

TENDER NOTICE

Work for the Installation, Testing and Commissioning of Rising Main 6” HDPE Pipes to Connect the 03-Tube Wells with Main Water Tank and the supply, installation and testing and commissioning of auxiliary Equipment.

Tender #GIK/PD/Works/ 001/02/10/2023

**GIK INSTITUTE OF ENGINEERING SCIENCES &
TECHNOLOGY, TOPI, SWABI.**



**BIDDING DOCUMENTS FOR ‘for
Installation, Testing, and
Commission of HDPE Pipe’ (Rising
Main)**

Director (Engineering Projects)

GIK Institute, Topi, Swabi (KP)

Phone# 0938-281026 Ext. 2747,

Email: director.engineeringprojects@giki.edu.pk

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The Ghulam Ishaq Khan (GIK) Institute of Engineering Science and Technology invites proposals technical and financial under single stage one envelopes procedure from a reputable and authorized firm having registered with tax authorities for the installation, Testing and Commissioning of HDPE Pipes and connecting with the Main Overhead Water Tank. The firm should indicate; Name of organization, registered address – Tel – fax, NTN Number, Registration number with PEC in relevant category, list of qualified staff with experience on similar projects, list of similar projects carried out in the past.

Processing fee of Rs 2,000/- (Non refundable) cash shall be submitted with the proposal. The Financial bid must be accompanied by bid security @ 2% of the bid in the form of CDR/Pay Order/ demand draft in the favor of GIK Institute.

The ‘Financial Proposal’ and ‘Technical Proposal’ Envelopes **MUST BE COMPLETELY SEPARATE** and each of them must be submitted sealed individually and clearly marked on the outside as either ‘Financial Proposal’ or ‘Technical Proposal’, as appropriate.

The sealed bids must be submitted on or before 07 Nov 2023 at 1100 hrs on below address. The bids will be opened at 1130hrs on the same date in the presence of the bidder and or their authorized representative.

The GIK Institute reserves the right to reject any or all bids, to waive technical or legal deficiencies, and to accept any bid that it may deem to be in the best interest of the Institute.

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Section 1: Introduction and Background

1.1 Introduction

The Ghulam Ishaq Khan Institute of Engineering Science and Technology, Topi, Swabi extend a warm welcome to all potential bidders interested in participating in the tender for the Work for the Installation, Testing and Commissioning of Rising Main 6” HDPE Pipes to Connect the 03-Tube Wells with Main Water Tank and the supply, installation and testing and commissioning of auxiliary Equipment on the water distribution network. This document outlines the requirements, guidelines, and procedures for submitting proposals to undertake the project.

1.2 Background

The existing GI pipes are obsolete, and we're switching to more efficient and cost-effective HDPE pipes. This project requires careful planning, expertise, and safety adherence. The scope of work also involves removing the old GI pipes. Review the tender document for details and follow the guidelines for bidding.

Section 2: Scope of Work

2.1 Project Overview

This project involves installing, testing, commissioning, and supplying auxiliary units as detailed in the BoQ/Scope of Works at the new site. It's crucial for the uninterrupted water supply and smooth integration into the new site's infrastructure. We require experienced contractors with a proven track record in similar tasks for successful execution.

2.2 Scope of Work

The scope of work encompasses a comprehensive set of tasks that include, but are not limited to:

i. Dismantling and Disconnecting:

Careful excavation, disconnection, and recovery of old GI pipes at their current locations are essential. Mechanical connections to the rising main and tube wells must be made with utmost care to prioritize safety and prevent damage.

ii. Transportation:

Safely transporting all equipment from its current location to the designated site requires careful handling, secure packaging, and strict adherence to transportation regulations

iii. Reinstallation and Reconnection:

Expertly reinstalling and reconnecting the HDPE pipes in compliance with manufacturer specifications and industry best practices.

iv. Commissioning:

Conducting rigorous testing and commissioning for seamless integration into the new environment.

v. Site Restoration:

Ensuring that both the previous and new sites are left in proper condition, adhering to environmental and safety standards.

vi. Documentation:

Providing comprehensive documentation of the entire replacement process, including dismantling and installation procedures, as-built drawings, and relevant certifications.

Section 3: Tender Instructions

3.1 Eligibility Criteria

All interested and qualified bidders are invited to participate in this tender process. To ensure a fair and competitive bidding process, bidders are required to meet the following eligibility criteria:

i. Experience and Expertise:

Bidders should have prior experience in successfully executing similar projects of comparable size and complexity. Relevant references or project portfolios must be provided.

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ii. Technical Competence:

Bidders must possess technical expertise and a skilled workforce capable of handling all aspects of the replacement project.

iii. Legal and Financial Standing:

Bidders should be legally registered entities with a solid financial track record. Submission of financial statements and legal documentation may be required.

3.2 Tender Submission

Bidders are required to submit their proposals in accordance with the following guidelines:

i. Proposal Format:

Bidders should submit two separate envelopes clearly marked as "Technical Proposal" and "Financial Proposal."

Each envelope must contain the bidder's name, address, and contact details.

ii. Submission Address:

Proposals should be submitted in person or by registered mail to the Office of Director (Works) GIK Institute.

iii. Submission Deadline:

Proposals must be received no later than 07 Nov 2023 at 11:00 hrs. Late submissions will not be considered.

3.3 Site Visit

Bidders are encouraged to conduct a site visit. The site visit is scheduled from today till 03 Nov 2023. Bidders should notify the designated contact person at least [Specify Notice Period] in advance to confirm their attendance.

Section 4: Evaluation Criteria

4.1 Technical Evaluation

The technical proposals submitted by bidders will be evaluated based on the following criteria:

i. Experience and Past Performance:

Demonstrated experience in executing similar projects, including the successful completion of projects of comparable size and complexity.

References from previous clients or organizations for whom similar projects were undertaken.

ii. Methodology and Approach:

Clear and detailed description of the proposed methodology for dismantling, transporting, reinstalling, and commissioning of the project.

Discussion of the approach to handling technical challenges and ensuring the safety and integrity of the water supply setup throughout the process.

iii. Project Team and Expertise:

Qualifications and expertise of key personnel who will be directly involved in the project, including project managers, engineers, and technicians.

Relevant certifications and training related to tasks.

iv. Technical Resources:

Availability and suitability of specialized equipment, tools, and vehicles required for the project, including transport vehicles, lifting equipment, and safety gear.

v. Compliance with Regulations:

Adherence to relevant industry standards, safety regulations, and environmental guidelines during all phases of the project.

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vi. Risk Assessment and Mitigation:

Identification of potential risks associated with the replacement process and a well-defined plan for mitigating these risks to ensure project success.

vii. Timeline and Project Schedule:

Realistic timeline for completing each phase of the project, including dismantling, transportation, reinstallation, and commissioning.
Ability to meet critical project milestones and deadlines.

viii. Health and Safety Measures:

Comprehensive health and safety plan outlining protocols to ensure the well-being of the project team, site personnel, and the public.

ix. Quality Control and Testing:

Description of quality control measures to ensure that the work is done and commissioned to manufacturer specifications.
Plan for conducting performance tests and ensuring optimal functionality.

x. Documentation:

Proposed documentation and reporting procedures, including regular progress reports, as-built drawings, and comprehensive project documentation.

4.2 Financial Evaluation

The financial proposals submitted by bidders will be evaluated based on the following criteria:

i. Cost Proposal:

Clarity and accuracy of the cost breakdown for each phase of the project, including supply, dismantling, transportation, reinstallation, testing and commissioning.
Appropriateness of the proposed pricing in relation to the scope of work and technical requirements.

ii. Cost Transparency:

Transparency of the pricing structure, including itemized costs for Labor, equipment, materials, permits, and any other relevant expenses.
Absence of hidden costs or ambiguous charges.

iii. Value for Money:

Assessment of the overall value offered by the bidder in terms of cost-effectiveness, quality, and adherence to the project's technical specifications.

iv. Payment Terms:

Suitability of the proposed payment schedule, considering factors such as project milestones, deliverables, and completion stages.

v. Financial Stability:

Assessment of the bidder's financial stability and capacity to manage the project without encountering financial constraints that could potentially lead to project delays or disruptions.

vi. Comparison with Market Rates:

Comparison of the proposed costs with prevailing market rates for similar projects, ensuring competitiveness while maintaining quality.

vii. Additional Costs:

Identification and explanation of any additional costs that might arise during the project's execution and how they will be managed.

viii. Contractual Terms:

Alignment of proposed financial terms with the contract's terms and conditions, ensuring consistency and clarity.

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ix. Profitability and Feasibility:

Evaluation of the bidder's ability to maintain a reasonable profit margin while ensuring the feasibility of the project's execution.

x. Financial Certifications:

Submission of relevant financial statements, certifications, or documents as required to demonstrate the bidder's financial capacity.

Section 5: Terms and Conditions

5.1 Contractual Terms

i. Contract Award:

The contract will be awarded to the bidder whose proposal is deemed to be the most technically sound and financially competitive, meeting all the specified criteria.

ii. Contract Duration:

The contract duration will be specified in the final agreement, taking into consideration the project's scope and complexity.

iii. Variations:

Any variations to the scope of work must be agreed upon in writing by both parties and signed as an addendum to the contract.

iv. Contract Termination:

Either party reserves the right to terminate the contract in the event of substantial breaches of the agreement or unforeseen circumstances beyond the control of either party.

5.2 Insurance and Liability

i. Insurance:

The successful bidder shall provide and maintain appropriate insurance coverage for the duration of the project, including liability insurance, worker's compensation insurance, and any other necessary coverage.

ii. Indemnification:

The bidder shall indemnify and hold GIK Institute harmless from any claims, losses, damages, or liabilities arising from the execution of the project.

5.3 Payment Terms

i. Payment Schedule:

Payment shall be made according to the schedule outlined in the contract, tied to project milestones and deliverables.

ii. Invoicing:

Invoices submitted by the bidder must adhere to the requirements stipulated in the contract, including detailed breakdowns of costs.

iii. Currency and Taxes:

All payments shall be made in the currency specified in the contract. The bidder is responsible for any applicable taxes.

5.4 Confidentiality

i. Confidentiality of Information:

Both parties shall maintain the confidentiality of all information obtained during the project and shall not disclose such information to any third parties without prior written consent.

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5.5 Dispute Resolution

i. Mediation and Arbitration:

Any disputes arising from the contract shall be resolved through mediation or arbitration as specified in the contract.

Section 6: Submission Requirements

6.1 Technical Proposal

Bidders are required to submit a comprehensive technical proposal containing the following documents:

i. Cover Letter:

A formal cover letter introducing the bidder, signed by an authorized representative.

ii. Company Profile:

Detailed information about the bidder's organization, including its history, areas of expertise, and relevant experience.

iii. Project Methodology:

A clear and detailed description of the proposed approach and methodology for the project, including a step-by-step outline of each phase.

iv. Project Timeline:

A realistic project schedule indicating key milestones, timelines for each phase, and proposed completion dates.

v. Project Team:

Resumes and qualifications of key personnel who will be involved in the project, highlighting their relevant experience.

vi. Technical Resources:

Details about specialized equipment, tools, and vehicles that will be used for the project.

vii. Health and Safety Plan:

A comprehensive health and safety plan outlining protocols to ensure the well-being of the project team, site personnel, and the public.

viii. Quality Control Plan:

Description of quality control measures to ensure proper installation and commissioning of the project.\

ix. Risk Assessment and Mitigation:

Identification of potential risks associated with the project and a plan for managing and mitigating these risks.

x. References:

References from previous clients or organizations for whom similar projects were undertaken.

6.2 Financial Proposal

Bidders are required to submit a detailed financial proposal containing the following documents:

i. Cost Breakdown:

Itemized breakdown of costs for each phase of the project, including Labor, equipment, materials, permits, and any other expenses.

ii. Payment Schedule:

Proposed payment schedule aligned with project milestones and deliverables.

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iii. Financial Statements:

Relevant financial statements, certifications, or documents to demonstrate the bidder's financial capacity.

iv. Contractual Terms:

Alignment of proposed financial terms with the terms and conditions as laid down in the bidding document.

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Annexure A

SPECIAL STIPULATIONS

The stipulations outlined hereunder in the form of a Table summarize certain terms and conditions which are set forth in the Instructions to bidders. General conditions of contract, special provisions and these stipulations form an integral part of the contract.

1.	Retention Money	The Retention money shall be deducted from Interim Payment Certificates (Running Bills) at the rate of 5% of verified amount of running bills/Interim payment made to contractors and will be paid back after completion of the defect liability/warranty period.
2.	Limit of Retention Money	5 % of Contract Price stated in the Letter of Acceptance.
3.	Time of signing of formal agreement with the successful bidder	Within 7 (Seven) days of the date of issue of Notice of Award.
4.	Time of submission of Performance Bank Guarantee/Insurance Guarantee.	Within 15 (Fifteen) days of the date of issue of Notice of Award.
5.	Amount of Performance Bank Guarantee/ Insurance Guarantee.	10% (Ten percent) of the contract price from a scheduled Bank/approved Insurance Company.
6.	Release of Performance Bank Guarantee/ Insurance Guarantee.	On issue of Defect Liability Certificate by the Client.
7.	Time of commencement of work.	Within 7 (Seven) days of employer's order to commence the work.
8.	Time of completion of works	Three (3) Calendar months from the order to commence the works.
9.	Amount of liquidated damages for Non-completion of the works within Stipulated time.	1% of the Contract Price for each day of delay in completion of the Works subject to a maximum of 10% of Contract Price stated in the Letter of Acceptance.
10.	Limit of liquidated damages.	10% (Ten percent) of the contract amount stated in Letter of Acceptance.
11.	Defect Liability Period	01 Year after issuance of Completion Certificate by the Client.
12.	Minimum amount of Interim Payment Certificates (Running Bills)	Payment shall be made on actual work done on site in three installments and bills will be submitted by the Contractor. Payment of bill will be released within 10 to 15 days of submission of verified Contractor's bill from the Client.
13.	Release of retention money.	50% on issuance of completion certificates & remaining 50% after issuance of maintenance Certificates on completion of Defect Liability period.
14.	Insurance of Works.	Full value of the works and temporary works executed from time to time plus full value of materials brought to the site by the Contractor.
15.	Insurance against injury to workman.	As per relevant laws.
16.	Approved Insurance Companies include	i. Adamjee Insurance Company ii. EFU General Insurance Company iii. New Jubilee Insurance Company
17.	Deduction of Income Tax	All payments shall be subject to deduction of income tax at source as per provisions of the Income Tax Ordinance, 2001 and rules framed there under
18.	Compliance of labor laws	The contractor shall be entirely responsible to comply with all labor laws as required (social security, EOBI, etc.)

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19.	Engineer's Authority to issue Variation in an Emergency with prior approval	2% of the Contract price.
20.	Penalty Clause	If the Contractor fails to perform the assigned tasks during the specified period as per contract, the Client reserves the right to blacklist him for future business with GIK and/or may impose a financial penalty as per following rates: 0.10% of the contract amount per day for 10 days 0.15% of the contract amount per day for 20 days 0.20% of the contract amount per day for 30 days 0.30% of the contract amount per day after one month.
21.	Escalation Clause	NO escalation shall be allowed.
22.	Mobilization Advance	No mobilization advance will be paid

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BoQ/ Scope of Work

S #	Description	Quantity	Unit	Unit/Rate	Cost Rs.
1	Excavation as in ordinary soil and back filling	13440	Cft		
2	Excavation in hard cut/ and back fill	11200	Cft		
3	Recovery of old GI Pipe	5700	Rft		
4	Providing and laying of PCC Concrete 1:4:8 with coarse aggregate and as specified.	1540	Cft		
5	Only the Installation, Testing and Commissioning of HDPE 100, PN-12.5 Dia 160mm, with heat fusion machine as per standard engineering practice. The pipes are available with GIK Institute	5700	Rft.		
6	The supply and installation of HDPE Stub End 160mm PLASCO/DADEX/ALPHA/Equ.	25	Nos.		
7	The supply, installation of HDPE 90° Elbow 160mm PLASCO/DADEX/ALPHA/Equ.	20	Nos.		
8	The supply, installation of HDPE 45° Elbow 160mm PLASCO/DADEX/ALPHA/Equ.	10	Nos		
9	The supply, installation of HDPE 90° Tee 160mm PLASCO/DADEX/ALPHA/Equ.	08	Nos.		
10	The supply, installation of MS Flange 160mm.	40	Nos.		
11	The supply, installation of MS Flange 100mm	08	Nos.		
12	The supply, installation of HDPE Stub End 125mm PLASCO/DADEX/ALPHA/Equ.	06	Nos.		
13	The supply, installation of MS Flange 125mm	06	Nos.		
14	The supply, installation of Reducer 160mmX125mm PLASCO/DADEX/ALPHA/Equ.	06	Nos.		
15	The supply, installation of HDPE Clamp Saddle 160mmX1” PLASCO/DADEX/ALPHA/Equ.	04	Nos.		
16	The supply, installation of Gate Valve 6” HE/Kitz	14	Nos.		
17	The supply, installation of Non-Return Valve 160mm HE/Kitz.	4	Nos.		
18	The supply, installation and testing and commissioning Air Release Valve 25mm HE/Kitz.	2	Nos.		
19	The supply, installation and testing and commissioning Ball Valve 25mm Kitz/HE.	3	Nos.		
20	The supply, installation of Pipe Nosel 25mmX6”	4	Nos.		
21	The supply, installation of Gas Kit 160mm	60	Nos.		
22	Supply and Installation of Nut Bolts 12mmX100mm	250	Nos.		
23	Construction of Manhole having size 4’ x 4’ x 4’	03	Nos.		
	Total				

The quantities as mentioned above are tentative and may vary on site. Payment shall be made on actual measurement.