28/F, SEGUNBAGICHA Phone : 9333857

N. B: This is a system generated certificate and requires no manual signature.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

BIN Certificate of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



**Government of the People's Republic of Bangladesh
National Board of Revenue**

Mushak-2.3

Customs, Excise and VAT Commissionerate, Dhaka (South)
Shegunbagicha Division

Value Added Tax Registration Certificate

This is to certify that the person whose details are given below is registered under
Value Added Tax and Supplementary Duty Act, 2012 (Act No. 47 of 2012)

BIN : 000275745-0208

Name of the Entity	: PIPELINERS LIMITED.
Trading Brand Name	: Pipe Liners Limited
Old BIN	: 19081102437
e-TIN	: 552123707270
Address	: 143/144, Shantinagar,, Ramna PS; Dhaka-1000; Bangladesh
Issue Date	: 22/12/2019
Effective Date	: 01/07/1991
Type of Ownership	: Private Limited
Major Area of Economic Activity	: Services, Retail/Wholesale Trading, Imports, Gas Pipe Line Contra...



This is a system generated certificate and doesn't require any signature



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



**Government of the People's Republic of Bangladesh
National Board of Revenue**



Mushak-2.3

Customs, Excise and VAT Commissionerate, Dhaka (South)

Value Added Tax Registration Certificate

This is to certify that the person whose details are given below is carrying on
Taxable business and registered under Value Added Tax and Supplementary Duty
Act, 2012 (Act No. 47 of 2012)

Business Identification Number (BIN) Details

BIN : 000275745

Name of the person : Pipeliners Limited.
Registration : Registered for VAT
Registration Type : Central
Date of Effect : 06/2017
Date of Issue : 08/06/2017



This is a system generated certificate and doesn't require any signature



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**ISO 9001: 2015, ISO 14001:2015,
BS OHSAS 18001:2007 Certificates
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



CERTIFICATE

Certificate of Registration



This is to certify that the
Quality Management System of:

PIPELINERS LIMITED



NAVANA TOWER, FLOOR-12, BLOCK-E, 45 GULSHAN AVENUE, CIRCLE-1, DHAKA 1212, BANGLADESH

has been assessed and found compliant with the requirements of:

ISO 9001:2015

Quality Management Systems Requirements

Scope of Certification

OFFSHORE AND ONSHORE ACTIVITIES ASSOCIATED WITH ENGINEERING, PROCUREMENT, CONSTRUCTION OF PROJECTS MAINLY IN OIL AND GAS SECTOR SUCH AS CROSS COUNTRY PIPELINE, HORIZONTAL DIRECTIONAL DRILLING, REGULATING & METERING STATION, PROCESS PLANT, COMPRESSOR STATION, HOT TAPPING, TANK FARMS WITH AUTOMATION SYSTEM ALONG WITH RELATED FACILITIES AND ALSO IN PETROCHEMICAL INDUSTRIES, POWER PLANTS, MECHANICAL, ELECTRICAL & INSTRUMENTATION CONTROL, CIVIL CONSTRUCTION, FIRE FIGHTING, INCLUDING PROJECT PLANNING, PROJECT SCHEDULING, PROJECT RESOURCES INCLUDING HEAVY EQUIPMENT/RIG MOBILIZATION, PROJECT MANAGEMENT.

Certificate No: MIAL/BD/15022023/09PL

Initial Issued on : 15 February 2023

EA: 28, 34

1st Surveillance on : 14 February 2024

2nd Surveillance on : 13 February 2025

Expire on : 14 February 2024

Authorized Signature



MSCB160

This certificate is issued as per conducted audit in accordance with the Moody Inspection & Assurance Ltd auditing and certification procedure and it's subject to regular surveillance audit. This Certificate remains the property of Moody Inspection & Assurance Ltd and must be returned on request. Lack of fulfillment of condition as set out in the certification agreement may render this certificate invalid.

Moody Inspection & Assurance Ltd. Verifiable at: www.moody-world.com OR info@moody-world.com



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



CERTIFICATE

Certificate of Registration



This is to certify that the
Environmental Management System of:

PIPELINERS LIMITED



NAVANA TOWER, FLOOR-12, BLOCK-E, 45 GULSHAN AVENUE, CIRCLE-1, DHAKA 1212, BANGLADESH

has been assessed and found compliant with the requirements of:

ISO 14001:2015

Environmental Management Systems Requirements

Scope of Certification

OFFSHORE AND ONSHORE ACTIVITIES ASSOCIATED WITH ENGINEERING, PROCUREMENT, CONSTRUCTION OF PROJECTS MAINLY IN OIL AND GAS SECTOR SUCH AS CROSS COUNTRY PIPELINE, HORIZONTAL DIRECTIONAL DRILLING, REGULATING & METERING STATION, PROCESS PLANT, COMPRESSOR STATION, HOT TAPPING, TANK FARMS WITH AUTOMATION SYSTEM ALONG WITH RELATED FACILITIES AND ALSO IN PETROCHEMICAL INDUSTRIES, POWER PLANTS, MECHANICAL, ELECTRICAL & INSTRUMENTATION CONTROL, CIVIL CONSTRUCTION, FIRE FIGHTING, INCLUDING PROJECT PLANNING, PROJECT SCHEDULING, PROJECT RESOURCES INCLUDING HEAVY EQUIPMENT/RIG MOBILIZATION, PROJECT MANAGEMENT.

Certificate No: MIAL/BD/15022023/14PL

Initial Issued on : 15 February 2023

EA: 28, 34

1st Surveillance on : 14 February 2024

2nd Surveillance on : 13 February 2025

Expire on : 14 February 2024

Authorized Signature



MSCB160

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Moody Inspection & Assurance Ltd. Verifiable at: www.moody-world.com OR info@moody-world.com



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



CERTIFICATE

Certificate of Registration



This is to certify that the
Occupational Health and Safety Management System of:

PIPELINERS LIMITED



NAVANA TOWER, FLOOR-12, BLOCK-E, 45 GULSHAN AVENUE, CIRCLE-1, DHAKA 1212, BANGLADESH

has been assessed and found compliant with the requirements of:

ISO 45001:2018

Occupational Health and Safety Management Systems Requirements

Scope of Certification

OFFSHORE AND ONSHORE ACTIVITIES ASSOCIATED WITH ENGINEERING, PROCUREMENT, CONSTRUCTION OF PROJECTS MAINLY IN OIL AND GAS SECTOR SUCH AS CROSS COUNTRY PIPELINE, HORIZONTAL DIRECTIONAL DRILLING, REGULATING & METERING STATION, PROCESS PLANT, COMPRESSOR STATION, HOT TAPPING, TANK FARMS WITH AUTOMATION SYSTEM ALONG WITH RELATED FACILITIES AND ALSO IN PETROCHEMICAL INDUSTRIES, POWER PLANTS, MECHANICAL, ELECTRICAL & INSTRUMENTATION CONTROL, CIVIL CONSTRUCTION, FIRE FIGHTING, INCLUDING PROJECT PLANNING, PROJECT SCHEDULING, PROJECT RESOURCES INCLUDING HEAVY EQUIPMENT/RIG MOBILIZATION, PROJECT MANAGEMENT.

Certificate No: MIAL/BD/15022023/45PL

Initial Issued on : 15 February 2023

EA: 28, 34

1st Surveillance on : 14 February 2024

2nd Surveillance on : 13 February 2025

Expire on : 14 February 2024

Authorized Signature



MSCB160

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Moody Inspection & Assurance Ltd. Verifiable at: www.moody-world.com OR info@moody-world.com



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Enlistment Certificate of Pipeliners Limited

তিতাস গ্যাস ট্রান্সমিসন এন্ড ডিস্ট্রিবিউশন কোম্পানি লিমিটেড



(পেট্রোবাংলার একটি কোম্পানি)

১০৫, কাজী নজরুল ইসলাম এভিনিউ

কাওরান বাজার বাণিজ্যিক এলাকা

ঢাকা-১২১৫।

তারিখঃ ২০-০৩-২০১৯ খ্রি.

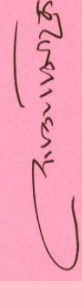
সনদপত্র নম্বরঃ নবায়ন/২০১৮-১৯/১৪

ঠিকাদার কোড নং- ১.৩ এবং ১.৪/০২৩

তালিকাভুক্তি নবায়ন সনদপত্র

তিতাস গ্যাস ট্রান্সমিসন এন্ড ডিস্ট্রিবিউশন কোম্পানি লিমিটেড এর ১.৩ এবং ১.৪ শ্রেণীর গ্যাস পাইপলাইন নির্মাণ ঠিকাদারী প্রতিষ্ঠান মেসার্স পাইপ লাইনার্স লিঃ, ১৪৪, শান্তিনগর রোড, ঢাকা-১২১৭ এর তালিকাভুক্তি ২০১৮-১৯ অর্থবৎসরের জন্য নবায়ন করা হল।

নবায়নের মেয়াদ ৩০ জুন, ২০১৯ খ্রি. পর্যন্ত কার্যকর থাকবে।


(প্রকৌ. মো. সামিউল হক)
উপমহাব্যবস্থাপক
পাইপলাইন নির্মাণ বিভাগ



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Health and Safety Policy of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Pipeliners Limited
ISO 9001 : 2008 Certified



Corporate Office: Navana Tower, Floor-12, Block-E, 45 Gulshan Avenue, Circle-1, Dhaka-1212, Bangladesh, Tel : 880-2-9862828, 9862822, Fax : 880-2-9862500, E-mail : linersp@dhaka.net

HEALTH & SAFETY POLICY STATEMENT

Pipeliners Limited provides engineering, procurement and construction services to pipeline and related facilities, mechanical, electrical and civil construction projects. Our commitment is to ensure the health and safety of all persons who may be affected by our operations.

Our Company goal is to reduce the work-related injury and illness to our employees, contractors, client representatives and the general public as low as reasonably practicable. To achieve this goal we ensure that management and supervisory personnel are competent in and implement suitable health and safety management programs as a priority. We undertake to provide necessary resources and support to all our operations.

In particular, we have already established and will maintain, review and continually improve our program for management of occupational health and safety as applied to the provision of our services. This program includes:

- Complying with relevant legislation, regulations and construction industry standards.
- Establishing measurable objectives and targets to quantify our health and safety performance and demonstrate continual improvement.
- Regular consultation and communication with employees, contractors and clients on health and safety issues.
- Providing and maintaining safe plant, safe systems of work and a safe environment.
- Clearly defining responsibilities and accountabilities for employees and contractors.
- Providing adequate information, training and supervision to employees and contractors.
- Identifying potential health and safety hazards.
- Developing and implementing methods to reduce as low as reasonably practicable or control health and safety hazards.
- Developing health and safety awareness amongst employees and contractors and encouraging all persons to be their own safety supervisor.
- Regular monitoring and auditing of health and safety performance and the identification of corrective actions to improve performance.

Employees are motivated to acknowledge their obligations and responsibilities and provide a positive contribution to health and safety for themselves and others at the workplace.


Shafiqur Rahman
Managing Director
Pipeliners Limited



January 2017



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Health and Safety Statement

Our Commitments toward Safety

Pipeline Limited safeguards against all risks of a project by conducting extensive simulations from initial stages and following up with regular, ongoing inspections and supervision after completion

- Committed to Zero Incident and Injury
- Goal to Zero Waste and Emissions
- Conservation to Natural Resources, Energy and Biodiversity
- Management and Employee Commitment and Accountability





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Quality Assurance and Quality Control Policy of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Pipeliners Limited
ISO 9001 : 2008 Certified



Corporate Office: Navana Tower, Floor-12, Block-E, 45 Gulshan Avenue, Circle-1, Dhaka-1212, Bangladesh, Tel : 880-2-9862828, 9862822, Fax : 880-2-9862500, E-mail : linersp@dhaka.net

QUALITY POLICY STATEMENT

Pipeliners Limited provides engineering, procurement and construction services to pipeline and related facilities, mechanical, electrical and civil construction projects. We are fully committed to our core values including 'get it right first time'.

A company goal is to grow the business through excellence in project delivery and client satisfaction. Pipeliners Limited undertakes to provide the necessary resources and management support to achieve this goal.

In particular, we have established and will maintain, review and continually improve our program for management of quality as applied to the provision of our services. This program requires us to:

- Understand client requirements and measure client satisfaction.
- Provide products and services to customers at all times that fully meet, satisfy and exceed their expectations and specific requirements.
- Ensure that all personnel are competent to undertake the assigned tasks.
- Provide adequate information, training and supervision to employees and contractors.
- Plan project delivery processes to minimise risk and realise budget and schedule objectives.
- Monitor and evaluate processes and deliverables to ensure compliance with requirements.
- Take timely action to prevent occurrence or recurrence of nonconformity.
- Continually improve all areas of the business, to the benefit of all interested parties.
- Establish, document, implement, maintain and continually improve the effectiveness of the Quality Management System (QMS) based on the requirements of ISO 9001:2008.

Total Quality Management shall be applied to every aspect of our activity and quality shall be the responsibility of everyone, in every activity, throughout Pipeliners Limited.


Shafiqur Rahman
Managing Director
Pipeliners Limited



January 2017



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Quality Assurance and Quality Control Policy

1. Pipeliners Limited is committed to meticulously track quality at every stage of a project by using a quality assurance system to deliver outstanding quality from design and Procurement to construction, operation and Maintenance.
2. The quality of construction works are controlled by the quality system procedure.
3. Quality standard requirements will be agreed upon between ourselves and our customers.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Major River Crossing by HDD Method Gas
Transmission Pipeline
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 2018

Installation of Gas Transmission Pipeline across the Maheshkhali Channel & Matamuhuri River and Demosia Khal by HDD Method.

Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis under Maheshkhali-Anowara Gas Transmission Parallel Pipeline Project.

Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri



River] and 01 (one) Khal [Demosia Khal] stated in para 1.5 of this section under Cox's-Bazar Districts of Bangladesh on Design, Procurement, Supply, Installation, Testing, Commissioning on Turn-Key (EPC) Basis;





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Tie-in with main Pipeline/adjacent Pipeline of 42"OD X 19.1mm WT API 5LX70 (PSL-2) LSAW with 3LPE coated pipe on both sides of each (Maheshkhali Channel & Matamuhuri) Rivers and (Demosia) Khal as stated in para 1.5; and

Other associated services.

The project was also included procurement & supply of all HDD river crossing related materials, consumable items for this HDD river crossing.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing



capacity

- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of



equipment and materials.

- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before pull back of line pipes and post hydrostatic testing after successfully pull back of line pipes





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ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD.(GTCL)
(A Company of Petrobangla)

Completion Certificate

Contract: Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis.

Contract No: 28.14.0000.819.10 (Lot-A).001.18, dated 18 January 2018

Date: 18 June 2019

Certificate No.: 28.14.0000.819.10 (Lot-A).001.19. 4368

To: **Punj Lloyd Limited & Pipeliners Ltd. Consortium**
Punj Lloyd Limited, 78 Institutional Area,
Sector-32, Gurgaon-122001, India

Dear Ladies and/or Gentlemen,

Pursuant to GCC Clause 24 (Completion of the Facilities) of the General Conditions of the Contract entered into between yourselves and the Employer dated 18 January 2018, relating to the Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis, we hereby notify that the following part(s) of the Facilities was (were) completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer hereby takes over the said part(s) of the Facilities, together with the responsibility for care and custody and the risk of loss thereof on the date mentioned below.

1. Description of the Facilities or part thereof: Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis.
2. Date of Completion: 17 April 2019

However, you are required to complete the outstanding items listed in the attachment hereto as soon as practicable.

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,

(Md. Ariful Haque Fakir)
Project Director
Moheshkhali-Anowara Parallel Project



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ISO 45001:2018



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Contract Agreement

THIS AGREEMENT is made the 18th day of the month January of the year of Two Thousand and Eighteen (2018).

BETWEEN

(1) **Gas Transmission Company Limited (GTCL)** (a company of Petrobangla), a company incorporated under the laws of The People's Republic of Bangladesh and having its principal place of business at Head Office Building, Plot No: F-18/A, Sher-e-Bangla Nagar Administrative Area, Agargaon, Dhaka-1207, Bangladesh. (hereinafter called "the Employer"), and (2) **Punj Lloyd Limited & Pipeliners Ltd. Consortium**, a corporation incorporated under the laws of India and having its principal place of business at Punj Lloyd Limited, 78 Institutional Area, Sector-32, Gurgaon-122001, India. (hereinafter called "the Contractor").

WHEREAS the Employer desires to engage the Contractor to Design, Manufacture, Test, Deliver, Install, Complete and Commission certain Facilities, viz. Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis ("the Facilities") and the Contractor have agreed to such engagement upon and subject to the terms and conditions hereinafter appearing.

Cont. Page # 02



= 02 =

NOW IT IS HEREBY AGREED as follows:

**Article 1
Contract
Documents**

1.1 Contract Documents (Reference GCC Clause 2)

The following documents shall constitute the Contract between the Employer and the Contractor, and each shall be read and construed as an integral part of the Contract:

- (a) This Contract Agreement and the Appendixes hereto;
- (b) Letter of Bid and Price Schedules submitted by the Contractor;
- (c) Special Conditions of Contract;
- (d) List of Eligible Countries that was specified in Section 5 of the Bidding Document;
- (e) General Conditions of Contract;
- (f) Specifications;
- (g) Drawings;
- (h) Other completed Bidding Forms submitted with the Letter of Bid;
- (i) Any other documents forming part of the Employer's Requirements; and
- (j) Any other documents shall be added here.

1.2 Order of Precedence (Reference GCC Clause 2)

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

1.3 Definitions (Reference GCC Clause 1)

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the General Conditions.



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Article 2 Contract Price and Terms of Payment

2.1 Contract Price (Reference GCC Clause 11)

The Employer hereby agrees to pay to the Contractor the Contract Price in consideration of the performance by the Contractor of its obligations hereunder. The Contract Price shall be the aggregate of: US Dollars Four Million Three Hundred Seventy Three Thousand Nine Hundred Seventy(USD 4,373,970.00) and Bangladeshi Taka Twenty Nine Crore Twenty Three Lakh(BDT 29,23,00,000.00) only.

2.2 Terms of Payment (Reference GCC Clause 12)

The terms and procedures of payment according to which the Employer will reimburse the Contractor are given in the Appendix (Terms and Procedures of Payment) hereto.

The Employer shall instruct its bank to issue an irrevocable confirmed documentary credit made available to the Contractor in a bank in the country of the Contractor. The credit shall be for an amount of USD 4,373,970.00; and shall be subject to the Uniform Customs and Practice for Documentary Credits 1993 Revision, ICC Publication No. 500 or Uniform Customs and Practice for Documentary Credits 2007 Revision, ICC Publication No. 600 (or the latest version).

In the event that the amount payable under Schedule No. 1 is adjusted in accordance with GCC 11.2 or with any of the other terms of the Contract, the Employer shall arrange for the documentary credit to be amended accordingly.

Article 3 Effective Date

3.1 Effective Date (Reference GCC Clause 1)

The Effective Date upon which the period until the Time for Completion of the Facilities shall be counted from is the date when all of the following conditions have been fulfilled:

- (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor;



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Signature

- (b) The Contractor has submitted to the Employer the performance security; and
- (c) The Contractor has been advised that the documentary credit referred to in Article 2.2 above has been issued in its favor.

Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable.

- 3.2 If the conditions listed under 3.1 are not fulfilled within 2 months from the date of this Contract notification because of reasons not attributable to the Contractor, the parties shall discuss and agree on an equitable adjustment to the Contract Price and the Time for Completion and/or other relevant conditions of the Contract.

Article 4 Communications

- 4.1 The address of the Employer for notice purposes, pursuant to GCC 4.1 is:

Gas Transmission Company Limited (GTCL)
Head Office Building, Plot No: F-18/A
Sher-e-Bangla Nagar Administrative Area
Agargaon, Dhaka-1207, Bangladesh.

- 4.2 The address of the Contractor for notice purposes, pursuant to GCC 4.1 is:

Punj Lloyd Limited & Pipeliners Ltd. Consortium
Punj Lloyd House, 17-18 Nehru Place
New Delhi 110 019, India.

Article 5 Appendices

- 5.1 The Appendices listed in the attached List of Appendices shall be deemed to form an integral part of this Contract Agreement.
- 5.2 Reference in the Contract to any Appendix shall mean the Appendices attached hereto, and the Contract shall be read and construed accordingly.



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ISO 45001:2018



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IN WITNESS WHEREOF the Employer and the Contractor have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

For the Employer
Signature of the Employer's
authorised Representative

Name : *Bijit Kumar Sarkar*
Designation : *General Manager / Company Secretary*
Gas Transmission Company Limited
Dhaka.

Witness :
1. *Md. Saifur Islam*
Dy. General Manager (Law & Share)
Gas Transmission Company Limited

2. *Md. Arifur Haque Fakir*
Project Director
M-A Parallel Pipeline Project
Gas Transmission Co. Ltd.

For the Contractor
Signature of the Contractor's
authorised Representative

Name : *A. PAUL*
Designation : *AVP*

Witness :
1. *Shiraful Alam Chaklader*
Director
P.P. Liners Ltd.
2. *Engr. Saiful Hasan*
Director - Planning & Dev.
Pipeliners Ltd.

APPENDICES

- Appendix 1 - Terms and Procedures of Payment
- Appendix 2 - Price Adjustment
- Appendix 3 - Insurance Requirements
- Appendix 4 - Time Schedule
- Appendix 5 - List of Major Items of Plant and Services and List of Approved Subcontractors
- Appendix 6 - Scope of Works and Supply by the Employer
- Appendix 7 - List of Documents for Approval or Review
- Appendix 8 - Functional Guarantees



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)

(পেট্রোবাংলার একটি কোম্পানী)

GAS TRANSMISSION COMPANY LTD. (GTCL)

(A Company of Petrobangla)

Amendment of Notification of Award

(IFB No. 28.14.0000.819.10(Lot-A).001.17, Dated: 16 August 2017)

Amendment of Letter of Acceptance

Ref. No: 28.14.0000.819.10(Lot-A).001.18 - 3401

Date: 07-01-2018

To

Punj Lloyd Limited & Pipeliners Limited, Consortium
78 Institutional Area, Sector-32, Gurgaon-122001
Telephone/Fax Number: 0124-2620598
E-mail: amitavapaul@punjlloyd.com

The existing text of issued NOA (Ref. No: 28.14.0000.819.10(Lot-A).001.17.3940, Dated: 19th November 2017) is replaced as follows:

Existing Text:

"This is to notify you that your Bid dated 14 September 2017 for execution of the Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis for the Contract Price in the aggregate of USD 4,743,644.40 (US Dollars Four Million Seven Hundred Forty Three Thousand Six Hundred Forty Four and Forty Cents) only and BDT 31,72,85,070.30 (TK. Thirty One Crore Seventy Two Lakh Eighty Five Thousand Seventy and Thirty Paiza) only, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by Gas Transmission Company Limited (GTCL)."

Replaced Text:

"This is to notify you that your Bid dated 14 September 2017 for execution of the Installation of 42" OD High Pressure Natural Gas Transmission Pipeline by Horizontal Directional Drilling (HDD) method across 02 (two) Rivers [Maheshkhali Channel & Matamuhuri River] and 01 (one) Khal [Demosia Khal] on Design, Procurement, Supply, Installation, Testing and Commissioning on Turn-Key (EPC) Basis for the Contract Price in the aggregate of **USD 4,373,970.00 (US Dollars Four Million Three Hundred Seventy Three Thousand Nine Hundred Seventy) only and BDT 29,23,00,000.00 (TK. Twenty Nine Crore Twenty Three Lakh) only**, as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by Gas Transmission Company Limited (GTCL)."

All other texts and conditions of the issued NOA shall remain unchanged.


07/01/2018

(Md. Ariful Haque Fakir)
Project Director
Maheshkhali-Anowara Gas Transmission Parallel
Pipeline Project
Cell: +88 01709639726
Fax: +88 02 44827202
E-mail: mapgtcl@gmail.com
Gas Transmission Company Limited (GTCL)

Copy to:

1. Deputy Manager (Co-ordination) to Managing Director, GTCL.
2. Company Secretary, GTCL.
3. General Manager (Accounts), GTCL.
4. Deputy General Manager (PAD), GTCL.
5. Office Copy.

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 2017-18

Horizontal Directional Drilling and Pipeline Installation at six river crossings (Package-2) for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (BD-P78:Natural Gas Efficiency Project) ;Contract No: 28.14.0000.172.30.029.16 Dated 14 June 2017.

The project was also included procurement & supply of all HDD river crossing related materials



i.e Supply of Line Pipes, Bends and other pipeliners related fittings including consumable



items for this HDD river crossing.

- Works performed in tropical or monsoon



climatic areas.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction



equipment/camp to work site.

- Use of right-of-way for much of the transportation of plant, supply of equipment and



and post hydrostatic testing after successfully pull back of line pipes

- Final design of the six HDD river crossings, based on geo-technical and topographical data provided by the CLIENT;



materials.

- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before pull back of line pipes





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ISO 45001:2018

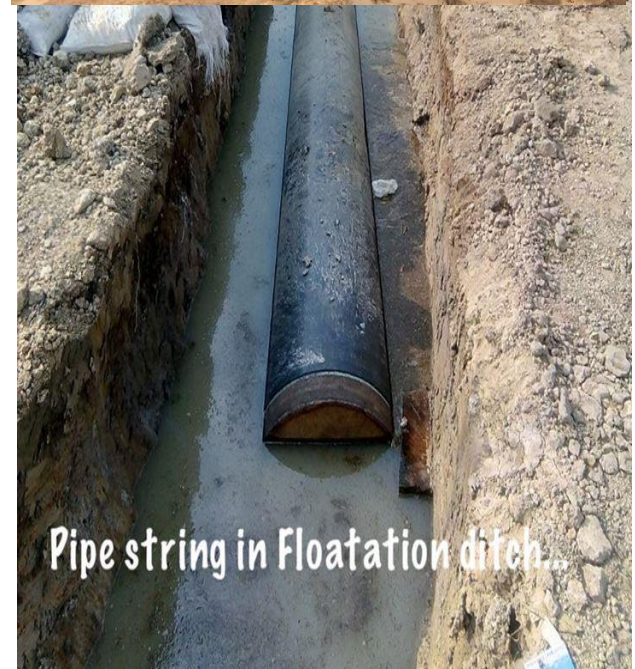
- Proposal for the most suitable “mud” (lubricant) to be used for drilling;



- Proposal if CONTRACTOR considers that a “mud-line” will be necessary;



- Preparation of rig sites including: mud handling, accommodation, welfare, etc.;
- Preparation of exit sites and laydown areas;
- Carry out the pilot drilling and reaming-back;
- Weld and pre-test, and pull-back of the HDD pipe strings;



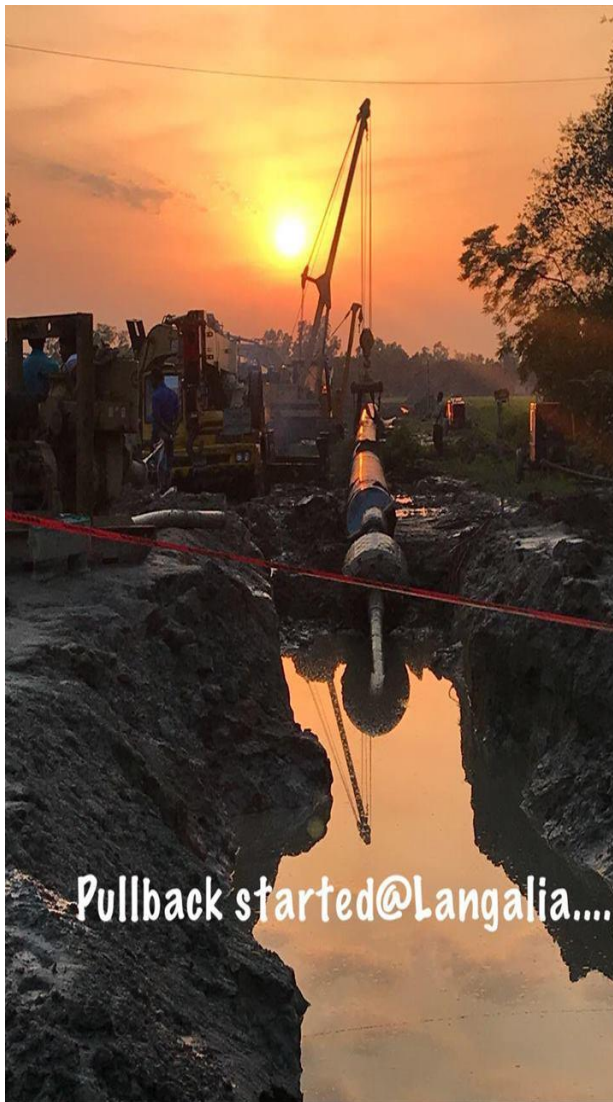
- Detailed layout of the rig site (75m wide and 50m long), refer to the typical layout plan, drawing number: 13847-PL-XTP-52-0001;
- Provision of all temporary works;





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ISO 45001:2018

- Weld on a 11¼° over-bend fitting to each end of the HDD pipe-string;



- Weld on one full length of straight pipe to the over-bend to reach the interface location with P4,



refer to Section 7;

- Clearance and removal of mud lagoons from sites;
- General clean-up of sites;





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- De-mobilization.
- The Package P4 CONTRACTOR will be responsible for locating and marking the existing 24" pipeline on the ground and setting out the proposed pipeline route to a minimum offset distance of 20m. The Package P4 CONTRACTOR shall also be responsible for the reinstatement of the land at HDD sites after the P2 CONTRACTOR has cleared and removed all remnants of the mud lagoon and generally cleaned up the sites, as per items 6.3.1 and 6.3.m above.





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ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.062.18/1388

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Salda River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Salda River
2. Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,

Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nabor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.061.18.1387

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Langalia River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Langalia River
2. Deemed Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,

Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Ngor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.060.18.1386

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Safai River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Safai River
2. Deemed Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours

Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : ৪ প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nogor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.059.18, 1385

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Tonki-2 River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Tonki-2 River
2. Deemed Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,

Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nogar Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.058.18.1384

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Tonki-1 River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

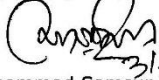
Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Tonki-1
2. Deemed Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,


31.12.18

Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nogor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.057.18.1383

Date: 31 December 2018

Punj Lloyd Ltd & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Subject: Taking Over Certificate (Section- Bongsi River)

Contract: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

Contract No. 28.14.0000.172.30.029.16, Dated 14 June 2017

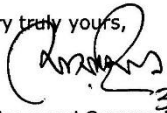
Pursuant to GC Clause 10 (Employer's Taking Over) of the General Conditions of the Contract entered into between yourselves and the Employer dated 14 June 2017, relating to the Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (Package-2), and reference to your letters (i) ref. PLL/PROJ/GTCL/DN/124, dated 16-08-2018; & (ii) ref. PLL/PROJ/GTCL/DN/146, dated 08-12-2018, we hereby notify you that the following section was completed on the date specified below, and that, in accordance with the terms of the Contract, the Employer is hereby issuing 'Taking Over Certificate' upon request of you with effect and subject to fully comply with the outstanding items/works specified in the Punch list as attached herewith.

1. Description of the Works: Horizontal Directional Drilling and Pipeline Installation at Six River Crossings on Proposed 30" Dhanua to Elenga for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project.

1. Name of the Section: Bongsi River
2. Deemed Date of Completion: 04-06-2018

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,


31.12.18
Mohammad Samsur Rahman
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nogor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Japan International Cooperation Agency

JICA/LO- 927/2017
10 July 2017

Mr. Md. Atiquzzaman
Managing Director,
Gas Transmission Company Limited (GTCL)

**Subject: BD-P78: NATURAL GAS EFFICIENCY PROJECT
NOTICE REGARDING THE CONTRACT FOR THE HORIZONTAL
DIRECTIONAL DRILLING AND PIPELINE INSTALLATION AT
SIX RIVER CROSSINGS ON PROPOSED 30" DHANUA TO
ELENGA PIPELINE FOR DHANUA-ELENGA AND WEST BANK
OF BANGABANDHU BRIDGE-NALKA GAS TRANSMISSION
PIPELINE (PACKAGE 2) UNDER GTCL**

Your reference: 28.14.0000.172.17.057.16/870, dated June 22, 2017

Dear Mr. Md. Atiquzzaman

In accordance with the relevant provision(s) of Loan Agreement No BD-P78, dated 16 June 2014 between JAPAN INTERNATIONAL COOPERATION AGENCY and THE GOVERNMENT OF THE PEOPLE'S REPUBLIC OF BANGLADESH, we hereby inform you that we have "no objection" to the contract.

Our concurrence number and concurred amounts are as follows:

Name of Contractor	Contract No. and Date	JICA Concurrence		Concurred Amount
		No.	Date	
Punj Lloyd Ltd. and Pipeliners Ltd. Consortium, India-Bangladesh	28.14.0000.172.30, 029.16 Dated: June 14, 2017	BD-P78/C-009	July 06, 2017	USD 1,403,205.00 and BDT 60,357,603.70

Yours Sincerely,

Taku Yamabe
Senior Representative
JICA Bangladesh Office

Copy to:

1. Secretary, Energy and Mineral Resource Division
2. Additional Secretary (Japan Branch), ERD
3. Chairman, Petrobangla
4. PD, NGEP (BD-P78), GTCL



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ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.030.16/766

Date: 16 March 2017

Punj Lloyd Ltd. & Pipeliners Ltd. Consortium
Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Attention: Mr. Amitava Paul, Assistant Vice President of Punj Lloyd Limited, India.

Subject: Horizontal Directional Drilling and Pipeline Installation at six river crossings
(Package-2) for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka
Gas Transmission Pipeline Project (BD-P78:Natural Gas Efficiency Project)
IFB No: GTCL(Project)/D-N/HDD/002

Dear Sir,

With reference to the Notification of Award (NoA) issued on 15 March 2017, you are requested to attend a Pre-contract Negotiation Meeting to be held on 22 March 2017 at GTCL Head Office and to submit the Performance Security.

Although you have an option to submit the PG within 28 days from the date of receipt of NoA, but considering the urgency of the commencement of 6 HDD River Crossing works, you are requested to submit the PG prior to Pre-contract Negotiation Meeting.

Thank you,

Sincerely yours

(Engr. Md. Abul Kalam Azad)

Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)
Cell: +880-1713012795
E-mail: gtclndp@gmail.com

প্রধান কার্যালয় : প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nagor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref. No.: 28.14.0000.172.30.029.16/764

Date: 15 March 2017

Punj Lloyd Ltd. & Pipeliners Ltd. Consortium

Navana Tower, Floor-12, Block-E
45, Gulshan Avenue, Circle-1
Dhaka-1212.

Attention: Mr. Amitava Paul, Assistant Vice President of Punj Lloyd Limited, India.

Subject: Notification of Award (NoA) for Horizontal Directional Drilling and Pipeline Installation at six river crossings (Package-2) for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (BD-P78:Natural Gas Efficiency Project)
IFB No: GTCL(Project)/D-N/HDD/002

Dear Sir,

Pursuant to Clause 42 of Instructions to Bidders (ITB) of the Bidding Document this is to notify you that your Bid submitted on 10 October 2016 for Horizontal Directional Drilling and Pipeline Installation at six river crossings for Dhanua-Elenga and West Bank of Bangabandhu Bridge-Nalka Gas Transmission Pipeline Project (BD-P78:Natural Gas Efficiency Project) has been approved by the management of Gas Transmission Company Limited (GTCL). We therefore, intend to sign the Contract with you for the above work at quoted price of USD 1,403,205.00 (United States Dollar one million four hundred three thousand and two hundred five) and BDT 8,74,20,000.00 (Bangladesh Taka eight crore seventy four lakh twenty thousand) only.

Pursuant to Clause 44 of ITB and Particular Conditions of Contract (PC) Clause 4.2 of the Bidding Document, you are now requested to furnish 10% (ten percent) of Contract Price as Performance Security amounting to USD 140,320.50 (United States Dollar one hundred forty thousand three hundred twenty and Cents fifty) and BDT 87,42,000.00 (Bangladesh Taka eighty seven lakh forty two thousand) within twenty eight (28) days from the date of receipt of this Notification of Award (NoA) positively in the form of Bank Guarantee as per the Performance Security Form included in Section IX: Contract Forms of the Bidding Document. The Bank Guarantee must be issued from a Schedule Bank of Bangladesh. Upon your acceptance of this Notification of Award (NoA), it shall constitute a binding contract until a formal contract is executed in accordance with the provision of ITB Clause 42 of the Bidding Document.

You are also requested to constitute the JV agreement indicating lead partner legally before pre-contract negotiation meeting so that it can be included in the draft contract agreement.

Please confirm your acceptance of this Notification of Award (NoA) in writing by signing the hard copy and return within 7 (Seven) days of issuance of NoA.

Thank You,

Sincerely yours


(Engr. Md. Abul Kalam Azad)
Project Director
Dhanua-Elenga and West Bank of Bangabandhu
Bridge-Nalka Gas Transmission Pipeline Project
(BD-P78: Natural Gas Efficiency Project)
Cell: +880-1713012795
E-mail: gtclndp@gmail.com

প্রধান কার্যালয় : ৪ প্লট নং-এফ-১৮/এ, শের-ই-বাংলা নগর প্রশাসনিক এলাকা, আগারগাঁও, ঢাকা-১২০৭।
Head Office : Plot No. F-18/A, Sher-E-Bangla Nagor Administrative Area, Agargaon, Dhaka-1207



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref No. 28.14.0000.823.01.010.18/259

Dated: 10 February 2019

COMPLETION CERTIFICATE

Contract: Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chittagong district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) basis.
Contract No: 28.14.0000.823.01.010.18.152

To
Punj Lloyd Ltd. & Pipeliners Ltd. Consortium,
Punj Lloyd, House 17-18, Nehru Place
New Delhi-110019, India

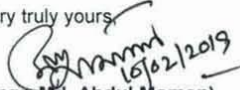
Dear Sir,
Pursuant to GCC Clause 24 (Completion of the Facilities) of the General Conditions of the Contract entered into between yourselves and the Employer dated 29.08.2018 relating to the *Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chittagong district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) basis*, we hereby notify you that the following part(s) of the Facilities was (were) complete on the date specified below, and that, in accordance with the terms of the Contract, the Employer hereby takes over the said part(s) of the Facilities, together with the responsibility for care and custody and the risk of loss thereof on the date mentioned below.

1. Description of the Facilities or part thereof: Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chittagong district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) basis
2. Date of Completion: 11.01.2019

However, you are required to complete the outstanding items listed in the attachment (Annex-1) hereto as soon as practicable.

This letter does not relieve you of your obligation to complete the execution of the Facilities in accordance with the Contract nor of your obligations during the Defect Liability Period.

Very truly yours,


(Engr. Md. Abdul Momen)

Head of Project Cell
Construction of Gas pipeline for Mirsarai Economic Zone
and KGDCL Gas Distribution Network Upgradation Project
E-mail: gtcl.mez@gmail.com

Enclosure: As per above description



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Contract Agreement

THIS AGREEMENT is made the 29th day of the month August of the year of Two Thousand and Eighteen (2018).

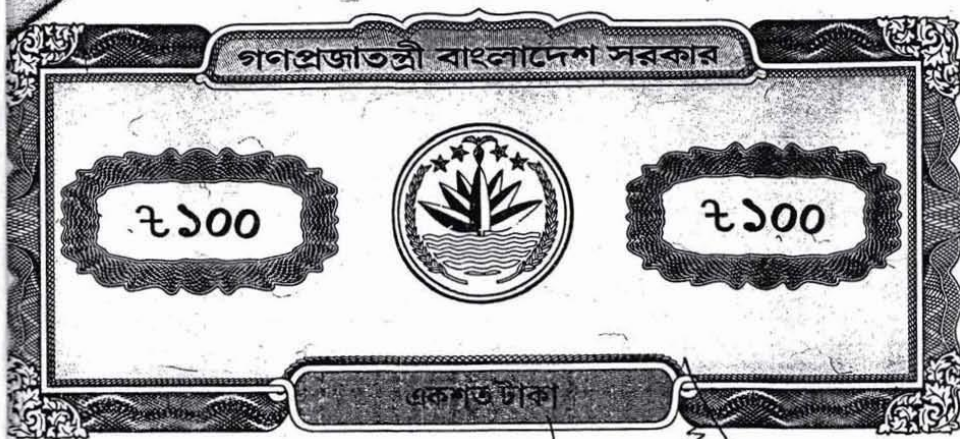
BETWEEN

(1) Gas Transmission Company Limited (GTCL) (a company of Petrobangla), a company incorporated under the laws of The People's Republic of Bangladesh and having its principal place of business at Head Office Building, Plot No: F-18/A, Sher-e-Bangla Nagar Administrative Area, Agargaon, Dhaka-1207, Bangladesh. (hereinafter called "the Employer"), and (2) Punj Lloyd Limited & Pipeliners Ltd. Consortium, a corporation incorporated under the laws of India and having its registered office at Punj Lloyd House, 17-18 Nehru Place, New Delhi 110019, India. (hereinafter called "the Contractor")

WHEREAS the Employer desires to engage the Contractor to Design, Manufacture, Test, Deliver, Install, Complete and Commission certain Facilities, viz Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chattogram district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) Basis ("the Facilities") and the Contractor have agreed to such engagement upon and subject to the terms and conditions hereinafter appearing.

Cont. Page # 02

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”



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NOW IT IS HEREBY AGREED as follows:

**Article 1
Contract
Documents**

1.1 Contract Documents (Reference GCC Clause 2)

The following documents shall constitute the Contract between the Employer and the Contractor, and each shall be read and construed as an integral part of the Contract:

- This Contract Agreement and the Appendixes hereto;
- Letter of Bid and Price Schedules submitted by the Contractor;
- Special Conditions of Contract;
- List of Eligible Countries that was specified in Section 5 of the Bidding Document;
- General Conditions of Contract;
- Specifications;
- Drawings;
- Other completed Bidding Forms submitted with the Letter of Bid;
- Any other documents forming part of the Employer's Requirements; and
- Any other documents shall be added here.

1.2 Order of Precedence (Reference GCC Clause 2)

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

1.3 Definitions (Reference GCC Clause 1)

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the General Conditions.

Cont. Page # 03

“দেশপ্রেমের শপথ দিন, দুর্নীতিকে বিদায় দিন”



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Article 2
Contract Price
and Terms of
Payment

2.1 Contract Price (Reference GCC Clause 11)

The Employer hereby agrees to pay to the Contractor the Contract Price in consideration of the performance by the Contractor of its obligations hereunder. The Contract Price shall be the aggregate of USD 512,500.00 (US Dollar Five Hundred and Twelve Thousand Five Hundred) only as specified in Price Schedule No. 5 (Grand Summary) and BDT 35,000,000.00 (Bangladesh Taka Thirty Five Million) only or such other sums as may be determined in accordance with the terms and conditions of the Contract.

2.2 Terms of Payment (Reference GCC Clause 12)

The terms and procedures of payment according to which the Employer will reimburse the Contractor are given in the Appendix (Terms and Procedures of Payment) hereto.

The Employer shall instruct its bank to issue an irrevocable confirmed documentary credit made available to the Contractor in a bank in the country of the Contractor. The credit shall be for an amount of USD 512,500.00 (US Dollar Five Hundred and Twelve Thousand Five Hundred) only; and shall be subject to the Uniform Customs and Practice for Documentary Credits 1993 Revision, ICC Publication No. 500².

In the event that the amount payable under Schedule No. 1 is adjusted in accordance with GCC 11.2 or with any of the other terms of the Contract, the Employer shall arrange for the documentary credit to be amended accordingly.

²Or Uniform Customs and Practice for Documentary Credits 2007 Revision, ICC Publication No. 600 (or the latest version).

Article 3
Effective Date

3.1 Effective Date (Reference GCC Clause 1)

The Effective Date upon which the period until the Time for Completion of the Facilities shall be counted from is the date when all of the following conditions have been fulfilled:

- (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor;

স্বাক্ষরের শপথ দিন, দুর্নীতিকে বিদায় দিন Cont. Page # 4



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- (b) The Contractor has submitted to the Employer the performance security;
- (c) The Employer has paid the Contractor the advance payment; and
- (d) The Contractor has been advised that the documentary credit referred to in Article 2.2 above has been issued in its favor.

Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable.

- 3.2 If the conditions listed under 3.1 are not fulfilled within 2 months from the date of this Contract notification because of reasons not attributable to the Contractor, the parties shall discuss and agree on an equitable adjustment to the Contract Price and the Time for Completion and/or other relevant conditions of the Contract:

Article 4 Communications

- 4.1 The address of the Employer for notice purposes, pursuant to GCC 4.1 is:

Gas Transmission Company Limited (GTCL)
Head Office Building, Plot No: F-18/A
Sher-e-Bangla Nagar Administrative Area
Agargaon, Dhaka-1207, Bangladesh.

- 4.2 The address of the Contractor for notice purposes, pursuant to GCC 4.1 is:

Punj Lloyd Limited & Pipeliners Ltd. Consortium
Punj Lloyd House, 17-18 Nehru Place
New Delhi 110 019, India.

Article 5 Appendices

- 5.1 The Appendices listed in the attached List of Appendices shall be deemed to form an integral part of this Contract Agreement.
- 5.2 Reference in the Contract to any Appendix shall mean the Appendices attached hereto, and the Contract shall be read and construed accordingly.

Cont. Page # 5

“দেশপ্রেমের শপথ নিল, দুর্নীতিকে বিদায় দিন”



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IN WITNESS WHEREOF the Employer and the Contractor have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

For the Employer
Signature of the Employer's
authorised Representative

Name : Bijit Kumar Sarkar
General Manager / Company Secretary
Gas Transmission Company Limited
Dhaka.

Designation : *[Signature]*

Witness

1. Kazi Hassan Masud
Dy. General Manager (Board)
Gas Transmission Company Ltd.

2. *[Signature]*
(Engr. Md. Abdul Momen)
DGM & Head of Project Cell
MEZ Pipeline Project Cell
Gas Transmission Company Ltd.

For the Contractor
Signature of the Contractor's
authorised Representative

Name : AMITAVA PAUL
Designation : AVP

Designation : *[Signature]*

Witness

1. *[Signature]*
Ashrafy M. M.
Gulshan, Chakraborty
Nava & Tanya

2. *[Signature]*
Koma
Pyinder / Koma



APPENDIXES

- Appendix 1 - Terms and Procedures of Payment
- Appendix 2 - Price Adjustment
- Appendix 3 - Insurance Requirements
- Appendix 4 - Time Schedule
- Appendix 5 - List of Major Items of Plant and Services and List of Approved Subcontractors
- Appendix 6 - Scope of Works and Supply by the Employer
- Appendix 7 - List of Documents for Approval or Review
- Appendix 8 - Functional Guarantees

“দেশপ্রেমের অপথ বিন, দুর্নীতিকে বিদায় দিন”



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)

(পেট্রোবাংলার একটি কোম্পানী)

GAS TRANSMISSION COMPANY LTD. (GTCL)

(A Company of Petrobangla)

Contract No.: 28.14.0000.823.01.010.18. **152**

Date: 26 June 2018

Notification of Award

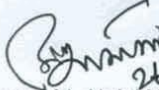
Letter of Acceptance

Punj Lloyd Ltd. & Pipeliners Ltd. Consortium
Punj Lloyd, House 17-18, Nehru Place
New Delhi-110019, India.

Subject: Notification of Award (NoA) against Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chittagong district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) basis. (IFB No. 28.14.0000.823.01.010.18.90 dated 16 February 2018)

This is to notify you that your Bid dated 05 April 2018 for execution of the Installation of 16" OD high pressure natural gas transmission pipeline by Horizontal Directional Drilling (HDD) method across the Shikalbaha Khal at Patia under Chittagong district, on Design, Procurement, Supply, Installation, Testing, Commissioning (Turn-key/EPC) basis (IFB No. 28.14.0000.823.01.010.18.90 dated 16 February 2018) for the Contract Price in the aggregate of **USD 512,500.00** (US Dollar Five hundred and Twelve thousand five hundred only) and **BDT 35,000,000.00** (Bangladesh Taka thirty five Million only), as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are requested to furnish the Performance Security within 28 days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms included in Section 9 (Contract Forms) of the Bidding Document.


(Engr. Md. Abdul Momen)
26.06.2018

Head of Project Cell
Construction of Gas Pipeline for Mirsarai Economic Zone
and KGDCL Gas Distribution Network Upgradation Project
Cell Gas Transmission Company Limited

Attachment: Contract Agreement.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 2007

Installation of Gas Transmission Pipeline across the Turug River by HDD Method.

Installation of Gas Transmission Pipeline 20" OD x 300 meter long across river bed of Turug River at 3 (three) locations in between Boro Ashulia, Aminbazar by HDD Method including design, engineering and decision of GTCL's Engineer-in-Charges under Construction of 20" Od 60km High Pressure (1000 Psig) Gas Transmission Pipeline from Dhanua (Gazipur) to Aminbazar (Savar) ADB Financed International Project for Dhaka Clean Fuel Project, GTCL Part.



The Project was included design, engineering of HDD crossing of Turug river at 3 (three) locations at Ashulia 20" OD x 270 meter, Uttara 20" OD x 370 meter & Choto Kakoria 20" OD x 270 meter in between Boro Ashulia, Aminbazar.

The project was also included procurement & supply of all HDD river crossing related materials, consumable items for this HDD river crossing.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing,



welding, and radiography on each welding joint, hydrostatic testing before pull back of line pipes and post hydrostatic testing after successfully pull back of line pipes





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref: GTC/DCF/CONS/10.85/548(B)

Date: 01-04-2008

TO WHOM IT MAY CONCERN

This is to certify that M/s **DQE-PIPE BUSINESS JOINT VENTURE**, Navana Tower, Floor 12, Block-E, 45 Gulshan Avenue, Circle-1, Dhaka-1212 has completed the Construction of 20" OD 60km High Pressure (1000 psig) Gas Transmission Pipeline from Dhanua (Gazipur) to Aminbazar (Savar), Contract No. GTCL/DCF/PM/CONS/009 DATED 22.12.2005 in association with the following companies under a Joint Venture Partnership wherein DQE International, China is the lead partner. The constructed Dhanua-Ashulia section (48 km) and Ashulia-Aminbazar Section (12 km) of pipeline has been in operation since 16.07.2006 & 04.04.2007 respectively. The percentage of shares held by the Partner-in-Charge and other Partners as per the relevant deed of Joint Venture Partnership Agreement were as follows:

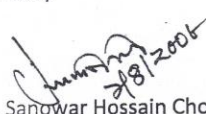
Sl. No.	Name of the Joint venture Partners	% of share held
1.	DQE International , No. 2 Xiliu Street, Ranghulu District, Daqing City, Heilongjiang Province, China	51%
2.	Pipeliners Limited 144 Shantinagar Road, Dhaka-1217, Bangladesh	24.5%
3.	Businessking Limited 144 Shantinagar Road, Dhaka-1217, Bangladesh	24.5%

The total pipeline length is 20" OD x 60Km x 1000 psig and work included HDD river crossing at 3 location of Turag river at Ashulia 20" OD x 270 meter, Uttara 20" OD x 370 meter & Choto Kakoria 20" OD x 270 meter; fabrication & installation 20" off-take on 24" OD BB pipeline by adopting Hot-Tapping method at Dhanua; fabrication & installation 20" off-take at Kodda Gazipur; fabrication & installation 6" off-take at Mirzapur; fabrication & installation 12" off-take at Ashulia; fabrication & installation of temporary regulating and metering station at Ashulia; construction of anchor flange at Dhanua and Aminbazar; fabrication & installation of scraper station; fabrication & installation of valve station; fabrication & installation of off-take valve station; Cased Rail & Road Crossing, Canal & Pond crossing and Non-destructive Testing, Temporary CP system and hydrostatic testing.

The total contract value was US\$3,237,155.66 (US Dollar three million two hundred thirty seven thousand one hundred fifty five and sixty six cent plus BDT 38,595,373.00 (Bangladesh Taka three crore eighty five lac ninety five thousand three hundred seventy three only).

Thanking you

Yours truly


Engr. Sanowar Hossain Chowdhury
Project Manager (General Manager)
Dhaka Clean Fuel Project (Part-A)
Gas Transmission Company Ltd.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 2006-7

Installation of Gas Transmission Pipeline across the Sikalbaha Khal by HDD Method.

Construction 20 OD x 450 meter long High Pressure Natural Gas Pipeline by Horizontal Directional Drilling Method across Sikalbaha Khal, Chittagong

The Project was included design, engineering of HDD crossing of Sikalbaha Khal Crossing.

The project was also included procurement & supply of line pipes, valve, bend, heat shrink sleeve & pipe line fittings and all HDD river crossing related materials, consumable items for this HDD river crossing.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing, welding, and



radiography on each welding joint, hydrostatic testing before pull back of line pipes and post hydrostatic testing after successfully pull back of line pipes.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



বাখরাবাদ গ্যাস সিস্টেমস্ লিমিটেড
(পেট্রোবাংলার একটি কোম্পানী)
BAKHRABAD GAS SYSTEMS LTD.
(A Company of Petrobangla)

যৌতুক একটি সামাজিক অভিযাপ

No.BGSL/Transmission/CTG-Zone/007/ 2043

Dated: 09-11-2006.

TAKING OVER CERTIFICATE

Name of the Works : Construction of 20"OD High Pressure Gas Pipeline by Horizontal Directional Drilling(HDD) Method across Sikhalbaha Khal at Chittagong.

Name of the Contractor : M/s.Consortium Harisons A&L and Pipeliner, 144, Shantinagar, Dhaka, Bangladesh.

Contract No. : BGSL/Transmission/CTG-Zone/007 dated-06-09-2006

It is hereby certified that the construction of 20" OD High Pressure Gas Pipeline against the above mentioned work was completed on 03-10-2006. The line was tested on 04-10-2006 and taken over on 21-10-2006.


(Shaiful Alam Chowdhury)
General Manager(Operation)

Head Office: Chapapur, P.O. Box No. 97, Comilla, Bangladesh. ● Tel: 081-65791-95 ● Fax: 880-81-77199
● E-mail : bgslo@citechco.net. bgslo@citechco.net. website : www.bgsl.org.bd.
Chittagong Office : 137/A, CDA Avenue, Sholashahar, Chittagong. ● Tel: 031-655974-7, 031-656089, 031-655797, 031-655798 ● Fax: 088-031-656075



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 2005

Installation of Gas Transmission Pipeline across the River by HDD Method.

CONSTRUCTION OF 30" OD (762MM) 28.5 KM. GAS TRANSMISSION LOOP LINE FROM RASHIDPUR (MUCHAI) TO HABIGANJ (MANIFOLD STATION) INCLUDING 450 METER WIDE KHOWAI RIVER CROSSING BY HDD METHOD.

Installation of 30" OD x 450 meter Gas Transmission Pipeline under river bed of Khowai River Crossing by HDD Method including design, engineering and decision of GTCL's Engineer-in-Charges.

The Project was included design, engineering of HDD river crossing of Khowai River at Sylhet.

The project was also included procurement & supply of all HDD river crossing related materials, consumable items for this HDD river crossing.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain



- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before pull back of line pipes and post hydrostatic testing after successfully pull back of line pipes.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



গ্যাস ট্রান্সমিশন কোম্পানী লিমিটেড (জিটিসিএল)
(পেট্রোবাংলার একটি কোম্পানী)
GAS TRANSMISSION COMPANY LTD. (GTCL)
(A Company of Petrobangla)

Ref: GTC/R-A/PM/1871

Date: 02.04.2005

To
Pipeliners Limited
144 Shantinagar Road
Dhaka – 1217
Bangladesh

Ref: Construction of Gas Transmission Pipeline from Rashidpur Manifold Station (Muchai) to Habiganj Manifold Station (Shahajibazar) (28 KM) Long 30" OD High Pressure Gas Transmission Pipeline, Contract No. GTC/R-H(PM)/PL/001 dated 04.03.2004.

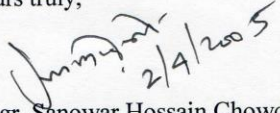
Subject : Project Acceptance Certificate

Dear Sir,
In Pursuance to clause 12 captioned " Acceptance and issuance of Certificate" under General Conditions of the Contract, we hereby issue this Project Acceptance certificate and also confirm that the constructed pipeline has been in operation since 2nd March 2005. The Project works include following:

1	Construction of natural Gas Transmission pipeline from Rashidpur to Habiganj	30"OD x 28Km
2	Construction of Pipeline crossing of the Khowai River by Horizontal Directional drilling Method	30"OD x 400 meters
3	Construction of Manifold Stations at Rashidpur and Habiganj	30" OD x 2 nos
4	Construction of Main Line Valve Stations at Saistaganj and Khowai East Bank	30" OD x 2 nos
5	Construction of Civil Construction works consisting of 712 Sq.M floor area for the said project.	1 no

Thanking you,

Yours truly,


(Engr. Sanowar Hossain Chowdhury)
Project Manager
Habiganj-Ashuganj Loop Line Project.

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

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2.2) All correspondence made between the Parties to the Contract during the period of Bid submission and signing of the Contract including letter of Intent :

GTCL letter reference: GTC/R-H(PM)/PL/001/LOI/1702 dated 16.02.2004, GTC/R-H(PM)/PL/001/1715 dated 23.02.2004 & GTC/R-H(PM)/PL/001/1723 dated 01.03.2004 and Contractor's letter reference : PL/GTCL/R-H/2004 dated 22.02.2004, PL/GTCL/R-H/2004/04 dated 28.02.2004, PL/GTCL/R-A/2004/06 dated 01.03.2004 & PL/GTCL/R-H/2004/07 dated 02.03.2004.

2.3) Conditions of Contract

2.4) Scope of works

2.5) The Specification

2.6) Price Schedule of Rates and Prices.

2.7) The Drawings.

2.8) Soil Test Report.

2.9) Bid Document Ref. no. GTC/R-H (PM)/PL/001

3. In consideration of the payments to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to construct and complete the works in conformity in all respects within the provisions of the Contract.

4. The Contractor at his own cost and expenses shall do all work and provide all labour materials tools, supplies, machinery, equipment and plant that may be necessary for the Construction of the work.

5. The Company hereby covenants to pay the Contractor in consideration of the Construction of the work the Contract price at the time and in the manner prescribed in the Contract.

6. The maintenance of a proportionate rate of progress in the work which will result in its completion within the specified time is an essential feature of this Contract and the Contractor agrees to proceed with all due diligence and care at all times to take all precautions to ensure the time of completion as defined herein, time being deemed to be the essence of the Contract on the part of the Contractor. The Contractor shall start the said work immediately upon signing of this Contract and complete the project in its entirety to the full satisfaction of the Company within 30th June 2004.

2 of 3



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



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CONTRACT AGREEMENT

Name of Project : **Rashidpur-Ashuganj Gas Transmission Loopline Project (Rashidpur-Habiganj Part).**

Contract Number : GTC/R-H(PM)/PL/001

Contract for : Construction of Gas Transmission Pipeline From Rashidpur Manifold Station (Muchai) to Habiganj Manifold Station (Shahajibazar).

This Agreement, made and entered into on the 4th day of March, 2004 by and between :

Gas Transmission Company Ltd. (A Company of Petrobangla) organized and existing under the laws of Bangladesh (hereinafter called the Company) and having its Registered Office at House No. 1, Road No. 12, Sector-3, Uttara model Town, Dhaka-1230, Bangladesh of the **ONE PART.**

AND

Pipeliners Limited having its Principal Office at: 144 Shantinagar Road, Dhaka-1217 (hereinafter called the Contractor) which expression shall include the successors assigns of the said Firm/Company, heirs, executors, administrator and assigns of the partners/directors of the said Firm/Company of the **OTHER PART**

WHEREAS the Company is desirous that the work of the above mentioned project should be satisfactorily completed in the sum of Tk.20,72,53,362.70 (Taka twenty crore seventy two lakh fifty three thousand three hundred sixty two and seventy paisa only)

AND

WHEREAS the Company has accepted the bid of the Contractor for the aforesaid purpose.

AND

NOW THEREFORE THIS AGREEMENT WITNESSETH AS FOLLOWS :

1. In this agreement words and expressions shall have the same meaning as are respectively assigned to them in the General Conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this agreement and the **priority** of the documents shall be as follows :

2.1) The **minutes** of the meeting held on **04.03.2004**.



7. It is agreed by the parties hereto that this Contract shall be executed in triplicate, two copies to be retained in the office of the Company and one copy to be given to the Contractor.
8. This agreement may be terminated by the Company on reasonable grounds as per provision of the Contract.
9. This Agreement will be governed under the laws of Bangladesh.
10. The work shall commence upon signing of the Contract.
11. The vetting of the Contract Document from National Board of Revenue (NBR) will be obtained later on and in which case the decision of the NBR will be binding to the Parties of the Contract.

In this witness whereof the parties put their respective signatures and seal/stamp on this day, month and year first mentioned above.

WITNESS

Signature : *[Signature]*

Name : *Ashfaqur Ahmed Khan*

Address : *H. No. 46, Rd. 29, Gulshan
Shaka.*

CONTRACTOR

Signature of Contractor's
authorized Representative : *[Signature]*

Name : *SHAFIUR RAHAMAN*

Address : *144, Shantinagar,
Shaka.*

Seal/Stamp



WITNESS:

Signature : *[Signature]* *11/04/2019*

Name : *Engr. Sarwar Hossain Chowdhury*
Project Manager R-A Project

COMPANY :

Signature of Company's
authorized Representative : *[Signature]*

Name : *(Mohd. Eunos Mien)*
Company Secretary
Gas Transmission Co. Ltd.
Uttara, Dhaka.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major River Crossing by HDD Method Gas Transmission Pipeline 1985

Installation of Gas Transmission Pipeline across the River by Open-Cut Method.

Construction of 20" dia 5270ft natural gas pipeline crossing under the river bed of Karnaphuli river at Kalurghat, Chittagong 2200 psig) by open cut method on Turnkey basis under Bakhraabad Gas Systems Ltd.



- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land



The Project was included design, engineering of HDD crossing of Karnaphuli river Crossing. The project was also included procurement & supply of line pipes, valve, bend, heat shrink sleeve & pipe line fittings and all river crossing related materials, consumable items for this HDD river crossing.



development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before laying of line pipe under river bed and post hydrostatic testing laying of line pipe under river bed of Karnaphuli river crossing



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Ongoing Gas Transmission Pipeline Project of Pipeliners Limited



Major Ongoing Gas Transmission Pipeline Project -2019

Construction of 16 inch dia 350 psig 1.80 Km long gas pipeline with related civil works for B-R Powergen Limited Mirsarai Chattogram

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparing, clearing and grading of Right-of-Way (RoW), development of ROW and works site, carrying, hauling and stringing of pipes Carrying & Hauling of Pipes from KGDCL's depot/store yard at Fouzdarhat, Chittagong to a place of Contractor's pipe Yard and Transportation & storage of Induction Bends, Valves, Tapes, Primer and Other Pipeline Materials & Miscellaneous Fittings from KGDCL's depot/store yard at Fouzdarhat, Chittagong
- Welding of pipes, coating, painting, inspection, digging the trench, lowering the pipes, installing valves, pig launcher and receiver stations and special fittings, crossing of creek, khal, canal, pond etc., backfilling of trench, cleaning & gauging, hydrostatic testing, dewatering & drying and clean up & reinstatement of Row as per specification and drawing.
- Highway/Railway/Metal road crossing by thrust/augur boring method using casing and other crossing conduits, cables, utilities and other facilities.
- Un-metal road crossing by open cut method without casing.
- The creek/khal/canal/pond by open cut method complete in all respect.
- Fabrication of field bends, if required, for continuous pipeline construction (pipes to be supplied by the Employer) subject to approval of Engineer.
- Fabrication and installation of concrete Set-on-Weight (SOW) for buoyancy control.
- Off-Take Station Fabrication and installation of NPS 16" OD Main Line Off-Take Station inside/near power station
- Tie-In/Hook-Up Works: 1. 16" OD Inlet at MEZ DRS-2 2. 16" OD Inlet at BR Powergen Ltd.
- Supply of construction materials 2 nos. x 406 mm (16") OD 8D Bends (30 degree); 2 nos. x 406 mm (16") OD 8D Bends (22.5 degree); 2 nos. x 406 mm (16") OD 8D Bends (15 degree); 2 nos. x ANSI Class 300 2 inch RF Flanged end (W/F) Ball Valve; 64 nos. x 1"x 5-1/4" Stud bolts with nut; 7 nos. x 16"x 90 degree LR Elbow; 8 nos. x 16"x 45 degree LR Elbow; 6 nos. x 16"x 1" (sch-40) Weld-O-Let; 2 nos. x 16"x 2" (sch-40) Weld-O-Let
- All construction works including destructive & non-destructive testing of welds.
- Fabricate and install temporary test head viz-a-viz temporary pig launcher and or temporary pig receiver including all sorts of mechanical erection etc. complete in all respect including supply of all materials and fittings i.e. WNRF Flange, Blind Flange, Gasket, Valves, Stud Bolts & Nuts, Pressure Gauge, Temperature Gauge etc. as per direction of the Project Director or his authorized representatives. The temporary pig receiver shall be removed by the contractor at his own cost after completion of hydrostatic test and pigging operations.
- Internal cleaning, gauging, magnetic pigging, hydrostatic testing, dewatering, drying and end capping etc. (Using appropriate pigs as per Specifications) complete in all respect Contractor has to supply required no of pigs and end caps in accordance with approved procedure.
- Commissioning after successful completion of the Cleaning, Gauging Hydrostatic Testing, Dewatering, Drying, Pigging etc. commissioning shall be completed in all respects, of around 1.8 km i.e. for the entire pipeline by Natural Gas (provided by the Employer).
- The pipeline shall have a minimum cover of 1.22 meter from the top of pipeline surface. The minimum cover in creek/khal/canal/pond as per technical specification.
- Fabrication and installation of route marker and aerial post, warning sign, identification sign etc.
- Environmental Management Plan and submission of mitigation report.
- Remedying of defects during the defects liability period.
- Supply of Employer facilities.
- Preparation and supply of As-Built Drawings, Radiographic Films including weld book and interpretation sheets in the form of bounded dossiers, Materials Balance Sheet and return of all unused and scrap materials to Employer.
- Supply of all consumable such as welding electrodes, paints, POL, skids, water, electricity, Nitrogen etc.
- Civil/electrical works consist of (but not limited to) the following components:



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Land development by Sand filling to achieve dry density of 90% with optimum moisture content (Modified proctor test) - As per site requirement
- Control Building: Control building shall be 2-storied considering 3 storied pile foundations. Supply of 1 no. 3 ton AC with inverter technology (General/Samsung or equivalent) - Building size: Minimum 28' x 22'
- Overhead water tank for the control building, septic tank and sewer system for the Buildings including water supply facilities - O/H Plastic water tank: 2000 Liter (Gazi or equivalent)
- 3" dia Deep tubewell with submersible pump
- RCC Walkways inside CMS area - As per site requirement
- Surface Drain for CMS area through inside the boundary wall - As per site requirement
- Boundary wall (retaining wall, if necessary) with wire net fencing for the whole CMS area with necessary gates - As per site requirement
- Necessary Internal electrification works for control building and Area lighting for whole CMS compound - As per site requirement
- The contractor has to be performed detail design with necessary tests on the basis of supplied drawing/requirements and it must be vetted by the CUET. Scope of civil/electrical works is being described at particular specification.
- Clean up and reinstatement of ROW as per specification of the required turfing and re-vegetation complete in all respect as per instruction of Project Director or his authorized representatives



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ISO 45001:2018

Major Ongoing Gas Transmission Pipeline Project -2017-20

CONSTRUCTION OF 67 KM LONG 762 MM (30 INCH) DN X 1000 PSIG HIGH PRESSURE NATURAL GAS TRANSMISSION PIPELINE FOR DHANUA-ELENGA AND WEST BANK OF BANGABANDHU BRIDGE-NALKA GAS TRANSMISSION PIPELINE PROJECT UNDER THE LOAN AGREEMENT NO: NATURAL GAS EFFICIENCY PROJECT (BD-P78) WITH JICA

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW) use of right-of-way for much of the transportation of plant, supply of equipment and materials. Transportation of 3LPE & 3PLE with CWC coating line pipes & other materials from ware house GTCL



River

- Fabrication & Installation MLV-1 (Kachina) Valuka & MLV-2 (Shalgrampur) Sokhipur, D-E Section and MLV-1 (Sodanandapur) Sirajganj, WB-N Section
- Fabrication & Erection of Existing Elenga Metering and Manifold Station Existing West Bank of Bangabandhu Bridge Manifold Station
- Fabrication & Installation of Pig Launcher & Receiver Joydevpur CGS
- Fabrication & Installation of Set-on-Weight
- Fabrication & Installation of Arial Marker Post along Right of Way.
- Depressurize existing 30" pipeline from East Bank Station, supply and purge with nitrogen ahead of Tie In to existing 30" blind flange within a new reinforced concrete open top pit
- Cleaning, Calliper run, Hydrotests including provision of temporary test heads and clean water supply. All materials to be provided by contractor and removed from site on completion



Depots at Ashuganj, Dhanua and Hatikumrul.

- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.
- Road crossings by thrust boring method using casing at Dhanua Mymensingh Highway.
- Katcha/Pucca/Brick soling road/River/Crick /Canal/Ditch crossings by open cut method.
- Tie-in at 10 location at Salda River, Tonki River-1, Tonki River-2, Safai River, Bongsai River, Langalia





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Major Completed Gas Transmission Pipeline Project
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2019

SECTION-B: CONSTRUCTION OF 16" OD GAS TRANSMISSION PIPELINE FROM BOROTAKIA TO MIRSARAI ECONOMIC ZONE INCLUDING HOT TAPPING AT BOROTAKIA UNDER CONSTRUCTION OF GAS PIPELINE FOR MIRSARAI ECONOMIC ZONE AND KGDCL GAS DISTRIBUTION NETWORK UP GRADATION PROJECT.

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparing, Clearing and Grading of Right-of-Way (ROW), development of ROW & Work site, Carrying, Hauling and Stringing of Line Pipes and other materials as per BOQ, Bending and Welding of Line Pipes, Coating & Wrapping, Painting, Inspection, Digging the trench, Lowering the Pipeline, Installing of Valves, Pig Launcher and Pig Receiver stations and special Fittings, crossing of Creeks, Khals, Canals, Ponds etc.,



Backfilling of Trench, Dewatering, Cleaning, Drying, Gauging & Hydrostatic Testing and Clean up & Reinstatement of Row as per Specifications and Drawings.

- Highway/Metal Road crossing using casing by Thrust/Augur boring method and other crossing conduits, cables, utilities and other facilities as per Specifications, Drawings & BOQ.

- Un-metal Road crossing by open cut method without casing as per Specifications, Drawings & BOQ.

- The Creeks/Khals/Canals/Ponds by open cut method complete in all respect as per Specifications, Drawings & BOQ.

- Fabrication of Field Bends, if required, for continuous Pipeline Construction (Pipes to be supplied by the Employer) subject to approval of Project Director or his authorized representatives also as per Specifications, Drawings & BOQ.

- Installation of RCC slab (3.5 inch thickness) on top of Pipe surface during crossings of above ground High Tension Electricity Transmission Cable as per Specifications, Drawings & BOQ.

- Fabrication and Installation of concrete Set-on-Weight (SOW) for Buoyancy Control as per Specifications, Drawings, BOQ & direction by Project Director or his authorized representatives.

- Fabrication and Installation of 2

(two) nos. 10" OD Main Line Off-Take Station, 2 (two) nos. HP DRS-1, HP-DRS-2, 10" OD Main Line Off-



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Take Station at Mirsharai Economic Zone, 1 (one) 20" x 16" Pig Launcher Station at Borotakia, Chittagong, 1 (one) Pig Receiver Station at MEZ CGS,

- Construction of Anchor block over 16-inch Anchor flanges at Borotakia, MEZ CGS and MEZ DRS as per P&ID, Design, Drawings, BOQ & direction by Project Director or his authorized representatives.
- Fabrication and Installation of required nos. of temporary Pig Launcher and Pig Receiver for Dewatering, Cleaning, Drying, Gauging Hydrostatic Testing Purpose as per Design, Drawings and BOQ & direction by Project



Director or his authorized representatives.

- Tie-in/Hook-up 1 nos. x 16" OD for CGS Inlet, 1 nos. x 16" for CGS Outlet, 1 nos. 10" OD for DRS-1, 1 nos. 10" OD for DRS-2 at MEZ CGS as per P&ID, Design, Drawings, BOQ & direction by Project Director or his authorized representatives, which will be constructed by other Pipeline Contractor(s).
- All construction works including Destructive & Non-destructive Testing of Welds as per Specifications.
- The entire Pipeline to be Hydrostatically Tested with Cleaning, Gauging, Pigging and Drying as well as required amount Nitrogen Charging as per Specifications, BOQ & direction by Project Director or his authorized representatives, which will be constructed by other Pipeline Contractor(s) .
- The Pipeline shall have a minimum cover of 1.50 meter from the top of the Pipeline surface. The minimum cover in Creeks/Khals/Canals/Ponds as per Specifications, Drawings & direction by Project Director or his authorized representatives.
- Fabrication and installation of Marker and Areal Posts, Warning Signs, Identification Signs etc. as per Drawings and Specifications
- Pigging and commissioning of 17 kilometer pipeline from Borotakia, Chittagong to Mirsharai Economic Zone as per Specifications & direction by Project Director or his authorized representatives.
- Environmental Management Plan and submission

of mitigation report.

- Remedying of defects during the Defects Liability Period.
- Supply of Employer Facilities.
- Preparation and supply of As Built Drawings demonstrating all sort of Co-ordinates (Longitudes, Latitudes & Elevations) at all Angle Points, Creeks/Khals/Canals/Ponds Crossing Points, Metal/Un-metal Road Crossing Points, Valve Stations, Pig Launcher & Pig Receiver Station etc.), Radiographic Films including Weld Book/Log and Interpretation Sheets in the form of bounded dossiers, Materials Balance Sheet and return of all unused and scrap materials to the Employer.
- Supply of all consumable such as Welding Electrodes, Paints, POL, Skids, Water, Electricity, Nitrogen etc.
- Supply of required nos. of Pipes & Installation Warning Sign & Vent Support for Cased Road Crossings.
- Hot Tapping of NPS 16" with NPS 24" Bakhraabad-Chittagong gas transmission pipeline



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2019

SECTION-A: CONSTRUCTION OF 42" OD X 1100 PSIG GAS TRANSMISSION PIPELINE FROM CTMS AT MAHESHKHALI TO EAST BANK OF MAHESHKHALI CHANNEL (APPROXIMATELY 18.5 KM) UNDER MAHESHKHALI-ANOWARA GAS TRANSMISSION PARALLEL PIPELINE PROJECT.

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparing, Clearing and Grading of Right-of-Way (ROW), development of ROW & Work site, Carrying, Hauling and Stringing of Line Pipes and other materials as per BOQ,



Bending and Welding of Line Pipes, Coating & Wrapping, Painting, Inspection, Digging the trench, Lowering the Pipeline, Installing of Valves, Pig Launcher and Pig Receiver and special Fittings, crossing of Creeks, Khals, Canals, Ponds etc., Backfilling of Trench, Dewatering, Cleaning, Drying, Gauging & Hydrostatic Testing and Clean up & Reinstatement of Row as per Specifications and Drawings.

- Highway/Metal Road crossing using casing by Thrust/Auger boring method and other crossing conduits, cables, utilities and other facilities as per Specifications, Drawings & BOQ.
- Un-metal Road crossing by open cut

method without casing as per Specifications, Drawings & BOQ.

- The Creeks/Khals/Canals/Ponds by open cut method complete in all respect as per Specifications, Drawings & BOQ.
- 1Fabrication of Field Bends, if required, for continuous Pipeline Construction (Pipes to be supplied by the Employer) subject to approval of Project Director or his authorized representatives also as per Specifications, Drawings & BOQ.
- Installation of RCC slab (3.5 inch thickness) on top of Pipe surface during crossings of above ground High Tension Electricity





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Transmission Cable as per Specifications, Drawings & BOQ.
- Fabrication and Installation of concrete Set-on-Weight (SOW) for Buoyancy Control as per Specifications, Drawings, BOQ & direction by Project Director or his authorized representatives.
- Fabrication and Installation of Main Line Valve Station at Uttar Nalbila, Badarkhali,
- Fabrication and installation of one 1066.80 mm OD x 1168.40 mm OD Pig Launcher Station at Maheshkhali CTMS,
- Construction of Anchor block over 42-inch Anchor flanges at Maheshkhali CTMS, Anchor Flanges & Anchor Blocks and Insulating



Joints etc. as per P&ID, Design, Drawings, BOQ & direction by Project Director or his authorized representatives

- Tin-ins works at Maheshkhali-Anowara 30" OD Pipeline, East Side of Maheshkhali Channel Crossing
- Fabrication and Installation of required nos. of temporary Pig Launcher and Pig Receiver for Dewatering, Cleaning, Drying, Gauging Hydrostatic Testing Purpose as per Design, Drawings and BOQ & direction by Project Director or his authorized representatives.
- All construction works including Destructive & Non-destructive Testing of Welds as per

- Specifications.
- The entire Pipeline to be Hydrostatically Tested with Cleaning, Gauging, Pigging and Drying as well as required amount Nitrogen Charging as per Specifications, BOQ & direction by Project Director or his authorized representatives, which will be constructed by other Pipeline Contractor(s) .
- The Pipeline shall have a minimum cover of 1.50 meter from the top of the Pipeline surface. The minimum cover in Creeks/Khals/Canals/Ponds as per Specifications, Drawings & direction by Project Director or his authorized representatives.
- Fabrication and installation of Marker and Areal Posts, Warning Signs, Identification Signs etc. as per Drawings and Specifications





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Pigging and Commissioning of entire 79.0 kilometer pipeline from Cox's bazar to Chittagong as per Specifications & direction by Project Director or his authorized representatives.
- Environmental Management Plan and submission of mitigation report.
- Remedying of defects during the Defects Liability Period.
- (Supply of Employer Facilities.
- Preparation and supply of As Built Drawings demonstrating all sort of Co-ordinates (Longitudes, Latitudes & Elevations) at all Angle Points, Creeks/Khals/Canals/Ponds Crossing Points, Metal/Un-metal Road Crossing Points, Valve Stations, Pig Launcher & Pig



Receiver Station etc.), Radiographic Films including Weld Book/Log and Interpretation Sheets in the form of bounded dossiers, Materials Balance Sheet and return of all unused and scrap materials to the Employer.

- Supply of all consumable such as Welding Electrodes, Paints, POL, Skids, Water, Electricity, Nitrogen etc.
- Supply of required nos. of Pipes & Installation Warning Sign & Vent Support for Cased Road Crossings.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2019

CONSTRUCTION OF 22 KM LONG X 36" OD 1000 PSIG HIGH PRESSURE NATURAL GAS TRANSMISSION PIPELINE FROM KOSBA, FENI SADAR, TO ABUPUR, FENI SADAR, FENI (SECTION-D) UNDER CONSTRUCTION OF CHITTAGONG-FENI-BAKHRABAD GAS TRANSMISSION PARALLEL PIPELINE PROJECT..

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparing, clearing and grading of Right-of-Way (RoW), development of ROW and works site, carrying, hauling and stringing of pipes and fittings, bending and welding of pipes, coating, painting, inspection, digging the trench, lowering the pipes, installing valves, pig launcher and



receiver stations and special fittings, crossing of creek, khal, canal, pond etc., backfilling of trench, cleaning & gauging,

hydrostatic testing, dewatering & drying and clean up & reinstatement of Row as per specification and



drawing.

- Highway/Railway/Metal road crossing by thrust/augur boring method using casing and other crossing conduits, cables, utilities and other facilities.
- Un-metal road crossing by open cut method without casing.
- The creek/khal/canal/pond by open cut method complete in all respect.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Fabrication of field bends, if required, for continuous pipeline construction (pipes to be supplied by the Employer) subject to approval of Engineer.
- Crossing of existing 24 inch OD/others high pressure gas transmission pipeline as per design and drawings.
- Installation of RCC slab (3.5 inch thickness) on top of pipe surface during crossing of above ground high tension electricity transmission cable.
- Fabrication and installation of concrete Set-on-Weight (SOW) for buoyancy control.
- Fabrication and installation of 1 (one) no. Pig Launcher and Receiver Station along with off-takes, Anchor Flange & Anchor Block etc. at Kasimpur, Feni Sadar with necessary civil works as per design and drawings.



- Fabrication and installation of required nos. of temporary Pig Launcher and Receiver for this section for cleaning, gauging and hydro test purpose.
- Fabrication and installation of 2(two) nos. main line valve stations at Chandpur and Abupur, Feni Sadar with necessary civil works as per design and drawings..
- Tie-in works with other sections/river crossing as per BOQ, which will be constructed by other pipeline contractor(s).
- All construction works including destructive & non-destructive testing of welds.
- The entire pipeline to be hydrostatically tested with cleaning, gauging, pigging, and drying as well as required amount nitrogen charging.
- The pipeline shall have a minimum cover of 1.22 meter from the top of pipeline surface. The minimum cover in creek/khal/canal/pond as per technical specification.
- Fabrication and installation of route marker and aerial post, warning sign, identification sign etc.
- Environmental Management Plan and submission of mitigation report.
- Remedying of defects during the defects liability period.
- Supply of Employer facilities.
- Preparation and supply of As-Built Drawings, Radiographic Films including weld book and interpretation sheets in the form of bounded dossiers, Materials Balance Sheet and return of all unused and scrap materials to Employer.
- Supply of all consumable such as welding electrodes, paints, POL, skids, water, electricity, Nitrogen etc.





Major Completed Gas Transmission Pipeline Project -2019

12 INCH DIA HOT TAPPING WORKS WITH KGDCL RING-MAIN GAS PIPELINE AT CEPZ AREA INCLUDING NECESSARY HOOK-UP WORKS UNDER THE CONSTRUCTION OF GAS PIPELINE FOR MIRSARI ECONOMIC ZONE AND KGDCL GAS DISTRIBUTION NETWORK UPGRADATION PROJECT.

HOT TAPPING 2019

- Hot Tapping of NPS 12 inch with NPS 24 inch Ring-main pipeline at CEPZ, Chittagong Area on engineering/design, procurement/ supply of all necessary materials
- LAYING
 - Pipe laying as per specification, drawing & direction of EIC including following:
 - Stringing of pipes along the pipeline route.
 - Cleaning, coating wrapping of pipes by using power brush for removing dirt or dust, polishing, smoothing of the pipe surface including holiday checking as per direction of EIC.
 - Trenching in any kind of soil/ hardcore / water bound macadam/ pucca surface in specified depth, breaking/boring of brick wall / CC / RCC within the trench, bailing out water (if any), digging of necessary trial holes, bell holes & clearing and grading of pipe route where necessary.
 - Lining up bending where necessary.
 - Pushing of pipe under T & T cable / power cable /water/ sewerage lines, drains, ducts, tunnel and other underground structures including making holes in making good the damage to its original condition. f. Road crossing, culvert crossing, drain crossing, channel crossing, installation of casing (including welding, cleaning & coating of casing pipe & fittings) where ever necessary as per typical drawing & specification including making holes in abutment, wing wall and other structures and making good the damages to its original/condition.
 - Lowering of pipe including installation of valves fittings, purging point, vent point, service tee etc. and removing of water from the trench if any.
 - Supplying & filling of sand on trench bed & top of pipe including backfilling of trench & tamping as per specification & drawing.
 - Clean up & reinstatement of R.O.W.
 - Carrying of line pipes (Considering average distance of 100 KM. from depot to work site).
 - Transportation & Storage of bulk materials including loading & unloading of Valve, Meter, Regulator, Fittings, Pit cover, Coat Wrap etc.(Considering average distance of 90 KM. from depot to work site). 12" N.B. Line Pipe
- WELDING Cleaning, cutting, beveling of pipes, bends and fittings including chamfering of over thickness and rebeveling (if required) of pipes and fittings, line-up by internal clamp of mainline welding and external clamp of TIE-INS welding as per API 1104 and production of as built drawing, all records of maintenance manual. If necessary the TIE-INS may be completed by making Bell Holes. The cost of Electrodes (of grade E7010 or E6010 or equivalent), Welding machines, Welder, Fitter, Grinder, Helper, Consumables and Miscellaneous Machineries/Equipments have to be borne by the contractor as per specification, drawing & direction of EIC for following: 12" OD X 8.38 mm W.T. (API 5LX52 Line Pipe along with Elbow & Tee)
- ROAD BREAKING Breaking & provisional reinstatement of roads made of Brick/Asphalt paving as per specification & direction of EIC (extra over item no.1) of following: i. Brick/Asphalt Paving
- ROAD BREAKING Breaking & provisional reinstatement of roads made of Brick/Asphalt paving as per specification & direction of EIC (extra over item no.1) of following: ii. Pucca (CC/RCC)
- VALVE PIT CONSTRUCTION WITH COVER Construction of valve pit as per drawing, design, specification & direction of E.I.C. including supply of civil works materials by the contractor at his own cost (Pit cover will be supplied by the company) for following: 12" Ø size valve
- Purging & Testing (Pneumatic) As per specification & direction of E.I.C. 12"Ø Line Pipe
- Hydro Testing (with Pigging) As per specification & direction of E.I.C. 12"Ø Line Pipe
- RADIOGRAPHY/PAUT 100% Radiography testing and inspection of completed welds along the whole length of pipeline by using X-ray. The rate shall be inclusive overlap to produce acceptable length of radiograph develop of film & interpretation as per API STD 1104. Other NDT method such as UT, DPT, MPI etc. may be used in addition to RT to assist the location and or evaluation of defects. 12" OD X 8.38 mm W.T. (API 5LX52 Line Pipe along with Elbow & Tee)
- Hook-Up/Tie-in Works at inlet source As per specification & direction of E.I.C. 24 inch OD Ring Main Inlet at CEPZ, Chittagong
- Hook-Up/Tie-in Works at outlet source As per specification & direction of E.I.C. 12 inch OD Hp-DRS at CEPZ Area, Chittagong.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Supply all necessary permanent materials such (such as split tee, full bore 12" gear operated ANSI class 300 ball valve (W/F), flange, gasket and fastener, stud bolts and nuts and other materials required for total completion of the hot tapping work), construction and tie-in with NPS 12" pipeline as per direction of EIC All types of Materials/Fittings needed for hot-tapping will be provided by the contractor's.
- Hot Tapping operation and Tie-in :
 - To provide all sorts of logistic supports to the working crew.
 - To fabricate a branch off line to make a Tie-in with the off-take made on the main by Hot tapping operation.
- Safety Measurement includes but not limited to the following :
 - To take all necessary safety measures (control area to be marked, firefighting arrangement, N2 effusion arrangement, safety wearing etc.) during the construction phase.
 - Deployment of trained, qualified and competent Manpower.
 - Deploy trained firefighting unit with all necessary firefighting system equipment.
 - Define roles of dedicated personnel and their responsibilities on site.
 - Means of escape.
 - Emergency exit plan.
 - Area cordoned with Caution Board.
 - Foreseeable hazards and contingency actions.
 - Communication facility at site.
 - Provide standard scaffold for working at height.
 - Avoid working in rainy season during lightening condition.
 - Site specific risk assessment is conducted to plan risk mitigate actions.
 - Tool box talk is ensured with all involved and explain activities, risk perceived and it's mitigation plan.
 - Deploy persons at emergency isolations valve with communication facilities for contingency action.
 - Appropriate PPE- fire retardant cloth, safety hats, safety shoes, gloves, goggles, welding hood, safety belts etc. is used depending on the nature of job carried out.
- Mobilization :
 - Mobilization of men, materials, machinery and equipment to the work site.
 - Mobilization of Hot tapping machine and other special equipment to the work site.
- Execution of the work including but not limited to the following :
 - To protect the side wall of embankment if necessary.
 - Cleaning of surface of the segment of main.
 - Aligning of the split tee on the surface of the main.
 - Welding of the split tee on the main and assembling of Hot tapping machine.
 - 100% Radiographic test of the all welded joints.
 - To setup the Hot tapping machine on the main through sandwich valve and fitting.
 - Welding a pup piece of pipe OD 20", API-5LX70, 12.7mm W.T and welding of elbows, bends and W.N RF Flange etc. with the downstream of 24" Pipe.
 - To carry out various NDT test UT MPI, Radiography, DPT as per API 1104 and 2201 as applicable for the work depending upon the situation.
 - After completion of Hot tapping operation disengagement of the equipment and withdrawal of re-exportable Hot tapping machine including all other equipment form work site.
- Wrapping and coating of underground pipes/epoxy coat/mastics. putty. tape and painting of above ground pipes.
- Split-Tee Welding
- Production Welding
- Nondestructive Testing
- Coating
- Field Coating Of Fittings, Flanges And Valves
- Pipe Coating Repair
- Lowering-In And Backfilling
- Clean-Up & Reinstatement
- Tie-Ins to Existing Line/Station
- Cleaning, Hydrostatic Testing And Drying



Major Completed Gas Transmission Pipeline Project -2019

CONSTRUCTION OF 10" OD x 16 KM 10 BAR GAS DISTRIBUTION PIPELINE WITH NECESSARY INTERCONNECTION AND HOOK-UP WORKS WITH HP AND IP DRS AT DIFFERENT PLACES OF KGDCL FRANCHISE AREA.

Following works had been included in this project:

- 10" dia x 16Km Pipeline
- 12" dia x 500m Pipeline
- 8" dia x 700m Pipeline

LAYING

Pipe laying as per specification, drawing & direction of EIC including following:

- Stringing of pipes along the pipeline route.
- Cleaning, coating wrapping of pipes by using power brush for removing dirt or dust, polishing, smoothing of the pipe surface including holiday checking as per direction of EIC.
- Trenching in any kind of soil/ hardcore / water bound macadam/pucca surface in specified depth, breaking/boring of brick wall / CC / RCC within the trench, bailing out water (if any), digging of necessary trial holes, bell holes & clearing and grading of pipe route where necessary.
- Lining up bending where necessary.
- Pushing of pipe under T & T cable / power cable /water/ sewerage lines, drains, ducts, tunnel and other underground structures including making holes in making good the damage to its original condition.
- Road crossing, culvert crossing, drain crossing, channel crossing, installation of casing (including welding, cleaning & coating of casing pipe & fittings) where ever necessary as per typical drawing & specification including making holes in abutment, wing wall and other structures and making good the damages to its original/condition.
- Lowering of pipe including installation of valves fittings, purging point, vent point, service tee etc. and removing of water from the trench if any.
- Supplying & filling of sand on trench bed & top of pipe including backfilling of trench & tamping as per specification & drawing.
- Clean up & reinstatement of R.O.W.
- Carrying of line pipes (Considering average distance of 100 KM. from depot to work site).
- Transportation & Storage of bulk materials including loading & unloading of Valve, Meter, Regulator, Fittings, Pit cover, Coat Wrap etc.(Considering average distance of 90 KM. from depot to work site).

WELDING:

- Butt weld/Socket weld joints including beveling, re-beveling where necessary. The cost of Electrodes (of grade E7010 or E6010 or equivalent), Welding machines, Welder, Fitter, Grinder, Helper, Consumables and Miscellaneous Machineries/Equipments have to be borne by the contractor as per specification, drawing & direction of EIC for following:

ROAD BREAKING:

- Breaking & provisional reinstatement of roads made of Brick/Asphalt paving as per specification & direction of EIC (extra over item no.1) of following: Brick/Asphalt Paving

ROAD BREAKING:

- Breaking & provisional reinstatement of roads made of Brick/Asphalt paving as per specification & direction of EIC (extra over item no.1) of following: Pucca (CC/RCC)

Canal/Culvert/ Khal CROSSING

- Canal/Culvert/Khal crossing by open cut method including construction of cross dams keeping provision of passing water across the dam for irrigation, bailing out of water for excavation, backfilling & proper reinstatement of banks etc. all complete as per drawing, design, specification & direction of EIC (Extra over item no1) for following:
- Service Tee, Valve Tee, Flange Tee Joint Service Tee, Valve Tee, Flange Tee Joint As per specification & direction of E.I.C.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

VALVE PIT CONSTRUCTION WITH COVER

Construction of valve pit as per drawing, design, specification & direction of E.I.C. including supply of civil works materials by the contractor at his own cost (Pit cover will be supplied by the company) for following:

- Purging & Testing (Pneumatic) Purging & Testing (Pneumatic) As per specification & direction of E.I.C.
- Hydro Testing (with Pigging) Hydro Testing (with Pigging) As per specification & direction of E.I.C.

RADIOGRAPHY/PAUT:

Radiography/PAUT of completed welds by using gamma source (Iridium 192) as per specification & direction of E.I.C. The rate shall be inclusive of overlap to produce acceptable length of Radiography as per API STD 1104 (materials, Equipment's & all other necessary arrangements to be provided by contractor).

- Double wrapping and coating as per specification & direction of E.I.C.
- Hook-Up/Tie-in Works Hook-Up/Tie-in Works at inlet source as per specification & direction of E.I.C.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2018

SECTION-D: CONSTRUCTION OF 42" 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

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparing, clearing and grading of Right-of-Way (ROW), hauling and stringing of pipes, bending and welding of pipes, digging the trench, lowering the pipes, installing valves, pig receiver stations and special fittings, crossing of canal, ditch, pond etc., backfilling of trench, testing and clean up of Row.
- Metal road crossing by thrust/augur



boring method using casing.

- Unmetal road crossing by open cut method without casing.
- The ditches, khals/canals, ponds/tanks, by open cut method in all respect.
- Fabrication of all field bends required for continuous pipeline Construction (pipes to be supplied by the Employer).
- Fabrication and installation of concrete Set-on-Weight (SOW) for buoyancy control.
- Fabrication and installation of 1 (one) no. Pig Receiver Station at Salimpur, Fouzdarhat.
- Fabrication and installation of

required nos. of temporary Pig Launcher and Receiver for this section for hydro test purpose.

- All Construction work including destructive & non-destructive Testing of welds.
- The entire pipeline to be hydrostatically tested with cleaning, gauging, pigging, and drying as well as required amount nitrogen charging.
- The pipeline shall have a minimum cover of 1.20 meter from the top of pipeline surface. The minimum cover in Ditch and Canal as per technical specification
- All materials to be provided by contractor and removed from site on completion





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

HOT TAPPING 2018

This specification covers the minimum requirements for workmanship and materials used in the 20" dia hot tapping from the existing 24" BKB-CTG pipeline under Section-D: Construction of 42" 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

- Supply all necessary permanent materials such as split tee, full bore 20" Gear operated, ANSI # 600 Ball Valve, flange, gasket and fastener, stud bolts and other materials required for total completion of the work.
- Hot Tapping operation and Tie-in :
To provide all sorts of logistic supports to the working crew.
To fabricate a branch off line to make a Tie-in with the off-take made on the main by Hot tapping operation.
- Safety Measurement includes but not limited to the following :
- To take all necessary safety measures (control area to be marked, firefighting arrangement, N2 effusion arrangement, safety wearing etc.) during the construction phase.
- Deployment of trained, qualified and competent Manpower.



- Deploy trained firefighting unit with all necessary firefighting system equipment.
- Define roles of dedicated personnel and their responsibilities on site.
- Means of escape.
- Emergency exit plan.
- Area cordoned with Caution Board.
- Foreseeable hazards and contingency actions.
- Communication facility at site.
- Provide standard scaffold for working at height.
- Avoid working in rainy season during lightening condition.
- Site specific risk assessment is conducted to plan risk mitigate actions.
- Tool box talk is ensured with all involved and explain activities, risk perceived and it's mitigation plan.
- Deploy persons at emergency isolations valve with communication facilities for contingency action.
- Appropriate PPE- fire retardant cloth, safety hats, safety shoes, gloves, goggles, welding hood, safety belts etc. is used depending on the nature of job carried out.
- Mobilization :
 - Mobilization of men, materials, machinery and equipment to the work site.
 - Mobilization of Hot tapping machine and other special equipment to the work site.
- Execution of the work including but not limited to the following :



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- To protect the side wall of embankment if necessary.
- Cleaning of surface of the segment of main.
- Aligning of the split tee on the surface of the main.
- Welding of the split tee on the main and assembling of Hot tapping machine.
- 100% Radiographic test of the all welded joints.
- To setup the Hot tapping machine on the main through sandwich valve and fitting.
- Welding a pup piece of pipe OD 20", API-5LX70, 12.7mm W.T and welding of elbows, bends and W.N RF Flange etc. with the downstream of 24" Pipe.
- To carry out various NDT test UT MPI, Radiography, DPT as per API 1104 and 2201 as applicable for the work depending upon the situation.
- After completion of Hot tapping operation disengagement of the equipment and withdrawal of re-exportable Hot tapping machine including all other equipment from work site.
- Wrapping and coating of underground pipes/epoxy coat/mastics. putty. tape and painting of above ground pipes.
- Split-Tee Welding
- Production Welding
- Nondestructive Testing
- Coating
- Field Coating Of Fittings, Flanges And Valves
- Pipe Coating Repair
- Lowering-In And Backfilling
- Clean-Up & Reinstatement
- Tie-Ins to Existing Line/Station
- Cleaning, Hydrostatic Testing And Drying



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2018

CONSTRUCTION OF 20" DN X 1000 PSIG X 30KM NATURAL GAS TRANSMISSION PIPELINE FROM SREEPUR TO JOYDEVPUR CGS

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW) Use of right-of-way for much of the transportation of plant, supply of equipment and materials. Transportation of



3LPE & 3PLE with CWC coating line pipes & other materials from ware house to site.

- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.

- Road crossings by thrust boring method using casing.

- Katcha/Pucca/Brick soling road/River/Crick /Canal/Ditch crossings by open cut method. Tie-in at Inlet (At

Sreepur intake metering station

- Tie-in at Outlet at Joydevpur CGS
- Fabrication & Installation of Intake Metering Station at Sreepur (Gararan)
- Fabrication & Installation of Valve Station at Sreepur and Rajabari
- Fabrication & Installation of Pig Launcher & Receiver Joydevpur CGS
- Fabrication & Installation of Set-on-Weight
- Fabrication & Installation of Aerial Marker Post along Right of Way.
- Hydro-Testing, Pigging and Commissioning





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2017

CONSTRUCTION OF 30" OD X 1100 PSIG GAS TRANSMISSION PIPELINE FROM BANIGRAM TO SHAH MIRPUR VALVE & MANIFOLD STATION (APPROXIMATELY 19.3 KM) UNDER MAHESHKHALI-ANOWARA GAS TRANSMISSION PIPELINE PROJECT

Following works had been included in this project:

- Preparing, clearing and grading of Right-of-Way (ROW), hauling and stringing of pipes, bending and welding of pipes, digging the trench, lowering the pipes, installing valves, pig launcher station and special fittings, crossing of canal, ditch, pond etc. and backfilling of trench at hilly areas & testing and clean up of ROW.
- Metal road crossing by thrust/augur boring method using casing.
- Unmetal road crossing by open cut method without casing.
- The ditches, khals/canals, ponds/tanks, by open cut method in



all respect.

- Fabrication of all field bends required for continuous pipeline Construction (pipes to be supplied by the Employer).
- Fabrication and installation of concrete Set-on-Weight (SOW) for buoyancy control.
- Fabrication and installation of Pig Receiver Station and associated civil works.
- Fabrication and installation of required nos. of temporary Pig Launcher and Receiver for this section for hydro test purpose.
- Fabrication and installation of main line valve stations and associated civil works at Shah Mirpur Valve Station.
- All Construction work including destructive & non-destructive Testing of welds.
- The entire pipeline to be hydrostatically tested with cleaning, gauging, pigging, de-watering and drying including required number of testing Pigs as well as required amount nitrogen charging.
- The pipeline shall have a minimum cover of 1.2 meter from the top of pipeline surface. The minimum cover in Ditch and Canal as per technical specifications.
- Hook-Up works
- Tie-In works of both end of river crossing sections.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2014

CONSTRUCTION OF 36" OD X 1000 PSIG GAS TRANSMISSION PIPELINE FROM ATAKI ROAD OF PAKUNDIA OF KISOREGANJ DISTRICT, GAFFARGAON OF MYMENSINGH DISTRICT TO DHANUA PIG RECEIVING STATION, SRIPUR OF GAZIPUR DISTRICT (APPROX. 33 KM EXCLUDING RIVER CROSSING LENGTH) **SECTION-D** OF BIBIYANA-DHANUA GAS TRANSMISSION PIPELINE PROJECT,

Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW)
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- Transportation of 3LPE & 3PLE with CWC coating line pipes & other materials from ware



house to site.

- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.
- Road crossings by thrust boring method using casing.
- Katcha/Pucca/Brick soling road/River/Crick/Canal/Ditch crossings by open cut method.
- Fabrication & installation of valve station and associated civil works at Charkaona, Pakundia, Kishoreganj and Negroir, Gofforgaon, Mymensing
- Fabrication, Installation/construction

anchor block at Dhanua, Gazipur GTCL

- Fabrication and Installation of permanent Pig Launcher and Pig Receiver at Dhanua, Gazipur GTCL.
- Fabrication and Installation of temporary Test Head and Pig Receiver
- Hydro-Testing, Pigging and Commissioning.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2010

CONSTRUCTION OF 25.00 KM 762 MM (30") OD X 1000 PSIG HIGH PRESSURE NATURAL GAS TRANSMISSION PIPELINE FROM HATIKUMRUL, SIRAJGANJ TO EAST BANK OF ATRAI RIVER, NATORE, UNDER WEST BANK OF JAMUNA BRIDGE-NALKA, HATIKUMRUL-ISHWARDI-BHERAMARA GAS TRANSMISSION PIPELINE PROJECT.

Following works task had included in this project:

- Cross country high pressure pipeline
- Works performed in tropical or monsoon climatic areas.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW)
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- Transportation of 3LPE & 3PLE with CWC coating line pipes & other materials from ware



- Fabrication and Installation of permanent Pig Launcher and Pig Receiver at Hatikumrul Scraper Station.
- Fabrication and Installation of temporary Test Head and Pig Receiver at West of Goja river, East bank of Goja river and East Bank of Atrai river
- Tie-ins works with existing Hatikumrul Scraper Trap Station.
- Hydro-Testing, Pigging and Commissioning.



house to site.

- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.
- Road crossings by thrust boring method using casing.
- Katcha/Pucca/Brick soling road/River/ Crick /Canal/Ditch crossings by open cut method.
- Fabrication & installation of valve station and associated civil works at Khalkula
- Fabrication, Installation/ construction anchor block at Hatikumrul Scraper Station





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2007

CONSTRUCTION OF 20" OD 60KM HIGH PRESSURE (1000 PSIG) GAS TRANSMISSION PIPELINE FROM DHANUA (GAZIPUR) TO AMINBAZAR (SAVAR) ADB FINANCED INTERNATIONAL PROJECT FOR DHAKA CLEAN FUEL PROJECT, GTCL PART.

Following works task had included in this project:

- Cross country high pressure pipeline
- Works performed in tropical or monsoon climatic areas.
- Hilly and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/ camp to work site.
- Preparation of Right of Way (ROW)
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- Transportation of line pipes & other materials from ware house to site.



between Boro Ashulia, Aminbazar by HDD method

- Road and railway crossings by thrust boring method using casing.
- Katcha/Pucca/Brick soling road/River/Crick/ Canal/Ditch crossings by open cut method.
- Fabrication & installation of three (3) nos. valve station and associated civil works at Painsal, Itahata and Boro Ashulia
- Fabrication of 3 three nos. Off-take at Kodda, Gazipur, Mirzapur, Ashulia
- Fabrication and Installation of Pig Launcher and Pig Receiver at Dhanua & Aminbazar
- Tie-ins works with existing 24" OD B-B mainline at Dhanua by making an off-take of 20" OD adopting Hot Tapping method including procurement and construction.
- Hydro-Testing, Pigging and Commissioning.



- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.
- Turag river crossing at 3 location





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -2005

CONSTRUCTION OF 30" OD (762MM) 28.5 KM. GAS TRANSMISSION LOOP LINE FROM RASHIDPUR (MUCHAI) TO HABIGANJ (MANIFOLD STATION) INCLUDING 450 METER WIDE KHOWAI RIVER CROSSING BY HDD METHOD.



from ware house to site.

- Stringing, welding and welding inspection, coating repair, wrapping, holiday detection, trenching, lowering & back filling.
- 450 meter wide Khowai river crossing by HDD method
- Four (4) nos. of road crossings, and Two (2) nos. of railway crossings by auger boring method using casing.
- Katcha/Pucca/Brick soling road/River/Crick/Canal/Ditch crossings by open cut method.
- Fabrication & installation of two (2) nos. valve station and associated civil works. Fabrication and installation of concrete Set-on-Weight (SOW)



Following works had been included in this project:

- Cross country high pressure pipeline
- Works performed in tropical or monsoon climatic areas.
- Hilly and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW)
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- Transportation of line pipes & other materials



- Scraper Station at Rashidpur and Habiganj.
- Tie-ins works at Rashidpur with source/manifold line and at Habiganj Gas Manifold Station with Habiganj-Ashuganj pipeline spare Off-take.
- Hydro-Testing, Pigging and Commissioning.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Major Completed Gas Transmission Pipeline Project -1998

CONSTRUCTION OF 24" OD 28.42 KM AND 20" DIA 35.37KM 1000 PSIG PIPELINE FROM ELENGA (TANGAIL) TO BAGHABARI (SIRAJGANJ) VIA NALKA INCLUDING INSTALLATION OF A 100 METER WIDE KARATUA RIVER CROSSING BY OPEN CUT METHOD UNDER GAS SUPPLY TO WESTERN ZONE PROJECT, A PROJECT OF GAS TRANSMISSION COMPANY LTD.

Following works had been included in this project:

- 24" dia, 1000 psig 28.42 Km,
- 20" dia 1000 psig 35.37 Km including 20" dia 100 meter wide Karatua river crossing by open cut method.
- Cross country high pressure pipeline
- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Preparation of Right of Way (ROW)
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- Transportation of line pipes & other materials from ware house to site.
- Stringing, welding and welding inspection, holiday detection, trenching, lowering, placement of SOW & back filling.
- 100 wide Karatua river crossing by open cut method
- High Way/Railway/Road/River/Canal/Ditch crossings.
- All civil works,
- Fabrication & installation of mainline valve stations Off-Takes.
- Fabrication & installation of scraper traps stations at Elenga and Nalka, Off-Takes,
- Tie-ins with 24" OD existing Off-take at Elenga and Tie-ins with 30" Off-take at West Bank of



Jamuna Bridge.

- Hydro-Testing, Pigging and Commissioning.
- Design, Fabrication and installation of Cathodic protection system.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Completed HSD (Diesel), Furnace Oil, SKO (Kerosene),
HOBC (Octane), MS (Petrol), and Jet A-1 storage Tank
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



প্রকল্প পরিচালকের কার্যালয়
মংলা অয়েল ইনস্টলেশন প্রকল্প
বাংলাদেশ পেট্রোলিয়াম কর্পোরেশন

প্রকল্প কার্যালয়: পদ্মা অয়েল কোম্পানী লিমিটেড

৪, স্ট্র্যান্ড রোড, সদরঘাট, চট্টগ্রাম-৪০০০।

ফোন: ০৩১-৬১০৬১৩, ০১৭৭৭-৭০৩৩৩৪, ফ্যাক্স নং- ০৩১-৬১৮৩১২, ০৩১-৬১২৬৬৮

ই-মেইল : mosadbpc@gmail.com

Memo No.: PD (MOI), BPC:28.03.0000.55.06.001-20/1293

Date: 15.06.2020

Maxwell Engineering Works Limited & Pipeliners Limited (JV)
Navana Tower, Floor 12/E,
45 Gulshan Avenue
Circle-1, Dhaka-1212,
Bangladesh.

Attention: Mr. Shafiqur Rahman, Partner-In-Charge

Contract: Design, Construction & Erection of 14 (fourteen) Nos. Petroleum Oil storage Tank with Auto gauging system at Mongla Oil Installation, Bangladesh Petroleum Corporation, Mongla, Bagerhat, Contract No. PD (MOI), BPC, 0000.55.06.001-13/178 dated: 02.07.2014 (Package: No. WR-1 & WR-5)

Subject: **Issuance of Final Acceptance Certificate (FAC).**

Dear Sir,

In Pursuance of clause GCC 1.1 (rr) Page # 68; Section 4. Particular conditions of contract; Final Acceptance Certificate (FAC) is issued effective on 09.04.2020, the day when defects liability period of 365 (Three sixty five) days has been expired. Issuance of final Acceptance Certificate (FAC) confirms that M/S Maxwell Engineering Works Limited & Pipeliners Limited (JV) has successfully completed the above contract.

Thanking you.

(Engr. Md. Mosaddeque Hossain, FIEB-3994)
Project Director
Construction of Mongla Oil Installation Project
Bangladesh Petroleum Corporation
Plot No. 21, Mongla Port Industrial Area,
Mongla, Bagerhat.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

প্রকল্প পরিচালকের কার্যালয়
মংলা অয়েল ইনস্টলেশন প্রকল্প
বাংলাদেশ পেট্রোলিয়াম কর্পোরেশন

প্রকল্প কার্যালয়: পদ্মা অয়েল কোম্পানী লিমিটেড

৪, সূর্যাস্ত রোড, সদরঘাট, চট্টগ্রাম-৪০০০।

ফোন: ০৩১-৬১০৬১৩, ০১৭৭৭-৭০৩৩০৪, ফ্যাক্স নং- ০৩১-৬১৮৩১২, ০৩১-৬১২৬৬৮

ই-মেইল : mosadbpc@gmail.com

Memo No.: PD (MOI), BPC:28.03.0000.55.06.001-20/1294

Date: 15.06.2020

Maxwell Engineering Works Limited & Pipeliners Limited (JV)
Navana Tower, Floor 12/E,
45 Gulshan Avenue
Circle-1, Dhaka-1212, Bangladesh.

Attention: Mr. Shafiqur Rahman, Partner-In-Charge

Contract: Design, Construction & Erection of 14 (fourteen) Nos. Petroleum Oil storage Tank with Auto gauging system at Mongla Oil Installation, Bangladesh Petroleum Corporation, Mongla, Bagerhat, Contract No. PD (MOI), BPC, 0000.55.06.001-13/178 dated: 02.07.2014 (Package: No. WR-1 & WR-5)

Subject: Issuance of Final Acceptance Certificate.

Dear Sir,

In Pursuance of clause GCC 1.1 (rr) Page # 68; Section 4. Particular conditions of contract; Final Acceptance Certificate (FAC) is issued effective on 09.04.2020, the day when defects liability period of 365 (Three sixty five) days has been expired. Issuance of final Acceptance Certificate (FAC) confirms that M/S Maxwell Engineering Works Limited & Pipeliners Limited (JV) has successfully completed the above EPC contract.

Major Works with their quoted Price are as follows:

Sl No	Description of Works	Amount in BDT
01	Design & Engineering.	63900000.00
02	Supply of Materials for Tank & Ancillary Facilities for 14 Nos Oil Storage Tank.	
(a)	Supply Fire Fighting System & Equipment in/c Installation.	52084946.00
(b)	Steel Plates, Line Pipes, Internal Floating Roof, Valves, Pumps Etc.	749771608.00
03	Execution of Works.	
(a)	Civil Work in/c Situ Piling, Lean Concrete, R.C.C Foundation, and Others.	461353647.00
(b)	Mechanical, Electrical and others.	165025736.00
(c)	Radar Type Auto Gauging System, Supply Equipment & Accessories, Installation & Testing, Commissioning.	67714530.00
	Total	1559850467.00
	Discount	110050467.00
	Total	1449800000.00
04	Additional Pipeline Works beyond Contract Price	24273493.00
	Final Total	1474073493.00

Amount in words: One Hundred Forty Seven Core Forty Lac Seventy Three Thousand Four Hundred Ninety Three only.

Thanking you.

(Engr. Md. Mosaddeque Hossain, FIEB-3994)
Project Director
Construction of Mongla Oil Installation Project
Bangladesh Petroleum Corporation
Plot No. 21, Mongla Port Industrial Area,
Mongla, Bagerhat.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Completed construction of oil storage Tank – 2014-19

Design, Construction & Erection of 14 (fourteen) nos. Petroleum Oil Storage Tank with Auto Gauging System for Bangladesh Petroleum Corporation at Mongla Oil Installation, Bagherhat



Design, material supply and construction of 14 (Fourteen) Nos. Petroleum Oil Storage Tank such as i) Fixed Roof:- 15000 MT-03 Nos., 10000 MT-01 No., 7000 MT-01 No., 5000MT-03 Nos., 4000 MT-01 No., 3000 MT-03 Nos., ii) Fixed Roof with Internal Floating Roof: 5000 MT-02 Nos. including site development, construction of tank foundation, ancillary works such as internal road, drains, culverts, boundary wall, pump shed, project related pipelines support, support foundation and support of product delivery meter, Pumps, Motor, Auto gauging system and firefighting system including water & foam & purging system including MS D-Formed Bar:

- Cross country high pressure pipeline

- Works performed in tropical monsoon climatic areas and reserved forest area.
- Cross country and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Procurement, Supply, Installation, Testing & Commissioning of Internal Floating Roof,
- Procurement, Supply, Installation, Testing & Commissioning of Product Deliver Meter.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Procurement, Supply, Installation, Testing & Commissioning of Product Deliver Pumps with Motor & Engine Driven including Testing and Commission
- Design, Supply, Installation, Testing and Commissioning of Flexline Radar Gauge, Vito LT Interface, Vito LT Temperature Sensor (Average Temp 0 Deg C to +100 Deg C) with water bottom measurement (Water Interface), Smart View Display (Tank Side Indicator) for Radar gauges, Hardware (Intelligent Interface Device), Functionality (Intelligent Interface Device s/w), ENTIS TANK GAUGING SOFTWARE , 30 TANKS, 3



station, Entis Option A, Entis Option B, Pressure Transmitter, Ball Valve for Pressure Transmitter, Ex proof Field Junction Box 20 Terminal, Ethernet Switch, Ex proof Field Power Isolation Switch , Annunciator System Panel 64 Windows - To be mounted on Cabinet / Instrument Panel, Instrument Panel Cabinet 800 X 800 X 2100 mm, Glands for Ex Proof JB's, Mounting Flanges for Radar Gauge 8" 150 # MOC - CS , Mounting Flanges for Temperature Probe 2" 150 # MOC CS for fourteen numbers of petroleum product tank (Fixed Roof & Floating roof) as per specifications/ Tank Data Sheet outlined in this tender documents on turnkey basis.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fire Fighting Systems i/c Fire Water System:

- Fire Water Systems including Diesel Engine Driven Fire Pump, Jockey Pumps (Pressure Maintenance Pump), Fire Pump Controller, Fire Brigade Connection, Pillar Hydrant Double Headed, Outdoor Hydrant Cabinet, Fire Hose 65mm dia, Jet/Spray Nozzle 65mm dia, Fire Protection Valves, O S & Y Gate Valve, Y-Strainer, Non-Return Valve, Flexible connection, Butterfly Valve, Ball Valve (Italy), Auto Air Vent Valve, Zone Control Valve, Pressure



Controller/switch, Pressure Gauge with Valve, Automatic Fire Suppression System, Piping and piping specialties, Extinguishing-agent containers, Extinguishing agent, Detection and alarm devices Releasing control panel, Accessories, Connection devices for and wiring between system components, Connection devices for power and integration into building's fire-alarm system, CO2 Portable Fire Extinguishers, Dry Chemical Portable Fire Extinguishers.

Deluge Valve Release Control Panel, Foam Maker, 3% AFFF Concentrate, Addressable Fire Alarm Control Panel, Probe Type Heat Detector, Addressable Smoke Detector, Notification Device (Horn & Strobe), Fault Isolator Module, Monitor Module Addressable Control module shall be used to connect with network and to detect the conventional device as addressable device, testing and commissioning.

- Supply, Installation of Automatic Fire Foam Systems i/c procurement & supply of Foam Monitor, Sprinkler, Medium Velocity Water Spray Nozzle, Foam Bladder Tank, Horizontal bladder tank capacity 2500 Gallon (US) 2 nos. Foam Chamber, Proportioner Valves, Electrically Operated Deluge Valve,

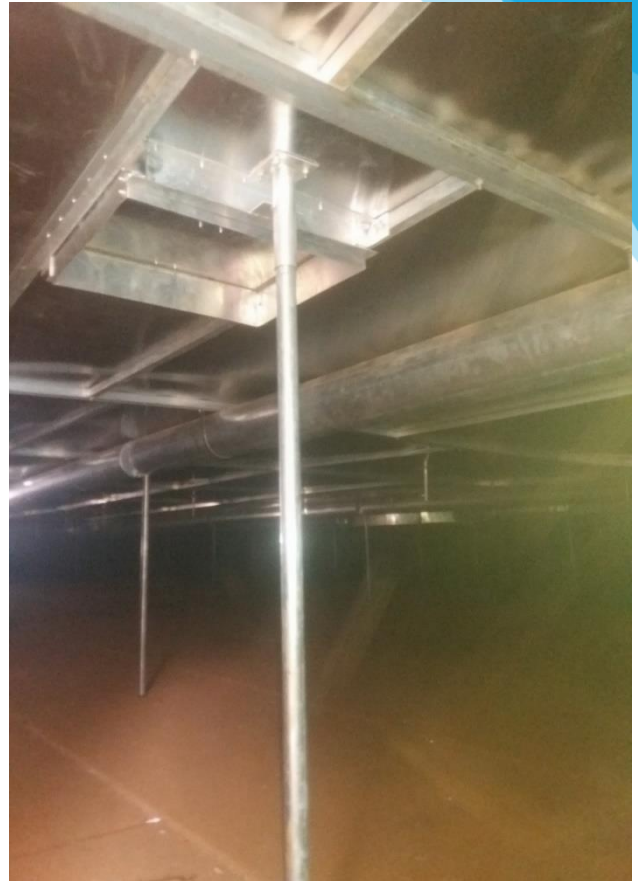




ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Installation Internal Floating Roof for 15000 M.Ton Capacity fixed roof:

- 0.23" thk. X 84.00" wide 3003-H14 aluminum deck skin.
- 0.064" X 10" Aluminum main flotation tubes, shop tested at 20 psi.
- Patented 'pivot joint' at every interior pontoon intersection.
- All stainless steel bolting included.
- Single Ultraseal I wiper cover to shell seal.
- Aluminum adjustable legs (long as required)
- 2" sq stainless isolation feet.
- 1" Stub drains all over the cover, centered in each panel.
- 1 No 24" sq. hinged access hatch with grounded cover.
- 1 No 24" sq gage pipe well with grounded sliding cover plate.



- 1 No Vacuum breaker sized for max. 10,000 BPH withdrawal rate.
- 2 Nos Stainless steel static ground cable assemblies.
- 2 Nos Stainless steel anti-rotation cable.
- 1 24" sq screened center roof vent, suitable for use as a painters pin.
- Designed for product with a specific gravity Of 0.72
- All other related accessories will provide for smooth running of Internal floating roof



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



পদ্মা অয়েল কোম্পানী লিমিটেড PADMA OIL COMPANY LIMITED

(A Subsidiary of Bangladesh Petroleum Corporation)

Padma Bhaban, 6 Paribag, G.P.O Box 10, Dhaka-1000

Tel : 8625780, 8625782-4 (PABX), 9669364, 9660256, Fax : 88-02-8617041

E-mail: rmdpocl@yahoo.com

TO WHOM IT MAY CONCERN

This is to certify that M/s Pipeliners-Businessking J.V. 144 Shantinagar Road, Dhaka-1217 has been successfully completed the **“Construction of 2x5000 MT Capacity New Storage Tank at Godenail, Narayanganj against Work Order No. W/O 299/10B Date 01.12.2010 & 58/11A dtd. 24.02.2011”** in association with the following company under a Joint Venture Partnership wherein Pipeliners Limited was Partner-in-Charge. The percentage of share by the partner-in-charge and other Partner as per the relevant deed of joint venture partnership agreement were as follows:

Sl. No.	Name of the Joint Venture Partners	% of share held
1.	Pipeliners Limited, Navana Tower, Floor-12, Block-E, 45 Gulshan Avenue, Circle-1, Dhaka-1212	55
2	Businessking Limited, 144 Shantinagar Road, Dhaka-1217	45

The Complete construction of 2 x 5000 M.T. capacity storage tank including procurement, supply of steel plates, angle, valve, line pipes & fittings and construction of associated civil works including tank foundation, land development, earth filling, bund wall, brick works, drainage system and project related electrical works.

The total Work Order Value was Tk.7,13,50,561.00 (Taka seven crore thirteen lac fifty thousand five hundred sixty one only). The work was completed on 30 June 2012.

The certificate is issued pursuant to the provision of the General Conditions of Contract Clause No. 74.1 of the contract.

Assistance General Manager
(Engineering and Planning)



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Completed Construction of Oil Storage Tank - 2012

Construction of 2x5000 MT Capacity Oil Storage Tank at Godenail, Narayanganj,

Erection of 80'-0" dia and 36'-0" high steel tank, the tank will be fixed conical roof and conical bases sloping to a control sump including cost of steel materials such as plates, bars, angles, MS rods, channels, joists etc, Preparation of site, Land development, Filling of sand, Providing 6" thick layer of crushed aggregate, Providing 2" layer sand bitumen, tanks are to be constructed on a foundation, welding procedures which are to be agreed before construction commences. Welders shall be approved by employers and a record of the welders on site shall be kept joints will be subjected to radiographical inspection. After complete fabrication, the tank shall be tested by filling with water under controlled conditions to ensure that foundation failure does not occur the floor shall be tested with a vacuum box of 51 BS/SQ in top plates shall be tested using soap solution & double test at a pressure of 0.75 Lbs per inch. Commissioning of the same , Providing earthing system,



and Testing of the Tank by filling with clean water and Providing 4 (four) sets of calibration charts for the 5000 MT Tank by taking physical measurement of dips minimum 15cm above the datum plate and volumes following standard strapping method as per standard practice and direction of E/C, Painting of tank and pipe lines, Cement concrete (1:2:4) in foundation with cement 3/4" downgraded 1st class picked Jhama chips, 10" or more thick 1st class brick works in foundation with cement mortar (1:4) in/c supply and screening of sand racking out joint, staying, scaffolding etc, Earth filling /back filling the sides of foundation trenches, Earth work in excavation of bound wall foundation trenches, White washing on either side of wall with supply of all necessary men and materials, Writing, lettering of Padma monogram, Construction surface drain, Clearing of site, Construction of oil separator, including supplying, Laying, fabrication & Commissioning of MS pipes of seamless, schedule-40 or API-5L grade-B Pump



house, tank and various delivery points including cutting, welding, making necessary bends, Tees, welding of all joints, fixing of flanges, gate valves etc., Supplying installation and commissioning of 40 HP capacity positive displacement pumping set (motor and pump to be coupled and fixed on steel frame base), Supply, installation and commissioning of floating suction assembly with aluminum float including swivel joint connection, Supply and fitting, fixing various sizes standard pipe fittings for the pipe line works, Painting of various MS pipe lines with all fittings, gate valves, etc. including scrapping, cleaning of surface, applying 2 coats of anti-corrosive red oxide primer and 2 coats of aluminum paint with supply of Berger Robialac paints and all other men and materials as per direction of Engineer-in-Charge



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



যমুনা অয়েল কোম্পানী লিমিটেড JAMUNA OIL COMPANY LIMITED

JAMUNA BHABAN, AGRABAD C/A, P.O. BOX : 694
CHITTAGONG, BANGLADESH.

PABX : 720181-3, 2520134-9
2520408
FAX : 88-031-713289
CABLE : OILBANGLA

TO WHOM IT MAY CONCERN

This is to certify that M/s Pipeliners Limited, Navana Tower, Floor-12, Block-E, 45 Gulshan Avenue, Dhaka-1212 has been successfully completed the **"Construction of 3 Nos. Storage Tanks at Baghabari Oil Depot (Capacity 10,000MT x 3 =30,000M. Ton),"** Contract No. JOCL/Baghabari/Tank/3-WD1/5522 dtd 12.07.2012

The Complete construction of 3 x 10,000 M.Ton capacity storage tank including procurement, supply of steel plates, angle, valve, line pipes & fittings and construction of associated civil works including sand piling, tank foundation, land development, earth filling, bund wall, brick works, drainage system and project related electrical works.

The total Contract Value was Tk.29,32,12,000.00 (Taka twenty nine crore thirty two lacs and twelve thousand only). The work was completed on 15 November 2013.

The certificate is issued pursuant to the provision of the General Conditions of Contract Clause No. 81.1 of the contract.


25-11-2013

Md. Ishaque Chowdhury
Project Director
Construction of 03 Nos. Storage Tank Project
Baghabari Oil Depot.
Jamuna Oil Company Limited (JOCL)

Md. Ishaque Chowdhury
Project Director
Construction of 3Nos. Storage Tank
Baghabari Oil Depot.
Jamuna Oil Company Limited.

Dhaka Office : BSEC Bhaban (1st Floor), 102, Kazi Nazrul Islam Avenue, Kawran Bazar, Dhaka-1215. Phone : 9113248

"গাছ লাগান, গাছের পরিচর্যা করুন
এবং পরিবেশ বাঁচান"- প্রধানমন্ত্রী।

9146092
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9140711



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Completed Construction of Oil Storage Tank - 2012

Construction and Erection of 10000 M.Ton Capacity x 3 Nos. (Total 30,000 M.T) Petroleum Storage Tank at Baghabari Oil Depot, Sirajganj.

Civil Works

Site Preparation for the construction of tank by removing existing foreign materials, dismantling the cc or any other kind of brick works and necessary works as per required for the site readiness all complete as per direction of EIC.



Excavation of earth in all kinds of soils up to a depth of 10'-0" from GL including supply of all men and materials, removing the debris to a safe distance/low lying area/Tank firm areas by head load or by any other means etc. all complete as per drawing, design and direction of E/C.

Providing 375 mm dia sand piling works up to the length around 12 m from the existing ground level $\pm$ 1250 mm c/c with supply of coarse sand FM 1.5-2.0 including mobilization, demobilization of all the equipment, materials after successful piling as per approved design and drawing with supply of all men and materials as per direction of EIC.(Depth & spacing of piling may be very according to site & soil

condition.)

One brick flat soling with 1st class/picked jhama bricks below pavement, foundation base floor etc. including supply of sand leveling, dressing, ramming, sand binding and supplying of all materials etc. all complete as per drawing, specification and direction of E/C.

Cement concrete (1:2:4) in foundation with cement 3/4 down graded 1st class picked jhama chips, curing for minimum 7 days etc. all complete as per direction of Engg-in-charge.

RCC works (1:2:4) or specified compressive strength, f'c 19 Mpa at 28 days on standard cylinder with cement conforming to BDS 232 & ASTM standards, best quality sand [50% quantity of best local sand (FM 1.2) and 50% quantity of Sylhet sand or coarse sand of equivalent F.M 2.5] and 20 mm downgraded picked jhama brick chips including breaking chips and screening, making, placing in position, making shutter water-tight properly, placing reinforcement in position, mixing with mixer machine, casting in forms compacting with vibrator and curing at least for 28 days, removing centering-shuttering all complete including cost of water, electricity, testing and other charges as per direction of EIC.

Sand filling in foundation trenches and plinth with coarse sand having min. F.M 1.2 layers including levelling watering and compaction to achieve minimum dry density 90% with optimum moisture content (modified proctor test) by ramming each layer up to finished level as per design supplied by the design office only etc. all complete and accepted by the EIC.

Breaking picked jhama, first class bricks or bats size (1.5"-3/4") including cost of bricks and bats and stacking in measurable sizes at site accepted by the EIC.

Providing 2" layer sand bitumen for the tank base in/c supply of clean dry sand & bitumen, mixing the same at a temp. of 200° in the proportion 150 Lbs of bitumen per cubic yard of sand including spreading, leveling, compacting, grading etc as per drawing, design and direction of EIC.

Brick work (1:4) with 1st class bricks of approved size having uniform color, carefully laid in cement mortar in foundation, guide wall drawing with uniform width and depth joints, true to vertical and horizontal lines including scaffolding, curing etc complete in all respects as per drawing and direction of Engr-in-charge





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Minimum 1/2" thick cement plaster (1:4) on wall and curing etc. complete in all respect as per direction of Eng-in-charge.

Construction of Expansion joint 25 mm gap in Brick work/R.C.C with aluminum sheet water stopper (16 swg) in construction/Expansion joint.

On exterior surface applying as per manufacturer instruction 3 coat of weather coat of approved quality and color delivered from authorized local agent of the manufacturer in a sealed container complete in all respects as per drawing and direction of Engr-in-charge.

Earth filling/back filling the sides of foundation trenches and ground surface inside the bund wall with earth available at site in 6" layer leveling, dressing, compacting etc, all complete as per direction of E/C.

Erection of steel storage tank

Erection of steel storage tank, the tank will be fixed conical roof and conical bases sloping to a control sump including cost of steel materials such as plates, bars, angles, MS rods, channels, joists etc,



Construction of vertical 3 nos oil storage tank of 10,000 ton capacity Each tank by fabrication, cutting, welding, fixing of tank bottom plates, shell plat, roof plate, trusses centredrum, stair, railing, shell & roof manhole Inlet and out let pipe connection dip gauging hatch, datum plate fabrication of curve angle etc complete in all respect as per direction of Eng-in-charge.

Fabrication of steel flanges as per Direction of EIC

- a) 8" dia flange
- b) 6" dia flange
- c) 4" dia flange
- d) 3" dia flange

Fabrication of Pipe 12" steel as per Direction of EIC

- a) Pipe 8"
- b) Pipe 6"
- c) Pipe 4"
- d) Pipe 3"

Fabrication of Gate Valve as per Direction of EIC

- a) Gate Valve 8"
- b) Gate Valve 6"
- c) Gate Valve 4"
- d) Gate Valve 3"

Fabrication of Api-600 class Non-Return Valve 8" dia as per Direction EIC.

Providing earthing syatem to the tank structure by supplying 10m (Approx) long 25mmx6mm copper strip and 3m long 100 mm dia MS pipe sank in to the ground to be used as earth electrode including providing 2'-6"x2'-6"x2'-0" deep brick wall sump with RCC cover etc all complete as per drawing, design and direction of Eng-in-charge. (2 Nos. for each tank)

Providing three sets of calibration charts for 10000 KL Tank by taking physical measurement of dips and volumes following standard stripping method as per standard practice and direction of E/C in/c all cost of men & materials staging, equipment, water and also cost of certification by Bangladesh standard & Testing Institution etc. all complete as per direction of E/C.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



Cost of painting two of red oxide and two coats of aluminum paints, enamel paints (Barger paint) in shell plate roof, stair, railing, manholes, out let, inlet pipe line, gate valves etc including supply of all materials and labor as per direction of Engr-in-charge.

White washing three coats with slaked lime, supply of glue, blue pigment and necessary cleaning before and after the wash for all plaster work etc as per direction of Engr-in-charge. (with cement glue)

Fabrication of 8" dia breather valve as per direction of EIC.

Fitting 2 ply 4 points barbed wire Approved by EIC.

Fitting S.W.G 2" square cyclone Fencing as per direction of EIC.

M.S rod fabrication including bending, binding, straightening, cutting, making of chairs and placing of spacers with G.I binding wire of 20 SWG & placing in position where specified

hooking, cranking lapping etc. Complete as per drawing and direction of EIC. (All men & materials to be supplied by the contractor). 40 grade deformed bar, $f_y=275$ Mpa.

Fabrication of M.S Angle, Channel joist etc as per direction of EIC.

Hydraulic Test and Monogram tank number etc writing after completion of the storage tank construction all tank to be filled up to level and keep the water for minimum 10th days and maintain the record of water level. If found any defect in construction this rectify the defect without delay and then check again and dewatering, cleaning the tank for final inspection and hand over the tank to the Eng-in-charge including cleaning the sites including dressing including (one tank hydraulic tests two numbers of monogram writing etc.

Supplying installation of wooden having haring on average dia not less than 150mm/(without barks) at one third distance from larger end with a minimum end dia meter of 100 mm (if necessary)

Palasiding work by supplying bitumen drum sheet walling tied with 20 BWG G.I wire fixing the same with already driven borak bamboo posts with half split borak bamboo runners @ 450 mm c/c horizontally with iron nails, G.I wire etc. all complete and accepted by the EIC. (if necessary)

Bailing out trapped water caused by inundation or rain by pump for foundation trenches including arrangement of pump & necessary works etc as per direction of EIC. (if necessary)

Supply of Tank Construction Materials

Supplying and stacking at site (Baghabari Depot) of New mild steel Plates of various sizes and thickness specification as follows :

1. 5'x10' or 5'x20 or 6'x16'

2. grade : JISG-3101, SS-400 or A36 or A-238 equivalent standard approved by the EIC.

Supplying Flanges class 150 ANSI-B-16.5 or equivalent standard approved by the EIC.

a) 8" dia

b) 6" dia

c) 4" dia

d) 3" dia

Supplying M.S Pipe conforming to specification API-5 grade-B (schedule 40 or equivalent grade approved by EIC

a) 12" dia

b) 8" dia

c) 6" dia

d) 4" dia

e) 3" dia

Supplying wedge Gate Valve (Rising stem hand wheel operated) Api-150 class of following specification

1) Api = 600/BS- 1414

2) Flange ends ANSI-B-16.5





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

3) Stem material : ASTM-A-182-F-6aCR 13%

- a) 8" dia
- b) 6" dia
- c) 4" dia
- d) 3" dia

Supplying Non-Return valve 8" dia of API 600/BS- 1868 or Equivalent standard approved by EIC.

Supplying Pressure / vacuum vent i/c breather valve to vent the tank vapor away to at musher and to receipt vaccum pressure with tank of following specification :

(a) Body size 8"

(b) Materials Cs baby/body with bolt/Guides

(c) Max pressure setting 15 psig

(d) Max vacuum setting

1 psig weight loaded and 12 psig spring package model : 5100 or equivalent approved & accepted by EIC.

Supplying 2ply 4 points barbed ware approved by EIC.

Supplying cyclone fencing of 10 swg 1.5"square approved by the EIC.

Supplying fabrication and fixing to details as per design deformed bar reinforcement in concrete in accordance with BDS 1313: 1991 standard including straightening and cleaning rust, if any bending and binding in position including supply of G.I wires etc. complete in all respects and accepted by the Engineers

275-graded deformed bar with minimum $f_y=275$ Mpa & tensile strength at least 316 Mpa: a up to ground floor

Supplying stacking at side of Baghabari Depot of new mild steel Angle, flat bar, MS, Channel, checker plate for stair of various thickness including carrying loading and unloading etc. Complete in all respect as per direction of Eng-in-charge.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Completed construction of Condensate storage Tank
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018



পদ্মা অয়েল কোম্পানী লিমিটেড

(বাংলাদেশ পেট্রোলিয়াম কর্পোরেশনের একটি অঙ্গ প্রতিষ্ঠান)

PADMA OIL COMPANY LIMITED

PADMA OIL COMPANY LIMITED

COF : 7054/ 519

Date : 08/04/2010

TO WHOM IT MAY CONCERN

This is to certify that, M/S. Pipeliners Limited, 144, Shantinagar Road, Dhaka- 1217 successfully completed the work " Construction of 01 x 3000 MT capacity steel storage tank at Rupantarita Prakritic Gas Company Limited (RPGCL), Ashugonj" under POCL, Work Order No- 407/ 2004, dated : 29.05.2004 and Final Bill No- 145/ 2007A, dated : 05.06.2007. The completion date of the above project is 05.06.2007 and the total amount of work done is Tk. 1,40,56,530.47.

[Akhtar Udduza]
DGM (Engineering & Planning)



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Completed Construction of Condensate storage Tank - 2007

Construction and Erection of 1 nos. x 3,000 M.Ton Capacity Condensate Storage Tank (RPGCL) at Ashuganj, B.Barua.

Erection of steel storage tank, the tank will be fixed conical roof and conical bases sloping to a control sump including cost of steel materials such as plates, bars, angles, MS rods, channels, joists etc,

Preparation of site, Land development, Filling of sand, Providing 6" thick layer of crushed aggregate, Providing 2" layer sand bitumen, tanks are to be constructed on a foundation, welding procedures which are to be agreed before construction commences. Welders shall be approved by employers and a record of the welders on site shall be kept joints will be subjected to radiographical inspection. After complete fabrication, the tank shall be tested by filling with water under controlled conditions to ensure that foundation failure does not occur the floor shall be tested with a vacuum box of 51 BS/SQ in top plates shall be tested using soap solution & double test at a pressure of 0.75 Lbs per inch. and Testing of the Tank by filling with clean water and Commissioning of the same, Providing earthing system, Providing 4 (four) sets of calibration charts for the 3,000 M.Ton Tank by taking physical measurement of dips minimum 15cm above the datum plate and volumes following standard strapping method as per standard practice and direction of E/C, Painting of tank and pipe lines, Cement concrete (1:2:4) in foundation with cement 3/4" down graded 1st class picked Jhama chips, 10" or more thick 1st class brick works in foundation with cement mortar (1:4) in/c supply and screening of sand racking out joint, staying, scaffolding etc, Earth filling /back filling the sides of foundation trenches, Earth work in excavation of bound wall foundation trenches, White washing on either side of wall with supply of all necessary men and materials, Writing, lettering of Padma monogram, Construction surface drain, Clearing of site, Construction of oil separator, including supplying, Laying, fabrication & Commissioning of MS pipes of seamless, schedule-40 or API-5L grade-B Pump house, tank and various delivery points including cutting, welding, making necessary bends, Tees, welding of all joints, fixing of flanges, gate valves, non-return valve, pressure release valve etc. Supply and fitting, fixing various sizes standard pipe fittings for the pipe line works, Painting of various MS pipe lines with all fittings, gate valves, etc. including scrapping, cleaning of surface, applying 2 coats of anti-corrosive red oxide primer and 2 coats of aluminum paint with supply of paints and all other men and materials as per direction of Engineer-in-Charge





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Fields of Specialized Activities in Mechanical
Works for Gas Process Plant
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2016

Process Plant

Mechanical Fabrication, Erection of 75mmscfd Capacity Process Plant Location-J, Project: P-252 at B.Baria

Works included following task

- Project Mobilization and Demobilization (Including manpower, equipment, tools and consumable)
- Piping
- Welding
(Consumables, Cutting, Edge Preparation, Shop Fabrication, Installation of UG and AG Piping, Construction Equipment)
- NPS 1/2"
- NPS 1"
- NPS 1½"
- NPS 2"
- NPS 2½"
- NPS 3"
- NPS 4"
- NPS 6"
- NPS 8"
- NPS 10"
- NPS 12"
- NPS 16"
- NPS 20"
- Flange Bolting
- NPS 1/2" to 2"
- NPS 3" to 4"
- NPS 6"
- NPS 8" to 10"
- NPS 12" to 20"
- Pipe Insulation
- 2" Pipe Size
- Excavation and Backfilling for Underground Pipe Installation
- Painting, paint will be supplied by Zicom
- Underground Pipe Coating, Wrapping, materials will be supplied by Zicom
- Aboveground Piping and Support Cleaning, Painting and Touch-up
- Pipe Support Installation (Mechanical)
- Pipe Rack and Pipe Bridge Installation
- Hydrostatic Test (UG and AG)
- Equipment Skid Installation (Platform, Ladder, Grating Installation, Bolt Tightening and Alignment)
- Tank Fabrication, Erection and Testing
- 1000 BBL
- 5000 BBL
- Commissioning (including manpower, tools and consumables)





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2016

Process Plant

Mechanical Fabrication, Erection of 75mmscfd Capacity Process Plant Location-I, Project: P-252 at Sorail

Works included following task

- Project Mobilization and Demobilization (Including manpower, equipment, tools and consumable)
- Piping
- Welding (Consumables, Cutting, Edge Preparation, Shop Fabrication, Installation of UG and AG Piping, Construction Equipment)
- NPS 1/2"
- NPS 1"
- NPS 1½"
- NPS 2"
- NPS 3"
- NPS 4"
- NPS 6"
- NPS 8"
- NPS 10"
- NPS 12"
- NPS 16"
- NPS 20"
- Flange Bolting
- NPS 1/2" to 2"
- NPS 3" to 4"
- NPS 6"
- NPS 8" to 10"
- NPS 12" to 20"
- Pipe Insulation
- 2" Pipe Size
- Excavation and Backfilling for Underground Pipe Installation
- Painting paint will be supplied by Zicom
- Underground Pipe Coating, Wrapping, materials will be supplied by Zicom
- Aboveground Piping and Support Cleaning, Painting and Touch-up paint will be supplied by Zicom
- Pipe Support Installation (Mechanical)
- Pipe Rack and Pipe Bridge Installation
- Hydrostatic Test (UG and AG)
- Equipment Skid Installation (Platform, Ladder, Grating Installation, Bolt Tightening and Alignment)
- Tank Fabrication, Erection and Testing
- 1000 BBL
- 5000 BBL
- Commissioning (including manpower, tools and consumables)





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Fields of Specialized Activities in Mechanical
Works for Condensate Fractionation Plant
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2011

Condensate Fractionation Plant



Mechanical fabrication of all the steel structure, vessels, instruments, insulation and painting all pipe tie in with the existing tanks and utility system, installation of the fire fighting system and tie in with the existing fire water system, electrical erection of all the lighting system plant electrical for all the motors control and assistance in installation and interfacing the PA/Telecommunication with the existing system at Civil works for construction of R.C.C retaining wall, equipment base R.C.C foundation, earth work, control room and ancillary works at Rashidpur condensate fractionation plant,



Sreemongol, Sylhet.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

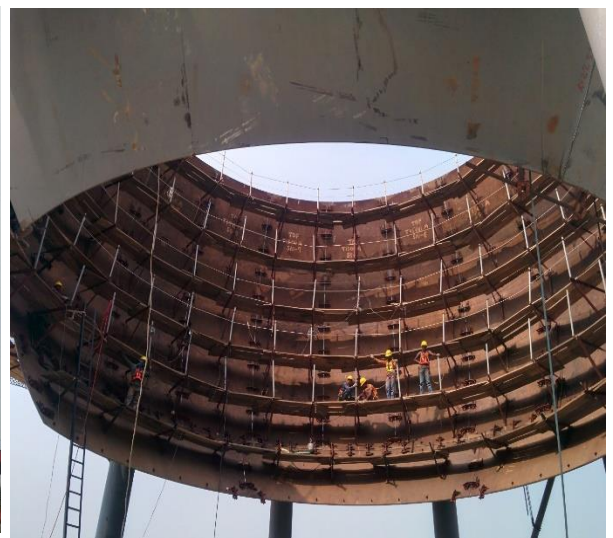
**LGP Import Terminal, Pipeline and LPG
Spherical Storage Tanks
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2016

Fabrication and Erection of LPG Spherical Tanks (2 Units) Supply of materials and fabrication, erection and installation of LPG Spherical Tanks (2 Units, 3004 KL each) at Mongla, Bangladesh at Mongla. Index power and Energy Limited, Gulshan 1, Dhaka





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2015

Marine Terminal and Pipeline Installation Works for LGP Import Onshore Pipeline Installation, Offshore Pipeline Installation, PLEM, CBM System, NDT, Associated Electrical Works and Commissioning and Startup Assistance. BM Energy Bangladesh Limited, Chittagong, Bangladesh





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Fields of Specialized Activities in Mechanical, Piping &
Insulation Work for Gas Compressor Station Project
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2014

Mechanical, Piping & Insulation Work for Compressor Station Project at Elenga. Complete construction of pipeline including fabrication, erection, construction of Compressor, turbine, cooling tower, Hot-Tapping & tie-in, construction of valve station, installation pipeline, welding, coating, holiday detection, trenching, and backfilling, hydro-testing and Assisting in commissioning.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2012

Muchai Compressor Station Project, Complete Fabrication, Erection of Muchai Compressor Station i.e. piping, scaffolding, pipe rack, condensate storage tank including welding, hydrostatic testing, and painting. Muchai, Sreemongal





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

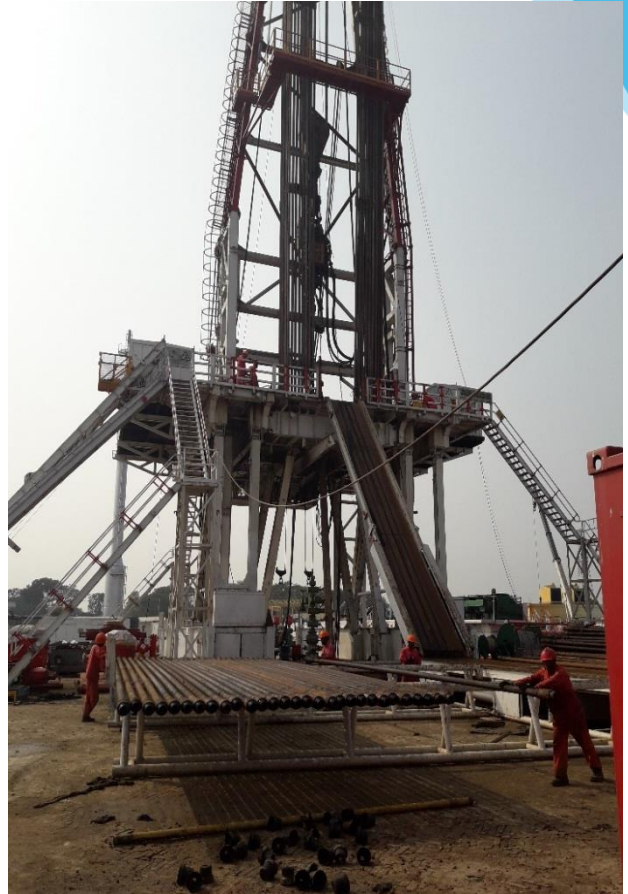
Fields of Specialized Activities of PIPELINERS LIMITED 2016

Mechanical of electrical works as per drawing & design for installation of compressor station at Bakhraabad Gas Field Limited, Muradpur, Comilla

- Construction of Steel Shed for compressor & Engine Room



- Construction of Steel Shed for Generators.
- Pipeline Construction from Tie-in Point at the



existing plant to suction Header and Delivery Header to Tie in Point including Pipe Support etc.

- Installation of Compressors, Engines, Generators, Coolers on the respective Foundations.
- Installation of Suction and delivery Header and tie in with the suction and delivery line.
- Installation of Piping from Safety Valve to Vent
- Installation of pipe from Drain Header to Vent
- Installation of piping from Engine vent to vent.
- Piping from I/A compressor to compressor package
- Installation of Engine and Generator Exhaust Line
- Installation of Compressor Cooler Water Line
- Construction of Steel Platform including all necessary supports.
- Installation of 10 (ten) ton overhead crane in the compressor Room.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Electrical works

- Installation of Power Cable from Generator Room to the Control Room
- Installation of control cable from Control



room to All Equipment under supervision of the Engineer of Equipment supplier M/s KwangShin, Korea.

- Installation of Cable Tray.
- Installation of earthing for equipment.
- Installation Lighting facilities for the compressor room and generator room.
- Installation of lighting facilities for control room including receptacles.
- Installation of Ethernet Cable in the control room.
- Installation of pressurization pump (water



pump) for the control room.

- Installation of Flame Detector.
- Including supply of all consumables like welding electrodes, grinding disc, power brush, fuel etc. including all men, welding machine, lifting equipment: Crane, Jacks with fuel and operator



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Fields of Specialized Activities in Tie-ins works
with adopting Hot Tap Method, Double Staple
Plugging on existing live gas transmission pipeline
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2018

HOT TAPPING

This specification covers the minimum requirements for workmanship and materials used in the 20" dia hot tapping from the existing 24" BKB-CTG pipeline under Section-D: Construction of 42" 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

- Supply all necessary permanent materials such as split tee, full bore 20" Gear operated, ANSI # 600 Ball Valve, flange, gasket and fastener, stud bolts and other materials required for total completion of the work.
-
- Hot Tapping operation and Tie-in :
To provide all sorts of logistic supports to the working crew.
To fabricate a branch off line to make a Tie-in with the off-take made on the main by Hot tapping operation.
- Safety Measurement includes but not limited to the following :
- To take all necessary safety



measures (control area to be marked, firefighting arrangement, N2 effusion arrangement, safety wearing etc.) during the construction phase.

- Deployment of trained, qualified and competent Manpower.
- Deploy trained firefighting unit with all necessary firefighting system equipment.
- Define roles of dedicated personnel and their responsibilities on site.
- Means of escape.

- Emergency exit plan.
- Area cordoned with Caution Board.
- Foreseeable hazards and contingency actions.
- Communication facility at site.
- Provide standard scaffold for working at height.
- Avoid working in rainy season during lightening condition.
- Site specific risk assessment is conducted to plan risk mitigate actions.
- Tool box talk is ensured with all involved and explain activities, risk perceived and it's mitigation plan.
- Deploy persons at emergency isolations valve with communication facilities for contingency action.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

- Appropriate PPE- fire retardant cloth, safety hats, safety shoes, gloves, goggles, welding hood, safety belts etc. is used depending on the nature of job carried out.
- Mobilization :
 - Mobilization of men, materials, machinery and equipment to the work site.
 - Mobilization of Hot tapping machine and other special equipment to the work site.
- Execution of the work including but not limited to the following :
 - To protect the side wall of embankment if necessary.
 - Cleaning of surface of the segment of main.
 - Aligning of the split tee on the surface of the main.
 - Welding of the split tee on the main and assembling of Hot tapping machine.
 - 100% Radiographic test of the all welded joints.
 - To setup the Hot tapping machine on the main through sandwich valve and fitting.
 - Welding a pup piece of pipe OD 20", API-5LX70, 12.7mm W.T and welding of elbows, bends and W.N RF Flange etc. with the downstream of 24" Pipe.
 - To carry out various NDT test UT MPI, Radiography, DPT as per API 1104 and 2201 as applicable for the work depending upon the situation.
 - After completion of Hot tapping operation disengagement of the equipment and withdrawal of re-exportable Hot tapping machine including all other equipment from work site.
 - Wrapping and coating of underground pipes/epoxy coat/mastics. putty. tape and painting of above ground pipes.
 - Split-Tee Welding
 - Production Welding
 - Nondestructive Testing
 - Coating
 - Field Coating Of Fittings, Flanges And Valves
 - Pipe Coating Repair
 - Lowering-In And Backfilling
 - Clean-Up & Reinstatement
 - Tie-Ins to Existing Line/Station
 - Cleaning, Hydrostatic Testing And Drying



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2014

Hot Tapping

Tie-in work by Hot Tapping and Stopple Plugging with fittings together with a 16" bypass line at Elenga Compressor Station Project of Hyundai Engineering Co., Ltd under Gas Transmission Company Limited



The Project was included design, engineering of Tie-in work by Hot Tapping and Double Stopple Plugging.

The project was also included procurement & supply of all Tie-in work by Hot Tapping and Double Stopple Plugging related materials, consumable items for this Tie-in work by Hot Tapping and Stopple Plugging.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before laying of line pipe of Tie-in work by Hot Tapping and Stopple Plugging





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2012

Hot Tapping

Supply of Hot Tapping Fittings/materials for Hot-tapping and Tie in of main line (10.75" OD) with BKB-CTG 24"OD transmission line and installation of 10" Gas operated actuator Ball Valve at Bizra, Laksham & Tis-in with 10.75" OD Line of Section B at Enayetpur, Hajigong under Construction of about 24 Km 273.05mm (10.75") OD High Pressure Natural Gas Transmission Pipeline from Bizra Off-Take, Laksham to Enayetpur Mouza, Hajiganj under Gas Transmission Company Limited



The Project was included design, engineering of Tie-in work by Hot Tapping and Double Stopple Plugging.

The project was also included procurement & supply of all Tie-in work related materials, consumable items for this Tie-in work by Hot Tapping.

- Works performed in tropical or monsoon climatic areas.
- Wet and Marshy type terrain
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before laying of line pipe of Tie-in work by Hot Tapping.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2007

Hot Tapping

Tie-ins works with existing 24" OD B-B mainline at Dhanua by making an off-take of 20" OD adopting Hot Tapping method including design, engineering, procurement and construction under Construction of 20" OD 60km high pressure (1000 psig) gas transmission pipeline from Dhanua (Gazipur) to Aminbazar (Savar) ADB financed international project for Dhaka Clean Fuel Project, GTCL Part



- Mobilization of manpower and construction equipment/camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before laying of line pipe of Tie-in work by Hot Tapping.

The project was included design, engineering of Tie-in work by Hot Tapping and Double Stopple Plugging.

The project was also included procurement & supply of all Tie-in work by Hot Tapping and Double Stopple Plugging related materials, consumable items for this Tie-in work by Hot Tapping and Stopple Plugging.

- Works performed in tropical or monsoon climatic, Hilly and Forest Area





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2005

Hot Tapping

Engineering, Procurement & Construction of 1 No. 12" DN API -5L X 56/52 offtake on the 20" Bakhrabad -Demra pipeline in between Meghna -Gomti Bridge towards Comilla by Hot Tapping Method on Turn Key Basis. The Work also includes construction of 12" Dia x 1000 PSIG pipeline from Hot Tapping point upto the inlet valve of TBS.

The project was included procurement & supply of all Tie-in materials by Hot Tapping related materials, consumable items for this Tie-in work.

- Works performed in tropical or monsoon climatic areas.
- Ground condition with low bearing capacity
- Mobilization of manpower and construction equipment/ camp to work site.
- Use of right-of-way for much of the transportation of plant, supply of equipment and materials.
- The project works were



included land development, right of grading, pipe stringing, welding, and radiography on each welding joint, hydrostatic testing before laying of line pipe of Tie-in work by Hot Tapping.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

**Fields of Specialized Activities in Insulation works
on Gas & Condensate Process Plant Equipment,
Power Plant Equipment etc.
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2016

Insulation work

Insulation work for Siddirganj CC Power Plant and Ashuganj CC Power Plant , Siddirganj & Ashuganj, Bangladesh, Suaval Group, Spain, Construction Period: 2016, Contract Value: BDT 25 Million





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2015

Construction of Fuel Gas and Water Intake Line at Siddirganj 335 MW CCPP, Siddirganj, Bangladesh
of EGCB, Construction Period: 2014-2015, Contract Value: BDT 50 Million





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

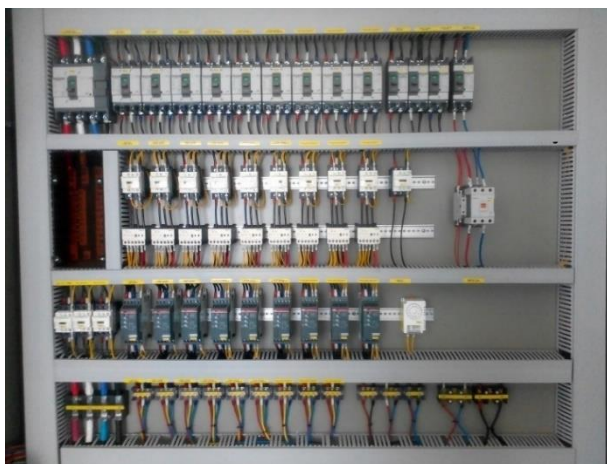
**Instrumentation and Cabling works for Gas &
Condensate Process Plant Equipment, Power Plant
Equipment etc.
of
Pipeliners Limited**



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Fields of Specialized Activities of PIPELINERS LIMITED 2016

Auto Refueling by Integrated PLC System Under Aviation Fuel (Jet-A1) Hydrant System Project at Hazrat Shahjalal International Airport, Dhaka, Bangladesh, Padma Oil Company Limited, Construction 2013 – 2016, Contract Value: BDT 330 Million





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Civil Works of Pipeliners Limited



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Civil Construction Works of PIPELINERS LIMITED 2016

Civil construction works including all shed with CI roofing for Process Plant Location-I, Project: P-252 at Sorail.

Works included following task

- 13 Skid Foundation
- RCC Road
- Area Lighting Post Foundation
- Walkway
- Net Fencing Post Foundation
- Recycle Pump Foundation
- Diesel & Jockey Pump Foundation
- Flare Stack
- Water Bath Heater
- Reserve Water Tank
- Unpaved Area
- Master & Surface Drain
- Condensate Bund wall
- Loading Station
- Condensate Pump Skid Foundation
- Diesel Tank Foundation
- Foam Tank Foundation
- Flare Control Panel Foundation
- Earthing Pit
- Gas/Air Cooler, Heavy RCC Support & Pipe Rack Foundation
- Deep Well Pump Foundation
- Fire Hydrant Box Foundation
- Normal Pipe Support
- Cable Tray Support
- Burn Pit
- Condensate Tank Foundation
- API Separator & Skim Pit (Final)
- Flame, Junction Box, DPT & Chart Recorder Foundation
- Soak Pit
- Fire Water Reservoir
- Teg Contactor Tower Foundation
- Post Valve Indicator
- Temporary HBB Road
- All Shed
- Generator Building (with rain water pipe drain)
- Operation Building (with rain water pipe drain)
- Security Walk Way
- Workshop Building (with rain water pipe drain)





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Civil Construction Works of PIPELINERS LIMITED 2016

Civil construction works including all shed with CI roofing for Process Plant Location-J, Project: P-252 at B. Baria.

Works included following task

- 13 Skid Foundation
- RCC Road
- Area Lighting Post Foundation
- Walkway
- Net Fencing Post Foundation
- Recycle Pump Foundation
- Diesel & Jockey Pump Foundation
- Flare Stack
- Water Bath Heater
- Reserve Water Tank
- Unpaved Area
- Master & Surface Drain
- Condensate Bund wall
- Loading Station
- Condensate Pump Skid Foundation
- Diesel Tank Foundation
- Foam Tank Foundation
- Flare Control Panel Foundation
- Earthing Pit
- Gas/Air Cooler, Heavy RCC Support & Pipe Rack Foundation
- Deep Well Pump Foundation
- Fire Hydrant Box Foundation
- Normal Pipe Support
- Cable Tray Support
- Burn Pit
- Condensate Tank Foundation
- API Separator & Skim Pit (Final)
- Flame, Junction Box, DPT & Chart Recorder Foundation
- Soak Pit
- Fire Water Reservoir
- Teg Contactor Tower Foundation
- Post Valve Indicator
- Temporary HBB Road
- All Shed
- Generator Building (with rain water pipe drain)
- Operation Building (with rain water pipe drain)
- Security Walk Way
- Workshop Building (with rain water pipe drain)





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Civil Construction Works of PIPELINERS LIMITED 2009

Civil Construction of Nasir Glassware & Tube Industries Ltd. at Sohaghpur, Mirzapur, Tangail, Package-6: 4 Nos. of 5 storied buildings and 1 No. 6 storied building.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Civil Construction Works of PIPELINERS LIMITED 2016

Civil, mechanical of electrical works as per drawing & design for installation of compressor station at Bakhrabad Gas Field Limited, Muradpur, Comilla

- Piling of Control Building, Heat Exchanger, Compressor & Generator.
- Foundation of Heat Exchanger
- Foundation for Compressor.
- Foundation for Generator
- RCC slabs and road
- Including supply of civil materials like, d-formed bar, cement, sand, stone chips, bricks chips and bricks including shuttering materials and civil construction related machineries and equipment, wall paints and labour for the said civil works and all materials source will be local market of Bangladesh.





ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

List of Manpower of PIPELINERS LIMITED



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

List of Manpower of PIPELINERS LIMITED

SI No.	Name	Educational Qualification	Position	Years of General Experience	Years of Specific Experience
A	Dr. A.Z.M. Obaid Hussain	B.Sc Mechanical Engineering M.Sc, PhD	Project Director	42 Years	7 Years
	Engr. Saiful Hasan	B.Sc Mechanical Engineering	Project Manager	9 Years	8 Years
	Engr. Md. Waheduzzaman	B.Sc Mechanical Engineering	Project Engineer	7 Years	7 Years
	Engr. Tariq Bin Hussain	B.Sc. Mechanical Engineering	Project Engineer	7 Years	7 Years
	Md. Gaush Uddin Mahmud	B.Sc. Electrical Engineering	QA/QC Certification Engineer	10 Years	8 Years
	Welding Inspector	Radiographer and Radiographic Technician will be provided by Subcontract			
	Mr. Md. Alamgir Hossain	B.Com	Logistic Manager	17 Years	14 Years
	Mr. Mohammad Shah Alam	M.Com, CA 1 st Part	Finance Manager	15 Years	12 Years
	Mr. Hadayetullah	S.S.C	Foreman	32 Years	32 Years
	Mr. Anamul Haque	H.S.C		18 Years	8 Years
	Mr. Ibrahim	Trade Crose		32 Years	32 Years
	Mr. Mohammed Saidul	International Grade		7 Years	5 Years
	Mr. Tajul Islam	Grade B	Welders	26 Years	26 Years
	Mr. Abu Taher	Grade B		22 Years	22 Years
	Mr. Lutfar Rahman	Grade B		24 Years	24 Years
	Mr. Md. Abul Hasan	International Grade		20 Years	20 Years
	Mr. Md. Barak Miah	International Grade		10 Years	10 Years
	Mr. Joynal Abedin	International Grade		22 Years	20 Years
	Mr. Md. Dulal Fakir	International Grade		7 Years	7 Years
	Mr. Jomer Uddin	International Grade		14 Years	10 Years
	Mr. Md. Samad Miah	International Grade		31 Years	30 Years
	Mr. Md. Momen Nur Rahman	International Grade		7 Years	7 Years
	Mr. Md. Mostafazur Rahman	International Grade		9 Years	9 Years



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SI No.	Name	Educational Qualification	Position	Years of General Experience	Years of Specific Experience
	Mr. Mukul	International Grade		12 Years	10 Years
	Mr. Rony Miah	International Grade		14 Years	10 Years
	Mr. Md Ikbal Hossain	Grade-B		9 Years	9 Years
	Mr. Mohammad Ali	International Grade		16 Years	12 Years
	Mr. Md. Ataur Rahman	International Grade		19 Years	18 Years
	Mr. Mohammad Sohel	Grade-B		13 Years	11 Years
	Mr. Md. Forhad	International Grade		15 Years	14 Years
	Mr. Md. Main Uddin	Grade-B		29 Years	21 Years
	Mr. Md. Shamsul Alam	Grade-B		31 Years	28 Years
	Mr. Md. Siddique	International Grade		16 Years	14 Years
	Mr. Md. Abdus Sattar	International Grade		15 Years	13 Years
	Mr. Md. Ripon Mondol	International Grade		13 Years	11 Years
	Mr. Md. Ohidul Islam	International Grade		10 Years	10 Years
	Mr. Md. Rajib Hossain	International Grade		10 Years	10 Years
	Mr. Md. Hossin	International Grade		10 Years	10 Years
	Mr. Md. Mohammad Belal Ali	International Grade		12 Years	10 Years
	Mr. Md. Hasan	International Grade		14 Years	10 Years
	Mr. Md. Mojahid	International Grade		12 Years	10 Years
	Mr. Abul Hossain	International Grade		9 Years	9 Years
	Mr. Abdul Latif	Grade-B		32 Years	32 Years
	Md. Sherajul Islam	International Grade		12 Years	11 Years
	Mr. Golam Mostafa	International Grade		10 Years	10 Years
	Mr.Md. Din Islam	International Grade		10 Years	10 Years
	Mr. Md. Amirul Islam	International Grade		10 Years	10 Years
	Mr. Md. Humayun Kabir	Grade-B,	Fitter	21 Years	21 Years
	Mr. Rashedul Islam	Grade-B,		11 Years	10 Years
	Mr. Konesh Miah	Grade-B,		11 Years	10 Years
	Mr. Arif	Grade-B,		11 Years	10 Years



ISO 9001:2015, ISO 14001:2015
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SI No.	Name	Educational Qualification	Position	Years of General Experience	Years of Specific Experience
	Mr. Bakibillah	Dakhil	Store Keepr	20 Years	16 Years
	Mr. Muntaz Uddin	Dip-in-Survey 2008	Surveyor	6 Years	5 Years



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ISO 45001:2018

List of Major Construction equipment and machinery of PIPELINERS LIMITED



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

List of Major Construction equipment and machinery of PIPELINERS LIMITED

Item No.	Description Capacity, Make & Model	Quantity of Item	Year of Manufacture	Present Condition	Present Location
A	CONSTRUCTION PIPELINE/ STEELTANK/STRUCTURE/ Sideboom Pipelayer				
1.	CATERPILLAR D8K PIPELAYER CONVERTED BY MIDWESTERN SERIAL NUMBER:77V3329	1 Unit	2008	Good	-do-
	CATERPILLAR D8K PIPELAYER CONVERTED BY MIDWESTERN SERIAL NUMBER:77V5647	1 Unit	2008	Good	-do-
	CATERPILLAR D8K PIPELAYER CONVERTED BY MIDWESTERN SERIAL NUMBER:77V9608	1 Unit	2008	Good	-do-
	Caterpillar Pipelayer CAT MD7G Serial No. 92V050526 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT MD7G Serial No. 92V12203 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 571G Serial No. 16W383 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 571G Serial No. 6N7986-8 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 561C Serial No. 92J0220 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 561C Serial No. 92J0182 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 561C Serial No. 92J273 E/W 20' Boom	1 Unit	2004	Good	-do-
	Caterpillar Pipelayer CAT 561C Serial No. 92J588 E/W 20' Boom	1 Unit	2004	Good	-do-
2.	Welding				
	Miller Big Blue 500XCC, 700Amps	15 Units	2012	Good	-do-
	LINCOLN TITAN -701, Series-II	8 Units	2009	Good	-do-
	Welding Generator Capacity: 700 Amps				
	LINCOLN Welding Generator Capacity: 500 Amps	18 Units	1996	Good	-do-
	LINCOLN Welding Generator Capacity: 400 Amps	16 Units	2006	Good	-do-
	CRANE TADANO Wheel Mounted Capacity: 25 Ton	1 Unit	2002	Good	-do-
3.	Prime Mover, K46RT Model: Nissan, S/N 80223 with 30 Ton Low Bed Trailer	1 Unit	2007	Good	-do-
4.	Tractor Dhaka Metro-E 0022	3 Unit	2003	Good	-do-
	Trolley	6 Unit	2002	Good	-do-
5.	Oxy Acetylene Cutting Rotary Pipe cutting and Beveling machine	2 Units	2001	Good	-do-
6.	Air Compressor 100/250 CFM Model Airman PDS 125S Serial No. 54M4041079 Engine: 312885	1 Unit	2006	Good	-do-
	Model Denyo DPS 180 SSB Serial no. 3603867 Engine: 006397	1 Unit	2006	Good	-do-
B.	EARTH WORK				
1.	Bull Dozer				
	* Chain Dozer Caterpillar D-6	1 Unit	1999	Good	Dhaka
	* Chain Dozer Caterpillar D-5	1 Unit	1997	Good	-do-



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Item No.	Description Capacity, Make & Model	Quantity of Item	Year of Manufacture	Present Condition	Present Location
2.	Hydraulic Excavator				
	* Caterpillar Excavator, Model: 225 Serial No. 76U4591, Capacity: 0.9m ³	1 Unit	1996	Good	-do-
	* Kobelco Excavator Model: SK12, Serial No. LC1578 Capacity: 1.2m ³	1 Unit	1996	Good	-do-
	* Kobelco Excavator Serial No. YN12498, YN 12257 Capacity: 0.7m ³	2 Units	1996	Good	-do-
8.	Holiday Detector	3 Units	2004	Good	-do-
9.	De-watering Pump 2" –4" Suction/Delivery	10 Units	2009	Good	-do-
10.	Fill & Test Pump SABRE FT-83, 3,500 PSIG	1 Unit	2002	Good	-do-
11.	Line Traveling Hand Driven Wrapping Machine	4 Units	2005	Good	-do-
12.	Tools & Plants				
	* Hand winch 10 Ton	4 Nos.		Good	-do-
	* Chin Pulley 1.5 Ton to 10 Ton	15 Nos.		Good	-do-
	* Sher leg and Pulley blocks 2 to 10 Tons	30 Nos.		Good	-do-
	* External Line up clamp 8" dia to 20" dia	20 Nosl.	2001	Good	-do-
	* Internal line up clamp 20" dia to 20" dia	1 No.	2005	Good	-do-
13.	Plate Bending machine 8ft machine	1 No.	2003	Good	-do-
14.	Transformer welding set (local made)	10 sets	2006	Good	-do-
C.	DEEP TUBEWELL CONSTRUCTION EQUIPMENT, TOOLS AND PLANT				
1.	Hydraulic Rig Capable of Drilling 24" to 28" dia hole upto 450 ft Deep	1 Set	2006	Good	-do-
2.	Mud Pump & Hose Pipe	1 Sets	2005	Good	-do-
3.	Drilling Pipe and M.S. Cutter	2 Sets	2002	Good	-do-
4.	Welding Generator 400 Amps	3 Sets	2006	Good	-do-
5.	Air Compressor 100 psig	3 Sets	2006	Good	-do-
6.	Lighting Generator 30 KVA	1 Set	2006	Good	-do-
D	PILING EQUIPMENT				
	* CAST-IN-SITU BORE PILE/SAND PILE CONSTRUCTION				
1.	Diesel Engine Driven winch (single drum) 60 HP Dorman/Ruston	5 Sets	2005	Good	-do-
2.	Motor Driven winch (40 HP Motor)	2 Sets	2005	Good	-do-
3.	8" dia M.S. pipe Tripod 44' High with cross Bar Made of Channel, Angle etc.	5 Sets	2005	Good	-do-
4.	Drilling Rod 120 ft long 4½" dia	5 Sets	2005	Good	-do-
5.	Bailer 1½" to 2 Ton weight 20' Long	5 Sets	2005	Good	-do-
6.	M.S. Cutter Star Shape/Chisel (18", 20", 24", 30" dia)	8 Sets	2005	Good	-do-
7.	Swivel Head with Rubber Hose Pipe, Pulley, Wire Rope etc.	8 Sets	2005	Good	-do-
8.	Surface Water Pump/centrifugal Pump Diesel Engine Driven & Motor Driven 40 HP	6 Sets	2008	Good	-do-
9.	Concrete Bucket and Funnel	10 Sets	2005	Good	-do-



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Item No.	Description Capacity, Make & Model	Quantity of Item	Year of Manufacture	Present Condition	Present Location
10.	Trimie Pipe 10ft/15ft Length each piece total 100 ft.	10 Sets	2005	Good	-do-
E	LIGHTING GENERATOR				
1.	Standby Generating Set, 100 KVA PETBOW BF 80, 400/2230V, 3 PHASE Coupled Cummins Engine model 6BT5.902	1 No.	2007	Good	-do-
2.	150 KVA ELCO ENGLAND	1 No.	2007	Good	-do-
F.	CONCRETE WORKS				
1.	Concrete Mixer machine – China made 7.5 cft	2 Nos.	2007	Good	-do-
2.	Concrete Mixer machine local made 5 cft	8 Nos.	2007-09	Good	-do-
3.	Concrete Vibrator with nozzles 1½ dia 1" dia China made	8 Nos.	2005-09	Good	-do-
4.	Slump cone	4 Nos.	2007-09	Good	-do-
5.	Concrete test cubes	8 Sets	2008-09	Good	-do-
G.	RE-BAR FABRICATION/FORM MATERIAL				
1.	M.S Bar Cutting & Bending Tools & Plant	8 Sets	2006-09	Good	-do-
2.	Steel Scaffolding Material	4000 ft.	2006-09	Good	-do-
3.	Steel Form	10000 ft ²	2007-10	Good	-do-
H	MECHANICAL AND ELECTRICAL				
1.	Mobile Lifting hoist height 20m capacity 1 Ton	1 Unit	2006	Good	-do-
2.	Jim Pole, height 15m, Capacity 1.5 Ton	1 Unit	2008	Good	-do-
3.	Hydraulic jack upto 20 Tons	12 Nos.	2009	Good	-do-
4.	Hilti Shoot Gun	1 Unit	2008	Good	-do-
5.	Hammer Drill machine	4 Unit	2009	Good	-do-
6.	Oxy Acetylene Gas Welding/Cutting Set	12 Nos.	2005-09	Good	-do-
7.	Oxy Hydrogen Welding Set	2 Nos.	"	Good	-do-
8.	Ratchet Pulley	6 Nos.	"	Good	-do-
9.	Draw Vice	3 Nos.	"	Good	-do-
10.	Blow lamp with accessories for cable jointing	8 Nos.	"	Good	-do-
11.	Clip on Ammeter	1 no.	"	Good	-do-
12.	Cable Drum Turning Stand	4 Nos.	"	Good	-do-
13.	Cable Drum Turing Table	1 No.	"	Good	-do-
14.	Electrical Soldering Gun 220 V	6 Nos.	"	Good	-do-
15.	Mechanical Hand Tools Table A. Electrical Drill (Hand) B. Hack Saw C. Rectangle D. Hammer Set E. Screw Driver Set F. Wrench Set (in wooden tool box)	20 Nos.	"	Good	-do-
16.	Electrical Hand Tools like A. Electrical Hand Drill B. Hack Saw C. Pliers D. Cutting Pliers E. Nose Pliers F. Wire scrapers G. Set of Screw Drivers (Portable)	20 Nos.	"	Good	do



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Item No.	Description Capacity, Make & Model	Quantity of Item	Year of Manufacture	Present Condition	Present Location
I.	CONCRETE /PAVEMENT BREAKER				
1.	Okada UB17A Hydraulic Breaker model: UB17A-2 Serial no. U17-15A-328	1 Unit	1999	Good	do
2.	Pneumatic Breaker	2 Units	1998	Good	do
3.	12" Concrete cutter Model: NCD-012 Micassa Brand, Japan	1 Unit	1998	Good	do
	OTHERS				
1.	Shear leg and Pulley Block 2 to 10 Ton local made	25 Nos.	2001-09	Good	do
2.	Leveling Instrument	2 Nos.	1994	Good	do
J.	OFFICE EQUIPMENT				
1.	PERSONAL COMPUTER Desk Top PC	24 Nos.	2012-17	Good	do
2.	PLAIN PAPER COPIER Sharp AR-5520 Sharp AR-5616 Sharp AR-5316E Canon Model NP1215 SL. PBK50427 Canon Model NP1215 SL. DSZ21120	5 Nos.	2005-10	Good	do
3.	PANASONIC FAX MACHINE	2 Nos.	2005-09	Good	do
4.	COMPUTER PRINTER	24 nos.	2002-2010	Good	do
5.	Hewlett Packard Scanner Model HP SCANJET 6350C, SLSG9BP1625V Epson Perfection V200 Photo CanoScan i220	4 No.	2000	Good	do



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ISO 45001:2018

**Our Major Clients (State Owned Government Entity
of Gas and Oil Sector)**



ISO 9001:2015, ISO 14001:2015
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Our Major Clients (State Owned Government Entity of Gas and Oil Sector)



Bangladesh Oil, Gas and Mineral Corporation
"Petrobangla"



Bangladesh Petroleum Corporation (BPC)



Gas Transmission Company Ltd.



Padma Oil Company Limited



Bakhrabad Gas Distribution Company Ltd.



Meghna Petroleum Company Limited



Titas Gas Transmission & Distribution Co.
Ltd.



Jamuna Oil Company Limited



Karnaphuli Gas Distribution Company Ltd.



Bangladesh Gas Fields Limited



Pashchimanchal Gas Company Limited



Sylhet Gas Fields Company Limited



Jalalabad Gas T & D System Limited



Barapukuria Coal Mining Company Limited



Sundarban Gas Company Limited



Maddhapara Granite Mining Company Limited



Rupantarita Prakritik Gas Company Limited



Bangladesh Petroleum Exploration and Production
Company Limited



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**Our Major Clients (Other than State Owned Entity
of Power and Energy Sector in Bangladesh)**



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ISO 45001:2018

Our Major Clients (Other than State Owned Government Entity of Power and Energy Sector in Bangladesh)



Chevron Bangladesh Ltd.



BM Energy BD Ltd.



Hyundai Engineering Co., Ltd.



Index Energy & Power LTD



Total Gaz.



Youth Group, Bangladesh



Isolux Corsan, Spain.



Summit Power



Foster Wheeler



Max Power.



ZICOM Equipment Pte Ltd



Intraco



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Financial Statement of Pipeliners Limited



Financial Situation on basis of Construction Turn-Over

Date: July 2019

1. Financial data

Type of Financial information in (currency)	Historic information for previous 5 years (amount in BDT)				
	Year 1 2019	Year 2 2018	Year 3 2017	Year 4 2016	Year 5 2015
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)	553,166,559	478,419,701	454,427,402	391,896,338	247,629,818
Total Liabilities (TL)	552,166,559	477,419,701	453,427,402	390,896,338	246,629,818
Net Worth (NW)	507,752,007	413,211,442	365,675,845	296,256,383	65,418,525
Current Assets (CA)	559,148,502	447,889,221	419,653,565	352,219,794	228,864,069
Current Liabilities (CL)	78,250,066	95,738,741	123,525,394	95,639,830	182,211,293
Information from Income Statement					
Total Revenue (TR)	1,427,089,894	413,057,815	361,971,982	589,544,368	471,979,562
Profits Before Taxes (PBT)	184,799,461	80,497,445	46,561,401	121,912,737	99,105,423
Profits After Taxes (PAT)	92,338,875	51,778,953	29,729,240	79,243,279	64,418,525

2. Financial documents

We will be able to provide copies of the financial statements for any years pursuant to the prequalification criteria or Evaluation and Qualification Criteria, as appropriate. The financial statements shall:

- (a) reflect the financial situation of our firm
 - (b) be independently audited or certified in accordance with local legislation.
 - (c) be complete, including all notes to the financial statements.
 - (d) correspond to accounting periods already completed and audited.
- ☐ Attached are copies of financial statements* for the [number of years] years required above; and complying with the client requirements.



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Average Annual Construction Turnover

[The following table shall be filled in for the Bidder and for each member of a JV.]

Date: July 2019

Annual Turnover Data (Construction only)			
Year	Amount and Currency	Exchange rate (Not Applicable)	BDT
2019			1,427,089,894
2018			413,057,815
2017			361,971,982
2016			589,544,368
2015			471,979,562
Total Turnover last five years			3,263,643,621
Average Annual Construction Turnover *			652,728,724.20

* Total BDT for all years divided by the total number of years, in accordance with the Prequalification criteria or Evaluation and Qualification Criteria.



ISO 9001:2015, ISO 14001:2015
ISO 45001:2018

Financial Resources from Construction Turn-Over

Date: July 2019

[Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Evaluation and Qualification Criteria]

Financial Resources		
No.	Source of financing	Amount (BDT)
1	Bank Commitment Letter for revolving line credit from Islami Bank Bangladesh Limited vide their letter ref. IBBL/RAMNA/INV/2017/08 dtd. 03 January 2017	150,000,000.00
2	Net working capital showing in the Balance Sheet 2018-2019	507,752,007.00
	Total	446,256,383.00