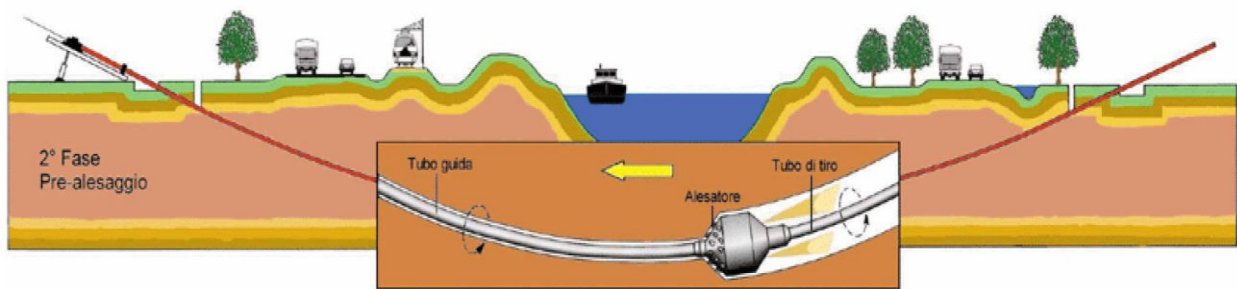




**CONSTRUCTION OF 24" DIA HIGH PRESSURE PIPELINE
CROSSING THROUGH HORIZONTAL DIRECTIONAL
DRILLING (HDD) AT JALALPUR PIWALA IN
PUNJAB PROVINCE**



TENDER ENQUIRY NO. SNGPL/NP&D/HDD/TL/01/25-09

TENDER DOCUMENTS

**NETWORK PLANNING & DESIGN DEPARTMENT
GAS HOUSE, 3RD FLOOR, 21-KASHMIR ROAD
LAHORE-PAKISTAN**



Sui Northern Gas Pipelines Limited



SIGNED & STAMPED CHECK LIST OF DOCUMENTS TO BE SUBMITTED BY BIDDER IN THE BID

Bidder is essentially required to mark (√) in Column (1) & (2) of the table below:

Sr. No.	Description	Attached (1)	Not Attached (2)
a.	Form of Application duly filled by the bidder		
b.	Form of Bid duly filled by the bidder		
c.	Duly signed, filled and stamped each page of tender documents.		
d.	In case of Joint venture, JV agreement duly signed by all the JV parties on legal paper along with declaration of the lead partner firm and execution firm.		
e.	Details of company's HSE and QA/QC procedures.		
f.	Company's details covering Company's Name, Business & Origin, year of incorporation, staff strength, legal status, organogram, Contact address in Pakistan and official email address		
g.	Copy of Bid Bond / Earnest Money		
h.	Proof of financial Soundness. The bidder shall submit last three year audited financial statements/ reports.		
i.	Details of HSE arrangements at site and undertaking to ensure Compliance with the HSE requirements as mentioned in Annexure-A and any amendments communicated from time to time.		
j.	Contractor's HSE Statement to be filled as per proforma attached as " Annexure-B "		
k.	List of relevant HDD projects/contracts executed during the last 10 years & relevant projects in hand with completion certificates / relevant proof documents as per Performa attached as Annexure-C		
l.	Proof of ownership and 3 No. photographs of HDD machine with its manual/technical specifications. Please fill the details of HDD machine to be deployed as per Performa attached as Annexure-D . List of the construction equipment other than HDD machine to be deputed on this project.		
m.	PEC registration in appropriate specialization codes and financial limits (C4 or above), valid NTN, Professional Tax and PRA (Punjab Revenue Authority) registration certificates. Compliance to PEC bye laws are mandatory. Foreign contractor companies not registered with PEC & Federal Board of Revenue, Pakistan shall have to submit an undertaking to get themselves registered with PEC and obtain NTN number from FBR before the commencement of works.		
n.	Resumes / CVs of the Key Project Staff to be deployed on this project.		
o.	Detailed Methodology proposed for carrying out the horizontal directional drilling. This shall also include the details of computerized		



	facilities to be made available at site to assist the directional drillers in determining distances to target and changes in trajectory needed to obtain the target centers, the details of proposed logistics and other arrangements of transporting machinery and equipment with material to the site.		
p.	Proposed Construction Schedule. Bidder shall provide a Schedule in a bar – chart showing the time and sequence of work items by which he proposes to complete the Works of the entire Contract.		
q.	The contractor shall submit approximate area of land required at both sides / approaches of the site for machinery operations		
r.	Affidavit declaring that the company is not Black listed by any Government or Public Sector Organization in Pakistan.		
s.	Integrity Pact as per format in section 15 of the tender document.		
t.	Undertaking on stamp paper for payment of damages to the Company property by the contractor as per clause 7.10.		
u.	Undertaking / Indemnity For Financial Loss Against Sales Tax / Provincial Sales Tax		
v.	Any other documents which you may wish to enclose in support of technical qualification		



Contents

Company Brief.....	5
Project Background:	5
1. Invitation to Bidders:	5
2. Instructions to Bidders	7
3. Form: Letter of Application.....	14
4. Form of Bid.....	15
5. Form of Contract.....	17
6. General Terms & Conditions.....	18
7. Special Conditions of The Contract.....	23
8. Scope of Work	25
9. List Of Documents To Be Submitted	28
10. Evaluation Criteria	30
11. Schedule of Requirement (SOR) / Bill of Quantities (BOQ).....	31
12. General Specification	32
13. Specimen: Bid Bond.....	34
14. Form of Performance Security in the form of Guarantee.....	35
17. Integrity Pact.....	37
16. Form of Bank Guarantee for Advance Payment	37
17. Form of Sales Tax/Provincial Sales Tax Undertaking.....	38
18. Drawings and Location Maps.....	39



Company Brief

Sui Northern Gas Pipelines Limited (SNGPL) is the largest integrated gas company serving more than 7.22 million consumers in North Central Pakistan through an extensive network in Punjab, Khyber Pakhtunkhwa & Azad Jammu and Kashmir. The company's detailed profile may be viewed at company website i.e. (www.sngpl.com.pk).

Project Background:

Sui Northern Gas Pipelines Limited (SNGPL), the largest integrated natural gas public sector utility company of Pakistan, intends to undertake the rehabilitation works of 24" x 600 meters high pressure natural gas pipeline at Jalalpur Pirwala, district Multan, through HDD mode. Transmission pipeline has been exposed by severe scouring under flood conditions due to erosion of bed cover over the pipeline by the flash floods in rainy season. In this regard, Company invites interested contractors, companies / firms / joint ventures for the construction of 24" dia high pressure natural gas steel pipeline through horizontal directional drilling (HDD) mode in Punjab Province, district Multan.

Tender is open to contractor companies / Joint Ventures registered with Pakistan Engineering Council (PEC), Punjab Revenue Authority (PRA) and having Valid NTN number. Registration with Pakistan Engineering Council (PEC) for appropriate Category is mandatory for all local and foreign companies. Foreign contractor companies not registered with PEC & Federal Board of Revenue, Pakistan shall have to submit an undertaking to get themselves registered with PEC and obtain NTN number from FBR before the commencement of works.

1. Invitation to Bidders:

1.1 Introduction

Sui Northern Gas Pipelines Limited (SNGPL) invites sealed bids on a "Single Stage Two Envelope basis" from contractor companies / firms / JV's specialized in Horizontal Directional Drilling for carrying out works as in Clause 8.1 of Section 8 (Scope of Work). The successful bidder shall be selected to carry out the HDD as per scope of work and any addendums thereof through Horizontal Directional Drilling.

1.2 Correspondence Address

All correspondence with regards to this tender shall be directed to the following address.

"General Manager (NP&D)"
3rd Floor, Gas House
21- Kashmir Road, Lahore
Ph. No. 042 – 99201376
Email ID: saulat.lone@sngpl.com.pk
tauseef.karim@sngpl.com.pk



1.3 Time Schedule for submission and opening

The technical & financial bids of the bidders shall reach us at the above address as per advertisement /PPRA/EPAD.

No consideration shall be given to tenders arriving late or submitted to offices other than the address in 1.2 above. One representative of the bidder may attend the Bid Opening Meeting.

The date of opening of financial proposal would be notified later.

1.4 Tender Enquiry No.

This Tender shall be referred to the Tender Enquiry No. SNGPL/NP&D/HDD/TL/01/25-09 for all correspondence and bidding purposes.

1.5 Procedure

- 1.5.1 The technical and financial proposals shall be submitted on a "Single stage Two Envelope Basis" in two separate sealed envelopes, one marked as "Technical Proposal" containing documents as per details given in 9.1 of section 9 and the other marked as "Financial Proposal" containing documents as per details given in 9.2 of section 9. Following must also be written in Capital Letters on each envelope:

**CONSTRUCTION OF 24" DIA HIGH PRESSURE GAS TRANSMISSION
PIPELINE CROSSING THROUGH HORIZONTAL DIRECTIONAL
DRILLING (HDD) AT JALALPUR PIRWALA**


(Name of Works as in Clause 8.1 of Section 8 Scope of work)

Tender Enquiry No: As in Clause 1.4 (Tender Enquiry No)

And Not to Be opened Before (for technical proposal only): Date & Time as in 1.3
(Time Schedule for Submission and Opening)

1.6 Acceptance / Rejection Criteria

- 1.6.1 SNGPL reserves the right to accept or reject any or all bids without assigning any reason thereof. The Bidder shall have no claim or cause of action against SNGPL for the rejection of the proposal.
- 1.6.2 Conditional offer or offer with Deviation from conditions of contract or other requirements stipulated in this tender document is likely to be rejected.
- 1.6.3 The Bids shall be accompanied by a bid bond in accordance with the requirements Clause 2.2 (Bid Bond) with a value of Rs. 0.5 Million. The Bid Bond shall be valid for at least (120) days from the date of bid opening. No Bids shall be acceptable without a bid bond.


(Saikat Rashid Lone)
General Manager
Network Planning & Design
Sui Northern Gas Pipelines Limited



2. Instructions to Bidders

2.1 Definitions

- 2.1.1 **Sui Northern Gas Pipelines Limited:** abbreviated as SNGPL is a company registered under the statutes of Pakistan, hereinafter interchangeably called the "Employer" or "Company" or "SNGPL" and includes any Successor-in-interest or assignees.
- 2.1.2 **Contractor / Firm:** means Second Party, the persons, firm or company or joint ventures whose Tender (as hereinafter defined has been accepted by the Company and includes the Contractor's representatives, Joint Venture partners, sub-Contractor, successors and permitted assignees (Prior to the execution of the Contract). The word "Contractor" also means a Tenderer or Bidder submitting a proposal in accordance with the Tender Documents.
- 2.1.3 **Bidder / Tenderer:** means any person or persons, firm or company bidding for the works in accordance with this tender. **Engineer** means the Engineer(s) nominated by the Company to look after and supervise the work.
- 2.1.4 **Representative:** of the Company means a duly authorized person appointed by the Company or as specified in the "Special Conditions of the Contract" to perform the assigned duties. Agent or Representative means person(s) appointed by the Contractor to perform duties as set forth in the Contract.
- 2.1.5 **Laborers / Workmen:** means such laborers / workmen and staff as may be employed by the Contractor for purpose of carrying out the Work.
- 2.1.6 **Sub-Contractor:** means any firm or person having a direct contract with the Contractor. Nothing contained herein however, shall be deemed or be construed to impose upon the Company, any obligation, liability or duty to a subcontractor or to create any contractual relation between any sub-contractor and the Company.
- 2.1.7 **Work:** means whole of the works/services or part thereof to be executed in accordance with Tender/contract document, whether temporary or permanent and whether original, altered substituted or additional.
- 2.1.8 **Horizontal Directional Drilling (HDD)** is a method for installing sub-surface piping and conduit by using surface mounted Rig without damaging / excavating the earth surface.
- 2.1.9 **Contract Documents:** shall consist of duly executed Articles of Agreement, the Tender Documents and the Tender submitted by the successful Bidder including modifications thereto incorporated in the documents before and after the execution of the Contract.
- 2.1.10 **Contract Price / Value:** means the sum named in Schedule of Requirement (SOR) / BOQ subject to additions thereto or deductions there from as may be made under the provisions hereinafter contained.
- 2.1.11 **Plant / Machinery:** means all machineries, equipment, materials, appliances or things of whatsoever nature required in or about the execution, completion or maintenance of the work, but does not include such equipment, materials, appliances or things intended to form part of the permanent Work.
- 2.1.12 **Temporary Works:** means all temporary works of every kind required in or about the execution, completion or maintenance of the Work.



- 2.1.13 **Drawings:** means the drawings referred to in the contract documents and any modification of such drawings.
- 2.1.14 **Locations:** means the land and other places on, under ROW through which the work is to be executed or carried out and / or other lands or places provided by the company for the purpose of the contract.
- 2.1.15 **Approved / approval:** means approved / approval in writing by the company's representative or as specified in "special conditions of contract".
- 2.1.16 **Tender / Bid:** means the offer tendered by the bidder for work governed by the contract.
- 2.1.16.1 When the terms acceptable, satisfactory, proper, or other such general qualifying terms are used in the contract, it shall be understood that reference is made to be sole ruling and the sole judgment of the Company
- 2.1.16.2 The word equivalent or equal where used in these documents in the general sense shall not mean similar but shall mean "Conforming to, like, of kind / quality and function". "Proprietary items" and "Trade Names" are used for the purposes of establishing a standard of "Kind, Quality and Function" and equipment, items, articles, things or materials will be approved, if held to be "Equivalent" by the Company.
- 2.1.16.3 Approved Bankers whenever occurring in this contract shall mean scheduled commercial Bank operating in Lahore and acceptable to the Company.
- 2.1.17 **Specification (s):** means the standard codes of practice and other specifications issued with the tender and any notification such as specifications approved in writing by the Company and other specifications as may from time to time be furnished or approved in writing by the Company.
- 2.1.18 **Month:** means calendar month of the Christian era.
- 2.1.19 **Time Schedule:** is a graphical illustration of the time span of various work activities defining starting and completion dates.
- 2.1.20 **Substantial Completion Certificate:** The certificate issued by the Company's authorized representative on or after the completion by the contractor of all obligations in respect of the works as in 8.1 of section 8.
- 2.1.21 **Bonds:** mean Bid Bond, Performance Bond or Bank Guarantee and other instruments of security furnished by the Bidder of his surety in accordance with the Tender / Contract.
- 2.1.22 **Completion Date:** means the date on which the Work has been completed in accordance with the contract so that it can be utilized for intended purpose.
- 2.1.23 **Day:** means a day of 24 hours mid night to mid night.
- 2.1.24 **Completion Period:** means the time allowed for the execution of the work.
- 2.1.25 Words importing the singular only also include the plural and vice-versa where the contract so requires.
- 2.1.26 The marginal headings or notes in these Conditions of Contract shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction therefore or of the Contract.
- 2.1.27 If there is any conflict between the Special Conditions and the General Conditions, the special Conditions shall modify, supplement and supersede the General Conditions.



2.2 Bid Bond

- 2.2.1 The bidder shall submit with its financial proposal a Bid Bond (Earnest Money) of value as in clause 1.6.3 of Section 1 (invitation to Bidders). No Bids shall be acceptable without Bid Bond / Earnest Money. The Bid Bond shall be valid for a period as in 1.6.3.
- 2.2.2 The Bid Bond may be in the form of a Pay Order, Demand Draft, Cash Deposit Receipt (CDR) or a Bank Guarantee on the prescribed format as in section 13 (Specimen Bid Bond) only from a scheduled commercial bank operating in Pakistan. No cash, cheque or Guarantee issued by Insurance Company shall be acceptable.
- 2.2.3 Bid bond of the unsuccessful bidder shall be returned as soon as practicable, but not later than 120 days from the date of bid opening. The successful bidder's bid bond shall be retained by the company until the execution of contract / works defined in clause 8.1.1 of Section 8 (Scope of Work).
- 2.2.4 In the event that the successful Bidder refuses or fails to execute a Contract within fifteen (15) days of the issuance of a Letter to proceed or work order, Company shall be at liberty to forfeit the Bid Bond.

2.3 Performance Bond

- 2.3.1 Before the issuance of a work order, the successful bidder shall furnish a performance bond in accordance with the prescribed format as in section 14 in the form of Pay Order, Demand Draft, Cash Deposit Receipt (CDR) or a Bank Guarantee issued by a scheduled commercial Bank amounting to 10% of the Value of work order within 15 days from issuance of Letter of Intent (LOI).
- 2.3.2 Failure to furnish the performance bond before execution of the contract shall entitle the company to consider the bidder as having abandoned the contract and to forfeit the bid bond.
- 2.3.3 The Performance Bond shall remain valid up to one (01) month after completion of the Maintenance period. In case if "supply of material" is also inclusive in the scope of Contractor, then the Performance Bond shall remain valid up to twelve (12) months after completion of work.
- 2.3.4 The Company's right to recover damages from the Bidder for breach of Contract shall not be limited to the value of the Performance Bond. In the event of the Bidder failing to execute a formal Contract or to submit the Performance Bond in the manner aforesaid and in the period specified, the Company shall be entitled to appropriate the bid bond / earnest money submitted by the Bidder with his tender without prejudice to its right to claim any further loss or damage which may result to it by reason of the aforesaid default of the Bidder as if Contract is actually executed for the purpose of such claims.
- 2.3.4 The Bidder shall cause the validity period of the Performance Bond to be extended for such period (s) as required for the Contract performance.
- 2.3.5 Performance bond shall be released after successful completion of the maintenance period or payment of final bill, whichever is later.



2.4 Mandatory Qualification Requirements

The Contractor/firms must fulfill the following minimum technical criteria for participation

- i. Contractor Companies must have adequate experience of having successfully completed at least 2 or more, 10” dia or above pipeline crossings, with minimum 350 meters crossing length through Horizontal Directional Drilling mode during the last 10 years.
- ii. Must have an ownership of HDD/Rig Machine having minimum of 300 tons capacity.
- iii. Must have an applicable registration with Pakistan Engineering Council in appropriate specialization codes and financial limits (C4 or above) and will be required to furnish PEC registration certificate to the Company along with the bid. Compliance to PEC bye laws is mandatory for Contractor/JV companies.

2.5 Detailed Methodology & Construction Schedule

- 2.5.1 The contractor shall submit the details of proposed logistic and other arrangements of transporting machinery and equipment with material to the site.
- 2.5.2 The contractor shall submit the details of camping HSE arrangements at site and should comply with the HSE requirement as mentioned in **Annexure-A** and any amendments communicated from time to time. The contractor shall also submit the contractor HSE statement (**Annexure-B**) before commencement of job.
- 2.5.3 The contractor shall submit approximate area of land required at both approaches of the site for machinery operations.
- 2.5.4 The construction, installation of high pressure submerged gas pipeline HDD will be carried out in accordance with the following codes, standards and Recommended Practices.

ASME: B31.8	Gas Transmission and Distribution Piping System.
API Spec. 5L	Specification for line pipe 42nd Edition 2000.
API Spec. 6D	Specification for pipeline valves.
API Std. 1104	Standard for welding pipeline & related facilities.
API RP 1102	Recommended Practice for pipeline crossing Rail Roads and Highway
ASTM	Mechanical Testing of Steel products. Pakistan Mineral Gas Safety Rules 1960.
- 2.5.5 All rate quoted in the SOR/ BOQ, Section 11 shall be firm, irrevocable and not subject to change or escalation on any account. No Modification, alteration or deletion in the bid shall be accepted after the Bid opening time.
- 2.5.6 Sealed bid containing proposals as in 1.5 of section 1 shall be received at address as in 1.2 of section 1 up to the time & date specified in 1.3 of Section 1.
- 2.5.7 Bidder shall be responsible to ensure that Bids submitted are delivered to the above address by the specified Bid opening date and time as in 1.3 of section 1. The company shall not be held responsible in any way for late receipt of bids or their confidentiality. Bids received after the Bid closing time shall not be considered, and shall be returned unopened.
- 2.5.8 The bids should be signed by a person having the authority for this purpose. In case of a bid is submitted by a corporate entity, the same shall bear its seal and be duly signed by its



secretary / Managing Director. All pages of the Tender Documents must be signed by the bidder.

- 2.5.9 Bids shall be submitted strictly in accordance with the requirement of the Tender Documents including the Specifications.
- 2.5.10 The bidder shall submit the Technical Proposal, a list of equipment & staff required for the execution of work.
- 2.5.11 In case of doubt about the meaning of any part of these Tender documents the bidder shall state his/ her interpretation of that part of the documents on the basis of which his/ her bid has been submitted.
- 2.5.12 Bids (Financial Proposal) shall remain valid for acceptance for a period of 120 days from the last date of submission of bid.
- 2.5.13 The company shall not reimburse any expenses incurred in the preparation of Bids.
- 2.5.14 The bid and all subsequent correspondence shall be in the English language.
- 2.5.15 Payment for the contracted work /services shall be made in Pakistani Rupees only. The rates quoted by the Bidder shall therefore, be in Pakistani Rupees.
- 2.5.16 Should the Bidder have any queries in regard to this Tender, the same may be forwarded to the address as in 1.2 of section 1.
- 2.5.17 The company reserves the right to reject any or all Bids without assigning any reason thereof. Company also reserves the right to accept the whole or a part of Bid and does not bind itself to accepting the lowest or any particular Bid.

2.6 Letter of application

- 2.6.1 All the information shall be filled-in / submitted strictly as per "Forms" enclosed. If necessary, additional photocopies of the "Forms" may be made each page of each form should be clearly marked on the top right corner as follows:
Page 1 Form 1 Page 2 of Form 1; etc.
- 2.6.2 Some forms will require attachments (documentary evidence, etc.) Such attachment should be clearly marked as follows:-
Page 1 of Form 1 Page 2 of Form 1.....; etc.
- 2.6.3 Each sheet shall be duly stamped and signed by the applicant(s) or a person or persons duly authorized to sign on behalf of the applicant(s).
- 2.6.4 All documents submitted by the applicant shall be related as confidential and will not be returned.
- 2.6.5 SNGPL will only inform the successful applicant of the result of their application. SNGPL reserves the right to reject or accept any application and to annul the bidding process and reject all application, without thereby incurring any liability to the effected applications or any obligation to inform the applicants of the grounds for the actions of SNGPL
- 2.6.6 Documents received after the due date will not be considered and will be returned. The name and mailing address of the applicants shall also be mentioned on the envelopes so that the application can be returned unopened.



2.7 Examination

- 2.7.1 Bidder shall visit / inspect the work sites and shall fully acquaint themselves with the nature and requirements of Work, form and nature of sites, access to sites, availability of materials, weather, law and order conditions etc. before submitting their bids on their own expenditures. Any tests on the work site, if required by the bidder, shall be the responsibility of the Bidder. Submission of the bid shall be prima facie evidence that the Bidders have fulfilled this requirement.

2.8 Conflict between Drawings/Specifications/SOR

- 2.8.1 In case of any conflict between drawings / specifications, SOW / TOR and SOR / BOQ, with regard to the quality of any item, the Contractor shall base his quotation for the better quality. In case of any deficiency in the drawings / details, the Contractors shall seek clarification from the company. Submission of Bids / rates on the basis of incomplete drawings / details shall be contractor's sole responsibility.

2.9 Additions, Deletions and Amendments

- 2.9.1 The Company reserves the right to make addition to or to delete from and/or amend the Work defined in SOW / TOR / SOR / BOQ as deemed necessary before or after the execution of the Contract. All such additions deletions and amendments shall only be authorized in writing by the Company.

2.10 Schedule of Requirement

- 2.10.1 The quantities specified in the SOR / BOQ are estimated and are intended to serve only as a guide to the Bidders. Payment shall be made on the basis of actual Work quantum done as measured. No claims or adjustments shall be entertained / allowed on account of increase or decrease in the Scope of Work which has not been duly authorized by the Company through the issue of change orders as stipulated in the relevant provision.

3.0 Rate

- 3.1.1 It shall be clearly understood that this tender does not contain a price variation clause and therefore, all unit prices quoted shall be firm, irrevocable fixed and valid until completion of the Contract and not be subject to variation on any account.

3.1 Validity

- 3.1.1 Bid shall remain valid for acceptance for a period of 120 days from the date of bid opening as in section 1.3 of section 1 or any extensions thereof. If the last date falls on a holiday, the validity will be extended to the first Company working day thereafter.

3.2 Completion Period

- 3.2.1 Subject to any requirement as to completion of any portion of the Work before the completion of the whole of work, the Work shall be completed within the specified completion period. The work shall not be considered as completed until the Company has certified in writing that it has been completed and the maintenance period shall commence from the date of such certificate. Should extra, altered or additional Work of any kind, or any other cause of delay, which in the opinion of the Company could not have been foreseen by the Contractor requires extension in completion time, then on the written request of the Contractor, the completion period as provided in the Contract shall be extended by the Company. All such extensions shall be allowed in writing by the Company's representative.



3.3 Signing / Execution of Contract / Agreement

3.3.1 Formal signing / execution of Contract / Agreement on E-stamp paper (first page only) shall be completed within fifteen (15) days of receipt of Letter to Proceed/work order. The Company shall prepare the Contract in accordance with the prescribed format as in Form of Contract Section 5, for the purpose and successful Bidder shall be communicated the date and time by the Company for the execution of Contract. The value of E-stamp paper should not be less than Rupees five hundred (500).

3.4 Commencement & Execution of Work.

3.4.1 Notwithstanding any delay in the preparation / execution of the Contract the successful Bidder shall commence mobilization / preparation and undertake the Work within 02 weeks after receipt of the Letter to Proceed/work order.

3.4.2 The Contractor shall prior to commencement of Work, obtain the written authority and instructions of the Company.

3.5 Change in Orders

3.5.1 The company may at any time, by a written notice to the Contractor, make changes within the general Scope of Work of the Contract.

3.5.2 Upon notification by the Company of such change, the Contractor shall submit to the Company an estimate of costs for the proposed change within (10) calendar days of receipt of notice of the change, and shall include an estimate of the impact (if any) of the change in the completion date(s) under the Contract, as well as detailed schedule for the execution of the change, if applicable.

3.5.1 The Contractor shall not perform changes in accordance with above, unless & until the Company has authorized a Change Order in writing on the basis of the estimate provided by the Contractor.

3.5.1 Change mutually agreed upon as change shall constitute a part of the work under this contract, and the provision and conditions of the Contract shall apply to said change.

3.6 Assignment

3.6.1 The contractor shall not assign, in whole or in part, its obligations to perform under the contract except with the Company's prior written consent.



Form: Letter of Application

Registered Business Name:
Registered Business Address:
Telephone:
Fax:

Tender Enquiry No: (As In 1.4)

CONSTRUCTION OF 24" DIA HIGH PRESSURE GAS TRANSMISSION PIPELINE CROSSING THROUGH HORIZONTAL DIRECTIONAL DRILLING (HDD) AT JALALPUR PIRWALA

Sir,

1. We hereby apply to be technically and financially qualified with Sui Northern Gas Pipelines Ltd; as Construction Firms / Contractors carrying out Horizontal Directional Drilling System for pipeline laying as in Clause 8.1 of Section 8 (Scope of work) and any addendums thereof.
2. We authorize SNGPL or its authorized representative to conduct any investigation to verify the statements, documents and information submitted and to clarify the financial and technical aspects of this application from any person, bank, department, agency or firm.
3. The name and positions of contact persons who may be contacted for further information, if required, are as follows:
 - a) _____
 - b) _____
 - c) _____
4. We declare that
 - i) The statements made and the information provided in the application is Complete, true and correct in every detail.
 - ii) This firm has never been blacklisted by any Government Department, Semi Government Authority or Private Company or Corporation and not involved in litigation / arbitration with any client in Pakistan or Abroad. (Certificate to this effect on Rs. 100 non-judicial stamp paper to be provided.

Respectfully,

(Authorized representative of applicant)

Dated: _____



4. Form of Bid

- 4.1** Note: This section (02 pages) forms a part of the tender. Bidders are required to fill in the blank spaces, sign & stamp on these tender forms.

M/s. Sui Northern Gas Pipelines Limited
Network Planning & Design Department
Gas House, 3rd Floor, 21- Kashmir Road
Lahore

Tender Enquiry No: (As In 1.4)

CONSTRUCTION OF 24" DIA HIGH PRESSURE GAS TRANSMISSION PIPELINE CROSSING THROUGH HORIZONTAL DIRECTIONAL DRILLING (HDD) AT JALALPUR PIRWALA

- 4.1.1 I/ We have examined the Tender Documents and Scope of Work; Specifications for the subject work and fully understand the same. If We, the Undersigned, offer to undertake, complete and maintain the whole of the said work in conformity with the drawings provided in accordance with the works, Conditions of Contract, Specifications and work orders issued from time to time in the year within the scope of this tender at the rates Quoted therein, in accordance with the said conditions.
- 4.1.2 I/ We undertake, if my / our tender is accepted, to commence the work within specified time after receipt of the letter of intent / letter to proceed / Work order/ signing of Contract, and to complete and deliver the whole of the work contained in the Contract within the period specified in the Tender Documents.
- 4.1.3 If my / our tender is accepted, If We shall provide an irrevocable of Pay Order, Demand Draft, Cash Deposit Receipt(CDR) or a Bank Guarantee of a schedule Bank (acceptable to the Company) to be jointly or severally bound with me/ us in a sum equivalent to 10% of the Contract value for the due Performance of the Contract during construction period and thereafter for maintenance period of 12 months after the completion of the HDD.
- 4.1.4 I /We agree to abide by this Tender for the period of 120 days from the date fixed for opening the same and it shall remain binding upon me/ us and may be accepted at any time before the expiration of this period.
- 4.1.5 I/ We agree to execute the work in a manner satisfactory to the Company whose decision shall be final and without appeal on all methods, specifications, and quality of material, equipment and workmanship.
- 4.1.6 I/ We agree to supervise and furnish adequate engineering and supervisory staff, labor force, tools, plants, machinery and finances to perform the work in time as specified in the agreed Time Schedule to ensure that all works will be done in accordance with accepted international engineering standards and Engineering Drawing provided therein.
- 4.1.7 Unless and until a formal agreement is prepared and executed, this Tender together with the Company's written acceptance shall constitute a binding contract between the Company and the contractor.
- 4.1.8 I / We understand that the company is not bound to accept the lowest or any Tender received without assigning any reasons.



For ease of reference certain information and special stipulations applicable to the contract within the subject of the tender are set forth herewith.

Name of the Company	Sui Northern Gas Pipelines Limited
Name of work	As in Clause 8.1.1 of section 8.1 Scope of Work
Earnest Money / Bid Bond	As in 1.6.3 of section 1
Date of award of Work	Date of sign of agreement / Issuance of work order.
Mobilization Period	14 days from the date of issuance of work order/letter to proceed.
Mobilization Advance	Mobilization Advance (If desired by contractor) amounting to 10% of price /value of each work would be paid at the start of HDD within 14 days on furnishing of acceptable Bank Guarantee of equal amount for advance payment as per format given in section 16. This amount shall be adjusted in the invoice for each HDD work.
Value of Performance Bond	As per Clause 2.3.1 of Instruction to Bidders
Completion period	90 days from the issuance of Letter to Proceed/Work Order including 14 days mobilization period.
Mode of Payment	As per Clause 7.6 of Special Conditions of Contract 7
Maintenance Period	Twelve (12) months from the date of Completion of HDD / Issuance of 100% Completion Certificate by the contractor.
Liquidated Damages	(2%) of contract value for each week (07 days) of delay subject to a maximum of 10%.
Insurance	CAR (Contractor's All Risk)

In the name _____

Dated this _____ day of _____ 2026

Signature _____ in the capacity of _____

Duly authorized to sign the tender for and on behalf of _____

Witness

Signature: _____

Name: _____

Address: _____



5. Form of Contract

THIS AGREEMENT (hereinafter called the "Agreement") is made this ____ day of the month of ____ 2025 between Sui Northern Gas Pipeline Limited (hereafter called the "SNGPL /Company") of the first part and ____ (hereafter called the "Contractor ") of the second part WHEREAS the SNGPL / Company is desirous that the Works as required under the Contract should be executed by the Contractor and has accepted a Tender by the Contractor for the execution and completion of such Works, and remedying of defects.

Now this Agreement witnessed as follow:

- a) In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
- b) The documents deemed to form and be read and construed as part of this Agreement, viz.
 1. Complete set of signed and stamped Tender Document by Contractor
 2. Financial bid of the Contactor
 3. The Letter of Acceptance
 4. Work Order with Acknowledgement of Contractor
- c) In consideration of the payments to be made by the SNGPL / Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the SNGPL / Company to execute and complete the Works, and remedying of any defect therein in conformity in all respects with the provision of the Contract.
- d) The SNGPL / Company hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works and the remedying defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
- e) IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed in two (2) identical counterparts each of which should be considered as original on the day and year herein above set forth, one copy to be filed in the office of the SNGPL / Company and one copy given to the Firm.

For and on behalf of Contractor

For and on behalf of
Sui Northern Gas Pipelines Limited

Signature
Signed By _____
Title _____

Signature
Signed By _____
Title _____

Witness

Signature
Signed By _____
Title _____

Signature
Signed By _____
Title _____



6. General Terms & Conditions

6.1 Suspension of Work

- 6.1.1 The Contractor shall not be entitled for any extra cost for a specified period. No claim by the Contractor in terms of extra cost or compensation would be entertained due to temporary stoppage in the flow of work and subsequent idle charges and machine hours caused by observance of safety and security regulation and procedural delays.

6.2 Company's Right to Inspect

- 6.2.1 The Company shall have the right to inspect and supervise the Work. The inspection and supervision of the Work by the Company shall not relieve the Contractor of his full responsibility and liability of careful and faultless execution of the work.

6.3 Completion Certificate

- 6.3.1 Period of Guarantee and Maintenance shall not commence from the date of substantial completion because the work is not fully completed. List of the incomplete and defective work shall be made by the Company and Contractor will complete the leftover Works. Company will approve the entire Work for the issuance of completion certificate.

6.4 Termination of Contract

The company may decide to terminate the Contract in one of the following situations:

6.4.1 Termination for Default

- 6.4.1.1 The Company may, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Contractor, terminate the Contract in whole or in part. If the Contractor fails to complete the contracted Works / Services within the time period(s) specified in the Contract or any extension thereof granted by the Company.
- 6.4.1.2 If the Contractor fails to perform any other obligations (s) under the Contract.
- 6.4.1.3 If the Company during the completion period of the contract has reason to believe that the Contractor will not be able to fulfill the obligations under the Contract.
- 6.4.1.4 Prior to the exercising of any right by the Company to terminate the Contract, the Company shall issue notice to the Contractor specifying the default(s) and the Contractor shall submit an explanation within seven (07) days of receipt of such notice. If such explanation is not furnished within the stipulated time or if so- furnished, is found to be unsatisfactory and /
- 6.4.1.5 or the default (s) continues, the Contract may be terminated by the Company.

6.4.2 Termination for Insolvency

- 6.4.2.1 The Company may at any time terminate the Contract by giving written notice to the Contractor, without compensation to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent. Notwithstanding the above such termination will not prejudice or affect any right of action or remedy which as accrued or will occur thereafter to the Company.

6.5 Liquidated Damages

- 6.5.1 If the Contractor fails to complete the work or perform the Services specified in the Contract within the stipulated period/scheduled time specified in the Contract, the Company, without prejudice to any other remedies, shall deduct from the bills or any other due payments guarantees, as liquidated damages, a sum equivalent to 2% per week of the contract value,



until actual completion of the work or performance of the Services. However, if delay of over 05 weeks takes place (i.e. equal to 10%), the Company reserves the right to terminate the Contract at the risk and cost of Contractor. The liquidated damages shall also be applicable for the Works/Services terminated under clause 6.4.1.2.

- 6.5.2 The payment of liquidated damages shall not relieve the Contractor from performing and fulfilling all its obligations under the Contract and nor shall the rights and entitlements of the Company be affected or reduced in any manner.

6.6 Force Majeure

- 6.6.1 Force Majeure means such circumstances or combination of such events or circumstances which are not within the reasonable control of a Party and which materially and adversely affect the performance of a party under the contract. In such eventuality, the Parties shall not be considered in default in the execution of their contractual obligations or any of them to the extent that the execution of such obligations or any of them is delayed or omitted by cause of Force Majeure. Each party will advise the other party by written notice within a period of 07 days of the occurrence of any such case of Force Majeure. The term Force Majeure employed herein shall mean acts of public enemy, wars (whether declared or not) invasion, hostilities, revolution, epidemics, riots (other than amount the Contractor's own employees) fires, floods, earth quake, commotion, disorder and other causes similar in kind to those herein mentioned, not under the control of either party, which makes the performance of this agreement unfeasible and which by the exercise of due diligence the party seeking excuse from performance is unable to overcome or such overcome is not economically feasible for a party. If such Force Majeure persists for a continuous period of 45 days then Company shall have the right to terminate this contract.

- 6.6.2 The Company shall not be liable to the Contractor for any damage or loss caused by Force Majeure directly or indirectly.

6.7 Safety and Security of Employees and Works

- 6.7.1 The Contractor shall be responsible to take all necessary arrangements for the safety and security of employees especially foreigners (if employed) as per prevailing rules & regulation of country. Further, contractor shall comply with all applicable safety laws and codes to prevent accident or injury to persons on about or adjacent to the places where the work is being performed. All statutory rules, orders, regulation from time to time in force relating to taking and observance of all safety precaution governing or which might be deemed to be given during the execution and performance of the Work. The Contractor shall comply with any and all personnel, safety regulations. Any person of the contractor violating the safety and security rules shall be removed by the Contractor from site and replaced without delay. Contractor has to prepare / submit complete safety and security plan of foreigners (if employed) to SNGPL after award of works or before commencement of works. Contractor shall not withhold any part salary, benefits, property or documents of his
- 6.7.2 personnel in order to force such personnel to continue working and Contractor shall not engage in or support human trafficking.

6.8 Insurance

- 6.8.1 The Contractor shall be responsible for obtaining a Contractor's All Risk Policy (CAR) against risks to the Works and shall make good at his own cost, all losses or damages whether to the Works or to the lives, persons, whether under the workmen's compensation Act or Third Party Risk, .or property of other from whatsoever cause arising out of or in connection



with the works either during the progress of the works or rising the period of maintenance provided by this contract.

6.8.2 The Contractor shall arrange insurance approved by the Company fully to cover workmen compensation and other claims arising out of sickness, injury or death of his personnel working at site and also to cover theft, loss of or damage to the Company's material in his possession and to indemnify the Company for third party claims for damage done or said to have been done to those persons or their property as a result of the Contractor's activities on and off the site.

6.8.3 The contractor shall be liable to pay compensation to his staff/ labour in case of any major injury, disability and fatality category wise as under:

- | | |
|--|---|
| 1. In case of Major Injury (Injury leading to Temporary disablement) | Payment of ½ of the monthly wages till the recovery of temporary disablement or for maximum period of one year, whichever is less.
Payment of 1/3 of the monthly wages till the recovery of chronic ill health / disease or for maximum period of 5 year, whichever is less. |
| 2. In case of Disability (Permanent) | Rs. 500,000 /- |
| 3. In case of Fatality | Rs. 500,000 /- |

6.8.4 Failure to compliance against HSE initiative at operational sites will lead to blacklisting of a contractor through following disciplinary actions.

- | | |
|------------------------------|-------------------------------------|
| a. 1 st violation | Warning letter |
| b. 2 nd violation | Deduction of Rs. 100,000/- |
| c. 3 rd violation | Deduction of Rs. 500,000/- |
| d. 4 th violation | Suspension for period of six months |
| e. 5 th violation | Blacklisting |

6.9 Notice

6.9.1 All notices called for by the terms of the Contract shall be effective only at the time of receipt thereof and only when received by the parties to whom they are addressed to at the following addresses:

Company Address: As in 1.2 of section 1

Contractor's Address: (Should be filled into the Blank space below)

Contractor's Address:



6.10 Maintenance Period

- 6.10.1 The Contractor shall correct at his sole expense any defects/shortcomings/deficiencies in Work/Services, during the specified period from the date of issue of the substantial completion certificate; this making good of such defect / shortcomings / deficiencies by the Contractor shall be done immediately after he has received notification from the Company.
- 6.10.2 In addition, the Contractors shall correct any defects/shortcomings/deficiencies, which might appear during the same period. If the defects/deficiencies are not promptly remedied by the Contractor, the Company may proceed to have the defects/deficiencies remedied at the Contractor's risk, expense and the costs thereof shall be payable forthwith by the Contractor to the Company.

6.11 Dispute Resolution

- 6.11.1 If any dispute shall arise as to the interpretation of this Contract or any matter or thing arising there from, the same shall be settled as far as possible by way of amicable resolution. Failing such settlement, the dispute may be referred for arbitration to two Arbitrators, one to be nominated by each Party. The Award given by the arbitrators or the Umpire as the case may be shall be final and binding on the Parties. The proceeding shall be governed by the Pakistan Arbitration Act, 1940 and any statutory modification thereof. The venue of arbitration shall be Lahore.
- 6.11.2 All costs of Arbitration shall be borne by the Parties themselves, on equal sharing basis unless otherwise ordered by the Arbitrator. Notwithstanding the existence of any difference or dispute, or the commencement or continuance of any arbitration proceedings, Works to be done or Services to be provided under this Contract shall not be suspended or discontinued by the Contractor nor shall any payment be withheld by the Company except the difference of the amount in dispute, which is the subject matter of such proceedings.

6.13 Income Tax and Duties

- 6.13.1 All kinds of Government Taxes and Duties (income tax, sales tax, provincial tax, custom duties, etc.) against any item of the contract shall be entirely the responsibility of the Contractor. Income Tax will be deducted as applicable under the prevailing Government Rules. Rate of Income Tax deduction in relation to submission of Income Tax certificate from the Contractor should also be stipulated.

6.14 Payments

- 6.14.1 The Company may withhold payment or on-account of subsequently discovered evidence, nullify the whole or part of any certificate to such extent as may be necessary to protect itself from loss on-account of:
- 6.14.1.1 Defective Work not remedied
 - 6.14.1.2 Claims filed or reasonable evidence indicating probable filing of claim
 - 6.14.1.3 Failure of the Contractor to make payments properly to sub-contractors
 - 6.14.1.4 Damage to another Contractor
- 6.14.2 When the grounds are removed payment shall be made for amount withheld because of them.
- 6.14.3 Payment in respect of extra / additional work will be made on the basis of the original contract rates and the Contractor will not be entitled to any extra compensation /Payment including idle charges because of such delays.



6.14.4 The making and acceptance of the final payment after successful completion of maintenance period shall constitute a waiver of all claims by the company other than those arising from faulty Work appearing after final payment of all claims by the Contractor, except those previously made and still unsettled.

6.15 Unit Price

6.15.1 The unit prices shall include, besides the basic cost, supply of materials and equipment, cost of transport and wages, Contractor's profit, all applicable taxes and overheads, etc.



7. Special Conditions of The Contract

7.1 Representative of the Contractor Company

Representative of the Contractor Company for the purpose of this Contract would be

(Name of Person)

(Designation)

7.2 Bid Bond (Earnest Money)

Bidder shall submit a Bid Bond in accordance with clauses 1.6.3 of section 1 & 2.2 of section 2.

7.3 Performance Bond

The successful bidder shall submit the Performance Bond in shape of Bank Guarantee on the prescribed form in accordance with 2.3 of section 2.

7.4 Completion Period

The entire work shall be completed within 90 days from the issuance of Letter to proceed / work order, which in case of work exigencies could be issued prior to signing of formal agreement. Completion period includes 10 days of Mobilization period.

7.5 Maintenance Period

The maintenance period will be twelve (12) months after the issuance of substantial completion certificate by the company.

7.6 Mode of Payment

- 7.6.1 Mobilization Advance (If desired by contractor) amounting to 10% of price /value of each work would be paid at the start of HDD within 14 days on furnishing the acceptable Bank Guarantee of equal amount for advance payment as per format given in section 16. This amount shall be adjusted in the invoice for HDD work.
- 7.6.2 Payment shall be made Upon Completion of each work tabulated in 8.1.1 of section 8, including any addition or deletion thereto.
- 7.6.3 Upon completion of each work, the contractor shall submit an invoice duly verified by the site Engineer appointed by the Company along with duly verified progress report and 100% inspection certificate from the site Engineer. Each Invoice will be subject to and deduction of all applicable taxes.
- 7.6.4 The Contractor shall also submit Copy of Professional tax Clearance Certificate for the current fiscal year.



7.7 Liquidated Damage

7.7.1 Liquidated damages at the rate of 2% per week of the Contract value shall be recovered from the contractors due amount if contract delayed the overall completion of the work. The maximum liquidated damage amount shall not exceed 10% of the contract amount.

7.8 Camp setup and Utilities at Site

7.8.1 Camp Setup for contractor's site staff, messing and utilities like Water, Power and other utilities shall be arranged by the Contractor at sites at his own Cost.

7.9 Tentative Work Plan/Schedule of Work

7.9.1 Contractor shall submit detailed schedule of Work (bar chart) for carrying out the Horizontal Directional Drilling System at the sites.

7.10 Damages to Company's Property

7.10.1 Contractor shall be liable to pay for any damages to the company's property caused by any action of the contractor during the execution of work. In this regard, Contractor shall furnish an undertaking on E-stamp paper.

7.11 Arrangement of Machinery except HDD Rig

7.11.1 The Contractor shall arrange with the exception of HDD rig all the machinery (such as side booms, excavators etc.) required for completion of work at site. In case, such machinery is not owned by the Contractor, the same may be arranged on rental basis and expenses in this regard shall be borne by the Contractor. The Company shall not be liable for such arrangements.



8. Scope of Work

8.1 Contractor's Responsibilities

8.1.1 The scope of work includes the construction of under tabulated Pipelines laying through horizontal directional drilling mode.

Sr No	Description of work	Pipeline specifications	Length of HDD (Meters)	Depth of HDD (ft) from surface level	Engineering Drawing Reference	Location of Work
1	Pipeline Laying Through HDD	24" Ø x 0.375" WT, API 5LX Gr X70	600	27	TL-127C-24-D6-12	Distt. Multan

Note: The Final Length and depth of HDD could be adjusted in reasonable range according to the technical requirements subject to approval of the company / SNGPL.

8.1.2 The scope includes laying of Natural Gas Pipeline to be carried by Horizontal Directional Drilling in accordance with this tender and the Engineering Drawings.

8.1.3 The scope of works also includes any additions to or deletion from the work tabulated in 8.1.1 above.

8.1.4 The Contractor shall arrange all necessary and suitable machinery equipment, tools etc. and experienced manpower for the smooth operation of horizontal directional drilling under the bed of above-mentioned canals at required depth and profile.

8.1.5 Contractor shall install the required pipeline at the depth as in the drawings provided by the company without damaging the Canal structure and without disturbing the water flow of the Canals. The Contractor shall use latest computerized machinery & equipment for carrying out the horizontal directional drilling and pull back the pipeline under Canal bed.

8.1.6 The contractor shall make logistic arrangement and transport to mobile its machinery / equipment, manpower and other material including sweet water at works / site at their own risk and cost.

8.1.7 The Contractor shall arrange camp at site for his staff and expatriates wherever it is necessary. Contractor shall maintain necessary HSE at site during carrying out the work at site.

8.1.8 Contractor shall be responsible to take all safety measures during the horizontal directional drilling and pull back the carrier pipe in the horizontal bore. Contractor shall make sure that the coating of pipeline is not damaged during operation and pull back of the carrier pipe by using appropriate protective technique.

8.1.9 Contractor shall make arrangements for de-watering at site incase sub-soil water is encountered before /during directional drilling operation at site. Dispose-off of water in canal / field is the Contractor's responsibility.

8.1.10 Contractor shall be responsible to dispose off the fluid / mud at designated area, during the directional drilling operation.



- 8.1.11 Contractor shall provide the As-built drawings of the pipeline showing the details and profile of the pipeline showing depth of pipeline from the surface and approaches; horizontal and vertical bend angles, distances of bore length etc.
- 8.1.12 Contractor shall submit detailed Methodology for carrying out the Horizontal Directional Drilling System for pipeline laying.
- 8.1.13 Contractor shall arrange the sub-soil profile (if required).
- 8.1.14 Contractor shall arrange Geo technical Survey of the Site, if so required by them.
- 8.1.15 Contractor shall be responsible for sorting out with community issues (if any).
- 8.1.16 Contractor shall be responsible to restore the working area on both sides of the site after removal of waste of the HDD bore.
- 8.1.17 Contractor shall be responsible to ensure the success of HDD work, no matter how many times failure, the contractor will not be entitled to claim to the Company / SNGPL.
- 8.1.18 Contractor shall arrange all machinery such as Excavator, Side boom etc. other than HDD machine on rental basis at his own expense if not available with him which is essentially required to complete the HDD job. The Company shall not facilitate the contractor in this regard.

8.2 SNGPL Responsibilities

- 8.2.1 SNGPL shall provide a required section of required pipe as in BOQ of the attached drawings, pre-tested and pre-coated in required lengths at the site.
- 8.2.2 SNGPL shall stake-out site locations of pipeline in association with the Contractor and shall provide the drawing, showing the existing sub-surface line pipes and over-head pipeline. Contractor shall however mark layout at site.
- 8.2.3 SNGPL shall be responsible to arrange NOC's from all the concerned authorities prior to mobilize/start the HDD activities at site.



8.3 Pipeline Laying Data (Through HDD)

As per attached Drawing

Sr No.	Description	F.S.L. (Ft)	HDD Length (Ft)	Assumed Normal Ground Elevation (Ft)	Ground Level at Flood Plain (Ft)	Proposed depth from Flood Plain Level (Ft)
1	Pipeline Laying Through HDD Jalapur Pirwala	As per attached drawing				27

8.4 Pipeline Data

Sr No	Description	Line Pipe Grade/ Type	Outer Diameter (mm)	Inner Diameter (mm)	Wall Thickness (mm)	Weight of Pipe including coating (kg/m)
1	Pipeline Laying Through HDD Jalapur Pirwala	API 5LX Gr X70	610	591	9.5	140.68



9. List of Documents To Be Submitted

The bidders must submit their bids by the stipulated date in two separate sealed envelopes, one named “technical Proposal” and the other named “financial proposal”. Following documents must be submitted.

TECHNICAL PROPOSAL

9.1

Interested parties must submit the following documents in technical proposal including following information/ documents for qualification

- 9.1.1 Signed, stamped and duly filled check list of all documents.
- 9.1.2 Form of Application duly filled by the bidder
- 9.1.3 Form of Bid duly filled by the bidder
- 9.1.4 Duly signed, filled and stamped each page of tender documents.
- 9.1.5 In case of Joint venture, JV agreement duly signed by all the JV parties on legal paper along with declaration of the lead partner firm and execution firm.
- 9.1.6 Details of company’s HSE and QA/QC procedures.
- 9.1.7 Company’s details covering the following.
 - Company Name
 - Company Business & Origin
 - Company’s year of incorporation
 - Company’s staff strength
 - Company’s legal status
 - Company’s organogram
 - Company’s Contact address in Pakistan
 - Company's official email address
- 9.1.8 Copy of Bid Bond / Earnest Money
- 9.1.9 Proof of financial Soundness. The bidder shall submit last three year audited financial statements/ reports.
- 9.1.10 Details of HSE arrangements at site and undertaking to ensure Compliance with the HSE requirements as mentioned in **Annexure-A** and any amendments communicated from time to time.
- 9.1.11 Contractor’s HSE Statement to be filled as per- proforma attached as “**Annexure-B**”
- 9.1.12 List of relevant HDD projects/contracts executed during the last 10 years & relevant projects in hand with completion certificates / work orders / relevant proof documents as per Performa attached as **Annexure-C**
- 9.1.13 Proof of ownership and 3 No. photographs of HDD machine with its manual/technical specifications. Please fill the details of HDD machine to be deployed as per Performa attached as **Annexure-D**. List of the construction equipment other than HDD machine to be deputed on this project.
- 9.1.14 PEC registration in appropriate specialization codes and financial limits (C4 or above), valid NTN, Professional Tax and PRA (Punjab Revenue Authority) registration certificates. Compliance to PEC bye laws are mandatory. Foreign contractor companies not registered with PEC & Federal Board of Revenue, Pakistan shall have to submit an undertaking to get themselves registered with PEC and obtain NTN number from FBR before the commencement of works.
- 9.1.15 Resumes / CVs of the Key Project Staff to be deployed on this project.
- 9.1.16 Detailed Methodology proposed for carrying out the horizontal directional drilling. This shall also include the details of computerized facilities to be made available at site to assist the directional drillers in determining distances to target and changes in trajectory needed to obtain the target centers, the details of



- 9.1.15 proposed logistics and other arrangements of transporting machinery and equipment with material to the site.
9.1.16

Proposed Construction Schedule. Bidder shall provide a signed and stamped Schedule in a bar – chart showing the time and sequence of work items by which he proposes to complete the Works of the entire Contract.

- 9.1.17 The contractor shall submit approximate area of land required at both sides / approaches of the site for machinery operations

- 9.1.18 Affidavit declaring that the company is not Black listed by any Government or Public Sector Organization in Pakistan.

Declaration as per format in section 15 of the tender document.

- 9.1.19 Any other documents which you may wish to enclose in support of technical qualification.

9.2 FINANCIAL PROPOSAL

- 9.2.1 Duly filled Schedule of Requirement (SOR) / Bill of Quantities (BOQ) as per format provided in section 11
9.2.2 Original Bid bond/ Earnest Money.



10. Evaluation Criteria

The Contractor/firms must fulfill the following minimum technical criteria for participation:

- i. Contractor Companies must have adequate experience of having successfully completed at least 2 or more, 10” dia or above pipeline crossings, with minimum 350 meters crossing length through Horizontal Directional Drilling mode during the last 10 years.
- ii. Must have an ownership of HDD/Rig Machine having minimum of 300 tons capacity.
- iii. Must have a valid registration with Pakistan Engineering Council in appropriate specialization codes and financial limits (C4 or above) and will be required to furnish PEC registration certificate to the Company along with the bid. Compliance to PEC bye laws is mandatory for Contractor/JV companies.

Technical Evaluation of submitted proposals would be carried out as detailed below:

Sr. No.	Description	Max. Marks
1	Previous experience of HDD projects executed during the last 10 years as per above defined criteria. Bidder shall submit all necessary documentary evidence (work orders and completion certificates) of completed projects along with contact details, email addresses and contact numbers of employer. (Please note that only steel pipeline HDD crossings experience shall be considered for evaluation. (10 marks for each crossing)	40
2	Technical Qualification / Competence of key project staff. Bidder shall submit CVs of Engineers, along with his PEC registration copy and experience certificate and in case of Associate Engineers and supervisory staff shall submit CV's along with the copy of relevant experience certificate. (05 Marks for each PEC registered Engineer, 03 Marks for each Associate engineer and 02 Marks for each supervisor)	20
3	Financial Soundness. Bidder shall submit audited accounts duly certified by chartered auditor of past 3 years as proof of financial soundness. 30 Marks in case of average annual turnover is equal to or greater than Rs. 150 million, 20 Marks in case of average annual turnover 100-149 million and zero marking in case of average annual turnover less than 100 million.	30
4	Detailed Methodology and Proposed Construction Schedule	10



- Applicants must score a minimum of overall 70% marks for technical qualification with a minimum of 50% in each category, as given at 1, 2, 3, & 4 in evaluation criteria.
- Financial proposals of only those Firms / persons shall be opened whose technical proposals stand qualified on the basis of the Criteria stated above.
- Technically qualified firm with lowest financial proposal will be considered for the award of Contract.

11. Schedule of Requirement (SOR) / Bill of Quantities (BOQ)

Sr. No	Description	Depth Under Surface (Meters)	Quantity (Meters)	Unit	Unit Rate (Rs.)		Total Cost (Rs.)	
					Without PST	With PST	Without PST	With PST
A	B	C	D	E	F		G	
1	Laying of Pipeline Through HDD at Jalalpur Pirwala	8.23	600	Meter				
Total amount in words (Rupees)		Without PST						
		With PST						

Note:

The above pipe lengths are approximate. Payment shall be made against actual work done in accordance with the requirement.



11. General Specification

The following specification covers the work for undertaking the horizontal directional drilling (HDD) system of the works as in 8.1.1 in accordance with engineering practices and codes and attached drawings.

- 12.1 The contractor shall provide, supply and arrange all necessary machinery, equipment, materials; manpower expertise etc. required to complete the HDD system for submerged pipeline and shall meet the international standards and codes applicable to such type of work.
- 12.2 The horizontal directional drilling needs special equipment and the operators to carry out drilling and pull back operation for the installation of carrier pipeline accurately to the required depth on pipeline alignment.
- 12.3 The contractor shall continuously watch and log the horizontal profile during drilling operation of the drilling of horizontal bore.
- 12.4 Water jet type boring machine may be used. The use of mud and its disposal shall be controlled in order to pull back the pipeline smoothly and without damaging the coating of pipeline by using appropriate protective technique. Contractor shall take necessary measures to check that the coating of pipeline is not damaged during pull back operation.
- 12.5 An electronic location and wire transmitter are carried in boring tool to provide location and guidance information of the bore. The locating system must be able to be monitored by the directional-drilling operator at display console at the operator workstation.
- 12.6 Computer tracking system to be provided to monitor the depth of the tool, length of bore and time which will facilitate operator to control the drilling operations and to provide the log/profile of the directional bore.
- 12.7 A back reamer may be used if necessary ahead of pipeline during pullback operation. Suitable mud shall be used during horizontal Drilling Operation.
- 12.8 After the bore is completed, the pipe is attached to the drill stem and is pulled back through bore hole. Sufficient pulling force is to be applied to pull the pipeline of the required length. A back reamer is used ahead of the pipe if it is necessary to enlarge the bore for pipeline or suitable fluid may be used to reduce the resistant force.
- 12.9 The operator must continuously monitor the pullback thrust to ensure that pipe and its coating may not damage during pullback operation.
- 12.10 Measurement while Drilling (MWD) shall be taken throughout during drilling operation across and under the surface.
- 12.11 The Contractor shall use latest methods and equipment for horizontal directional drilling system on the work site and shall record MWD as under:
 - 12.11.1 Bore hole azimuth
 - 12.11.2 Drift angle



- 12.11.3 Tool face
- 12.11.4 Dynamic tool face updates
- 12.11.5 Gamma Ray logging
- 12.11.6 Focused Gamma Ray logging
- 12.11.7 Down hole pressure monitoring or logging
- 12.11.8 Temperature Survey
- 12.12 Contractor shall make available the facilities, data, dedicated real time computer, performing the tasks such as editing and plotting at the same time. Directional plots and MWD logs can be made available to the Company SNGPL's representative. The progress of work with all data sheets/log sheets shall be submitted to the Company by the Contractor.
- 12.13 The Contractor shall clear/identify subsurface utilities and other structures, if any, and shall inform the concerned authority of Irrigation department before undertaking the work of HDD.
- 12.14 Data for pipeline is as in the Scope of Work 8.3. The data shall be verified at site by the Contractor
- 12.15 Following key parameters shall be considered for HDD bore.
- 12.16 The tool shall be designed and built to meet the requirement of the work including mud Motion, flexible drill collars and slim hole measurement while drilling equipment.
- 12.17 MWD (Measurement while Drilling) format shall be developed to update progress of the work of HDD.
- 12.18 Focused Gamma Ray device shall be designed and built for horizontal bore application. This would facilitate to steer the horizontal bore within the geological beds.
- 12.19 Directional and MWD supervisors must be experienced and shall control and should have worked on minimum five directional drilling projects.
- 12.20 Contractor shall have portable Computers and directional software for optimization of drilling parameters.
- 12.21 Contractor shall have Torque & Drag Model design for high angle and horizontal profile of the bore.

12.22 Pipeline Coating

- 12.22.1 The pipeline will be factory coated with 3-Layer Polyethylene coating. The weld joints of the pipeline will be coated with 3-LPE Heat Shrink sleeves.
- 12.22.2 The HDD length of pipeline will be determined by the Contractor at site. SNGPL will test the specified welded pipeline length hydrostatically at a prescribed pressure and will hand over to the Contractor for installation in the horizontal directional drilled bore at each site



13. SPECIMEN - BID BOND

Principle: _____
Date of Bid _____
Surety* _____
Penal Sum of Bond _____

Date of Bid:-----

(Express in words and figures)

KNOW ALL MEN BY THESE PRESENTS, That we, the PRINCIPAL and SECURITY above named, are held and firmly bound unto Sui Northern Gas Pipelines Limited hereinafter called the owner, in the penal sum of the amount stated above for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents. THE CONDITIONS OF THIS OBJECTION IS SUCH, that whereas the principal has Submitted the accompanying bid, date as shown above, for

NOW THEREFORE, if the principal shall not withdraw said bid within the period specified therein after the opening of the same, or, if no period be specified, within sixty (60) days after said opening, and shall within the period specified therefore, or, if no period be specified, within ten (10) days after the prescribed forms are presented to him for signature execute such further contractual documents, if any, as may be required by the terms of the bid as accepted, and give bonds with good and sufficient surety or sureties, as may be required by the terms of the bid as accepted, and give the resulting contract, and for the protection of all persons supplying labor and material in the prosecution of the work provided for in such contract, or in the event of the withdrawal of said bid within the period specified, or the failure to enter into such contract and give such bonds within the time specified, if the principal shall pay the owner the difference between the amount specified in the said bid and the amount for which the owner may procure the required work, supplies, and services, if the latter amount be in excess of the format,

Then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body _____

* Surety should be a schedule Bank.

In Presence of 1. ----- Witness ----- as to individual Principal (Seal)
2. . ----- Witness ----- as ----- (Seal)

1. ----- Witness ----- as to individual Principal (Seal)
2. . ----- Witness ----- as ----- (Seal)

Attest

CORPORATE PRINCIPAL

BUSINESS ADDRESS

By Affix
Corporate
----- (SEAL)

Title

CORPORATE PRINCIPAL

BUSINESS ADDRESS

By Corporate
Seal Affix

Attest:



14. FORM OF PERFORMANCE SECURITY IN THE FORM OF GUARANTEE

To: _____ (name of Company)
_____ (address of Company)

WHEREAS _____ (name and address of firm) (hereinafter Called "the firm") has undertaken in pursuance of Contract No. _____ Dated _____ to execute the works for _____ (hereinafter called "the contract")

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with Bank Guarantee by the Scheduled Bank in Pakistan for the sum specified therein as security for compliance with his obligations in accordance with the Contract.

AND WHEREAS we have agreed to give the- Contractor such Guarantee.

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rupees _____

_____ (amount of Guarantee)

_____ (amount in words),

and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____

(amount of Guarantee)

as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive necessity of your demanding the said debt from the Contractor before presenting us with demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This Guarantee shall be valid until _____ i.e. the date 28 days from the date of issue of the Defects liability Certificate for whole of the Works.

SIGNATURE AND SEAL OF THE GUARANTOR

Name of Bank _____

Address _____

Date _____

Witness:

(Signature, Name and Address)

(Signature, Name and Address)



15. INTEGRITY PACT

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAY ABLE BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORK RS. 10 MILLION (FORMAT OF DECLARATION)

Contract No. _____ Dated _____

Contract Value _____

Contract Title _____

M/s. _____ the seller/supplier] hereby declares its intention not to obtain or induce the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GOP) or any administrative subdivision or agency thereof or any other entity owned or controlled by (GOP) through any corrupt business practice.

Without limiting the generality of the foregoing, [the Seller/Supplier] represents and warrants that it has fully declared the brokerage, commission, fees, etc., paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GOP, except that which has been expressly declared pursuant hereto.

The Seller/Supplier] certifies that it has made and will make full disclosure of all agreements and arrangement with all persons in respect of or related to the transaction with GOP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

The Seller/Supplier] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procure as aforesaid shall, without prejudice to any other rights and remedies available to GOP under any law, contract or other instrument, be avoidable at the Option of GOP.

Notwithstanding any right and remedies exercised by GOP in this regard, [the Seller/Supplier] agrees to indemnify GOP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GOP in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [the Seller / supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form of GOP.

Name of Buyer _____

Name of Seller/Supplier _____

Signature _____

Signature _____

NOTE

The above declaration is to be furnished on letter head before placement of work order/signing of contract, for bid(s) amounting to total bid value of Rs. 10,000,000/- (Ten million) or above.

Please note that submitting the declaration is a mandatory requirement.



16. FORM OF BANK GUARANTEE FOR ADVANCE PAYMENT

Guarantee No. _____
Executed on _____

(Letter by the Guarantor to the Employer)

WHEREAS the _____ (hereinafter called the Employer) has entered into a Contract for _____

_____ (Particulars of Contract), with
_____ (hereinafter called the Contractor).

AND WHEREAS the Employer has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. _____ Rupees _____
Which amount shall be advanced to the Contractor as per provision of the Contract.

AND WHEREAS _____ (Scheduled Bank) (hereinafter called the Guarantor) at the request of the Contractor and in consideration of the Employer agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.

NOW THEREFORE the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfillment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Employer for payment not exceeding the aforementioned amount.

Notice in writing of any default, of which the Employer shall be the sole and final judge, as aforesaid, on the part of the Contractor, shall be given by the Employer to the Guarantor, and on such first written demand payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.

This Guarantee shall come into force as soon as the advance payment has been credited to the account of the Contractor.

This Guarantee shall expire not later than _____
by which date we must have received any claims by registered letter, telegram, telex or telefax.

It is understood that you will return this Guarantee to us on expiry or after settlement of the total amount to be claimed hereunder.

Guarantor (Scheduled Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

1. Signature _____
2. Name _____
3. Title _____

Corporate Guarantor (Seal)



17. FORM OF UNDERTAKING/INDEMNITY FOR FINANCIAL LOSS AGAINST SALES TAX / PROVINCIAL SALES TAX

The Sui Northern Gas Pipelines Limited,
21-Kashmir Road, Gas House,
Lahore.

Date: _____

UNDERTAKING/INDEMNITY FOR FINANCIAL LOSS AGAINST SALES TAX / PROVINCIAL SALES TAX

I _____ CNIC # _____ NTN _____ Address _____, do

hereby undertake, confirm and acknowledge that:-

- a) I/We shall indemnify SNGPL from and against all losses, liabilities, claims, demands, damages, costs, fines and penalties that may arise or incurred by SNGPL in case of rejection / exclusion of their input PST / GST due to our inactive status in FBR/relevant provincial revenue authority's web portal at the time of uploading of relevant Annexure and / or monthly GST return of SNGPL.
- b) I/We shall be fully responsible for immediate payment of any amounts due to you as a result of any claim which may arise or have arisen against Sales Tax / Provincial Sales Tax invoiced by us and / or any associated cost and we acknowledge that you are entitled to exercise your right of set-off in the event of our non-payment or short payment of any claim against our unpaid invoices, security deposited, retention money and any other due amount and in case of non-availability of any such cushion we remain obligated to pay your claim in cash.

We further confirm that in event of any objection raised by Tax Authority due to wrong/non-submission of Sales Tax / Provincial Sales Tax in respect of this payment, we shall be responsible for any damages suffered by SNGPL.

Services/Contractor/Service Provider

Witness:

1- **Name** : _____
CNIC : _____
No.

2- **Name** : _____
CNIC : _____
No.




Annexure - A

HSE REQUIREMENTS

Following HSE requirements are to be ensured by the contractor

1. Contractor JHSE Manual & SNGPL IMS Manual placed at SNGPL website is to be followed.
2. Personal Protective Equipment is to be worn by all staff of the contractor as operational and standard requirements.
3. All equipment should be safe / fit for use.

	SUI NORTHERN GAS PIPELINES LIMITED	DOC. # SNGPL-GPR013-F001		
		Contractor HSE Statement	Issue # 01	Issue Date
			Page 41 of 47	30-01-14

Annexure-B

The Contractor shall prepare and maintain information including a clear method statement, regarding Contractor/sub-contractor activities, which outline the work to be undertaken and the method(s) for minimizing and maintaining environmental impacts, OH&S Hazards and maintaining compliance with HSE regulations.

To assist in organizing and maintaining information, background information sections have been included (section I, II, III). Sections can be modified or deleted as required when requesting a method statement from Contractors / subcontractors.

SNGPL’s Personnel to Complete Sections I, II, and III
Suppliers to Complete Sections IV, V, and VI

Section I Your Information: [type or print]

Name:	
Phone Number:	
Fax Number:	
Dept Name:	

Section II. Requisition Information: [type or print]

Requisition Number:	
Project Number: (if applicable)	

Section III. Service or Activity to be Performed: [Check all that apply]

<u>Material/Chemical:</u> (Production/Non-production)	Paint Solvent Sealer	Treatment Chemicals Lubricants, Oils, Greases Gasoline	Janitorial Material Other (specify) _____ Other (specify) _____
<u>Facilities/Construction:</u>	Ditching Electrical Paint Structural	Roofing Mechanical HVAC	General Contractor Arch/Engin/Consulting Other (specify) _____
<u>Services:</u> (Includes Environmental Services)	Janitorial Security Maintenance	Emergency Response Env. Consulting Paint Booth Cleaning	Waste Management Other (specify) _____
<u>Containerization:</u>	5 gal. Or less Drums Bulk Tanks	<u>Type of Contract:</u>	Commodity Management On-site Manager Provided Total Cost Contract



Section IV. Supplier/Contractor Information: [Circle / Check all that apply]

Current Supplier/Contractor to this Facility

New Supplier/Contractor to this Facility

Currently involved in other Facility project(s)

List Project(s):

(Complete Information in table below) [Type or print]

Name:	
Address:	
City & Province:	
Phone Number:	
Fax Number:	
President/General Manager/ CEO etc:	
Facility Site Coordinator:	
Email Address:	
Phone Number:	
Mobile Number:	
Fax Number:	
Pager:	
24 Hour Emergency Number:	



	SUI NORTHERN GAS PIPELINES LIMITED	DOC. # SNGPL-GPR013-F001	
		Issue # 01	Issue Date
	Contractor HSE Statement	Page 43 of 47	30-01-14

Subcontractor Information: (List suppliers/contractors not identified) [type or print]

Type	Firm Name
Architectural	
Mechanical	
Electrical	
Heavy Vehicles	
Industrial Services	
Painting	
Roofing	
Architectural/Engineering / Consulting Firm	
Sampling/Testing	
Chemical Supplier	
<u>Other (specify)</u>	
Scrap/Salvage Dealer	
Waste Disposal	
Demolition Disposal	

Note: It is strongly recommended that you have your subcontractors and suppliers involved at this facility should complete a separate HSE briefing package for the facility's review.



	SUI NORTHERN GAS PIPELINES LIMITED	DOC. # SNGPL-GPR013-F001	
		Issue # 01	Issue Date
Contractor HSE Statement		Page 44 of 47	30-01-14

Section V. Contractor Method Statement:

Supplier / Contractor is financially responsible for on-site HSE remediation actions resulting from incidents involving their employees and subcontractors. To minimize the risk of environmental accidents, please review and initial the items contained in the HSE Management Basics Table below:

Health, Safety and Environment Management Basics	Tick (✓)
1. Contractor will ensure that the <ul style="list-style-type: none"> • Health of its employees is protected. • All activities carried out for the execution of the job are safe. • Compliance is met with all relevant laws and regulations. • All HSE (Health, Safety and Environment) procedures of the Company are implemented. • Safe working environment is provided to its employees. 	
2. Contractor will take all necessary steps to minimize the hazards associated with the job. Appropriate personal protective equipment should be provided to the employees where hazards exist.	
3. All incidents resulting in Dangerous Occurrence, minor or major injury, fire, vehicle accident and environmental incident are to be reported to Company within 24 hours.	
4. The contractor is to make his own arrangements for treating injuries to his employees. In the event a contractor employee is injured while working for the Company, it is the contractor's responsibility to notify the Company representative immediately and to report the circumstances of injury.	
5. Contractor's mobile equipment such as trucks, crane, welding machines etc must be maintained in good working condition. Contractor's trucks and other mobile equipment should be operated in such a way that material they are carrying does not fall off the equipment on to the roads. If repairs are required or vehicles become immobilized, arrangements must be made to correct the situation with additional outside help.	
6. Prior to the start of work a certificates from a competent authority is to be given to the site in charge by the contractor stating that all mobile heavy equipment are in good working condition. Only licensed and designated qualified people shall operate contractor's equipment.	
7. Company equipment must not be handled or tampered with by contractor. The Company representative may grant permission to the contractor on specific conditions to operate Company equipment if emergency conditions so require.	
8. When doing work involving excavation, contractors must not damage or break into or otherwise open any underground piping. Extreme care must be exercised in this respect while excavating with power driven equipment. If lines are accidentally damaged, notify the Company representative immediately.	
9. All excavation made by contractors must be fenced, barricaded or otherwise protected so as to prevent personnel from slipping or falling into them.	
10. Drawing / Excavation Include safety talk notified for facilitating contract employees ever during transportation by Cos TPT.	
11. The authorized Company executive will issue a permit appropriate for any work to be done by the contractor at Company's designated sites where work permit procedure is applicable. After receiving permit for work the contractor shall be guided by Company rules and applicable laws in performing his work.	
12. Contractors shall provide to all their staff the relevant PPE's as specified by the Company against each job. Contractors staff will do compliance.	
13. Contractor's job sites must be kept reasonably clean and free of rubbish and debris which may create tripping or fire hazard. Upon completion, the contractor shall leave the area in a clean and orderly manner, removing all contractor's debris, equipment, and excess material.	
14. Contractor shall dispose off all the waste generated from its activity in environment friendly manner as described in Pakistan Environmental Protection Act, 1997.	



SUI NORTHERN GAS PIPELINES LIMITED

DOC. # SNGPL-GPR013-F001

Issue # 01

Issue Date

Contractor HSE Statement

Page 45 of 47

30-01-14

Section VI. Supplier/Contractor Certification: [review and sign]

I have reviewed and understand the information contained in this document. I also understand that *SNGPL's HSE* Personnel have the right to inspect our activities and those of our Suppliers/Contractors with regards to our on-site activities. I further understand that activities pertaining to service and/or maintenance contracts may only require submission of this form on an annual basis.

Name	
Title	
Signature	
Date	



Annexure C											
DETAIL OF HDD CROSSING JOBS ALREADY COMPLETED/ IN HAND BY CONTRACTOR DURING LAST 10 YEARS (10 INCH DIA & ABOVE)											
Sr. No.	Diameter of Pipeline Crossing	Name & Location of the Crossing	Crossing Type (River / Canal/ Highway)	Length of Crossing completed through HDD (meters)	Name of the Employer for HDD Crossing	Country where HDD crossing carried out	Contact Address of Employer i.e. Address, Email & Telephone No.	HDD crossing completion year	Duration of HDD Work	Status of Job	
										Successfully Completed (Provide completion certificate by the Employer)	Failure (Provide detail reason of Failure)
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											



Annexure-D

**INFORMATION REQUIRED FOR THE PROPOSED MACHINERY TO BE
DEPLOYED FOR CARRYING OUT PIPELINE LAYING THROUGH HDD
AS PER 8.1.1 OF SECTION 8 (SCOPE OF WORK)
(Amended)**

Sr. No.	Description	Details/Remarks
A	HDD Machine	
1	Model	
2	Manufacturer Name	
3	Year of Manufacturing	
4	Capacity (Ton)	
5	Driving Engine (Total Horse Power)	
6	Hydraulic Motor Total Capacity	
7	Drilling Pipe diameter, length, grade, wall thickness	
8	Total Number of Reamers with Diameter	
9	Signal Transmitter / Receiver specifications	
B	Mud Pump	
1	Model	
2	Manufacturer Name	
3	Year of Manufacturing	
4	Mud Pump Capacity (Gal/min)	
5	Mud Pump Driving Engine (Horse Power)	
C	Bentonite Recycling System Technical Detail (if any)	
D	Recovery Equipment Technical Detail (if any)	

Note:

- 1- HDD machine must have a capacity of 300 Tons.
- 2- Drill Rod must have size of 5 ½" or above.
- 3- Use separate sheets if required.