



**SUI NORTHERN GAS PIPELINES**  
**LIMITED**

**TENDER DOCUMENTS**  
**FOR**  
**UPGRADATION OF SHED AT**  
**COATING PLANT,**  
**UCH SHARIF, DISTRICT BAHAWALPUR**

**August 2024**



**MUHAMMAD RAZZAQ & ASSOCIATES,**  
51-A, 4<sup>th</sup> Floor Phase-VI, DHA Lahore.

# SUI NORTHERN GAS PIPELINES LIMITED

## UPGRADATION OF SHED AT COATING PLANT, UCHH SHARIF, DISTRICT BAHAWALPUR

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# SUI NORTHERN GAS PIPELINES LIMITED

## UPGRADATION OF SHED AT COATING PLANT, UCHH SHARIF, DISTRICT BAHAWALPUR

### (FORM OF TENDER)

(Notes:- The Appendix forms part of the Tender. Tenderers are required to fill up all the blank spaces in this Tender Form and carefully review the Appendix)

To

The Managing Director,  
Sui Northern Gas Pipelines Ltd;  
Sui Gas House, 21-Kashmir Road,  
Lahore.

DEAR SIR,

Having examined the Drawings, Conditions of Contract Specifications, for the execution of the above-named works, we the undersigned, offer to construct, complete and maintain the whole of the said works in conformity with the said Drawings, Conditions of Contract, Specifications and Bid Sheet for the sum of Rs. \_\_\_\_\_.

(Rupees \_\_\_\_\_ or such other sums as may be ascertained in accordance with the said conditions.

2. I/We undertake if my / our Tender is accepted to commence the works within fifteen days of receipt of the Company's order to commence, to complete and deliver whole of the works comprised in the contract within the time mentioned in Appendix "A" calculated from the last date of commencement time.
3. If my / our tender is accepted I / we will, obtain the guarantee of Scheduled Bank / approved Insurance Company to be jointly and severally bound with us in a sum not exceeding ten percent of the above named sum for the due performance of the Contract under the terms of Bond to be approved by you.
4. I / We agree to abide by this Tender for the period of ninety days from the date fixed for receiving the same and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
5. Unless and until a formal Agreement is prepared and executed, this Tender, together with your written acceptance thereof, shall constitute a binding Contract between us.
6. I / We understand that you are not bound to accept the lowest or any tender you may receive.
7. As a guarantee for the performance of the undertaking and obligations of this tender, we submit herewith Earnest Money equivalent to 2% (Two percent) of \_\_\_\_\_ *(Appendix-A)*

INCHARGE (CIVIL)

SIGNATURE & SEAL OF CONTRACTOR



call receipt in your favour and made payable to you, without any reference to us, and valid for 120 days (one hundred and twenty days) from the date set for opening of Tender.

Dated: \_\_\_\_\_ day of \_\_\_\_\_ 2024.

Signature \_\_\_\_\_ in the capacity of \_\_\_\_\_

Authorized to sign tender for & on behalf of \_\_\_\_\_  
(IN CAPITAL LETTERS)

WITNESS:

1. Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

\_\_\_\_\_

Occupation: \_\_\_\_\_



INCHARGE (CIVIL)

A handwritten signature in blue ink, appearing to be "Jabe".

SIGNATURE & SEAL OF CONTRACTOR

## FORM OF AGREEMENT

This AGREEMENT made on \_\_\_\_\_ day of \_\_\_\_\_ 2024 between

\_\_\_\_\_ (hereinafter called "The Employer") of the one  
part and \_\_\_\_\_ of

\_\_\_\_\_ (hereinafter called "The Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works should be constructed, viz.  
\_\_\_\_\_ and has accepted a  
Tender by the Contractor for the construction completion, and maintenance of such Works.

NOW THIS AGREEMENT WITNESSETH as follows:-

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Condition of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:-
  - a) The said Agreement and Tender Documents
  - b) The Drawings and further drawings
  - c) The Specific Specifications
  - d) The Bid Sheet and mode of Payment
  - e) The Letter of Acceptance
  - f) The correspondence and instructions issued from time to time during execution of works
3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute complete and maintain the Works in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor in consideration of the construction, completion and maintenance of the Works at the contract price at the times and in the manner prescribed by the contract.



INCHARGE (CIVIL)

A handwritten signature in blue ink, appearing to be "S. S. S.", written over a horizontal line.

SIGNATURE & SEAL OF CONTRACTOR

IN WITNESS whereof the parties hereto have caused their respective Common Seals to be hereunto affixed (or hereunto set their respective hands and seals) the days and year first above written.

Signed By

\_\_\_\_\_  
Managing Director  
Sui Northern Gas Pipelines Ltd.  
21-Kashmir Road, Lahore

**Contractor**

Signature with Seal

**IN THE PRESENCE OF:-**

1- Name \_\_\_\_\_  
Signature: \_\_\_\_\_  
Designation: \_\_\_\_\_

Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Designation: \_\_\_\_\_

2- **Witness:**  
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Occupation: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Occupation: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_



INCHARGE (CIVIL)

A handwritten signature in blue ink, appearing to be "Zunbi".

SIGNATURE & SEAL OF CONTRACTOR

**APPENDIX "A"**

1.	Earnest Money	<del>Two percent (2%) of the tendered cost of the project as per Bid Sheet Summary of Cost</del> <b>Rs. 150,000/-</b>
2.	Amount of Performance Bond or Guarantee	<b>Ten Percent (10%)</b> of the amount mentioned in the acceptance letter / work order (accepted amount) to be submitted within 15 days of issuance of work order issued by SNGPL approved Insurance Company.
3.	Validity of Performance Bond or Guarantee	Till satisfactory completion of the project & issuance of completion certificate.
4.	Time for Completion	<b>3 Months</b> for whole of the project, including Mobilization Period of 15 days.
5.	Amount of Liquidated Damages	<b>0.2%</b> of the accepted amount / final cost of project per day for each day of delay.
6.	Limit of Liquidated Damages	<b>10%</b> of the total accepted amount or final cost of the Project.
7.	Period of Maintenance	<b>Twelve (12) Months</b> after date of completion of works.
8.	Percentage of Retention Money	<b>Ten percent (10%)</b> of gross amount of each running bill.
9.	Limit of Retention Money	<b>Ten percent (10%)</b> of gross amount from all running payments.  Five percent (5%) of amount from final payment



*Jubin*

10.	Payment of retention money	After successful completion of maintenance period & / or satisfactory rectification of all defects / deficiencies pointed out during maintenance period.
11.	Time within which payment to be made after Certification	Forty Five (45) working days of SNGPL Head Office
12	Mode of Payment	The Partial payments (PPC's) shall be processed on submission of claims by the contractor on completion of any work order activity(s).  All works as per actual measurements at site.
13	Earnest Money	150,000/- Rupees (Must be submitted at the Office of Incharge (Civil), Civil Construction Department, 2nd Floor, Gas House 21 Kashmir Road Lahore in hard form along with Hard Copy of Tender Documents Signed & Stamped by Contractor before Tender Submission Time otherwise the bid would be declared non-responsive).
14	Tender Documents Fee	Rs. 2500/- against Pay Order in the Favor of M/s. Sui Northern Gas Pipelines Limited (non-refundable) Must be submitted at the Office of Incharge (Civil), Civil Construction Department, 2nd Floor, Gas House 21 Kashmir Road Lahore before tender submission date and time, Without Submission of Tender Fee, Bid would be declared non-responsive.

INCHARGE (CIVIL)

*[Handwritten Signature]*

SIGNATURE & SEAL OF CONTRACTOR



**SUI NORTHERN GAS PIPELINES LIMITED**  
**UPGRADATION OF SHED AT COATING PLANT, UCH SHARIF,**  
**DISTRICT BAHAWALPUR**

SNGPL desires to construct the "**UPGRADATION OF SHED AT COATING PLANT, UCH SHARIF, DISTRICT BAHAWALPUR**" thru competent Civil Contractor to carry out the complete Civil Construction works as per Specification and drawings given in tender documents.

**SPECIAL CONDITIONS**

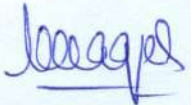
The bid is being invited as per '**Single Stage-Two Envelope**' procedure, in Compliance of PPRA Rule No. 36(b). If the bidder fails to fulfill any of following mandatory requirements, his bid will be considered as nonresponsive and will be rejected without opening his '**Financial Proposal**'.

1. The bid shall comprise a single package with only the name of work, Containing the following in **two separate** envelopes:
  - a. '**Technical Proposal**'
  - b. '**Financial Proposal**'

The envelopes shall be marked as '**TECHNICAL PROPOSAL**' and '**FINANCIAL PROPOSAL**' in bold and legible letters to avoid confusion.

2. Initially, only the envelope marked as '**TECHNICAL PROPOSAL**' shall be opened. The envelope marked as '**FINANCIAL PROPOSAL**' shall be retained in the custody of SNGPL without being opened.
3. Bid Bond must be submitted in hard form at the office of INCHARGE (CIVIL) before Bid opening time otherwise the Bid would be declared non-responsive.
4. SNGPL shall evaluate the '**Technical Proposal**' in a manner prescribed in clause 5 below, without reference to the price and reject any bid which does not conform to the specified requirements.
5. The '**Technical Proposal**' must contain the following:
  - i. Certificate of registration of bidder with Pakistan Engineering Council in the relevant category valid for current year or copy of last previous year along with receipt of amount submitted for renewal of registration.

- ii. Copy of five pages of **HSE contractor Statement** given in tender documents are required to be filled, stamped and signed by bidders and submit along with Technical Proposal.
- iii. National Tax Number along with copy of certificate.
- iv. Copy of Professional Tax Clearance Certificate.
- v. Copy of Provincial Sales Tax (PST) Registration.



5. Following relevant paper must be provided in respective cases:-

- Name of the bidder
- Type of ownership i.e. Proprietor/Partnership/Private Limited Co./Public Ltd. Co.
- ✓ Copy of CNIC in case of single proprietor,
- ✓ Copy of partnership deed in case of partnership,
- ✓ Copy of Article of Association for Private/Public Limited Companies,
- ✓ Proof of Experience of the firm regarding carrying out heavy steel work Project costing not less than Rs. 15.0 million during last 5-years.

6. The '**Financial Proposal**' should contain the **tender documents** with each page signed along with '**Bid Sheet**' duly filled in,

7. After submission of bid, no amendments shall be permitted.

8. The work comprises following three items

- a) Construction of Boundary Wall
- b) Parking Shed
- c) Road Paver Blocks

The Client at its discretion may, after evaluation of BOQ with draw/ defer/ cancel/ reduce the construction of component at any of three in view of available funds.

The bidder will have no objection on this account and act will not invalidate the Bid.

9. The '**Technical Proposals**' shall be evaluated after opening. The '**Financial Proposal**' of bids found technically nonresponsive shall be returned un-opened to the respective bidders. Thereafter the '**Financial Proposals**', of the technically accepted bids only, will be opened in the presence of concerned bidders.

10. In case of any conflict between the Design Drawings and the Technical Specifications, the Drawings shall **supersede** the Specifications. However, final decision will be made by Incharge Civil.

11. If excess in the quantities of any item of work is required either due to requirement of the client departments of SNGPL or due to some other unavoidable site conditions, the same should be informed by the contractor well in time in order to seek **formal written approval from the INCHARGE (CIVIL)**. The contractor should also quantify and inform the increase in cost of work due to any such excess in quantity of any item. Upon receipt of above stated intimation of the contractor, the Company will

INCHARGE (CIVIL)

SIGNATURE & SEAL OF CONTRACTOR



12. Issue formal written permission to the contractor for proceeding ahead in the matter accordingly.

The contractor has no authorization to exceed the quantities of different items given in the work order without prior written permission of the **INCHARGE (CIVIL)**. If any contractor executes the construction work in such a way that causes excess in quantities of any item of work, over and above the work order quantities without prior written permission of the **INCHARGE (CIVIL)**, the Company may refuse for payment against such excess quantities.

13. If the construction site is not cleared and handed over to the Contractor by the Company within 60 days of issuance of work order, the contractor may withdraw his offer and in such case the Earnest Money and/or Performance Bond submitted by the contractor will be returned by the Company.

14. Complete HSE (Health Safety and Environment) contractor Manual is available at SNGPL website [www.sngpl.com.pk](http://www.sngpl.com.pk) which must be studied for true implementation during execution of work. Implementation of HSE procedures shall be ensured as per prevailing HSE policy of SNGPL during execution of works.

15. 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:

a.	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 a 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 a maximum period of 5 year, whichever is less.
b.	In case of Disability (Permanent)	Rs. 500,000/-
c.	Fatality	Rs. 500,000/-

16. Contractor should apply Safety Supervisor to enforce SNGPL HSE policy in true spirit. Failure to compliance with HSE initiative at operational sites will lead to blacklisting of a contractor through following disciplinary action.

e.	1st Violation	Warning-letter
f.	2nd Violation	Deduction of Rs. 100,000/-
g.	3rd Violation	Deduction of Rs. 500,000/-
h.	4th Violation	Suspension for period of Six Months
i.	5 <sup>th</sup> Violation	Blacklisting



*J. Khan*

17. To ensure that contractor obtains 3<sup>rd</sup> party insurance to cover such incidents (Harmful Incidents / Any Accident)
18. To ensure that sufficient security is retained by the Company from the contractors to cover such case (Harmful Incidents / Any Accident)
19. Protective gear should be provided to workers by the contractors to avoid such accidents (Harmful Incidents / Any Accident)
20. To take care of the above point in future as well as running contracts.



INCHARGE (CIVIL)

SIGNATURE & SEAL OF CONTRACTOR

*[Handwritten signature]*

**INTEGRITY PACT**

**UPGRADATION OF SHED AT COATING PLANT,**  
**UCHH SHARIF, DISTRICT BAHAWALPUR**

**RS.10.00 MILLION OR MORE**

Contract Number: \_\_\_\_\_ dated: \_\_\_\_\_

Contract Value: \_\_\_\_\_

Contract Title: \_\_\_\_\_

(Name of Contractor) hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing (name of Contractor) 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.

(Name of Contractor) certifies that it has made and will make full disclosure of all agreements and arrangements with all person in respect of or related to the transaction with GoP and has not taken action or will not take any action to circumvent the above declaration, representation or warranty.

(Name of Contractor) 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 procured as aforesaid shall without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be void able at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, (name of Contractor) agrees to indemnify GoP for an loss of damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time the sum of any commission gratification, bribe, finder's fee or kickback given by (name of Contractor) 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 from GoP.



INCHARGE (CIVIL)

*[Handwritten Signature]*

SIGNATURE & SEAL OF CONTRACTOR

## **SPECIAL CONDITIONS OF CONTRACT**

1. The contractor shall quote the rates in the Bid Sheet attached to construct, complete and maintain the works to the fully functional / operational conditions covering and including all the Civil Works. All internal services to be properly connected to external services.

For this purpose, contractor(s) shall calculate and evaluate the quantities and Quantum of works themselves and no claim of contractor whatsoever shall be entertained by the Company for any miscalculation and / or unforeseen works after submission of tender by the Contractor and approval thereof by the Company.

### **2. Escalation of Prices**

No escalation in respect of any kind of material and labour shall be paid in any case due to increase / decrease of prices in the market.


3. Cement manufactured in Pakistan only should be used on this project.
4. Advance deduction of all applicable taxes at source is to be made on all interim & final payments to the contractor according to the existing rules of Govt. of Pakistan, except for the release of mobilization advance, which is adjusted, in subsequent payments. The necessary certificate for deduction of taxes will be issued to Contractor as & when demanded by the Contractor.
5. The units rates of items mentioned in specific specifications of civil works, should be filled up.



INCHARGE (CIVIL)

A handwritten signature in blue ink, appearing to be "Zubair", written over a horizontal line.

SIGNATURE & SEAL OF CONTRACTOR

	<b>SUI NORTHERN GAS PIPELINES LIMITED</b>	<b>DOC. # SNGPL-GPR013-F001</b>	
		<b>Issue # 01</b>	<b>Issue Date</b>
<b>Contractor HSE Statement</b>		Page 1 of 5	<b>30-01-14</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]

<b>Name:</b>	
<b>Phone Number:</b>	
<b>Fax Number:</b>	
<b>Dept Name:</b>	

**Section II. Requisition Information:** [type or print]

<b>Requisition Number:</b>	
<b>Project Number: (if applicable)</b>	

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

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



*[Handwritten Signature]*



**SUI NORTHERN GAS PIPELINES LIMITED**

DOC. # SNGPL-GPR013-F001

**Contractor HSE Statement**

Issue # 01

Issue Date

Page 2 of 5

30-01-14

**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]**

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





**SUI NORTHERN GAS PIPELINES LIMITED**

DOC. # SNGPL-GPR013-F001

Issue # 01

Issue Date

**Contractor HSE Statement**

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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	
Other (specify)	
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.



*[Handwritten signature]*



**SUI NORTHERN GAS PIPELINES LIMITED**

**DOC. # SNGPL-GPR013-F001**

**Contractor HSE Statement**

**Issue # 01**

**Issue Date**

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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:

<b>Health, Safety and Environment Management Basics</b>	<b>Tick (✓)</b>
1. Contractor will ensure that the <ul style="list-style-type: none"> <li>• Health of its employees is protected.</li> <li>• All activities carried out for the execution of the job are safe.</li> <li>• Compliance is met with all relevant laws and regulations.</li> <li>• All HSE (Health, Safety and Environment) procedures of the Company are implemented.</li> <li>• Safe working environment is provided to its employees.</li> </ul>	
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.	

*[Handwritten Signature]*





**SUI NORTHERN GAS PIPELINES LIMITED**

DOC. # SNGPL-GPR013-F001

**Contractor HSE Statement**

Issue # 01

Issue Date

Page 5 of 5

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.

<b>Name</b>	
<b>Title</b>	
<b>Signature</b>	
<b>Date</b>	



*Yasir*

# SUI NORTHERN GAS PIPELINES LTD.

## GENERAL TERMS AND CONDITIONS

### 1. TENDER PREPARATION AND SUBMISSION

The tenders shall be prepared at tenderer's own cost and shall be submitted on prescribed form of tender in sealed envelopes on which only the name of work should be clearly written in capital letters while name of tenderer should not be written. All entries should be made in ink in both words and figures. All pages of the tender documents must be signed and stamped by the tenderer. The preparation of tender documents and any correspondence in connection with the tender documents should be in English language. The tender shall be delivered in person or by mail to the following address:

INCHARGE (CIVIL)  
2<sup>nd</sup> FLOOR, S.N.G.P.L. HEAD OFFICE,  
21-KASHMIR ROAD,  
LAHORE

So as to reach on or before the time and date given in Tender Inviting Notice/Letter, at the specified time and place, the tenders will be opened. Tenderers are invited to be present at the time of opening of the tenders. Only the tenderer's name and total tendered prices will be announced. The tender documents thus once submitted shall become property of the Company and shall not be returned whatsoever.

### 2. CLARIFICATIONS, INTERPRETATIONS

The tenderer shall study the drawings and specifications carefully. Any information, clarifications, interpretations sought by the intending tenderers must be referred in writing to Company not later than 6 (six) days prior to the date of submission of tenders, who will issue necessary instructions in writing to all tenderers simultaneously, which will become part of the contract. The tenderers shall sign copies of all such addenda and submit them together with the tender documents and drawings. Verbal discussions shall not to be considered binding. No extension in the closing date shall be demanded on account of any such clarification and/or interpretation having received late. If no clarification is obtained within the prescribed time and later on any discrepancy (e.g. mismatch between any tender documents etc..) is noticed, then the decision of the Company shall be final and binding.

### 3. MODIFICATIONS

Modifications in the tender documents, if required by the Company, will be made by issuing addenda to the Tender Documents. Intimation of such modifications will be sent to each tenderer, minimum four days prior to the date of submission of tenders. No amendment or modification of the contract shall be made except in writing and signed by the Company.



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4. **CONDITIONAL TENDER**

Conditional tender will not be accepted.

5. **RATES**

The Contractors shall quote the item rate(s) and rate on lump sum cost basis (if not given otherwise) in the bid sheet attached to construct, complete and maintain the works included in the bid sheet, to the fully functional/operational conditions covering and including all the civil works, public health and sanitation work, electrical works, laying conduit pipe for telephone lines, external works and all other services whether or not shown in the drawings or given in the specific specifications. For this purpose, Contractors shall calculate and evaluate the quantities and quantum of works themselves and no claim of Contractors whatsoever shall be entertained by the Company for any miss-calculation of tender by the Contractors. The rates quoted by the Contractors shall be for complete finished work and shall be comprehensive and complete in all respects including cost of all materials, labour, tools and plants, carriage, taxes, profits, incidental charges etc.

6. **RATE ANALYSIS**

The Contractors should provide rate analysis of each item (if required).

7. **RIGHT OF REJECTING TENDER**

The Company shall have the right of rejecting any or all of the tenders. The Company is not bound to award the contract to the lowest tenderer.

8. **EARNEST MONEY**

A Demand Draft, Pay Order, Deposit-at-Call or Deposit Receipt issued from any scheduled bank of Pakistan (preferably at Lahore), equal to ~~2%~~ <sup>(Appendix - A)</sup> of tendered amount of work in favour of Sui Northern Gas Pipelines Limited, Lahore shall be submitted with tender as earnest money. Tenders without Earnest Money will not be entertained. Cheques and cash will not be accepted. The earnest money of unsuccessful tenderers shall be returned

- a. After execution of contract agreement with the successful tenderer or
- b. If all the tenderers are rejected, after such rejection or
- c. Within sixty days of opening of tender

The earnest money of the successful tenderer shall be returned after submission of Performance Bond. If the tenderer to whom the contract is awarded refuses or neglects to execute the agreement than the earnest money will be forfeited and contract may be rescinded. If the construction site is not cleared and handed over to the Contractors by the company within 60 days of issuance of work order, the earnest money will be returned to the Contractors by the company.

9. **VALIDITY OF BID**

The bid shall remain valid and may remain open and binding for a period of 60 days from the date of opening of tender or until the work order issued to the successful tender.

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*Q. Malik*

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#### **10. PERFORMANCE BOND OR GUARANTEE**

The Contractors will have to submit, at his own expense, Performance Bond as per detail given in Appendix-A. Terms of the bond shall be as per sample provided by the Company.

#### **11. STANDARD OF WORK**

The work shall be done to the entire satisfaction of the Company. The Company is the sole judge to approve the standard of work and if any defects are observed up to completion of maintenance period, the Contractors shall make good all such defects at his own risk and cost including materials. If the Contractors fails to do any such work, as aforesaid required by the Company, the Company can get the same work done through any other means and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractors by the Company or may be deducted by the Company from any money due or which may become due to the Contractors.

#### **12. HSE POLICY**

SNGPL is committed to the health and safety of its employees, preservation of environment and continued improvement of HSE performance by reducing potential hazards, preventing pollution and adhering to applicable laws and regulations in all its activities related to its Contractors. Following should be ensured by the Contractors.

##### **1. Usage of Personal Protective Equipment.**

The use of Personal Protective Equipment is to reduce employee's exposure to hazard when engineering and administrative controls are not feasible or effective to reduce the risks to acceptable levels. Personal Protective Equipment is last line of defense.

2. **Wearing of closed shoes,**
3. **Not wearing loose clothes,**
4. **Not to use defective machinery and plant,**
5. **Not to work in unsafe condition &**
6. **Not to perform unsafe acts**

#### **13. REMOVAL OF ANY CONTRACTOR'S EMPLOYEE FROM SITE**

The Company shall be at liberty to object to and require the Contractors to remove forthwith from the works any person employed by the Contractors in or about the execution or maintenance of the works, who, in the opinion of the Company, misconducts, or is incompetent or negligent in the proper performance of his duties, or whose employment is otherwise considered by the Company to be undesirable and such person shall not be again employed upon the works without the written permission of the Company. Any person so removed from the works shall be replaced as soon as possible by a competent substitute approved by the Company.

#### **14. CONTRACTORS LIABLE FOR DAMAGE TO PLANT AND PEOPLE ETC.**

The Contractors shall be at any time, liable for the loss of or damage to any of the said constructional plant, temporary works, materials and people including labour etc.



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**15. SERVICE OF NOTICES ON CONTRACTORS**

All certificates, notices or written orders to be given by the Company to the Contractors under the terms of the contract shall be served by sending by post to or delivering the same to the Contractors principal place of business, or such other address as the Contractors shall nominate for this purpose.

**16. TESTING OF MATERIALS ETC.**

All types of expenditures to be incurred on testing of different parameters shall be borne by the Contractors.

**17. SUBLETTING**

No major work shall be sublet without prior written permission of the Company.

**18. REMOVAL OF IMPROPER WORK AND MATERIAL**

a. The Company shall during the progress of the works have power to order in writing from time to time:

- i. The removal from the site, within such time or times as may be specified in the work order, of any materials which, in the opinion of the Company, are not in accordance with the contract.
- ii. The substitution of improper and unsuitable materials and
- iii. The removal and proper re-execution, notwithstanding any previous test thereof or interim payment of any work which in respect of materials or workmanship is not in the opinion of the Company, in accordance with the contract.

b. **DEFAULT OF CONTRACTOR'S COMPLIANCE**

In case of default on the part of the Contractors in carrying out such order, the Company shall be entitled to employ and pay other persons to carry out the same and all expenses consequent thereon or incidental thereto shall be recoverable from the Contractors by the Company, or may be deducted by the Company from any money due or to which may become due to the Contractors.

**19. RATE OF PROGRESS**

If for any reason, which does not entitle the Contractors to an extension of time, the rate of progress of the works or any section is at any time, in the opinion of the Company, too slow to ensure completion by the prescribed time, the Company shall so notify the Contractors in writing and Contractors shall thereupon take such steps as are necessary and the Company may approve to expedite progress so as to complete the works or such section by the prescribed time. The Contractors shall not be entitled to any additional payment for taking such steps. If as a result of any notice given by the Company under this clause, the Contractors shall seek the Company's permission to do any work at night



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or on Sunday, if locally recognized as days of rest, or their locally recognized equivalent, such permission shall not be unreasonably refused. If it is still felt that the progress of the Contractors is not satisfactory and in the opinion of the Company, the project is likely to be delayed due to poor progress, the remaining work can be taken over from the Contractors after giving 14 days notice and the work can be got completed at the risk and cost of the Contractors.

## **20. ADVANCE PAYMENT**

No advance payment shall be made except described in Appendix-A.

## **21. CORRECTION AND WITHHOLDING OF PAYMENT CERTIFICATES**

If the works or part of the works contained in the PPCs/FPC of the Contractors are found incomplete, defective, rejected and/or with calculation error(s) etc., the Company shall and/or can:

- a. Correct and deduct from the bill such amount or amounts as the Company may consider proper and reasonable or
- b. Withhold payment certificate till the proper completion and rectification of the works or part(s) thereof or
- c. Send back the said bill to the Contractors for resubmission of proper bill in proper form and details as required by the Company.

The Contractors shall have no claim whatsoever for any delay thus occurring in issuing the payment certificates and releasing the payment thereof.

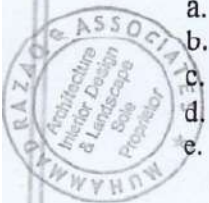
## **22. INCOME TAX DEDUCTION**

As required under the law, Income Tax will be deducted as per prevailing Government instructions and deposited with the Income Tax Department. However, a certificate for such deduction will be issued to the Contractors.

## **23. VARIATIONS**

The Company shall make any variations of the form, quality or quantity of the works or any part thereof that may, in its opinion, be necessary and for that purpose, or if for any other reason it shall, in its opinion be desirable, the Company shall have power to order the Contractors to do and the Contractors shall do any of the following:

- a. Increase or decrease the quantity of any work included in the contract.
  - b. Omit any such work
  - c. Change the character or quality or kind of any such work
  - d. Change the levels, lines, position and dimensions of any part of the works, and
  - e. Execute additional work (s) of any kind necessary for the completion of the works
- And no such variation shall in any way vitiate or invalidate the contract. Additional proportionate time may be allowed by the Company on the basis of any addition in work (s) as per following:



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1. If excess in the quantities of any item of work is required either due to requirement of the client departments of SNGPL or due to some other unavoidable site conditions, the same should be informed by the Contractors well in time in order to seek **formal written approval from the Incharge (Civil)**. The Contractors should also quantify and inform the increase in cost of work (s) due to any such excess in quantity of any item.
2. Upon receipt of above stated intimation of the Contractors, undersigned will issue **formal written permission** to the Contractors for proceeding ahead in the matter accordingly.
3. The Contractors have no authorization to exceed the quantities of different items given in
4. the work order without prior written permission of the **Incharge (Civil)**.
5. If any Contractors execute the construction work(s) in such a way that causes excess in quantities of any item of work, over and above the work order quantities without prior written permission of the Incharge (Civil), the Company may refuse for payment against such excess quantities.

#### **24. VALUATION OF VARIATION**

All extra or additional work (s) done or work (s) omitted by the order of the Company shall be valued at the rates and prices set out in the contract if, in opinion of the Company, the same are reasonable, otherwise the same will be rationalized as per following formula given for non-BOQ items.

The rates for additional works (non-BOQ), if any, will be calculated on the basis of following guidelines:

- i. Average market price of material specified quality.
- ii. Cost of labour worked out rationally.
- iii. 10% of cost of material and labour as overhead expenses and taxes of Contractors.
- iv. 15% of cost of material and labour as profit of the Contractors.

#### **25. RETENTION MONEY**

Retention money will be deducted from the PPCs and FPC as per detail given in Appendix-A. No interest shall accrue on money converted into retention amount. Any sums payable by the Contractors to the Company under the terms of this contract may be deducted from the retention money of this work or any other work whose retention money is held by the Company. In event of retention money being reduced due to such deductions, the Contractors shall within ten days thereafter make good in cash, the deficiency so caused. The amount of retention money, after making all deductions for sums recoverable under this contract, shall be released to the Contractors after successful completion of maintenance period.

#### **26. ESCALATION**

No escalation in respect of any kind of material and labour shall be paid in any case due to increase of prices in the market.

#### **27. NATIONAL TAX NUMBER AND PROFESSIONAL TAX CLEARANCE CERTIFICATE**

The Contractors will have to produce National Tax Number and Professional Tax Clearance Certificate.

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**28. COMPLETION TIME**

The Contractors shall complete all contract works within stipulated 'Time of Completion' as given in Appendix-A.

**29. TIME EXTENSION**

Delay in work due to special circumstances of any kind, which may occur without default of the Contractors, shall entitle the Contractors to an extension in time for completion of work. These special circumstances may include war, riots, epidemics, adverse climatic

conditions, law and order situation or other circumstances of such kind which are beyond the reasonable control of the Contractors. The Company shall determine the amount of such time extension and shall notify to the Contractors accordingly.

**30. LIQUIDATED DAMAGES (PENALTY)**

In case of delay in completion of work from stipulated completion date on the part of the Contractors, Liquidated Damages (Penalty) for such default of the Contractors will be imposed as per the percentage amount given in the Appendix-A for each day of delay. This clause, however, shall not be applicable if in the opinion of the Company, the delay is due to war, riots, epidemics and/or any other reason out of reasonable control of the Contractors. The Company, may without prejudice to any other method of recovery, deduct the amount of such damages from any money in its hands, due or which may become due to the Contractors. The payment or deduction of such damages shall not relieve the Contractors from his obligation to complete the works, or from any other of his obligations and liabilities under the contract.

**31. MAINTENANCE PERIOD**

a. The 'maintenance period' shall mean the period of maintenance named in the Appendix-A to the tender, calculated from the date of completion of the works, certified by the Company.

b. **EXECUTION OF WORK OF REPAIR ETC.**

To the intent that the works shall at or as soon as practicable after the expiration of the period of maintenance, be delivered to the Company in the condition required by the Contractors, fair wear and tear excepted, to the satisfaction of the Company, the Contractors shall finish the work, if any, outstanding at the date of completion, as certified hereof, as soon as practicable after such date and shall execute all such repair, amendment, reconstruction, rectification and making good defects, imperfections, shrinkages or other faults as may be required of the Contractors in writing by the Company during the maintenance period, or within 14 days after its expiration, as a result of an inspection made by or on behalf of the Company.



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c. **COST OF EXECUTION OF REPAIR WORKS ETC.**

All such works shall be carried out by the contractors at his own expense if the necessity thereof shall, in the opinion of the Company, be due to the use of materials or workmanship not in accordance with the contract, or to neglect or failure on the part of the Contractors to comply with any obligation, expressed or implied, on the Contractors part under the contract. If, in the opinion of the Company, such necessity shall be due to any other cause, the value of such work shall be ascertained and paid for as if it were additional work(s).

d. **REMEDY ON CONTRACTORSS' FAILURE TO CARRY OUT WORK REQUIRED**

If the Contractors shall fail to do any such work(s) as aforesaid required by the Company, the Company shall be entitled to employ and pay other persons to carry out the same and if such work which in the opinion of the Company, the Contractors were liable to do at their expense under the contract, then all expenses consequent thereon or incidental thereto, shall be recoverable from the Contractors by the Company, or may be deducted by the Company from any money due or which may become due to the Contractors.

**32. BLACKLISTING**

If the Contractors fail to execute the work as per contract, the Company may delist his name from SNGPL and the same will be forwarded to PPRA and Pakistan Engineering Council and may blacklist his name for future participation in tender.

**33. SITE CLEARANCE**

On completion of contract works, the Contractors shall clear/remove all construction debris, plants, equipment, surplus material, temporary works etc. from the site in workman like condition to the satisfaction of the Company.

**34. PROCESS OF PAYMENT/CORRESPONDENCE**

1. Work will be completed by the contractor to whom job was assigned.
2. PPCs/FPC will be processed on the name of firm's proprietor including name duly signed and stamped by the proprietor.
3. Cheques payment will be processed on the name of proprietor including firm's name.
4. No representative of the firm will sign the official documents on behalf of proprietor.
5. None of proprietor/ representative of firm is allowed to do business with the company on behalf of any other firm.

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### 35 SPECIAL CLAUSES

The Contractors will pay all the expenses relating to material testing including but not limited to the cost of material, sample preparation, carriage and testing fee etc.

The Contractors shall make available at site the equipment/apparatus required for testing of materials as directed by the Company.

The quantity of samples and the frequency of tests will be as per Standards in vogue or as directed by the Company.

#### SC2. UTILITIES:-

The Contractors shall provide accommodation, water supply and electric power to the staff deputed at site free of cost where possible.

#### SC3. QUANTITIES IN BID SHEET:-

The quantities given in bid sheet are only for reference and the payment shall be made as per actual measurement at site.

#### SC4. IMPLEMENTATION OF HSE PROCEDURES:-

The successful bidder shall follow all the applicable HSE procedures and policies at construction site in accordance with Contractors HSE statement. **Contractor should apply Safety Supervisor to enforce SNGPL HSE policy** in true spirit. Failure to compliance with HSE initiative at operational sites will lead to blacklisting of a contractor



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**SUI NORTHERN GAS PIPELINES LTD.**

**UPGRADATION OF SHED AT COATING PLANT,  
UCH SHARIF, DISTRICT BAHAWALPUR**

**LIST OF TENDER DRAWINGS**

- |   |              |
|---|--------------|
| 1. Front Elevation and Plan View of Slot<br>– Existing Arrangement      | JKE-001-S-01 |
| 2. Jacking Arrangement – Plan and Elevation                             | JKE-001-S-02 |
| 3. Arrangement of Internal Temporary Support<br>for Column of the Gable | JKE-001-S-03 |
| 4. Details A, B and C - Connection                                      | JKE-001-S-04 |

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**Bill of Quantities (BOQ) for the Work  
Upgradation of Shed at Coating Plant, Uch Sharif, District Bahawalpur.**

Sr. No.	Description	Quantity	Units	Rate	Amount	Remarks
	<b>Note:</b> All the work will be carried out to the entire satisfaction of Engineer In-charge.					
1	Removing and stacking of façade cladding and fasteners carefully for reusing the same					
		544	Sft			
2	1st class Brick work in 1:4 Cement sand mortar Temporary scaffolding for Columns					
		1069	Cft			
3	Fabrication of heavy steel work using A-36 steel and E-70 electrode for welding, including cutting, drilling, handling, assembling and fixing in position as shown on the drawings. ( Complicated nature of work)					
		5032.4	Kg			
4	Supplying and fixing in position deodar wood batons and beams for supporting Jacks					
		76	Cft			
5	<b>Cutting and separating existing Gable Columns:</b> Cutting and detaching 3 ft. length of main column having size of 24" x 12" x 1.25" using laser cutter or equivalent cutting device, at two locations, including finishing and grinding of trimmed edges and placing the cut sections at ends for raising the girder to appropriate level as per drawing. <b>At 2- No. columns locations</b>					
		2	Job			
6	(a) - Cutting and detaching 3 ft. length of main column having size of 24" x 12" x 1.25" using laser cutter or equivalent cutting device, at two locations, including finishing and grinding of trimmed edges and placing the cut sections at ends for raising the girder to appropriate level as per drawing. Detaching the welded connection of plate girder from its end bearing plates using laser cutter or equivalent cutting device, including finishing and grinding of edges. (b) - Shortening length of beam by 1" on either end in order to enable the beam to move girder upward. Laser cutter or equivalent will be used to cut. This operation is required for jacking the girder.					
		1	Job			



*John*

7	(a) - Jacking of beam having weight of 8 Tons approximately, to lift to a height of 3 ft. from its existing level using two jacks simultaneously. Jacking will require platforms, wooden beams and baton underneath the beam in orthogonal direction, in alternate layers as shown in the drawing.					
		1	Job			
8	Fabrication of heavy steel work using A-36 steel and E-70 electrode for welding, including cutting, drilling, handling, assembling and fixing in position as shown on the drawings. ( Complicated nature of work)					
	Raising of height of two end columns, as shown in Drawing					
		1671	Kg			
9	Restoration of façade cladding as per item at S.No-1					
		544	Sft			
10	Preparing surface and painting three coats of enamel paint to match with existing colour.					
	Quantity as per item (1) above - On both sides					
	Painting to steel structural members comprising of girder, columns and allied items where improvisation has been made. The enamel paint will match with the existing colour scheme.					
	<b>Total quantity</b>	1168	Sft			
11	Site cleaning and Clearance	1	Job			
	<b>Old used material:</b>					
	Old material will be collected at site and stacked within the premises of Coating Plant as per directions of the Engineer In-charge and handed over to the Client. Detail of the used material is given below:					
1	Removal of 3/4 inch thick bearing plates, MS brackets and batons fabricated to support gable frame columns including cleaning and stacking. Quantity is same as Item No. 3 above.					No rate is to be quoted by the Bidder. Material is to be handed over to the Client.
		5032.43	Kg			
2	Removal and cleaning of wooden planks and batons.	76.00	Cft			
3	Removal of brick work as detailed at Serial No. 2 above, Including cleaning of cement sand mortar from bricks and separation of bricks and bats and stacking within the premises of Coating Plant as advised by the Engineer in-charge.					

*Signature*



(a)-Bricks: 60% quantity of brick masonry					
	8662	No.			
(b)-Brick bats: 40% quantity of brick masonry					
	428	Cft			
<b>Total</b>					
Add 16% PST					
<b>Total for One Slot</b>					
<b>Total for three Slots</b>		x 3			

*J. Razaq*



# SNGPL

## Bid Sheet

Upgradation of Shed at Coating Plant, Uch Sharif, District Bahawalpur.

Sr. No.	Description	Amount	Remarks
	<b>Note:</b> <b>(i) - All the work will be carried out according to the drawings and detailed estimate and to the entire satisfaction of Engineer in-charge. However details of the work to be carried out are reproduced below:</b> <b>(ii) - Lump sum rate will be quoted by the Contractor based on the detailed quantities.</b>		
1	Removing and stacking of façade cladding and fasteners carefully for reusing the same		
2	1st class Brick work in 1:4 Cement sand mortar Temporary scaffolding for Columns		
3	Fabrication of heavy steel work using A-36 steel and E-70 electrode for welding, including cutting, drilling, handling, assembling and fixing in position as shown on the drawings. (Complicated nature of work)		
4	Supplying and fixing in position deodar wood batons and beams for supporting Jacks		
5	<b>Cutting and separating existing Gable Columns:</b>		
	Cutting and detaching 3 ft. length of main column having size of 24" x 12" x 1.25" using laser cutter or equivalent cutting device, at two locations, including finishing and grinding of trimmed edges and placing the cut sections at ends for raising the girder to appropriate level as per drawing.		
6	(a) - Cutting and detaching 3 ft. length of main column having size of 24" x 12" x 1.25" using laser cutter or equivalent cutting device, at two locations, including finishing and grinding of trimmed edges and placing the cut sections at ends for raising the girder to appropriate level as per drawing. Detaching the welded connection of plate girder from its end bearing plates using laser cutter or equivalent cutting device, including finishing and grinding of edges. (b) - Shortening length of beam by 1" on either end in order to enable the beam to move girder upward. Laser cutter or equivalent will be used to cut. This operation is required for jacking the girder.		

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7	(a) - Jacking of beam having weight of 8 Tons approximately, to lift to a height of 3 ft. from its existing level using two jacks simultaneously. Jacking will require platforms, wooden beams and baton underneath the beam in orthogonal direction, in alternate layers as shown in the drawing.		
8	Fabrication of heavy steel work using A-36 steel and E-70 electrode for welding, including cutting, drilling, handling, assembling and fixing in position as shown on the drawings. (Complicated nature of work)		
	<b>Raising of height of two end columns, as shown in Drawing</b>		
9	Restoration of façade cladding as per item at S.No-1		
10	Preparing surface and painting three coats of enamel paint to match with existing colour.		
	Quantity as per item (1) above - On both sides		
	Painting to steel structural members comprising of girder, columns and allied items where Improvisation has been made. The enamel paint will match with the existing colour scheme.		
	<b>Old used material:</b>		
	Old material will be collected at site and stacked within the premises of Coating Plant as per directions of the Engineer In-charge. Detail of the used material is given below:		
1	Removal of 3/4 inch thick bearing plates, MS brackets and batons fabricated to support gable frame columns including cleaning and stacking. Quantity is same as item No. 3 above.		
2	Removal and cleaning of wooden beams and batons.		
3	Removal of brick work as detailed at Serial No. 2 above, Including cleaning of cement sand mortar from bricks and separation of bricks and bats and stacking within the premises of Coating Plant as advised by the Engineer in-charge.		
	<b>Amount of quoted Bid</b>		
	Add 16% PST		
	<b>Bid for One Slot</b>		
	<b>Total Bid Amount for three Slots ( x 3 )</b>		

**Amount in Words: Rs.**

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*[Handwritten Signature]*

# SUI NORTHERN GAS PIPELINES LTD.

## UPGRADATION OF SHED AT COATING PLANT, UCHH SHARIF, DISTRICT BAHAWALPUR

### Execution Specifications of A-36 steel

#### **Materials and products: Fabrication and Erection:**

The completed structure shall meet the design and the client's needs. Design standards, strength, ductility, dimensional accuracy and freedom from defects are within presumed limits. The performance of a structure shall be achieved in true letter and spirit.

#### **Execution specification:**

Specifications comprise of a range of contractual documents, including design, drawings, specification with technical requirements for supply of materials and products and for workmanship and project-specific requirements for the structure. Avoid mixing steel grades.

#### **Composition of A-36 steel is given below:**

Element	Content
Carbon, C	0.25 - 0.290 %
Copper, Cu	0.20 %
Iron, Fe	98.0 %
Manganese, Mn	1.03 %
Phosphorous, P	0.040 %
Silicon, Si	0.280 %
Sulfur, S	0.050 %

#### **Mechanical Properties of A-36 steel are given below:**

##### **Mechanical Properties**

Mechanical Properties	Metric	Imperial
Tensile Strength, Ultimate	400 - 550 MPa	58000 - 79800 psi
Tensile Strength, Yield	250 MPa	36300 psi
Elongation at Break (in 200 mm)	20.0 %	20.0 %
Elongation at Break (in 50 mm)	23.0 %	23.0 %
Modulus of Elasticity	200 GPa	29000 ksi
Bulk Modulus (typical for steel)	140 GPa	20300 ksi
Poissons Ratio	0.260	0.260
Shear Modulus	79.3 GPa	11500 ksi



*Signature*

A-36 steel obtained from billet, flattened into large rolls at high temperature are to be used. A36 has excellent welding properties, suitable for grinding, punching, tapping, drilling and machining processes.

**Standards to be followed:**

ASTM A 570	For Steel Sheets, Hot Rolled sections
ASTM A 502	For Structural Steel Rivets
ASTM A 325	For Structural Steel High Strength Bolts
E-70 Electrode	For Welding of Structural Steel

**Welding**

ASTM A36 steel should be easy to weld using any type of welding method, and the welds and joints so formed are of acceptable quality.

**Heat Treatment**

ASTM A36 is subjected to the following processes:

- Normalizing at 899°C – 954°C                      1650°F-1750°F
- Annealing at 843°C – 871°C                        1550°F-1600°F
- Stress relieving at 677°C – 927°C                1250°F-1700°F
- Carburizing at 899°C – 927°C                    1650°F-1700°F
- Hardening at 788°C – 816°C                      1450°F-1500°F

**Welding Electrode**

- For metal thicker than 1/4 - 6 mm, preheat to 150F. Use either an E7018 stick electrode, an 0.035 or 0.045 E70S-3-6 MIG wire, or for all position welds an E71T-1 electrode wire.
- For MIG welding use an argon 10 to 20% CO2 mix.
- For gas shielded flux cored use a gas mix with 20 to 25% CO<sub>2</sub>.
- Ensure mill scale in weld area is removed and the plate is always at a temperature >60<sup>0</sup> F.
- Keep single pass fillet welds < 1/4 - < 6mm.
- Use stringer, do not weave unless necessary.
- For multi-pass welds, use inter-pass temp control. Ensure the inter-pass temp does not exceed 300<sup>0</sup> F.
- If possible do destructive test of a weld sample.
- If possible have the hardness and grain size checked after welding.
- If cracks occur in the HAZ double the pre-heat.



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## SUI NORTHERN GAS PIPELINES LTD.

### UPGRADATION OF SHED AT COATING PLANT, UCHH SHARIF, DISTRICT BAHAWALPUR

List of Approved Manufacturer/Dealers and suppliers

### APPENDIX- "A"

Sr. No.	PRODUCT	Country Origin	Manufacturer/ Supplier/dealer	Contact No.	Contact Person
1	<b>Moulded Case Circuit Breakers (MCCB) TP 500 VAC</b>				
	Terasaki	Japan	Jubilee Corp,Lahore	0300-8548550	Mansoor Pasha
	Sigma	Japan	Rizwan Technologies	0332-8462211	Mr.Muzmmil
	MG	France	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
	Hager	France	Jubilee Corp,Lahore	0300-8548550	Mansoor Pasha
	ABB	Germany	ABB,Lahore	0303-4443327	Mr. Mohsin
	Legrand	France	Shahid International.Lahore	0321-8472264	Mr. Qadeer
	2	<b>Minlature Circuit Breakers (MCB) SP/TP 250/500 VAC</b>			
Terasaki		Japan	Jubilee Corp, Lahore	0300-8548550	Mansoor Pasha
Sigma		Japan	Rizwan Technologies	0332-8462211	Mr.Muzmmil
Schneider		France	Schneider , Pakistan	042-111081081 0322-2880041	Mr. Omair
ABB		Germany	ABB,Lahore	0303-4443327	Mr. Mohsin



*[Signature]*

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	Legranad	France	Shahid International.Lahore	0321-8472264	Mr. Qadeer
<b>3</b>	<b>Air Break Magnetic Contractors TP 500</b>				
	Telemecanique	France	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
	National	Japan	Imperial Electric Co, Lahore		
	Tongami	Japan	Jubilee Corp, Lahore	0300-8548550	Mansoor Pasha
	GE	Spain/Italy	Inpro, Pakistan		
<b>4</b>	<b>Indication Lamps</b>				
	Fuji	Japan	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
	Maruyasu	Japan	Jubilee Corp, Lahore	0300-8548550	Mansoor Pasha
	Breter	Italy	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
<b>5</b>	<b>Wirning Terminals</b>				
	CIAMA	Spain	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
	LKE	Denmark	Al Kamal Group, Lahore	0334-4244138	Mr.Shahid
	Legranad	France	Shahid International.Lahore	0321-8472264	Mr. Qadeer
<b>6</b>	<b>ON/OFF Push Buttons</b>				
	Buji	Japan	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
	Maruyasu	Japan	Jubilee Corp, Lahore	0300-8548550	Mansoor Pasha
	LKE	Denmark	Al Kamal Group, Lahore	0334-4244138	Mr.Shahid
	Breter	Italy	SH. Wilayat & Sons, Lahore	0300-8430895	Iqbal Hamid
<b>7</b>	<b>L.T. Cables &amp; Wirning Cables</b>				

*Qadeer*



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	Pakistan Cables	Pakistan	Pakistan Cables Karachi		Khurram S.Saleem
	Fast Cables	Pakistan	Fast Cable, Lahore	0321-4434401	Mr Saleem
	CopperGat Cables	Pakistan	CopperGat Cables, Lahore	0300-8453646	Mian Skinder
	Universal Cable	Pakistan	Univesal Cables Karachi	0304-5587629	Mr Fahar
	Clipsal	France	Clipsal Pakistan, Lahore	042-111081081 0322-2880041	MR. Omair
<b>8</b>	<b>Switch &amp; Sockets SP 250V</b>				
	Clipsal	Australia	Clipsal Pakistan, Lahore	042-111081081 0322-2880041	MR. Omair
	ABB Classic	Germany	ABB,Lahore	0303-4443327	Mr. Mohsin
	Legranad	France	Shahid International.Lahore	0321-8472264	Mr. Qadeer
<b>9</b>	<b>PVC Conduft Pipes and Accessories</b>				
	Popular	Pakistan	Shahzad(Popular pipe),Lahore	0321-8480143	Sarmad Khawaja
	GM Pipe	Pakistan	GM, Pipe Lahore	0303-4443907	Mr Faheem
	Plesco Pipe	Pakistan	Plesco Pipe	0334-7771470	Mr. Abid
<b>10</b>	<b>Light Fittings</b>				
	Philips	China	Philips Pakistan		
	Sun Lighting	China	Al-karam International	0333-4263882	Mr. Zahid Khan
	NVC Lighting	China		0312-0031999	Mr. Shahid
	Oppe Lighting	China		0300-4891131	Rizwan Hussain

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*[Handwritten Signature]*

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## SPECIAL CLAUSES

### **SC-1. TESTING OF CONSTRUCTION MATERIALS ETC.**

Following tests for construction materials shall be carried out:

Sr. No.	Material	Test	Reference
1	Concrete	i. Slump Test	ASTM C 143
		ii. Compression test of 6" concrete samples at 28 days	ASTM C-39
2	Bricks	Compressive Strength	ASTM C 0067-03a
3	Aggregate	1. Sieve Analysis	ASTM C 136-5
		2. Crushing Strength by Los Angles Abrasion Test	ASTM C 131-03
4	Reinforcing Steel	1. Tensile Strength	ASTM A 615/A
		2. Elongation Test	ASTM A 615/A
5	Structural Steel	1. Steel Sheets, Hot Rolled sections - Yield & Ultimate Strength	ASTM A 570
		2. Structural Steel Rivets - Yield & Ultimate Strength	ASTM A 502
		3. Structural Steel High Strength Bolts - Yield & Ultimate Strength	ASTM A 325

- i. The Contractor will pay all the expenses relating to material testing including but not limited to the cost of material, sample preparation, carriage and testing fee etc.
- ii. The Contractors shall make available at site the equipment / apparatus required for testing of materials as directed by the Company.
- iii. The quantity of samples and the frequency of tests will be as per above Standards or as directed by the Company.

### **SC-2. UTILITIES:-**

The Contractor where possible at site, shall provide accommodation to his staff, water supply and electric power free of cost.

### **SC-3. QUANTITIES IN BID SHEET:-**

The quantities given in bid sheet are only for reference and the payment shall be made as per actual measurements made at site.

### **SC-4. IMPLEMENTATION OF HSE PROCEDURES:-**

The successful bidder shall follow all the applicable HSE procedures and policies at construction site in accordance with Contractor's HSE statement.

### **SC-5. TESTING ARRANGEMENT / EXPENSES:**

Testing arrangement / expenses for materials will be got done from approved laboratories (approved by SNGPL representative / site Incharge) shall be responsibility of Contractor.



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*[Handwritten Signature]*

**APPROVED SAMPLE OF PERFORMANCE BOND/ GUARANTEE**

No. : \_\_\_\_\_  
Dated : \_\_\_\_\_  
Amount : \_\_\_\_\_  
Expiry date : \_\_\_\_\_

To  
The Managing Director,  
Sui Northern Gas Pipelines Limited  
Sui Gas House  
21- Kashmir Road  
Lahore

Dear Sir,

BY THIS BOND/ GUARANTEE \_\_\_\_\_

Lahore whose registered office is at \_\_\_\_\_  
hereinafter called the "SURETY" do hereby bind ourselves and our successors and assigns jointly and severally by these presents, to pay the Sui Northern Gas Pipelines Ltd., Lahore (hereinafter called the "COMPANY") unconditionally on demand and without further questions, the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) sealed with our seal and dated Lahore this \_\_\_\_\_ day of \_\_\_\_\_.

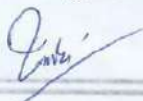
WHEREAS

M/s \_\_\_\_\_  
(hereinafter called the "CONTRACTORS") for submitting tender for

\_\_\_\_\_ a Work Order No. \_\_\_\_\_ dated \_\_\_\_\_ made between the "COMPANY" of the one part and the "CONTRACTORS" of the other part has entered in to a contract (hereinafter called "THE SAID CONTRACT") for the construction of aforesaid works as herein mentioned in conformity with the provisions of the said contract and the sum mentioned in the above written Bond/ Guarantee represents the retention money to be furnished by the Contractors for fulfillment of the said contract.

NOW THE CONDITION of the above written Bond/ Guarantee is such that if the Contractors shall duly perform and observe all the terms, provisions, conditions and stipulations of the said contract on the Contractors part to be performed and observed according to the true purport, intent and meaning thereof as determined by the company who shall be the sole judge in the matter or if on default by the Contractors for which the company shall be the sole judge, the surety shall satisfy and discharge the damages sustained by the company thereby and determined by the company of the above written bond/ Guarantee, then this obligation shall be null and void but no alteration in terms of the said contract made by agreement between the company and the Contractors or in the extent or the nature of the works to be constructed, completed and maintained there under and no allowance of the time by the company under the said contract nor any forbearance or forgiveness in or in respect of any matter or thing concerning the said contract on the part of

INCHARGE (CIVIL)



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the company shall in any way release the surety from any liability under the above written Bond/ Guarantee.

This Performance Bond/ Guarantee is valid up to \_\_\_\_\_ (including time of completion of work and completion of maintenance period).

Yours faithfully,

For and on behalf of "Surety"

SURETY NAME: \_\_\_\_\_

\_\_\_\_\_  
**AUTHORIZED SIGNATURE**

\_\_\_\_\_  
**AUTHORIZED SIGNATURE**

The Common seal of the ("Surety") -----  
is hereunto affixed in the presence of:

**WITNESSES:**

1. Name: \_\_\_\_\_  
C.N.I.C NO. \_\_\_\_\_  
Signature: \_\_\_\_\_
  
2. Name: \_\_\_\_\_  
C.N.I.C NO. \_\_\_\_\_  
Signature: \_\_\_\_\_



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A handwritten signature in black ink, appearing to be "Jalil".

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## APPENDIX-B

### SUI NORTHERN GAS PIPELINES LTD.

#### CIVIL CONSTRUCTION DEPARTMENT

### LIST OF APPROVED INSURANCE COMPANIES FOR PERFORMANCE BOND ONLY

1. National Insurance Corporation.
2. Habib Insurance Company Limited.
3. Eastern Federal Insurance Co., Ltd.
4. Muslim Insurance Co., Ltd.
5. Premier Insurance Co., Ltd.
6. New Jubilee Insurance Co., Ltd.
7. Universal Insurance Co., Ltd.
8. Adamjee Insurance Co., Ltd.
9. National Security Insurance Co., Ltd.
10. The Pakistan General Insurance Co., Ltd.

-----

**Note:** Earnest Money and Mobilization Advance Guarantees will, however, be acceptable from Scheduled Banks of Pakistan.



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A handwritten signature in blue ink, appearing to be "Q. Razaq".

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## Mode of Payment / Payment Schedule

Sr. No.	Description	%age Payment
1	After Completion of Slot No. 1	25 %
2	After handing over of Slot No. 1	30 %
3	After Completion of Slot No. 2	55 %
4	After handing over of Slot No. 2	60 %
5	After Completion of Slot No. 3	85 %
6	After handing over of Slot No. 3	90 %
7	After final completion of work duly 100% handed over to the end user	100 %
	<b>TOTAL</b>	<b>100 %</b>

**Note:**

The payment schedule can be re-adjusted, in case of withdrawal / deferring / cancelling of components given in BOQ.



INCHARGE (CIVIL)

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P-44

**METHODOLOGY FOR  
INCREASING HEIGHT OF SLOT BY THREE FEET  
[From 5'-1.5" to 8'-1.5"]**

**Arrangement:**

1. Existing arrangement of Slot of the **Coating Plant** may be seen in drawing No. **S-01**.
2. For raising height of existing MS girder four No. temporary masonry supports will be provided which are shown in drawing No. **S-02**.
3. Two No. masonry supports will be constructed near both ends of the girder having size of 4.125'x4.125' and height of 7'-0" by leaving a space of 3'-0", as working space from end columns, as shown on drawing No. **S-02**. Maximum load coming on each support is 8-Tons which will be lifted by jacks and transferred to the masonry support. Spreading of this load over an area of 4.125'x4.125'= 17.02 sft through steel plate gives compressive stress of  $8 \times 2240 / 17.02 = 1053$  psf (7.3 psi) which is far below the compressive strength of 1,600 to 2,000 psi of burnt bricks and 6 Tons/sft ( $6 \times 2240 / 144 = 93$  psi) allowable load carrying capacity of brick masonry in 1:4 cement sand mortar, used in construction of masonry support. The jacking load of 8Tons will be distributed on the masonry support through 2'x2'x0.75" MS plate.
4. Similarly two masonry supports will be constructed in the middle portion of the girder exactly underneath the two central columns to transfer the load of gable-roof to the girder. The arrangement comprises of constructing two No. twin masonry columns having size of 2 No.x(5'-3"x2'-3") with clear internal distance of 2'-6" as shown in drawing No. **S-02**.
5. Supporting arrangement of central gable-columns will be constructed at a height of 14'-7.5" from F.F.L. 2-No. bearing plates of **A-36 Steel** having size of 5'-3"x2'-6"x0.75" will be placed on the top of the masonry support followed by 4"x4" MS battens (A-36 Steel) fabricated by welding 2-channel sections of size 4"x2"x0.75" as shown in drawing No. **S-03**.
6. Full anchorage to the central columns will be provided at height of 15'-4.5" by providing stiffeners/brackets welded all around the columns and placed on grillage of MS battens and steel plates. The anchorage will consist of providing 6-No. brackets of size 6"x6"x1" on left and right (Top only) and 10-No. brackets of size 9"x9"x1" on top and bottom as shown on drawing No. **S-03**. Brackets will be provided duly welded to the battens and columns for providing rigid support as shown on drawing No. **S-03**.
7. Load from roof will be transferred to masonry column by the aforesaid system of stiffeners, MS battens/bracket and MS steel plates by jacking and releasing. After



transferring of the load, the lower part of existing column will be trimmed/cut, finished properly and columns welded to the girder, raised from both ends simultaneously by successive jacking. Detail of the system is shown in drawing No. S-03.

**Procedure for Lifting / Jacking of Girder:** In continuation of Serial No. 3 above:

8. After completing masonry supports on both extreme ends of girder, as described above, the top surface will be levelled and finished precisely followed by placing MS plates of size 2'x2'x1.0" on the masonry support for distributing reaction from jack on the support.
9. At the centre of the plate, jack will be placed and grillage formed using 6"x6"x4'-0" wooden battens around and 12"x6"x4'-0" wooden planks at the centre underneath the jack for successively raising the beam. After placing jacks in position and transferring reactions from the girder on the masonry supports, the existing welding arrangement of the girder with the column will be removed by melting and dislodging using high temperature gas arc welding and made free to move upward.
10. Similar procedure will be repeated on the other end of the girder.
11. Jacking at both ends of the girder will be done simultaneously and uniformly to avoid differential raising of both ends of the girder.
12. For raising base level of jacks, wooden planks of size 12"x6"x4'-0" will be placed at centre of the grillage and used for transferring of reaction from jack to the masonry support.
13. Exercise will be repeated time and again till full height of lifting of the girder by 3'-0" is achieved.
14. Brackets at ends of the girder will be provided and welded with the girder, as shown in "Detail-B" in drawing No. S-02 & 04 to provide adequate fixity of girder with the existing column as a additional safety.
15. After accomplishing the work, the site will be cleared off from all construction materials, masonry columns constructed as temporary supports and debris.
16. Sheets initially removed from front elevation of the Slot, which were partly removed in order to accommodate lifting of main girder. will be re-fixed at their original proper place, finished and painted.
17. After completing the job 100%, the site will be handed over to the end users and handing over certificate supplied to the Client.

**Notes for Welding:**

18. Welding of connection will be done using E70XX Electrode.
19. Minimum 0.5" thick single pass welding is to be provided.



20. Apply fillet, Groove (Double / single), lap or intermittent weld as per joint requirement.

For temporary supports of Gable frame following steps should be followed:

- a) Close the open face of the column section with the plate of prescribed dimensions
- b) Place the bearing plates in contact with gable-columns faces and weld from top and bottom with gable-column pacer.
- c) Place the fabricated battens on the bearing plates and weld with faces of gable column, bearing plates and other members as shown on the drawings.
- d) Finally weld the brackets at top and bottom in horizontal and vertical positions.
- e) Finish the connections to the entire satisfaction of the Engineer in-charge.

*Signature*



AUGUST 2024

# UPGRADATION OF SHED AT COATING PLANT UCH SHARIF

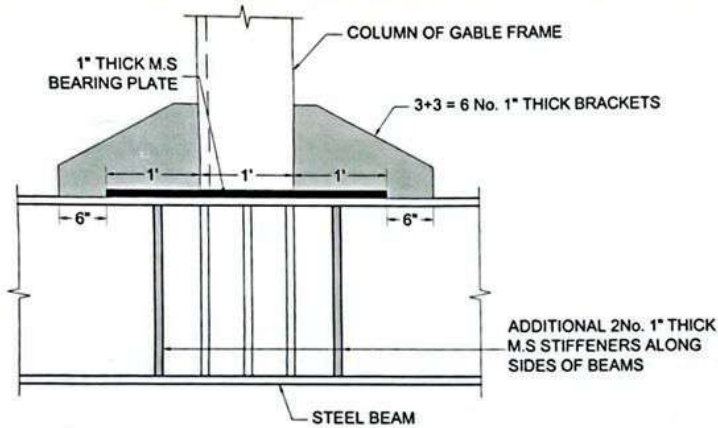


M.Sc. Engineering (Structures)  
UET, Lahore. PE Civil - 1310

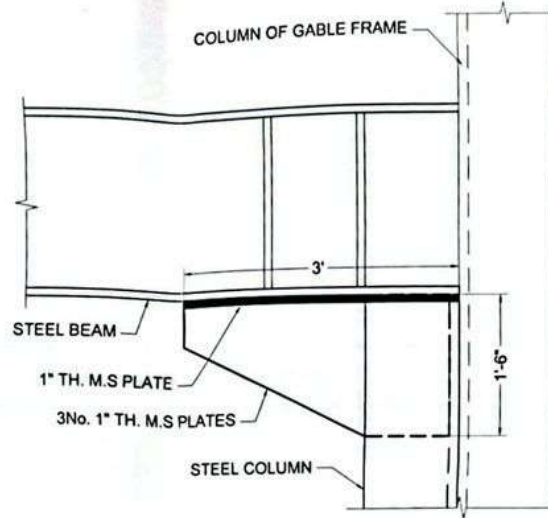


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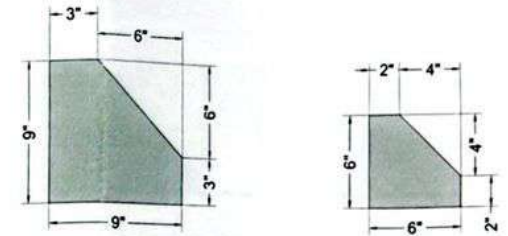




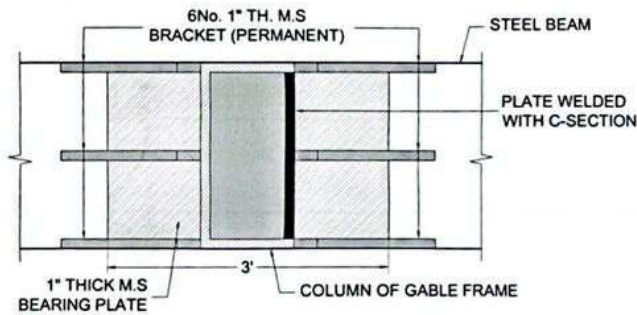
**DETAIL - A (ELEVATION)**  
DETAIL OF BEAM COLUMN CONNECTION



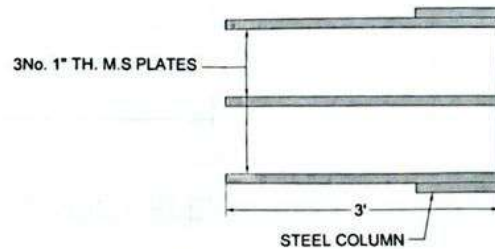
**DETAIL - B ELEVATION**  
HAUNCH DETAIL



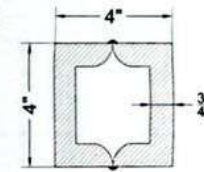
**DETAIL 'C'**  
**1" TH. M.S STIFFENERS**  
9"x9"x1" AND 6"x6"x1" (REFER DWG. S-03)



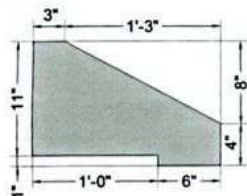
**TOP VIEW OF CONNECTION FOR DETAIL 'A'**



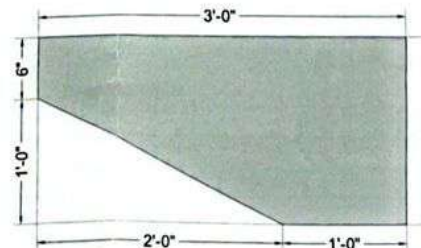
**DETAIL 'B' PLAN (BOTTOM VIEW)**



**DETAIL 'C'**  
DOUBLE CHANNEL SECTIONS COMPRISING  
OF 2 No. 4"x2"x3/4" (7'-6" LONG, 4"x4"x3/4")



**1" TH. M.S BRACKET (PERMANENT) FOR DETAIL 'A'**



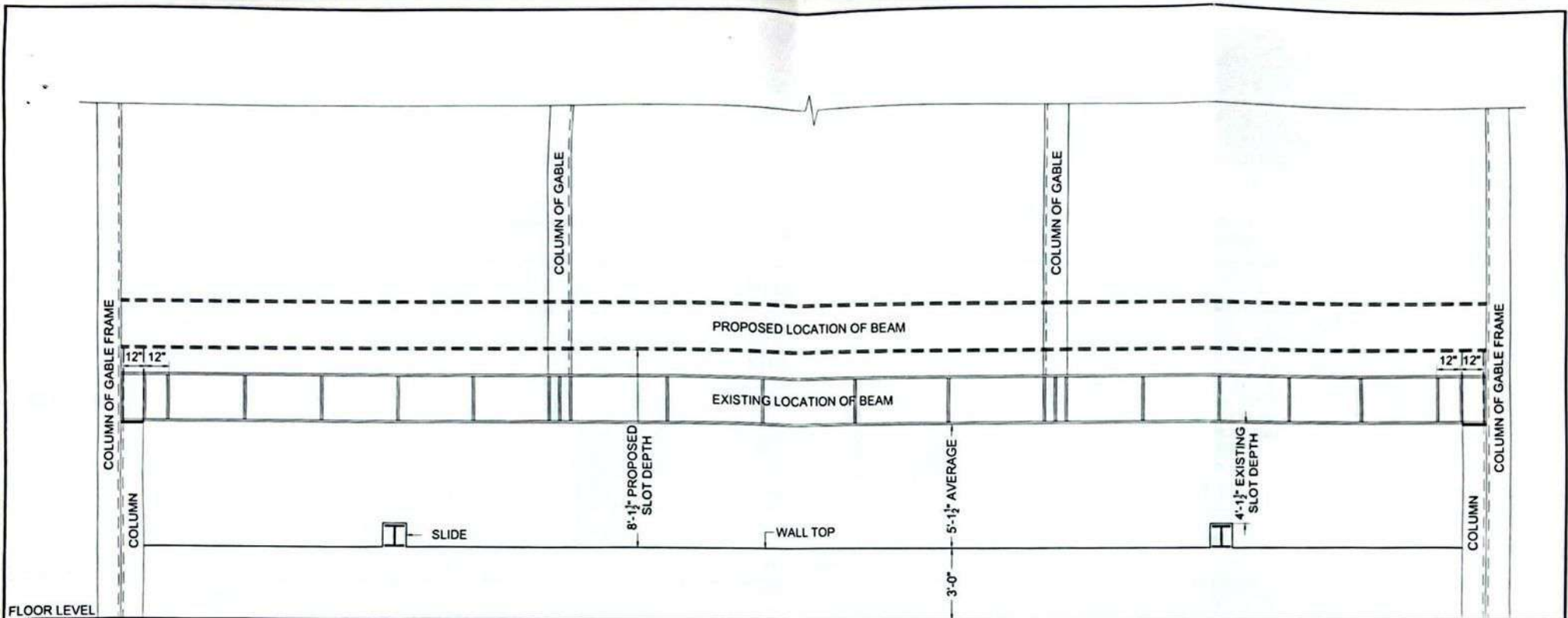
**1" TH. M.S PLATE DETAIL 'B'**

1"

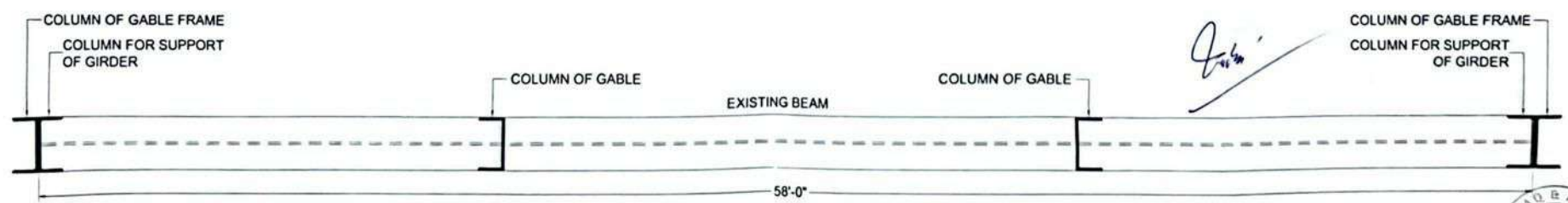
*J. Khan*



CLIENT:-	CONSULTANT:-	PROJECT:-	TITLE:-	DESIGNED BY:	SCALE:
CS	J. Khan & Associates 60-A, Park Road, Block New Garden Town, Lahore Cell Phone: 9333-4880874	UPGRADATION OF SHED AT COATING PLANT UCH SHARIF	DETAILS A, B & C CONNECTIONS	Mr. JAVAID KHALID	N.T.S
				CHECKED BY:	DATE:
				Mr. M.HAFEEZ	07-08-2024
				DRAWN BY:	JKE-001-S-04
				Rev. DATED	DESCRIPTION



FRONT ELEVATION OF SLOT

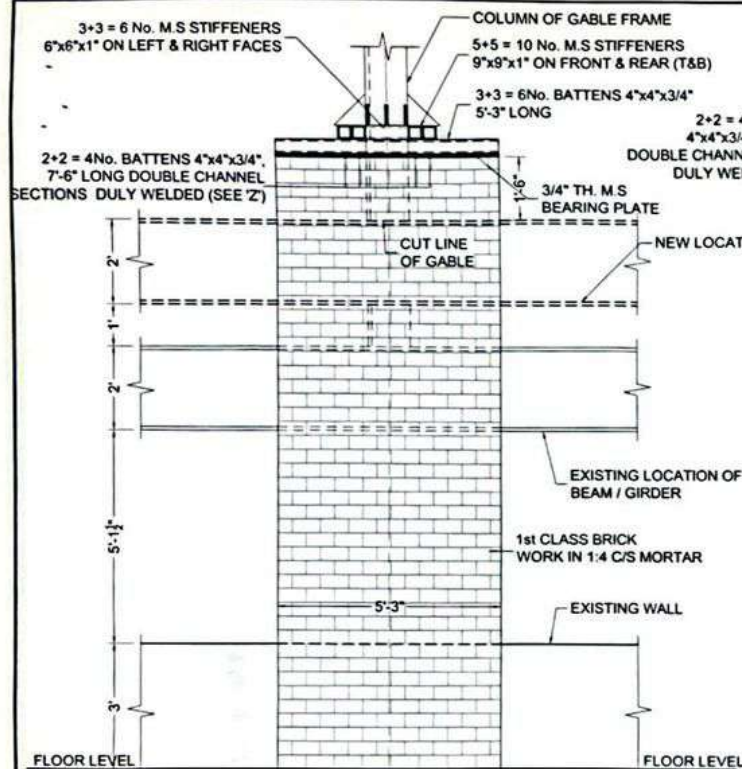


PLAN VIEW  
EXISTING ARRANGEMENT OF STEEL  
STRUCTURE

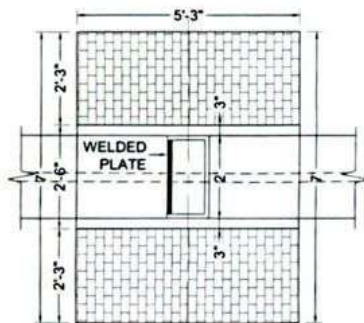


CLIENT: <b>CS</b>	CONSULTANT: <b>JJK</b> Javed Khalid & Associates 66 Victoria Park Block New Garden Town, Lahore Cell Phone: 0333-4880874	PROJECT: UPGRADATION OF SHED AT COATING PLANT UCH SHARIF	TITLE: FRONT ELEVATION AND PLAN VIEW OF SLOT EXISTING ARRANGEMENT	DESIGNED BY: Mr. JAVAID KHALID	SCALE: N.T.S
				CHECKED BY:	DATE: 07-08-2024
Rev. DATED DESCRIPTION				DRAWN BY: Mr. M. HAFEEZ	JKE-001-S-01

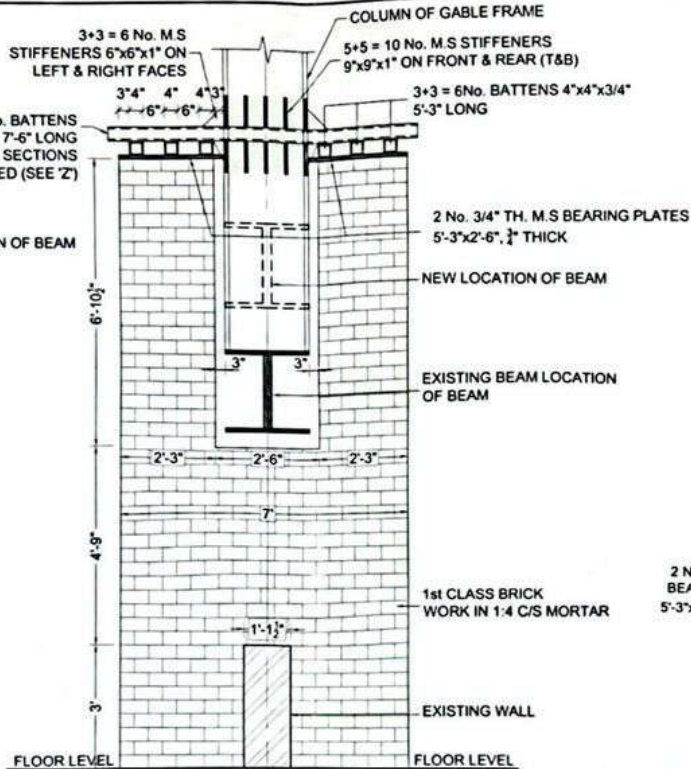




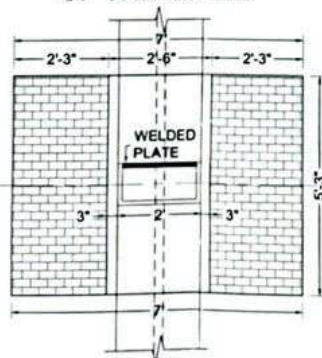
FRONT ELEVATION OF TEMPORARY SUPPORT FOR COLUMN OF THE GABLE



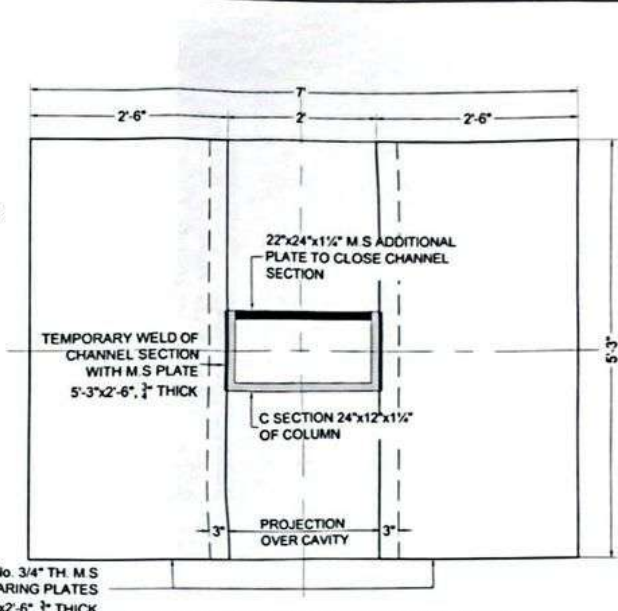
PLAN OF TEMPORARY SUPPORT FOR CENTRAL COLUMN OF THE GABLE



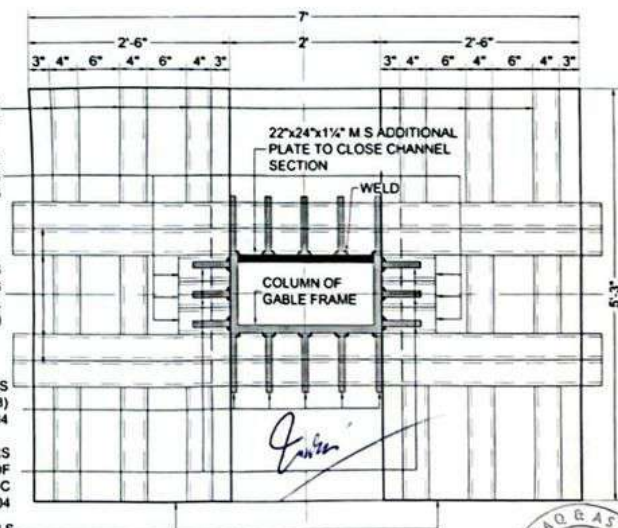
SIDE ELEVATION OF TEMPORARY SUPPORT FOR CENTRAL COLUMN OF THE GABLE



PLAN OF TEMPORARY SUPPORT FOR COLUMN OF THE GABLE



PLAN OF BEARING PLATES AND ADDITIONAL PLATE TO CLOSE C-SEC.



ARRANGEMENT PLAN OF BATTENS AND M.S STIFFENERS

CLIENT:	CONSULTANT:	PROJECT: UPGRADATION OF SHED AT COATING PLANT UCH SHARIF	TITLE: ARRANGEMENT OF INTERNAL TEMPORARY SUPPORT FOR COLUMN OF THE GABLE	DESIGNED BY: Mr. JAVID KHALID	SCALE: N.T.S
	Javed Khalid & Associates 60 A, Atta Turk Block, New Garden Town, Lahore Cell Phone: 9333-4880874			CHECKED BY:	DATE: 07-08-2024
				DRAWN BY: Mr. M.HAFEEZ	JKE-001-S-03
				Rev. DATED DESCRIPTION	

