

GOVERNMENT OF KHYBER PAKHTUNKHWA

IRRIGATION DEPARTMENT



BID SOLICITATION DOCUMENTS FOR

S#	Name of Work/Sub Works	E/Cost in (M)
1.	AM&R to Electrical and Mechanical Components of Zakhi & Wazir Garhi Lift Irrigation Schemes, i/c civil repair of its channels During 2025-26.	5.00
2.	AM&R to Irrigation works in KRC (Head Section) During 2025-26	10.00
3.	AM&R to Irrigation works in KRC (Tail Section) During 2025-26.	10.00
4.	AM&R to Irrigation works in Jue Sheikh Section i/c Minors (Head to Tail) During 2025-26.	20.00
5.	AM&R to Irrigation works in Bara Section Sangu and Sheikhan Branches.(Head to Tail) During 2025-26.	3.50
6.	Rehabilitation / Clearance of Civil Kathas off taking from Naguman, Shah Alam and Adezai River in Civil Canal Sub Division Peshawar.	15.00
7.	Rehabilitation / Clearance of Civil Kathas off taking from Jue Sheikh Canal in Jue Sheikh Section Civil Canal Sub Division Peshawar.	5.00
8.	Rehabilitation / Clearance of Civil Kathas off taking from Bara Section in Civil Canal Sub Division Peshawar.	4.00
9.	AM&R to Irrigation and Flood Control works in Drainage Sub Division. (Head Section) during 2025-26	10.00
10.	AM&R to Irrigation and Flood Control works in Drainage Sub Division. (Shabqadar Section) During 2025-26	10.00
11.	AM&R to Irrigation and Flood Control works in Drainage Sub Division. (Pabbi Section) During 2025-26.	12.00

NAME OF CONTRACTOR: _____

PESHAWAR CANALS DIVISION PESHAWAR.

May 2025

SUMMARYOF CONTENTS

Subject

- (I) INVITATION FOR BIDS
- (II) INSTRUCTIONS TO BIDDERS & BIDDING DATA
- (III) FORM OF BID & SCHEDULES TO BID
- (IV) CONDITIONS OF CONTRACT & CONTRACT DATA
- (V) STANDARD FORMS
- (VI) SPECIFICATIONS
- (VII) BOQs

**INVITATION
FOR
BIDS**

**KHYBER PAKHTUNKHWA PUBLIC
PROCUREMENT REGULATORY
AUTHORITYNOTIFICATION**

(Updated from Time to Time)



GOVERNMENT OF KHYBER PAKHTUNKHWA,
KHYBER PAKHTUNKHWA
PUBLIC PROCUREMENT REGULATORY AUTHORITY

Peshawar, the May 10, 2022 / 6058-71

NOTIFICATION

S.R.O. (14)/Vol: 1-24/2021-22: In exercise of the powers conferred under Section 35-A of the Khyber Pakhtunkhwa Public Procurement Regulatory Authority Act, 2012 (Khyber Pakhtunkhwa Act No. XI of 2012) the Authority has been pleased to issue the following regulation, namely: -

1. **Short title and commencement.-** (i) This regulation may be called the Khyber Pakhtunkhwa Public Procurement Regulation No. XIV 2022.
(ii) This shall come into force at once.
2. **Matters pertaining to Additional Security in case of abnormally low bids.-** This regulation relates to the matters pertaining to Additional Security submitted by the bidders in procurement of works.
 - i. The contractors quoting their bids up to a limit of 10% below Engineer estimate shall submit bid security @ 2% only of Engineer Estimate.
 - ii. The contractors quoting their bids more than 10% below upto 20% below on Engineers' Estimate shall submit along with their bids 8% Additional Security of Engineer's Estimated cost in addition to 2% bid security. If the bid is not accompanied with the required amount of additional security then it will be considered as non-responsive and the 2% bid security shall be forfeited in favour of Government and the second lowest bidder and so on will be considered accordingly.
 - iii. [Similarly, a contractor quoting bid more than 20% below shall submit with his bid an additional security on Engineer's Estimated cost equal to the differential amount of submitted bid and Engineers' Estimate along with detailed rate analysis]¹. In case of more than 20% below bids, if the bid is not accompanied by the detailed rate analysis and / or required amount of additional security, then the said bid shall be considered as non-responsive. All the securities submitted along with such non-responsive bid shall be forfeited in favour of Government and the 2nd lowest bidder and so on will be considered accordingly.
 - iv. In case detailed rate analysis submitted with the bids is, in view of the Procuring Entity, not convincing, the Head of the Procuring Entity may declare such bid as non-responsive without any forfeiture of bid securities and record reasons thereof.
 - v. The procuring entity may offer the contract to next lowest bidder after due diligence in the context of financial difference between such two bids or may advertise procurement opportunity afresh.

¹ Differential amount: If a contractor quote, e.g. 25% below engineer estimate bid then he has to deposit along with his bid 2% bid security and 25% additional security of engineer estimate.

- vi. After commencements of work by the successful bidder, the procuring entity may replace the Additional Security with a bank guarantee of the same amount from the scheduled bank; if the already deposited security is not in the form of bank guarantee.
- vii. The Additional Security shall be released to the contractor in four installments i.e. 1st installment of 25% to be released upon completion of 25% of the project, 2nd installment of 25% to be released upon completion of 50% of the project, 3rd installment of 25% to be released upon completion of 75% of the project and the 4th installment of 25% to be released after 100% completion of the project.
- viii. All previous orders, instructions and regulations issued regarding additional security shall stand superseded.

-SD-
Managing Director
KPPRA

ENDST: No. As above:

Peshawar, the May 10, 2022

Copy forwarded to:-

1. The Additional Chief Secretary (P&D) Department, Govt. of Khyber Pakhtunkhwa.
2. The Administrative Secretaries (C&W, Irrigation, Public Health Engineering and Local Government, Elections & Rural Development Department) Khyber Pakhtunkhwa with request to circulate the same to their downstream formations for compliance.
3. The Principal Secretary to Governor, Khyber Pakhtunkhwa.
4. The Principal Secretary to Chief Minister, Khyber Pakhtunkhwa.
5. The Inspector General of Police, Khyber Pakhtunkhwa.
6. The Secretary Provincial Assembly, Khyber Pakhtunkhwa.
7. The Accountant General, Khyber Pakhtunkhwa.
8. The Registrar, Peshawar High Court, Peshawar.
9. All Commissioners and Deputy Commissioners in Khyber Pakhtunkhwa.
10. PSO to Chief Secretary, Govt. of Khyber Pakhtunkhwa.
11. All Heads of Autonomous/Semi-Autonomous Bodies in Khyber Pakhtunkhwa.
12. Director, Treasuries & Accounts with request to circulate the same to all DAOs & Treasuries Officers in Khyber Pakhtunkhwa.
13. The Section Officer (Admn), Finance Department, Govt. of Khyber Pakhtunkhwa with respect to his office letter No. SO(A)/FD/1-40/2022, dated 22.04.2022.
14. Manager, Stationery and Printing Press Khyber Pakhtunkhwa, for printing in the official gazette.


SANA ULLAH
Assistant Director (M&E), KPPRA

**INSTRUCTIONS
TO BIDDERS
&
BIDDING DATA**

INSTRUCTIONS TO BIDDERS

<i>Clause No.</i>	<i>Description</i>
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A. GENERAL

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| IB.1 | Scope of Bid & Source of Funds |
| IB.2 | Eligible Bidders |
| IB.3 | Cost of Bidding |

B. BIDDING DOCUMENTS

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| IB.4 | Contents of Bidding Documents |
| IB.5 | Clarification of Bidding Documents |
| IB.6 | Amendment of Bidding Documents |

C- PREPARATION OF BID

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| IB.7 | Language of Bid |
| IB.8 | Documents Comprising the Bid |
| IB.9 | Sufficiency of Bid |
| IB.10 | Bid Prices, Currency of Bid & Payment |
| IB.11 | Documents Establishing Bidder's Eligibility and Qualifications |
| IB.12 | Documents Establishing Works Conformity to Bidding Documents |
| IB.13 | Bidding Security |
| IB.14 | Validity of Bids |

D-SUBMISSION OF BID

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| IB.15 | Submission of bid, Deadline for Submission, Modification & Withdrawal of Bids. |
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E. BID OPENING AND EVALUATION

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F. AWARD OF CONTRACT

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| IB.19 | Award Criteria & Procuring Entity's Right |
| IB.20 | Notification of Award & Signing of Contract Agreement |
| IB.21 | Performance Security |
| IB.22 | Integrity Pact |

INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

As per title page

1.2 Source of Funds

AM&R/Provincial Government

IB.2 Eligible Bidders

2.1 Bidding is open to all firms and persons meeting the following requirements:

- a) Duly valid licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of Work & having Specialization Code (mentioned as per NIT/BSD)
- b) Duly enlisted with the Provincial Government (Works Deptt:)
- c) NTN Registration with up to date online/ active status
- d) Valid Registration with Khyber Pakhtunkhwa Revenue Authority
- e) Non-refundable bidding entry fee @0.03% of tender cost in Shape of Call Deposit separately may be furnished (in original) to this office in the name of Executive Engineer, Peshawar Canals Division, Peshawar, in case of non-compliance the contractor will be considered as non-responsive.

IB.3 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its bid including the Bid Securities and Additional Security (If applicable) and the Procuring Entity will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. BIDDING DOCUMENTS

IB.4 Contents of Bidding Documents

- 4.1 In addition to Invitation for Bid, the Bidding Documents are those stated below, and should be read in conjunction with any Addendum issued in accordance with Sub-Clause IB.6.1.
1. Instructions to Bidders & Bidding Data
 2. Form of Bid & Schedules to Bid (**if applicable**)
 - (i) Schedule A: Schedule of Prices
 - (ii) Schedule B: Specific Works Data
 - (iii) Schedule C: Works to be Performed by Subcontractors
 - (iv) Schedule D: Proposed Program of Works
 - (v) Schedule E: Method of Performing Works
 - (vi) Schedule F: Integrity Pact
 3. Conditions of Contract & Contract Data
 4. Standard Forms:
 - (i) Form of Bid Security
 - (ii) Form of Performance Security. (N/A)
 - (iii) Form of Bank Guarantee for Advance Payment. (N/A)
 5. Specifications (As per Bid Solicitation Documents / NIT)
 6. Drawings, if any (As per Bid Solicitation Documents/ NIT)

IB.5 Clarification of Bidding Documents

- 5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Procuring Officer / Engineer/Procuring Entity in writing at the Procuring Entity's address indicated in the Bidding Data.
- 5.2 The Procuring Officer / Engineer/Procuring Entity will respond to any request for clarification which it receives earlier than seven (7) days prior to the deadline for the submission of Bids in the pre bid meeting at least five (05) days prior to closing date of submission of Bids as per NIT / BSD. Any amendment / modification if required shall be intimated to the Bidders through the website of Irrigation Department Khyber Pakhtunkhwa and / or KPPRA website as per KPPRA rules 2014.

IB.6 Amendment of Bidding Documents

- 6.1 At any time prior to the deadline for submission of Bids, the Procuring Entity may, for any reason, whether at his own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding Documents by issuing addendum.
- 6.2 Any addendum thus issued shall be part of the Bidding Documents pursuant to Sub-Clause 6.1 hereof and shall be communicated properly in accordance with IB5.2
- 6.3 To afford prospective bidders reasonable time in which to take an addendum into account in preparing their Bids, the Procuring Entity may at its discretion extend the deadline for submission of Bids.

C. PREPARATION OF BIDS

IB.7 Language of Bid

- 7.1 The bid prepared by the bidder and all correspondence and documents relating to the Bid, exchanged by the bidder and the Procuring Entity / Procuring Officer shall be written in the English language, provided that any printed literature furnished by the bidder may be written in another language so long as accompanied by an English translation of its pertinent passages in which case, for purposes of interpretation of the Bid, the English translation shall govern.

IB.8 Documents Comprising the Bid

8.1 The bid prepared by the bidder may comprise the following components:

- (a) Covering letter alongwith Single sealed envelope bearing address on the front & back of the envelope of the Procuring Entity and the bidder respectively.
- (b) In the sealed envelope Bidder has to submit Bid Solicitation Document as uploaded and subsequently downloaded by respective bidder on www.irrigation.gkp.pk and / or www.kppra.gov.pk
- (c) Bid Security furnished in accordance with KPPRA Notification No. S.R.O. (14)/Vol: 1-24/2021-22: Dated Peshawar, the 10th May 2022 /6058-71 as clarified in the NIT/BSD.
- (d) Documentary evidence in accordance with Clause IB.2 & IB.11.

IB.9 Sufficiency of Bid

- 9.1 Each bidder shall satisfy himself before bidding as to the correctness and sufficiency of his bid and of the rates and prices entered in the e-bidding system which rates and prices shall except in so far as it is otherwise expressly provided in the contract, cover all his obligations under the contract and all matters and things necessary for the proper completion of the work.
- 9.2 The bidder is advised to obtain for himself at his own cost and responsibility all information that may be necessary for preparing the bid and entering into a contract for execution of the works.

IB.10 Bid Prices, Currency of Bid and Payment

- 10.1 The bidder shall fill up the financial bid through online e-bidding system.
- 10.2 Even if stipulated in the Conditions of Contract, prices/premiums quoted by the bidder shall remain fixed during the bidder's performance of the contract and not subject to variation on any account.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

- 11.1 Pursuant to Clause IB.2 & IB.8, the bidder shall furnish, as part of its bid, documents establishing the bidder's eligibility to bid and its qualifications to perform the contract if its bid is accepted.
- 11.2 Bidder/Manufacturer must possess and provide evidence of its capability and the experience as stipulated in NIT/ BSDs.

IB.12 Documents Establishing Works' Conformity to Bidding Documents

- 12.1 The documentary evidence of the works' conformity to the Bidding Documents may be in the form of literature, drawings and data and the bidder shall furnish documentation as set out in Bidding Data.
- 12.2 The bidder shall note that standards for workmanship, material and equipment and references to brand names or catalogue numbers if any, designated by the Procuring Entity/ Procuring Officer in the Technical Provisions are intended to be descriptive only and not restrictive if applicable as per NIT / BSD.

IB.13 Bid Security

- 13.1 Each bidder shall furnish, as part of his bid, a Bid Security in accordance with the *KPPRA Notification No. S.R.O. (14)/Vol: 1-24/2021-22: Dated Peshawar, the 10th May 2022* (/6058-71 as per NIT / BSD).
- 13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Procuring Entity as non-responsive as per KPPRA Notification IB.13.1.
- 13.3 The bid securities of unsuccessful bidders will be returned as promptly as possible after evaluation process and bid securities of top three lowest evaluated responsive bidders will be retained till award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier. (As per BSD/NIT)
- 13.4 The bid security of successful bidder shall be retained with the Procuring Entity till completion of the defect liability period and the amount of guarantee (if any) will be reduced by an equivalent amount.
- 13.5 The Bid Security may be forfeited:

- (a) if a bidder withdraws his bid during the period of bid validity; or
- (b) in the case of a successful bidder, if he fails to:
 - (i) furnish the required Performance Security in accordance with Clause IB.21, or
 - (ii) Sign the Contract Agreement, in accordance with Sub-Clauses IB.20.2 & 20.3.
 - (iii) As per KPPRA Notification No. S.R.O. (14)/Vol: 1-24/2021-22: Dated Peshawar, the 10th May 2022 /6058-71.

IB.14 Validity of Bids

- 14.1 Bids shall remain valid for the period stipulated in the Bidding Data after the date of bid opening.

D. SUBMISSION OF BID

IB.15 Submission of Bids (as per NIT), Deadline for Submission, Modification& Withdrawal of Bids

- 15.1 Bids must be received by the Procuring Entity at the address/provided in Bidding Data not later than the time and date stipulated therein. In the event of the specified date for the submission of bids declared a holiday for the Employer, the Bids will be received up to the appointed time on the next working day.
- 15.2 Sealed Bids envelope must be received by the Procuring Entity at the address: **Executive Engineer Peshawar Canals Division Peshawar**/provided in Bidding Data not later than the time and date stipulated therein & as per NIT / BSD. In the event of the specified date for the submission of bids is declared a holiday for the Procuring Entity the bids will be received up to the appointed time on the next working day.
- 15.3 Any bid received by the Procuring Entity after the deadline for submission prescribed in Bidding Data will be returned unopened to such bidder.
- 15.4 Any bidder may modify or withdraw his bid after bid submission provided that the modification or written notice of withdrawal is received by the Procuring Entity prior to the deadline for submission of bids.
- 15.5 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in the Form of Bid may result in forfeiture of the Bid Security pursuant to Sub-Clause IB.13.5 (a).

E. BID OPENING AND EVALUATION

IB.16 Bid Opening, Clarification and Evaluation

- 16.1 The Procuring Officer / Procuring Entity will open only financial bids from the e-Bidding system as per NIT/BSD in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data.
- 16.2 The Procuring Officer / Procuring Entity shall announce the e-Bidding Comparative Statement and shall record the minutes of the bid opening. Representatives of the bidders who choose to attend physically or virtually (if available) shall sign the attendance sheet while sealed bid envelop will be presented to the Procurement Committee so notified for detail evaluation & recommendations.

Any Bid Price or discount which is not read out and recorded at bid opening will not be taken into account / considered in the evaluation of bid.

- 16.3 To assist in the examination, evaluation, and comparison of bids the Engineer/ Procuring Officer / Procuring Entity may, at its discretion, asks the bidder for a clarification of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

- 16.4 Prior to the detailed evaluation, pursuant to Sub-Clauses IB.16.7 to 16.9, the procurement committee will determine the substantial responsiveness of each bid to the bidding documents. For purpose of these clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. It will include to determine the requirements listed in bidding data.

- 16.5 A bid determined as substantially non-responsive will be rejected and will not subsequently be made responsive by the bidder by correction of the non-conformity.

- 16.6 Any minor informality or non-conformity or irregularity in a bid which does not constitute a material deviation may be waived by Procuring Entity, provided such waiver does not prejudice or affect the relative ranking of any other bidders.

- 16.7 The Procuring Entity through notified procurement committee shall evaluate all the bids so submitted in line with the evaluation criteria set in the NIT / Bid Solicitation Document.

- 16.8 Evaluated Bid Price

In evaluating the bids, the procurement committee shall determine the lowest evaluated responsive bid as per evaluation criteria in line with the NIT / BSD and shall recommend the same to the Procuring Entity for final approval.

- 16.9 Evaluation Methods for prices adjustment (**Not applicable**).

Pursuant to Sub-Clause 16.8 following evaluation methods for price adjustments will be followed:

- (i) Price Adjustment for Technical Compliance

The cost of making good any deficiency resulting from technical noncompliance will be added to the corrected total bid price for comparison purposes only. The adjustments will be applied taking the highest price quoted by other bidders being evaluated in detail in their original bids for corresponding item. In case of non-availability of price from other bidders, the price will be estimated by the Engineer/Procuring Officer.

(ii) Price Adjustment for Commercial Compliance

The cost of making good any deficiency resulting from any quantifiable variations and deviations from the bid schedules and conditions of contract, as determined by the Engineer/Procuring officer will be added to the corrected total bid price for comparison purpose only. Adjustment for commercial compliance will be added to the corrected total bid prices.

(iii) Price Adjustment for deviation in terms of payments refer to bidding data.

IB.17 Process to be Confidential

- 17.1 Subject to Sub-Clause IB.16.3 heretofore, no bidder shall contact Procuring Officer / Engineer/Procuring Entity or Procurement Committee on any matter relating to its bid from the time of the bid opening to the time the bid evaluation result is announced by the Procuring Entity. The evaluation result may be announced at least ten (10) days prior to award of contract. The announcement to all bidders will be tentative e-bid comparative statement.
- 17.2 Any effort by a bidder to influence Procuring Officer / Engineer / Procuring Entity or Procurement Committee in the Bid evaluation, bid comparison or contract award decisions may result in the rejection of his bid. Whereas any bidder feeling aggrieved may lodge a written complaint not later than fifteen (15) days after the announcement of the bid evaluation result, however, mere fact of lodging a complaint shall not warrant suspension of procurement process.

F. AWARD OF CONTRACT

IB.18. Post Qualification (if applicable)

- 18.1 The Procuring Entity, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in supplier's or contractor's capacities, may require the suppliers or contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not:

Provided that such qualification shall only be laid down after recording reasons therefore in writing. They shall form part of the records of that bid evaluation report.

- 18.2 The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the documentary evidence of the bidders'

qualifications submitted under Clause IB.11, as well as such other information required in the Bidding Documents.

IB.19 Award Criteria & Procuring Entity's Right

- 19.1 Subject to Sub-Clause IB.19.2, the Procuring Entity will award the Contract to the bidder whose bid has been determined to be substantially responsive to the Bidding Documents and who has offered the lowest evaluated Bid Price, provided that such bidder has been determined to be qualified to satisfactorily perform the Contract in accordance with the provisions of Clause IB.18.
- 19.2 Notwithstanding Sub-Clause IB.19.1, the Procuring Entity reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract (acceptance of a bid or proposal rule 47(1), without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Procuring Entity's action except that the grounds for its rejection of all bids shall upon request be communicated, to any bidder who submitted a bid, without justification of the grounds. Notice of the rejection of all the bids shall be given promptly to all the bidders.

IB.20 Notification of Award & Signing of Contract Agreement

- 20.1 Prior to expiration of the period of bid validity prescribed by the Procuring Entity, the Procuring Entity will notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted.
- 20.2 Within fourteen (14) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Procuring Officer / Procuring Entity will send the successful bidder the Form of Contract Agreement provided in the Bidding Documents, incorporating all agreements between the parties.
- 20.3 The formal Agreement between the Procuring Officer / Procuring Entity and the successful bidder shall be executed within fourteen (14) days of the receipt of Form of Contract Agreement by the successful bidder from the Procuring Officer / Procuring Entity.

IB.21 Performance Security (As per KPPRA Rules 2014)

- 21.1 The successful bidder shall furnish to the Procuring Officer / Procuring Entity a Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of twenty-eight (28) days after the receipt of Letter of Acceptance.
- 21.2 Failure of the successful bidder to comply with the requirements of Sub-Clauses IB.20.2 & 20.3 or 21.1 or Clause IB.22 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security.

IB.22 Integrity Pact

The Bidder shall sign and stamp the Form of Integrity Pact provided at Schedule-F to Bid in the Bidding Document for all procurement contracts exceeding Rupees ten (10) million. Failure to provide such Integrity Pact shall make the bid non-responsive.

BIDDING DATA

Instructions to Bidders

Clause Reference

1.1 Name of Procuring Entity

Executive Engineer, Peshawar Canals Division, Peshawar(Procuring Officer)

Brief Description of Works
(As per NIT)

5.1 (a) Procuring Officer address:

Executive Engineer, Peshawar Canals Division, Peshawar, Irrigation
Department, Peshawar.

(b) Procuring Officer /Engineer's address:

Executive Engineer, Peshawar Canals Division, Peshawar.

Phone No. 091-9210102, Email:peshawarcanalsdivision@gmail.com

10.3 Bid shall be quoted entirely in Pak. Rupees (Above/Below) on applicable schedule and non-Schedule items. The payment shall be made in Pak. Rupees for work done on release of funds, subject to fulfillment of Codal Formalities, Technical Sanction, Agreement Sanction, complying of Material & Technical specifications.

11.2 The bidder has the financial, technical and production capability necessary to perform the Contract i.e. Registration with PEC in relevant category & financial limit as noted in NIT and Bid Solicitation Documents, Registration with KPRA, Enlistment with Works Department Khyber Pakhtunkhwa, has been issued E-bidding Login & Password.

12.1 (a) Essential technical specification as per document at the following link are required:

<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download> (Technical Specification on MRS 2024, Latest)

Essential Material specification as per document at the following link are required:

<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download> (Material Specification on MRS 2024, Latest)

(b) Complete set of tentative technical specifications as per Approved PC-I and T.S

13.1 Amount of Bid Security

2% of the Estimated Cost as per NIT / BSD in line with the
KPPRA Notification No. S.R.O. (14)/Vol: 1-24/2021-22/6058-71, Dated Peshawar, the
10th May 2022

14.1 Period of Bid Validity

120 Days

14.4 Number of Copies of the Bid to be submitted

One original

14.6 (a) Address for the Purpose of Bid Submission

Executive Engineer Peshawar Canals Division Peshawar Warsak Road Peshawar

15.1 Deadline for Submission of Bids

As per NIT

16.1 Venue, Time, and Date of Bid Opening

As per NIT

16.4 Responsiveness of Bids (as per requirement of NIT/BSD)

- (i) the Bid is valid till required period,
- (ii) the Bid prices are firm during currency of contract.
- (iii) completion period offered is within specified limits
- (iv) the Bidder is eligible to Bid and possesses the requisite experience, capability and qualification. (As per BSD and NIT)
- (v) the Bids are generally in order, etc.
- (vi) The Bidder shall submit the bids in sealed envelopes on or before the deadline (As per NIT/BSD).

16.9 Price Adjustment: (Not applicable)

FORM OF BID AND SCHEDULES TO BID

FORM OF BID

(LETTER OF OFFER)

Bid Reference No. _____
NIT No. _____
Date of Opening No. _____
Work No. as per NIT. _____

(Name of Works)

To,

Gentlemen,

1. Having examined the Bidding Documents including Instructions to Bidders, Bidding Data, Conditions of Contract, Contract Data, Specifications, Drawings, if any, Schedule of Prices and Addenda Nos.
_____ for the execution of the above-named Works, we, the undersigned, being a company doing business under the name of and address _____
_____ and being duly incorporated under the laws of Pakistan hereby offer to execute and complete such Works and remedy any defects therein in conformity with the said Documents including Addenda thereto for the Total Bid Price of Rs _____ (Rupees _____) or such other sum as may be ascertained in accordance with the said Documents.
2. We understand that all the Schedules attached hereto form part of this Bid.
3. As security for due performance of the undertakings and obligations of this Bid, we submit herewith a Bid Security in the amount of _____
_____ drawn in your favour or made payable to you and valid for a period of twenty-eight (28) days beyond the period of validity of Bid.
4. We undertake, if our Bid is accepted, to commence the Works and to deliver and complete the Works comprised in the Contract within the time(s) stated in Contract Data.
5. We agree to abide by this Bid for the period of _____ 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.
6. Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
7. We undertake, if our Bid is accepted, to execute the Performance Security referred to in Conditions of Contract for the due performance of the Contract &

as per KPPRA Notification No. S.R.O. (14)/Vol: 1-24/2021-22, Dated Peshawar, the 10th May 2022 /6058-71.

8. We understand that you are not bound to accept the lowest or any bid you may receive.
9. We do hereby declare that the Bid is made without any collusion, comparison of figures or arrangement with any other person or persons making a bid for the Works.

Dated this _____ day of _____, 20

Signature _____

in the capacity of _____ duly authorized to sign bid for and on behalf of

(Name of Bidder in Block Capitals)

(Seal)

Address

Witness:

(Signature) _____

Name: _____ NIC No. _____

Address: _____

SCHEDULES TO BID INCLUDE THE FOLLOWING:

- ☐ Schedule A to Bid: Schedule of Prices
- ☐ Schedule B to Bid: Specific Works Data
- ☐ Schedule C to Bid: Works to be Performed by Subcontractors
- ☐ Schedule D to Bid: Proposed Programme of Works
- ☐ Schedule E to Bid: Method of Performing Works
- ☐ Schedule F to Bid: Integrity Pact]

SCHEDULE OF PRICES

THE BOQ SHALL BE FILLED ONLINE ON IRRIGATION DEPARTMENT WEBSITE, THE PROCURING ENTITY SHALL NOT BE LIABLE FOR THE ERRORS/MALFUNCTIONS OF THE E-BIDDING SYSTEM, LOSS OR NON-PROVISION OF E-BIDDING SYSTEM LOGIN &PASSWORD <http://www.irrigation.gkp.pk> OR <http://www.irrigation.gkp.pk/tenders.php>

SCHEDULE - B TO BID

***SPECIFIC WORKS DATA**

THE CONTRACTOR SHALL FOLLOW MATERIAL SPECIFICATIONS AS PER:

<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download>

(Material Specification on MRS 2024 1st bi, Latest)

THE CONTRACTOR SHALL FOLLOW TECHNICAL SPECIFICATIONS AS PER:

<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download>

(Technical Specification on MRS 2024 1st bi, Latest)

FOR SCHEDULE ITEMS AND INDUSTRY STANDARDS SHALL BE
ADOPTED/FOLLOWED FOR NON-SCHEDULE ITEMS

SCHEDULE – C TO BID

WORKS TO BE PERFORMED BY SUBCONTRACTORS (IF APPLICABLE)

The bidder will do the work with his own forces except the work listed below which he intends to sub-contract.

Items of Works to be Sub-Contracted	Name and address of Sub-Contractors	Statement of similar works previously executed (attach evidence)
--	--	---

Note:

1. No change of Sub-Contractors shall be made by the bidder without prior approval of the Procuring Entity.
2. The truthfulness and accuracy of the statement as to the experience of Sub-Contractors is guaranteed by the bidder. The Procuring Entity's judgment shall be final as to the evaluation of the experience of Sub-Contractors submitted by the bidder.
3. Statement of similar works shall include description, location & value of works, year completed and name & address of the clients.

SCHEDULE – D TO BID

PROPOSED PROGRAM OF WORKS (IF REQUIRED BY PE/PO)

Bidder may provide a program in a bar-chart showing the sequence of work items by which he proposes to complete the Works of the entire Contract. The program should indicate the sequence of work items and the period of time during which he proposes to complete the Works including the activities like designing, schedule of submittal of drawings, ordering and procurement of materials, manufacturing, delivering, construction of civil works, erection, testing and commissioning of Works to be supplied under the Contract.

Signature: _____

Seal: _____

Dated: _____

SCHEDULE – E TO BID

METHOD OF PERFORMING WORKS

(IF REQUIRED BY THE PE/PO)

The bidder is required to submit a narrative outlining the method of performing the Works. The narrative should indicate in detail and include but not be limited to:

- ☐ The sequence and methods in which he proposes to carry out the Works, including the number of shifts per day and hours per shift, he expects to work.
- ☐ A list of all major items of constructional and erectional plant, tools and vehicles proposed to be used in delivering/carrying out the Works at Site
- ☐ The procedure for installation of equipment and transportation of equipment and materials to the site.
- ☐ Organization chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

SCHEDULE – F TO BID

(INTEGRITY PACT)

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAID BY THE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS. 10.00 MILLION OR MORE

Contract No. _____ Dated _____

Contract Value: _____

Contract Title: _____

..... [name of the Bidder] 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 Khyber Pakhtunkhwa or any administrative subdivision or agency thereof or any other entity owned or controlled by Government of Khyber Pakhtunkhwa through any corrupt business practice.

Without limiting the generality of the foregoing, [name of the Bidder] 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 Government of Khyber Pakhtunkhwa, except that which has been expressly declared pursuant hereto.

[name of the Bidder] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoKP and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

[name of the Bidder] 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 rights and remedies available to GoKP under any law, contract or other instrument, be voidable at the option of GoKP.

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

Name of the Procuring officer / Procuring Entity:Name of the Bidder:

Signature:

[Seal]

Signature:

[Seal]

CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

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CONDITIONS OF CONTRACT

1. GENERAL PROVISIONS

1.1 Definitions

In the Contract as defined below, the words and expressions defined shall have the following meanings assigned to them, except where the context requires otherwise:

The Contract

- 1.1.1 “Contract” means the Contract Agreement and the other documents listed in the Contract Data.
- 1.1.2 “Specifications” means the document as listed in the Contract Data, including Procuring Entity’s requirements in respect of design to be carried out by the Contractor (if any), and any Variation to such document.
- 1.1.3 “Drawings” means the Procuring Entity’s drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

- 1.1.4 “Procuring Entity” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Contractor) any assignee.
- 1.1.5 “Contractor” means the person named in the Contract Data and the legal successors in title to this person, but not (except with the consent of the Procuring Entity) any assignee.
- 1.1.6 “Party” means either the Procuring Entity or the Contractor.

Dates, Times and Periods

- 1.1.7 “Commencement Date” means the date fourteen (14) days after the date the Contract comes into effect or any other date named in the Contract Data.
- 1.1.8 “Day” means a calendar day
- 1.1.9 “Time for Completion” means the time for completing the Works as stated in the Contract Data (or as extended under Sub-Clause 7.3), calculated from the Commencement Date.

Money and Payments

- 1.1.10 “Cost” means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overheads and similar charges but does not include any allowance for profit.

Other Definitions

- 1.1.11 “Contractor’s Equipment” means all machinery, apparatus and other things required for the execution of the Works but does not include Materials or Plant intended to form part of the Works.
- 1.1.12 “Country” means the Islamic Republic of Pakistan.
- 1.1.13 “Province” means Khyber Pakhtunkhwa.
- 1.1.14 “Procuring Entity’s Risks” means those matters listed in Sub-Clause 6.1.
- 1.1.14 “Force Majeure” means an event or circumstance which makes performance of a Party’s obligations illegal or impracticable and which is beyond that Party’s reasonable control.
- 1.1.15 “Materials” means things of all kinds (other than Plant) to be supplied and incorporated in the Works by the Contractor.
- 1.1.16 “Plant” means the machinery and apparatus intended to form or forming part of the Works.
- 1.1.17 “Site” means the places provided by the Procuring Entity where the Works are to be executed, and any other places specified in the Contract as forming part of the Site.
- 1.1.18 “Variation” means a change which is instructed by the Engineer/Procuring Entity under Sub-Clause 10.1.
- 1.1.19 “Works” means any or all the works whether Supply, Installation, Construction etc. and design (if any) to be performed by the Contractor including temporary works and any variation thereof.
- 1.1.20 “Engineer” means the person, if any, notified by the Procuring Entity to act as Engineer for the purpose of the Contract and named as such in Contract Data.
- 1.1.21 “Procuring Officer” means the person, if any, notified by the procuring entity to act as procuring officer for the purpose of the contract and named as such in the contract data.

1.2 Interpretation

Words importing persons or parties shall include firms and organizations. Words importing singular or one gender shall include plural or the other gender where the context requires.

1.3 Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If an ambiguity or discrepancy is found in the documents, the priority of the documents shall be in accordance with the order as listed in the Contract Data.

1.4 Law

The law of the Contract is the relevant Law of Khyber Pakhtunkhwa Province,

1.5 Communications

All Communications related to the Contract shall be in English language.

1.6 Statutory Obligations

The Contractor shall comply with the Laws of Islamic Republic of Pakistan and shall give all notices and pay all fees and other charges in respect of the Works.

2. THE PROCURING ENTITY

2.1 Provision of Site

The Procuring Entity shall provide the Site and right of access thereto at the times stated in the Contract Data.

2.2 Permits etc.

The Procuring Entity shall, if requested by the Contractor, assist him in applying for permits, licenses or approvals which are required for the Works.

2.3 Engineer's/Procuring Entity's Instructions

The Contractor shall comply with all instructions given by the Procuring Entity or the Engineer, if notified by the Procuring Entity, in respect of the Works including the suspension of all or part of the Works.

2.4 Approvals

No approval or consent or absence of comment by the Engineer/Procuring Entity shall affect the Contractor's obligations.

3. ENGINEER'S/PROCURING ENTITY'S REPRESENTATIVES

3.1 Authorized Person

The Procuring Entity shall appoint a duly authorized person to act for him and on his behalf for the purposes of this Contract. Such authorized person shall be duly identified in the Contract Data or otherwise notified in writing to the Contractor as soon as he is so appointed. In either case the Procuring Entity shall notify the Contractor, in writing, the precise scope of the authority of such authorized person at the time of his appointment.

3.2 Engineer's/Procuring Entity's Representative

The name and address of Engineer's/Procuring Entity's Representative is given in Contract Data. However, the Contractor shall be notified by the Engineer/Procuring Entity, the delegated duties and authority before the Commencement of Works.

4. THE CONTRACTOR

4.1 General Obligations

The Contractor shall carry out the Works properly and in accordance with the Contract. The Contractor shall provide all supervision, labour, Materials, Plant and Contractor's Equipment which may be required.

4.2 Contractor's Representative

The Contractor shall appoint a representative at site on full time basis to supervise the execution of work and to receive instructions on behalf of the Contractor but only after obtaining the consent of the Procuring Entity for such appointment which consent shall not be unreasonable withheld by the Procuring Entity. Such authorized representative may be substituted/replaced by the Contractor at any time during the Contract Period but only after obtaining the consent of the Procuring Entity as aforesaid.

4.3 Subcontracting

The Contractor shall not subcontract the whole of the Works. The Contractor shall not subcontract any part of the Works without the consent of the Procuring Entity.

4.4 Performance Security (KPPRA Rules 2014 shall be Applicable)

The Contractor shall furnish to the Procuring Entity within fourteen (14) days after receipt of Letter of Acceptance a Performance Security at the option of the bidder, in the form of Bank Draft or Bank Guarantee for the amount and validity specified in Contract Data, in case the contract value is equal to or exceeds Rs.20.00 million. No Performance Security will be needed for contracts values less than Rs.20.00 million.

5. DESIGN BY CONTRACTOR

5.1 Contractor's Design

The Contractor shall carry out design to the extent specified, as referred to in the Contract Data. The Contractor shall promptly submit to the Engineer/Procuring Entity all designs prepared by him. Within fourteen (14) days of receipt the Engineer/Procuring Entity shall notify any comments or, if the design submitted is not in accordance with the Contract, shall reject it stating the reasons. The Contractor shall not construct any element of the Works designed by him within fourteen (14) days after the design has been submitted to the Engineer/Procuring Entity or which has been rejected. Design that has been rejected shall be promptly amended and resubmitted. The Contractor shall resubmit all designs commented on taking these comments into account as necessary.

5.2 Responsibility for Design

The Contractor shall remain responsible for his bided design and the design under this Clause, both of which shall be fit for the intended purposes defined in the Contract and he shall also remain responsible for any infringement of any patent or copyright in respect of the same. The Engineer/Procuring Entity shall be responsible for the Specifications and Drawings.

6. PROCURING ENTITY'S RISKS

6.1 The Procuring Entity's Risks

The Procuring Entity's Risks are:-

- a) war, hostilities (whether war be declared or not), invasion, act of foreign enemies, within the Country;
- b) rebellion, terrorism, revolution, insurrection, military or usurped power, or civil war, within the Country;
- c) riot, commotion or disorder by persons other than the Contractor's personnel and other employees including the personnel and employees of Sub-Contractors, affecting the Site and/or the Works;
- d) Ionizing radiations, or contamination by radioactivity from any nuclear fuel, or from any nuclear waste from the combustion of nuclear fuel, radio-active toxic explosive, or other hazardous properties of any explosive nuclear assembly or nuclear component of such an assembly, except to the extent to which the Contractor/Sub-Contractors may be responsible for the use of any radio-active material;
- e) Pressure waves caused by aircraft or other aerial devices travelling at sonic or supersonic speeds;
- f) use or occupation by the Procuring Entity of any part of the Works, except as may be specified in the Contract;

- g) late handing over of sites, anomalies in drawings, late delivery of designs and drawings of any part of the Works by the Procuring Entity's personnel or by others for whom the Procuring Entity is responsible;
- h) a suspension under Sub-Clause 2.3 unless it is attributable to the Contractor's failure; and
- i) physical obstructions or physical conditions other than climatic conditions, encountered on the Site during the performance of the Works, for which the Contractor immediately notified to the Procuring Entity and accepted by the Procuring Entity.

7. TIME FOR COMPLETION

7.1 Execution of the Works

The Contractor shall commence the Works on the Commencement Date and shall proceed expeditiously and without delay and shall complete the Works, subject to Sub-Clause 7.3 below, within the Time for Completion.

7.2 Program

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Procuring Entity a program for the Works in the form stated in the Contract Data.

7.3 Extension of Time

The Contractor shall, within such time as may be reasonable under the circumstances, notify the Procuring Entity/Engineer of any event(s) falling within the scope of Sub-Clause 6.1 or 10.3 of these Conditions of Contract and request the Procuring Entity/Engineer for a reasonable extension in the time for the completion of Works. Subject to the aforesaid, the Procuring Entity/Engineer shall determine such reasonable extension in the time for the completion of Works as may be justified in the light of the details/particulars supplied by the Contractor in connection with such determination by the Procuring Entity/Engineer within such period as may be prescribed by the Procuring Entity/Engineer for the same; and the Procuring Entity shall extend the Time for Completion as determined.

7.4 Late Completion

If the Contractor fails to complete the Works within the Time for Completion, the Contractor's only liability to the Procuring Entity for such failure shall be to pay the amount stated in the Contract Data for each day for which he fails to complete the Works.

8. TAKING-OVER

8.1 Completion

The Contractor may notify the Engineer/Procuring Entity when he considers that the Works are complete.

8.2 Taking-Over Notice

Within fourteen (14) days of the receipt of the said notice of completion from the Contractor the Procuring Entity/Engineer shall either takeover the completed Works and issue a Certificate of Completion to that effect or shall notify the Contractor his reasons for not taking-over the Works. While issuing the Certificate of Completion as aforesaid, the Procuring Entity/Engineer may identify any outstanding items of work which the Contractor shall undertake during the Maintenance Period.

9. REMEDYING DEFECTS

9.1 Remedying Defects

The Contractor shall for a period of 120 days from the date of issue of the Certificate of Completion carry out, at no cost to the Procuring Entity, repair and rectification work which is necessitated by the earlier execution of poor quality of work or use of below specifications material in the execution of Works and which is so identified by the Procuring Entity/Engineer in writing within the said period. Upon expiry of the said period, and subject to the Contractor's faithfully performing his aforesaid obligations, the Procuring Entity/Engineer shall issue a Maintenance Certificate whereupon all obligations of the Contractor under this Contract shall come to an end.

Failure to remedy any such defects or complete outstanding work within a reasonable time shall entitle the Procuring Entity to carry out all necessary works at the Contractor's cost. However, the cost of remedying defects not attributable to the Contractor shall be valued as a Variation.

9.2 Uncovering and Testing

The Engineer/Procuring Entity may give instruction as to the uncovering and/or testing of any work. Unless as a result of an uncovering and/or testing it is established that the Contractor's design, Materials, Plant or workmanship are not in accordance with the Contract, the Contractor shall be paid for such uncovering and/or testing as a Variation in accordance with Sub-Clause 10.2.

10. VARIATIONS AND CLAIMS

10.1 **Right to Vary**

The Procuring Entity/Engineer may issue Variation Order(s) in writing. where for any reason it has not been possible for the Procuring Entity/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Procuring Entity/Engineer in writing and if the same are not refuted/denied by the Procuring Entity/Engineer within seven (7) days of the receipt of such confirmation the same shall be deemed to be a Variation Orders for the purposes of this Sub-Clause.

10.2 **Valuation of Variations**

Variations shall be valued as follows:

- a) at a lump sum price agreed between the Parties, or
- b) where appropriate, at rates in the Contract, or
- c) in the absence of appropriate rates, the rates in the Contract shall be used as the basis for valuation, or failing which
- d) at appropriate new rates, as may be agreed or which the Engineer/Procuring Entity considers appropriate, or
- e) if the Engineer/Procuring Entity so instructs, at day work rates set out in the Contract Data for which the Contractor shall keep records of hours of labour and Contractor's Equipment, and of Materials, used.

10.3 **Early Warning**

The Contractor shall notify the Engineer/Procuring Entity in writing as soon as he is aware of any circumstance which may delay or disrupt the Works, or which may give rise to a claim for additional payment.

To the extent of the Contractor's failure to notify, which results to the Engineer/Procuring Entity being unable to keep all relevant records or not taking steps to minimize any delay, disruption, or Cost, or the value of any Variation, the Contractor's entitlement to extension of the Time for Completion or additional payment shall be reduced/rejected.

10.4. **Valuation of Claims**

If the Contractor incurs Cost as a result of any of the Procuring Entity's Risks, the Contractor shall be entitled to the amount of such Cost. If as a result of any Procuring Entity's Risk, it is necessary to change the Works, this shall be dealt with as a Variation subject to Contractor's notification for intention of claim to the Engineer/Procuring Entity within fourteen (14) days of the occurrence of cause.

10.5 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Procuring Entity an itemized make-up of the value of variations and claims within twenty-eight (28) days of the instruction or of the event giving rise to the claim. The Engineer/Procuring Entity shall check and if possible, agree the value. In the absence of agreement, the Procuring Entity shall determine the value.

11. CONTRACT PRICE AND PAYMENT

11.1 (a) Terms of Payments

The amount due to the Contractor under any Interim Payment Certificate issued by the Engineer pursuant to this Clause, or to any other terms of the Contract, shall, subject to Clause 7.4 of Conditions of Contract (CoC) be paid by the Procuring Entity to the Contractor within 30 days after such Interim Payment Certificate has been jointly verified by Procuring Entity and Contractor, or, in the case of the Final Certificate referred to in Sub Clause 11.5 of CoC, within 60 days after such Final

Payment Certificate has been jointly verified by Procuring Entity and Contractor; Provided that the Interim Payment shall be caused in 42 days and Final Payment in 60 days in case of foreign funded project. In the event of the failure of the Procuring Entity to make payment within the times stated, the Procuring Entity shall pay to the Contractor compensation at the 28 days rate of KIBOR+2% per annum in local currency and LIBOR+1% for foreign currency, upon all sums unpaid from the date by which the same should have been paid. The provisions of this Sub-Clause are without prejudice to the Contractor's entitlement under Clause 12.2 CoC.

(b) Valuation of the Works

The Works shall be valued as provided for in the Contract Data, subject to Clause 10.

11.2 Monthly Statements

The Contractor shall be entitled to be paid at monthly intervals:

- a) the value of the Works executed; and
- b) The percentage of the value of Materials and Plant reasonably delivered to the Site, as stated in the Contract Data, subject to any additions or deductions which may be due.

The Contractor shall submit each month to the Engineer/Procuring Entity a statement showing the amounts to which he considers himself entitled.

11.3 Interim Payments

Within a period not exceeding seven (7) days from the date of submission of a statement for interim payment by the Contractor, the Engineer / Procuring Entity shall verify the same and within a period not exceeding thirty (30) days from the said date of submission by the Contractor, the Procuring Entity shall pay to the Contractor the sum verified by the Engineer less retention money at the rate stated in the Contract Data.

11.4 Retention

Retention money shall be paid by the Procuring Entity to the Contractor within fourteen (14) days after either the expiry of the period stated in the Contract Data, or the remedying of notified defects, or the completion of outstanding work, all as referred to in Sub-Clause 9.1, whichever is the later.

11.5 Final Payment

Within twenty-one (21) days from the date of issuance of the Maintenance Certificate the Contractor shall submit a final account to the Engineer to verify and the Engineer shall verify the same within fourteen (14) days from the date of submission and forward the same to the Procuring Entity together with any documentation reasonably required to enable the Procuring Entity to ascertain the final contract value.

Within sixty (60) days from the date of receipt of the verified final account from the Engineer, the Procuring Entity shall pay to the Contractor any amount due to the Contractor. While making such payment the Procuring Entity may, for reasons to be given to the Contractor in writing, withhold any part or parts of the verified amount.

11.6 Currency

Payment shall be in the currency stated in the Contract Data.

12. DEFAULT

12.1 Default by Contractor

If the Contractor abandons the Works, refuses or fails to comply with a valid instruction of the Engineer/Procuring Entity or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Procuring Entity may give notice referring to this Sub-Clause and stating the default.

If the Contractor has not taken all practicable steps to remedy the default within fourteen (14) days after receipt of the Procuring Entity's notice, the Procuring Entity may by a second notice given within a further twenty-one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site leaving behind any Contractor's Equipment which the Procuring Entity instructs, in the second notice, to be used for the completion of the Works at the risk and cost of the Contractor.

12.2 Default by Procuring Entity

If the Procuring Entity fails to pay in accordance with the Contract, or is, despite a written complaint, in breach of the Contract, the Contractor may give notice referring to this Sub-Clause and stating the default. If the default is not remedied within fourteen (14) days after the Procuring Entity's receipt of this notice, the Contractor may suspend the execution of all or parts of the Works.

If the default is not remedied within twenty-eight (28) days after the Procuring Entity's receipt of the Contractor's notice, the Contractor may by a second notice given within a further twenty-one (21) days, terminate the Contract. The Contractor shall then demobilize from the Site.

12.3 Insolvency

If a Party is declared insolvent under any applicable law, the other Party may by notice terminate the Contract immediately. The Contractor shall then demobilize from the Site leaving behind, in the case of the Contractor's insolvency, any Contractor's Equipment which the Procuring Entity instructs in the notice is to be used for the completion of the Works.

12.4 Payment upon Termination

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) any sums to which the Procuring Entity is entitled,
- c) if the Procuring Entity has terminated under Sub-Clause 12.1 or 12.3, the Procuring Entity shall be entitled to a sum equivalent to twenty percent (20%) of the value of parts of the Works not executed at the date of the termination, and
- d) if the Contractor has terminated under Sub-Clause 12.2 or 12.3, the Contractor shall be entitled to the cost of his demobilization together with a sum equivalent to ten percent (10%) of the value of parts of the Works not executed at the date of termination.

The net balance due shall be paid or repaid within twenty-eight (28) days of the notice of termination.

13. RISKS AND RESPONSIBILITIES

13.1 Contractor's Care of the Works

Subject to Sub-Clause 9.1, the Contractor shall take full responsibility for the care of the Works from the Commencement Date until the date of the Procuring Entity's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Procuring Entity. If any loss or damage happens to the Works during the above period, the Contractor shall rectify such loss or damage so that the Works conform with the Contract.

Unless the loss or damage happens as a result of any of the Procuring Entity's Risks, the Contractor shall indemnify the Procuring Entity, or his agents against all claims loss, damage and expense arising out of the Works.

13.2 Force Majeure

If Force Majeure occurs, the Contractor shall notify the Engineer/Procuring Entity immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Procuring Entity demobilize the Contractor's Equipment.

If the event continues for a period of eighty-four (84) days, either Party may then give notice of termination which shall take effect twenty-eight (28) days after the giving of the notice.

After termination, the Contractor shall be entitled to payment of the unpaid balance of the value of the Works executed and of the Materials and Plant reasonably delivered to the Site, adjusted by the following:

- a) any sums to which the Contractor is entitled under Sub-Clause 10.4,
- b) the cost of his demobilization, and
- c) less any sums to which the Procuring Entity is entitled.

The net balance due shall be paid or repaid within thirty-five (35) days of the notice of termination.

14. INSURANCE

14.1 Arrangements

The Contractor shall, prior to commencing the Works, effect insurances of the types, in the amounts and naming as insured the persons stipulated in the Contract Data except for items (a) to (e) and (i) of the Procuring Entity's Risks under Sub-Clause 6.1. The policies shall be issued by insurers and in terms approved by the Procuring Entity. The Contractor shall provide the Engineer/Procuring Entity with evidence that any required policy is in force and that the premiums have been paid.

14.2 Default

If the Contractor fails to effect or keep in force any of the insurances referred to in the previous Sub-Clause, or fails to provide satisfactory evidence, policies or receipts, the Procuring Entity may, without prejudice to any other right or remedy,

effect insurance for the cover relevant to such as a default and pay the premiums due and recover the same plus a sum in percentage given in Contractor Data from any other amounts due to the Contractor.

15. RESOLUTION OF DISPUTES

15.1 Engineer's Decision

If a dispute of any kind whatsoever arises between the Procuring Entity and the Contractor in connection with the Works, the matter in dispute shall, in the first place, be referred in writing to the Engineer, with a copy to the other party. Such reference shall state that it is made pursuant to this Clause. No later than the twenty-eight (28) days after the day on which he received such reference, the Engineer shall give notice of his decision to the Procuring Entity and the Contractor. Unless the Contract has already been repudiated or terminated, the Contractor shall, in every case, continue to proceed with the Work with all due diligence, and the Contractor and the Procuring Entity shall give effect forthwith to every such decision of the Engineer unless and until the same shall be revised, as hereinafter provided in an arbitral award.

15.2 Notice of Dissatisfaction

If a Party is dissatisfied with the decision of the Engineer or if no decision is given within the time set out in Sub-Clause 15.1 here above, the Party may give notice of dissatisfaction referring to this Sub-Clause within fourteen (14) days of receipt of the decision or the expiry of the time for the decision. If no notice of dissatisfaction is given within the specified time, the decision shall be final and binding on the Parties. If notice of dissatisfaction is given within the specified time, the decision shall be binding on the Parties who shall give effect to it without delay unless and until the decision of the Engineer is revised by an arbitrator.

15.3 Arbitration

A dispute which has been the subject of a notice of dissatisfaction shall be finally settled as per provisions of Arbitration Act 1940 (Act No. X of 1940) and Rules made thereunder and any statutory modifications thereto. Any hearing shall be held at the place specified in the Contract Data and in the language referred to in Sub-Clause 1.5.

15.4 Resolution of Dispute in Absence of the Engineer.

In case no Engineer has been appointed, the dispute, if any, between the Procuring Entity and the Contractor in connection with the Works, shall first be tried to be resolved amicably. In case the dispute could not be resolved amicably, it shall be settled as per provision of Arbitration Act-1940.

16 INTEGRITY PACT

16.1 If the Contractor, or any of his Sub-Contractors, agents or servants is found to have violated or involved in violation of the Integrity Pact signed by the Contractor as Schedule-F to his Bid, then the Procuring Entity shall be entitled to:

- (a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by the Contractor or any of his Sub-Contractors, agents or servants;
- (b) terminate the Contract; and
- (c) Recover from the Contractor any loss or damage to the Procuring Entity as a result of such termination or of any other corrupt business practices of the Contractor or any of his Sub-Contractors, agents or servants.

On termination of the Contract under Sub-Para (b) of this Sub-Clause, the Contractor shall demobilize from the Site leaving behind Contractor's Equipment which the Procuring Entity instructs, in the termination notice, to be used for the completion of the Works at the risk and cost of the Contractor. Payment upon such termination shall be made under Sub-Clause 12.4, in accordance with Sub-Para (c) thereof, after having deducted the amounts due to the Procuring Entity under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

(Note: Except where otherwise indicated, all Contract Data should be filled in by the Procuring Entity prior to issuance of the Bidding Documents.)

Sub-Clauses of Conditions of Contract

1.1.3 Procuring Entity's Drawings, if any
As per PC-I and T.S

1.1.4 **Executive Engineer, Peshawar Canals Division (Procuring officer)**

1.1.5 **The Contractor** means

M/S _____ **Govt: Contractor**

1.1.7 **Commencement Date** means the date of issue of Engineer's Notice to Commence which shall be issued within fourteen (14) days of the signing of the Contract Agreement.

1.1.9 **Time for Completion:** ____/____20__

1.1.20 Engineer

Executive Engineer, Peshawar Canals Division, Peshawar.

1.3 **Documents forming the Contract listed in the order of priority:**

- (a) The Contract Agreement
- (b) Letter of Acceptance
- (c) Evaluated Bid Solicitation Document and Bid evaluation report
- (d) Contract Data
- (e) Conditions of Contract
- (f) The completed Schedules to Bid including Schedule of Prices
- (g) The Drawings, if any
- (h) The Specifications

(The Procuring Entity may add, in order of priority, such other documents as form part of the Contract. Delete the document, if not applicable)

2.1 **Provision of Site:**

On the Commencement date by the Sub Divisional Officer (Concerned)

3.1 **Authorized person: Executive Engineer, Peshawar Canals Division Peshawar.**

- 3.2 **Name and address of Engineer's/Procuring Officer/Procuring Entity's representative**
Executive Engineer, Peshawar Canals Division, Peshawar
- 4.4 **Performance Security:**
 As per KPPRA Act/Rules (Latest)
- 5.1 **Requirements for Contractor's design (if any):**
 Specification Clause No's N/A
- 7.2 **Program:**
Time for submission: Within 5 working days
Form of program: (Bar Chart) (If required)
- 7.4 Amount payable due to failure to complete shall be 0.05% per day up to a maximum of (10%) * of sum stated in the Letter of Acceptance
 (Usually, the liquidated damages are set between 0.05 percent and 0.10 percent per day.)
- 9.1 **Period for remedying defects**
90 days after final measurement date
- 10.2 (e) **Variation procedure:**
 As per work progress and site situation
- 11.1 (a) **Terms of Payments**
 As per work done and availability of fund
- (b) **Valuation of the Works*: (NOT APPLICABLE)**
- i) Lump sum price _____ (details), or
 - ii) Lump sum price with schedules of rates _____ (details), or
 - iii) Lump sum price with bill of quantities _____ as per work done.
 - iv) Re-measurement with estimated/bid quantities in the Schedule of Prices _____ (details), or/and
 - v) Cost reimbursable _____ (details)
- 11.2 (b) **Percentage of value of Materials and Plant for day work (if applicable):**
- | | |
|-----------|----------------|
| Materials | Eighty (80%) * |
| Plant | Ninety (90%) * |

11.3 **Percentage of retention:** Eight (08%)

11.6 **Currency of payment:** Pak. Rupees

14.1 **Insurances: (NOT APPLICABLE)**

Type of cover

The Works

Amount of cover

The sum stated in the Letter of Acceptance plus fifteen percent (15%)

Type of cover (NOT APPLICABLE)

Contractor's Equipment:

Amount of cover

Full replacement cost

Type of cover (APPLICABLE)

Third Party-injury to persons and damage to property

(The minimum amount of third-party insurance should be assessed by the
Procuring officer / Procuring Entity and entered).

Workers:

Other cover*:

(In each case name of insured is Contractor and Procuring officer /Procuring
Entity)

14.2 **Amount to be recovered (NOT APPLICABLE)**

Premium plus _____ percent (____%).

15.3 **Arbitration**

Place of Arbitration: The Grievance redressal mechanism as per KPPRA
shall be applicable, only & place shall be Peshawar, Khyber Pakhtunkhwa.

STANDARD FORMS

(Note: Standard Forms provided in this document for securities are to be issued by a bank. In case the bidder chooses to issue a bond for accompanying his bid or performance of contract or receipt of advance, the relevant format shall be tailored accordingly without changing the spirit of the Forms of securities).

FORM OF BID SECURITY

(Bank Guarantee)

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Entity)

Name of Guarantor (Scheduled Bank in Pakistan) with
address: _____

Name of Principal (Bidder) with
address: _____

Penal Sum of Security (express in words and
figures): _____

Bid Reference No. _____ Date of Bid _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bid and at the request of the said Principal, we the Guarantor above-named are held and firmly bound unto the _____, (hereinafter called The "Procuring Entity") in the sum stated above, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying Bid numbered and dated as above for _____ (Particulars of Bid) to the said Procuring Entity; and

WHEREAS, the Procuring Entity has required as a condition for considering the said Bid that the Principal furnishes a Bid Security in the above said sum to the Procuring Entity, conditioned as under:

- (1) that the Bid Security shall remain valid for a period of twenty eight (28) days beyond the period of validity of the bid;
- (2) that in the event of;
 - (a) the Principal withdraws his Bid during the period of validity of Bid, or
 - (b) the Principal does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) of Instructions to Bidders, or
 - (c) failure of the successful bidder to
 - (i) furnish the required Performance Security, in accordance with Sub-Clause IB-21.1 of Instructions to Bidders, or
 - (ii) sign the proposed Contract Agreement, in accordance with Sub-Clauses IB-20.2 & 20.3 of Instructions to Bidders,

the entire sum be paid immediately to the said Procuring Entity for delayed completion and not as penalty for the successful bidder's failure to perform.

NOW THEREFORE, if the successful bidder shall, within the period specified therefore, on the prescribed form presented to him for signature enter into a formal Contract Agreement with the said Procuring Entity in accordance with his Bid as accepted and furnish within fourteen (14) days of receipt of Letter of Acceptance, a Performance Security with good and sufficient surety , as may be required, upon the form prescribed by the said Procuring Entity for the faithful performance and proper fulfillment of the said Contract or in the event of non-withdrawal of the said Bid within the time specified then this obligation shall be void and of no effect, but otherwise to remain in full force and effect.

PROVIDED THAT the Guarantor shall forthwith pay to the Procuring Entity the said sum stated above upon first written demand of the Procuring Entity without cavil or argument and without requiring the Procuring Entity to prove or to show grounds or reasons for such demand, notice of which shall be sent by the Procuring Entity by registered post duly addressed to the Guarantor at its address given above.

PROVIDED ALSO THAT the Procuring Entity shall be the sole and final judge for deciding whether the Principal has duly performed his obligations to sign the Contract Agreement and to furnish the requisite Performance Security within the time stated above, or has defaulted in fulfilling said requirements and the Guarantor shall pay without objection the sum stated above upon first written demand from the Procuring Entity forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed the instrument under its seal on the date indicated above, the name and seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative pursuant to authority of its governing body.

Guarantor (Bank)

Witness:

1. Signature _____

1. _____

2. Name _____

Corporate Secretary (Seal)

3. Title _____

2. _____

(Name, Title & Address)

Corporate Guarantor (Seal)

FORM OF PERFORMANCE SECURITY
(Bank Guarantee)

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Entity)

Name of Guarantor (Scheduled Bank in Pakistan) with

address: _____

Name of Principal (Contractor) with

address: _____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____ Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the _____ (hereinafter called the Procuring Entity) in the penal sum of the amount stated above, for the payment of which sum well and truly to be made to the said Procuring Entity, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has accepted the Procuring Entity's above said Letter of Acceptance for _____ (Name of Contract) for the _____

_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Procuring Entity, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of the said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause 9, Remedying Defects, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defences under the Contract, do hereby irrevocably and independently guarantee to pay to the Procuring Entity without delay upon the Procuring Entity's first written demand without cavil or arguments and without requiring the Procuring Entity to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated above, against the Procuring Entity's written declaration that the Principal has refused or failed to perform the obligations under the Contract, for which payment will be effected by the Guarantor to Procuring Entity's designated Bank & Account Number.

PROVIDED ALSO THAT the Procuring Entity shall be the sole and final judge for deciding whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Procuring Entity forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above bounded Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

	_____ Guarantor (Bank)
Witness:	
1. _____	1. Signature _____
_____	2. Name _____
Corporate Secretary (Seal)	3. Title _____
2. _____	
_____	_____
(Name, Title & Address)	Corporate Guarantor (Seal)

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the “Agreement”) made on the _____ day of _____ 2024 between Executive Engineer, Peshawar Canals Division,
Peshawar(Procuring Officer) (hereinafter called the “Procuring Entity”) of the one part and _____
(hereinafter called the “Contractor”) of the other part.

WHEREAS the Procuring Entity is desirous that certain Work/s, viz _____

should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

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 Conditions of Contract hereinafter referred to
2. The following documents after incorporating addenda, if any except those parts relating to Instructions to Bidders, shall be deemed to form and be read and construed as part of this Agreement, viz:
 - (a) The Letter of Acceptance;
 - (b) The completed Form of Bid along with Schedules to Bid;
 - (c) Conditions of Contract & Contract Data;
 - (d) The priced Schedule of Prices;
 - (e) The Specifications; and
 - (f) The Drawings
3. In consideration of the payments to be made by the Procuring Entity to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Procuring Entity to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Procuring Entity hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor

Signature of the Procuring Officer /
Procuring Entity

(Seal)

(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:

Witness:

(Name, Title and Address)

(Name, Title and Address)

**FORM OF BANK GUARANTEE FOR ADVANCE PAYMENT
(Not Applicable)**

Guarantee No. _____

Executed on _____

(Letter by the Guarantor to the Procuring Entity)

WHEREAS the _____ (hereinafter
Called the Procuring Entity) has entered into a Contract for

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

AND WHEREAS the Procuring Entity has agreed to advance to the Contractor, at the Contractor's request, an amount of Rs. _____ Rupees _____) which amount shall be advanced to the Contractor as per provisions of the Contract.

AND WHEREAS the Procuring Entity has asked the Contractor to furnish Guarantee to secure the advance payment for the performance of his obligations under the said Contract.

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

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

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

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

This Guarantee shall expire not later than _____

by which date we must have received any claims by registered letter, telegram, telex or e-mail.

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

Guarantor (Scheduled Bank)

Witness:

1. _____

Corporate Secretary (Seal)

2. _____

(Name, Title & Address)

1. Signature _____

2. Name _____

3. Title _____

Corporate Guarantor (Seal)

SPECIFICATIONS

Note for Preparing the Specifications

Standard technical specification as per document at the following link are required:
<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download>
(Technical Specification on MRS 2024 1st bi, Latest)

Standard material specification as per document at the following link are required:
<https://www.finance.gkp.pk/attachments/032b21c0a37611eca4e0b55aac984a07/download>
(Material Specification on MRS 2024 1st bi, Latest)

BOQ

B O Q

Work No.1

Name of work: - AM&R to Electrical and Mechanical Components of Zakhi & Wazir Garhi Lift Irrigation Schemes,i/c Civil repair of its Channels during 2025-26.

Estimated Cost :-Rs.

5.00 Million

Time Limit:-

As Per Work Order

S No.	MRS 2024 1st bi	Discription	Unit	Qty	Price	Total
1	NSI	Providing, laying, cutting, jointing, testing and disinfecting GI pipeline in trenches, with Welded joint, using GI pipes of EN 10255 - 2004 (Approved Extra Light quality) including specials etc. complete as per specifications except excavation. 10" Nominal Pipe Size (NPS)	M	10.0	18000.00	180000.00
2	NSI	Repair of foot valve including replacement of leather and repair of strainer to foot valve, Opening and refitting.	Each	7.00	25000.00	175000.00
3	15-11-b-05	Supply & Erection of 200 Amp Main switch	Each	7.00	10186.88	71308.16
4	NSI	Replacement and fixing of moter bearing for 25 HP moter	No	6.00	22000.00	132000.00
5	NSI	Replacement and fixing of moter bearing for 15 HP moter	No	12.00	20000.00	240000.00
6	15-119	Supply & erection of 2" PVC pipe flexible (weather proof)	M	15.00	512.86	7692.90
7	15-204-c	S/Fixing starter overload relay 61-100 Amp	No	7.00	10972.35	76806.45
8	15-210	Furnish & Install of Volt: meter up to 500 volts.	No	7.00	1027.97	7195.79
9	15-211	Furnish & Install of AMP meter up to 100 Amps	No	7.00	1027.97	7195.79
10	NSI	General repair to MCU/ OCB/ ACB type starter for 15-30 HP Motors.	No	5.00	10000.00	50000.00
11	NSI	Replacement of Router shaft stainless steel for moter 15-30 HP Motors complete.	No.	7.00	20000.00	140000.00
12	NSI	Replacement of Impellar for 15-30 HP Motors including fixing.	No.	7.00	30000.00	210000.00
13	NSI	Rewinding of E/Motor i/c carraige to work shop & back instt & testing complete.	H.P	120.00	7000.00	840000.00

14	27-41-c	Rewinding of H.T Coil 100 KVA	Job	6.00	55982.25	335893.50
15	27-42-c	Rewinding of L.T Coil 100 KVA	Job	6.00	15279.75	91678.50
16	NSI	Replacement of HT Bush for 100 KVA Transformer.	No.	4.00	12000.00	48000.00
17	NSI	Replacement of LT Bush for 100 KVA Transformer.	No.	4.00	9000.00	36000.00
18	27-44-b	Replacement of transformer link of different KVS	No.	6.00	2139.75	12838.50
19	27-45	Replacement of S-Y-II unit for 25 to 100 KVA	No.	2.00	2391.75	4783.50
20	NSI	Replacement of transformer oil	Liter	250.00	750.00	187500.00
21	NSI	Loading unloading of Transformer & installation with carriage complete for 100 KVA transformer.	Job	2.00	20000.00	40000.00
22	15-202-d	S/Fixing 4-core flexible Aluminium cable for service of transformer to main board (19/83)	M	10.00	7044.60	70446.00
23	N.S.I	Dehydration of transformer oil i/c repair of transformer body & painting etc complete.	Job	2.00	25000.00	50000.00
24	N.S.I	Supply & Installation of Magnetic contactor for Motor Control Unit 30 Amp.	Job	10.00	25000.00	250000.00
25	N.S.I	Supply of OVER LOAD relay 3 phase (440 volts).	Job	10.00	10000.00	100000.00
26	N.S.I	Supply of circuit breaker (60-100 Amp)	Job	10.00	10000.00	100000.00
27	N.S.I	Supply and fixing of automatic phase filler to starter.	Job	10.00	8000.00	80000.00
28	N.S.I	Supply/Fixing of automatic starter (star delta) Japan	Job	3.00	80000.00	240000.00
29	N.S.I	Supply/Fixing of automatic starter (delta) Japan	Job	2.00	70000.00	140000.00
30	N.S.I	Painting of column / suction & delivery pipe, moter and pump i/c scrobing & cleaning of rust complete.	Job	5.00	15000.00	75000.00
31	N.S.I	Repair of electrification of P/H	Job	2.00	10000.00	20000.00
32	N.S.I	Supply of gland packing (joint doori)	KG	5.00	2500.00	12500.00
33	N.S.I	Repair to Pump & Pump Body	Job	7.00	25000.00	175000.00
34	N.S.I	Supply of Grease	KG	5.00	2000.00	10000.00

35	17-10-b-02	4" thick PCC lining, using washed screened & graded/crushed stone aggregate : On slope : Ratio 1:3:6	M ³	8.00	13,151.73	105213.84
36	17-10-a-02	4" thick PCC Lining,using washed screened & graded/crushed stone aggregate: in bed : Ratio 1:3:6.	M ³	5.00	12525.20	62626.00
37	03-05-a+03-29-a+03-19-a+03-20-a+b+c	Borrowpit excavation undressed lead upto 30 M in ordinary soil, Dressing & levelling earth to designed sections Ordinary or hard soil upto cut or fill 6 inches & Compaction of earth with power road roller 95% to 100% max. mod. AASHTO dry density upto 3 KM lead.	M ³	30.00	2066.10	61983.00
38	12-57-a	Providing and fixing double leaf steel door with frame fully panelled with M.S sheet 16 gauge (1.59mm) painted with two coats of red oxide paint with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.	M ²	3.00	8,955.45	26866.35
39	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	M ³	6.00	15,436.87	92621.22
40	04-20-a	Dismantling RCC, separating reinforcement, cleaning & straightening the same	M ³	3.00	7,914.02	23742.06
41	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	4.00	17,793.23	71172.92
42	06-08-c	Supply & fabricate M.S. reinforcement for cementconcrete (Hot rolled deformed bars Grade 40)	Tonne	0.62	324,224.31	201019.07
43	11-10-b	Cement plaster 3/8" thick under soffit of RCC roof slabs only upto 20' height : (1:3)	M ²	12.00	473.00	5676.00
44	11-11-b	Cement plaster 1:5, upto 20' height 1/2" thick	M ²	35.00	474.23	16598.05
45	03-02-a	Earth excavation in ashes, sand & soft soil or silt clearance, undressed lead upto 15m.	M ²	476.48	242.70	115641.70
Total Amount In Rs.						4999999
Total Amount In Million.						5.00

Note: Any other item of work crop out during execution will be paid on MRS-2024 (1st Bi Annual).The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.2

Name of Work:- AM&R to Irrigation works in KRC (Head Section) During 2025-26

Estimated Cost:-Rs.

10.000

Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	1490.40	107.26	159860
2	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
3	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
4	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
5	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
6	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
7	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
8	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
9	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
10	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
11	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
12	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133

13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1490.40	7.47	11133
17	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	1490.40	312.16	465243
18	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
19	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
20	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
21	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
22	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
23	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
24	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
25	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
26	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
27	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1490.40	48.36	72076
28	03-20-c	Transportation of earth all types for every 500 m extra lead beyond 1.5 Km upto 8 KM.	M ³	1490.40	43.97	65533
29	03-20-c	Transportation of earth all types for every 500 m extra lead beyond 1.5 Km upto 8 KM.	M ³	1490.40	43.97	65533

30	03-20-c	Transportation of earth all types for every 500 m extra lead beyond 1.5 Km upto 8 KM.	M ³	1490.40	43.97	65533
31	03-61-b	Clearance of Choked up syphon including dewatering Exceeding 1.25m Dia.	M	130.56	1305.82	170488
32	19-03-b	Supply & filling used synthetic fiber /plastic bags 1.25 cft capacity with sand or earth sewing & stacking:Under water.	No	1809.00	162.20	293420
36	N.S.I	Oiling,greasing,painting & Repair of Bifurcation gate,Escape Gates,Head Regulation Gates and under sluices K R C Head Section.	Job	6.00	400000	2400000
37	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	135.00	395.7	53420
38	16-74-a	Bailing out standing water by Mechanical mean.	M ³	423.11	52.48	22205
39	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	897.00	137.29	123149
40	07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	M ³	11.00	15,651.63	172168
41	20-08	Adjusting "Y" of an APM outlet, including dismantling and rebuilding	Each	7.00	5,272.52	36908
42	20-07	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls	Each	7.00	2,917.59	20423
43	20-06-b	Constructing, watching & removing bund for outlet built in running water : Over 3' depth	Each	5.00	6,723.00	33615
44	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	702.34	742.76	521670
45	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	245.00	3,073.28	752954
46	17-10-a-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:3:6	M ³	9.42	12,525.20	117987
47	17-10-b-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : On slope : Ratio 1:3:6	M ³	18.85	13,151.73	247910
48	06-24-a	Filling expansion joints with bitumen	M	28.28	543.00	15356
49	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	25.00	7,568.55	189214

50	17-03-b	1/2" thick plaster of cement, sand motar 1:10 On slope	M ²	18.85	358.34	6755
51	17-03-a	1/2" thick plaster of cement, sand motar 1:10 in bed	M ²	18.85	300.57	5666
52	17-01-b	Formation, dressing and preparing sub-grade on slope	M ²	28.28	160.75	4546
53	17-01-a	Formation, dressing and preparing sub-grade in bed	M ²	92.78	117.89	10938
54	07-07-a-02	1st class brick work other than building upto 10 ft. height : Cement, sand mortar 1:3	M ³	20.00	17,089.94	341799
55	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M ²	78.45	483.05	37895
56	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	0.42	324,224.31	136174
57	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	6.15	17,793.23	109428
58	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	22.00	724.61	15941
59	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	200.00	750.75	150150
60	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	55.34	9,438.66	522335
61	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	21.00	12,859.69	270053
62	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	25.50	7,568.55	192998
63	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	25.23	11,471.96	289438
64	03-12-d	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	M ³	478.00	923.30	441337
65	03-02-a	Earth excavation in ashes, sand & soft soil or silt clearance, undressed lead upto 15m.	M ³	638.00	242.70	154843
66	03-28-c	Ramming earthwork (all types of soil)	M ³	80.34	65.95	5298
67	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	80.34	41.15	3306

68	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	80.34	14.07	1130
69	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	80.34	447.55	35956
70	03-30	Extra for wet earthwork	M ³	129.12	153.88	19869
71	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	130.56	333.10	43490
72	03-72-c	Earthwork by mechanical means in drains and irrigation channels in WET & SLUSH soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	M ³	2274.64	140.82	320315
Total Amount In Rs.						10000006
Total Amount In Million.						10.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annau. The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.3.

Name of Work:- **AM&R to Irrigation works in KRC (Tail Section) During 2025-26**

Estimated Cost:-Rs.

10.000 Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	2144.00	107.26	229965
2	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
3	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
4	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
5	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
6	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
7	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
8	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
9	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
10	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
11	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
12	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016

13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	2144.00	7.47	16016
17	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	2144.00	312.16	669271
18	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	2144.00	48.36	103684
19	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	2144.00	48.36	103684
20	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	2144.00	48.36	103684
21	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	2144.00	48.36	103684
22	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	2144.00	48.36	103684
23	03-61-a	Clearance of choked up syphon including dewatering Upto 1.25m dia	M	623.00	837.06	521488
24	03-61-b	Clearance of Choked up syphon including dewatering Exceeding 1.25m Dia.	M	205.00	1305.82	267693
25	N.S.I	Oiling,greasing,painting & Repair of Escape Gates,Head Regulation Gates K R C Tail Section.	Job	5.00	400000	2000000
26	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	135.00	395.7	53420
27	16-74-a	Bailing out standing water by Mechanical mean.	M ³	423.11	52.48	22205
28	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	1456.00	137.29	199894
29	07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	M ³	11.00	15,651.63	172168
30	20-08	Adjusting "Y" of an APM outlet, including dismantling and rebuilding	Each	7.00	5,272.52	36908
31	20-07	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls	Each	7.00	2,917.59	20423
32	20-06-b	Constructing, watching & removing bund for outlet built in running water : Over 3' depth	Each	5.00	6,723.00	33615

33	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	786.00	742.76	583809
34	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	245.00	3,073.28	752954
35	17-10-a-02	4" thick PCC lining, using washed screened & graded/crushed stone aggregate : in bed : Ratio 1:3:6	M ³	9.42	12,525.20	117987
36	17-10-b-02	4" thick PCC lining, using washed screened & graded/crushed stone aggregate : On slope : Ratio 1:3:6	M ³	18.85	13,151.73	247910
37	06-24-a	Filling expansion joints with bitumen	M	28.28	543.00	15356
38	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	25.00	7,568.55	189214
39	17-03-b	1/2" thick plaster of cement, sand mortar 1:10 On slope	M ²	18.85	358.34	6755
40	17-03-a	1/2" thick plaster of cement, sand mortar 1:10 in bed	M ²	18.85	300.57	5666
41	17-01-b	Formation, dressing and preparing sub-grade on slope	M ²	28.28	160.75	4546
42	17-01-a	Formation, dressing and preparing sub-grade in bed	M ²	92.78	117.89	10938
43	07-07-a-02	1st class brick work other than building upto 10 ft. height : Cement, sand mortar 1:3	M ³	20.00	17,089.94	341799
44	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M ²	78.45	483.05	37895
45	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	0.42	324,224.31	136174
46	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	6.15	17,793.23	109428
47	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	22.00	724.61	15941
48	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	200.00	750.75	150150
49	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	55.34	9,438.66	522335
50	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	21.00	12,859.69	270053
51	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	25.50	7,568.55	192998

52	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	25.23	11,471.96	289438
53	03-12-d	Earth excavation in irrigation channels/drains & disposal upto 25m. & dressing : in Shingle/Gravel	M ³	578.00	923.30	533667
54	03-02-a	Earth excavation in ashes, sand & soft soil or silt clearance, undressed lead upto 15m.	M ³	638.00	242.70	154843
55	03-28-c	Ramming earthwork (all types of soil)	M ³	80.34	65.95	5298
56	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	80.34	41.15	3306
57	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	80.34	14.07	1130
58	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	80.34	447.55	35956
59	03-30	Extra for wet earthwork	M ³	129.12	153.88	19869
60	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	130.56	333.10	43490
61	03-72-c	Earthwork by mechanical means in drains and irrigation channels in WET & SLUSH soil dressed to designed section, grades profile/with excavated material, disposed off within 50 feet (15.2 m) lead and dressed as directed.	M ³	1529.55	140.82	215391
Total Amount In Rs.						10000002
Total Amount In Million.						10.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annual. The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.4

Name of Work:- AM&R to Irrigation works in Jue Sheikh Section i/c its Branches (Head to Tail) During 2025-26

Estimated Cost:-Rs.

20.000 Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	20-01-b	Earth Work for Outlet excavation, refilling, ramming and Puddling b) Channels discharge from 51-100 Cs	Job	12.00	2739.00	32868
2	20-06-b	Constructing, watching & removing bund for outlet built in running water : Over 3' depth	Each	12.00	6723.00	80676
3	20-07	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls	Each	12.00	2,917.59	35011
4	20-08	Adjusting "Y" of an APM outlet, including dismantling and rebuilding	Each	12.00	5,272.52	63270
5	20-14-a	Fixing pipe outlet, including backfilling of earth & puddling : Portion under bank	M	12.00	736.83	8842
6	20-14-b	Fixing pipe outlet, including backfilling of earth & puddling :Portion under road, beyond bank	M	12.00	372.97	4476
7	20-15-a	Removing pipe outlet,refilling earth & puddling: Portion under bank	M	12.00	544.48	6534
8	20-15-b	Removing pipe outlet,refilling earth & puddling: Portion under road, beyond Bank	M	12.00	204.23	2451
9	20-16-a	Changing pipe outlets by removing one pipe & replacing at the same site with another pipe complete with earth and puddling: Portion under bank	M	12.00	849.65	10196
10	20-16-b	Changing pipe outlets by removing one pipe & replacing at the same site with another pipe complete with earth and puddling: : Portion under road, beyond Bank	M	12.00	463.16	5558
11	03-61-a	Clearance of choked up syphon including dewatering Upto 1.25m dia	M	245.00	837.06	205080
12	03-61-b	Clearance of choked up syphon including dewatering Exceeding 1.25m dia	M	233.00	1,305.82	304256
13	17-10-a-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:3:6	M ³	42.00	12,525.20	526058

14	17-10-b-02	4" thick PCC lining, using washed screened & graded/cursned stone aggregate : On slope : Ratio 1:3:6	M ³	67.00	13,151.73	881166
15	06-24-a	Filling expansion joints with bitumen	M	71.00	543.00	38553
16	17-03-b	1/2" thick plaster of cement, sand motar 1:10 On slope	M ²	67.00	358.34	24009
17	17-03-a	1/2" thick plaster of cement, sand motar 1:10 in bed	M ²	98.00	300.57	29456
18	17-01-b	Formation, dressing and preparing sub-grade on slope	M ²	67.00	160.75	10770
19	17-01-a	Formation, dressing and preparing sub-grade in bed	M ²	178.00	117.89	20984
20	07-07-a-02	1st class brick work other than building upto 10 ft. height : Cement, sand mortar 1:3	M ³	78.00	17,089.94	1333015
21	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M ²	112.00	483.05	54102
22	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	2.00	324,224.31	648449
23	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	12.67	17,793.23	225440
24	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	367.00	742.76	272593
25	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	125.00	3,073.28	384160
26	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	35.36	724.61	25622
27	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	564.00	750.75	423423
28	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	303.12	9,438.66	2861047
29	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	178.00	12,859.69	2289025
30	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	97.99	7,568.55	741642
31	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	167.10	11,471.96	1916965
32	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	105.70	41.15	4350

33	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	95.00	381	36195
34	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	95.00	14.07	1337
35	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	95.00	447.55	42517
36	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	5693.66	107.26	610702
37	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
38	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
39	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
40	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
41	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
42	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
43	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
44	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
45	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
46	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
47	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
48	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
49	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
50	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
51	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	5693.66	7.47	42532
52	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	5693.66	312.16	1777333
53	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	5693.66	48.36	275345

54	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	5693.66	48.36	275345
55	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	5693.66	48.36	275345
56	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	5693.66	48.36	275345
57	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	5693.66	48.36	275345
58	03-30	Extra for wet earthwork	M ³	412.00	153.88	63399
59	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	895.00	333.10	298125
60	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	2965.00	137.29	407065
61	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	2035.00	395.7	805250
62	16-74-a	Bailing out standing water by Mechanical mean.	M ³	7235.99	52.48	379745
63	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc.complete:- 12" i/d, wall thickness 2"	M	28.00	2,285.90	64005
64	23-02-a	Providing and laying non-reinforced concrete pipe moulded with cement concrete 1:1-1/2:3conforming to ASTM Specification C-14-73,Class-2, including carriage of pipe from factory to site of work, lowering in trenches to correctalignment and grade, jointing, cutting pipe where necessary, finishing and testing, etc. complete:-4"internal diameter	M	28.00	1,056.50	29582
Total Amount In Rs.						20000000
Total Amount In Million.						20.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annaul.
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.5

Name of Work:- AM&R to Irrigation works in Bara Section Sangu and Sheikhan Branches (Head to Tail)
During 2025-26.

Estimated Cost:-Rs.

3.500 Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	147.98	742.76	109914
2	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	95.49	3,073.28	293468
3	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	95.63	724.61	69294
4	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	195.56	750.75	146817
5	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	109.56	9,438.66	1034100
6	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	23.55	12,859.69	302846
7	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	15.55	11,471.96	178389
8	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	48.60	41.15	2000
9	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	48.60	381	18517
10	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	48.60	14.07	684
11	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	48.60	447.55	21751
12	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	2265.79	107.26	243029
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535

15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
21	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
22	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
23	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
24	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
25	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
26	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
27	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1142.57	7.47	8535
28	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	1142.57	312.16	356665
29	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
30	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
31	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
32	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
33	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
34	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
35	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
36	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
37	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255

38	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1142.57	48.36	55255
39	03-30	Extra for wet earthwork	M ³	47.29	153.88	7277
40	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	37.78	333.10	12585
41	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	22.50	137.29	3089
42	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	40.69	395.7	16101
43	16-74-a	Bailing out standing water by Mechanical mean.	M ³	55.37	52.48	2906
Total Amount In Rs.						3500000
Total Amount In Million.						3.500

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annaul.
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.6

Name of Work:- Rehabilitation / Clearance of Civil Kathas off-taking from Naguman, Shah Alam and Adezai River in Civil Canals Sub Division Peshawar During 2025-26.

15.000 Million

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	746.60	742.76	554545
2	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	390.97	3,073.28	1201560
3	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	361.26	724.61	261773
4	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	441.12	750.75	331171
5	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	359.12	9,438.66	3389612
6	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	81.10	12,859.69	1042921
7	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	61.10	11,471.96	700937
8	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	137.19	41.15	5645
9	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	137.19	381	52269
10	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	137.19	14.07	1930
11	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	137.19	447.55	61399
12	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	13671.24	107.26	1466377
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153

15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
21	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
22	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
23	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
24	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
25	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
26	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
27	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	6312.34	7.47	47153
28	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	6312.34	312.16	1970460
29	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
30	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
31	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
32	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
33	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
34	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
35	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
36	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
37	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265

38	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	6312.34	48.36	305265
39	03-30	Extra for wet earthwork	M ³	214.57	153.88	33018
40	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	175.55	333.10	58476
41	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	95.00	137.29	13043
42	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	196.57	395.7	77783
43	16-74-a	Bailing out standing water by Mechanical mean.	M ³	326.53	52.48	17136
Total Amount In Rs.						15000000
Total Amount In Million.						15.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annual.
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.7

Name of Work:- **Rehabilitation / Clearance of Civil Kathas off-taking from Jue Sheikh Canal in Civil Canals Sub Division Peshawar During 2025-26.**

Estimated Cost:-Rs.

5.000 Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	237.72	742.76	176569
2	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	146.97	3,073.28	451680
3	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	191.26	724.61	138589
4	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	351.12	750.75	263603
5	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	209.12	9,438.66	1973813
6	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	37.10	12,859.69	477094
7	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	21.10	11,471.96	242058
8	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	67.19	41.15	2765
9	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	67.19	381	25599
10	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	67.19	14.07	945
11	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	67.19	447.55	30071
12	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	1637.58	107.26	175647
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895

15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
21	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
22	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
23	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
24	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
25	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
26	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
27	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	1056.89	7.47	7895
28	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	1056.89	312.16	329919
29	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
30	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
31	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
32	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
33	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
34	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
35	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
36	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
37	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111

38	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	1056.89	48.36	51111
39	03-30	Extra for wet earthwork	M ³	94.57	153.88	14552
40	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	75.55	333.10	25166
41	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	45.00	137.29	6178
42	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	81.38	395.7	32202
43	16-74-a	Bailing out standing water by Mechanical mean.	M ³	76.50	52.48	4015
Total Amount In Rs.						5000002
Total Amount In Million.						5.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annaul.
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.8

Name of Work:- **Rehabilitation / Clearance of Civil Kathas off-taking from Bara Section in Civil Canals Sub Division Peshawar During 2025-26.**

Estimated Cost:-Rs.

4.000 Million

Time Limit:-

As Per Work
Order

S.#	MRS 2024 1st bi Annual	Description.	Unit	Qty:	Rate.	Amount
1	20-01-b	Earth Work for Outlet excavation, refilling, ramming and Puddling b) Channels discharge from 51-100 Cs	Job	5.00	2739.00	13695
2	20-06-b	Constructing, watching & removing bund for outlet built in running water : Over 3' depth	Each	5.00	6723.00	33615
3	20-07	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls	Each	5.00	2,917.59	14588
4	20-08	Adjusting "Y" of an APM outlet, including dismantling and rebuilding	Each	5.00	5,272.52	26363
5	20-14-a	Fixing pipe outlet, including backfilling of earth & puddling : Portion under bank	M	5.00	736.83	3684
6	20-14-b	Fixing pipe outlet, including backfilling of earth & puddling :Portion under road, beyond bank	M	5.00	372.97	1865
7	20-15-a	Removing pipe outlet,refilling earth & puddling: Portion under bank	M	5.00	544.48	2722
8	20-15-b	Removing pipe outlet,refilling earth & puddling: Portion under road, beyond Bank	M	5.00	204.23	1021
9	20-16-a	Changing pipe outlets by removing one pipe & replacing at the same site with another pipe complete with earth and puddling: Portion under bank	M	5.00	849.65	4248
10	20-16-b	Changing pipe outlets by removing one pipe & replacing at the same site with another pipe complete with earth and puddling: : Portion under road, beyond Bank	M	5.00	463.16	2316
11	03-61-a	Clearance of choked up syphon including dewatering Upto 1.25m dia	M	28.00	837.06	23438
12	03-61-b	Clearance of choked up syphon including dewatering Exceeding 1.25m dia	M	26.00	1,305.82	33951
13	17-10-a-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : in bed : Ratio 1:3:6	M ³	25.00	12,525.20	313130

14	17-10-b-02	4" thick PCC lining, using washed screened & graded/curshed stone aggregate : On slope : Ratio 1:3:6	M ³	19.67	13,151.73	258695
15	06-24-a	Filling expansion joints with bitumen	M	42.15	543.00	22887
16	17-03-b	1/2" thick plaster of cement, sand motar 1:10 On slope	M ²	30.57	358.34	10954
17	17-03-a	1/2" thick plaster of cement, sand motar 1:10 in bed	M ²	19.20	300.57	5771
18	17-01-b	Formation, dressing and preparing sub-grade on slope	M ²	18.90	160.75	3038
19	17-01-a	Formation, dressing and preparing sub-grade in bed	M ²	20.85	117.89	2458
20	07-07-a-02	1st class brick work other than building upto 10 ft. height : Cement, sand mortar 1:3	M ³	23.25	17,089.94	397341
21	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	M ²	30.51	483.05	14738
22	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	0.45	324,224.31	145901
23	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	19.55	17,793.23	347858
24	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	115.25	742.76	85603
25	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	90.57	3,073.28	278347
26	06-46-a	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	26.26	724.61	19028
27	06-46-b	Erection and removal of Form work with Wood Surface Finshing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	54.12	750.75	40631
28	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	21.12	9,438.66	199344
29	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	22.10	12,859.69	284199
30	06-03-f	Cement Concrete (brick/stone ballast, 1.5" to 2"/nullah shingle well graded and cleaned) in foundation & plinth (Ratio 1:7:20)	M ³	25.88	7,568.55	195874
31	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	31.10	11,471.96	356778
32	03-28-a	Mixing & moistening of earthwork to OMC in layers for compaction etc complete	M ³	65.00	41.15	2675
33	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	65.00	381	24765

34	03-21-a	Dressing & levelling earth to designed sections Ashes, sand, silt or soft soil upto cut or fill 6 inches	M ³	65.00	14.07	915
35	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	65.00	447.55	29091
36	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m	M ³	904.66	107.26	97034
37	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
38	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
39	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
40	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
41	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
42	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
43	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
44	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
45	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
46	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
47	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
48	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
49	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
50	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
51	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	904.66	7.47	6758
52	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	904.66	312.16	282399
53	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	904.66	48.36	43749
54	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	904.66	48.36	43749

55	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	904.66	48.36	43749
56	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	904.66	48.36	43749
57	03-20-b	Transportation of earth all types for every 100 m extra lead beyond 500 m upto 1.5 KM.	M ³	904.66	48.36	43749
58	03-30	Extra for wet earthwork	M ³	91.50	153.88	14080
59	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil	M ³	45.55	333.10	15173
60	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	55.00	137.29	7551
61	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	75.57	395.7	29903
62	16-74-a	Bailing out standing water by Mechanical mean.	M ³	104.43	52.48	5480
63	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc.complete:- 12" i/d, wall thickness 2"	M	8.00	2,285.90	18287
64	23-02-a	Providing and laying non-reinforced concrete pipe moulded with cement concrete 1:1-1/2:3conforming to ASTM Specification C-14-73,Class-2, including carriage of pipe from factory to site of work, lowering in trenches to correctalignment and grade, jointing, cutting pipe where necessary, finishing and testing, etc. complete:-4"internal diameter	M	8.00	1,056.50	8452
Total Amount In Rs.						4000000
Total Amount In Million.						4.000

Note:- Any other item of work crop out during execution will be paid on MRS-2024 1st bi Annaul.
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.9

Name of Work:- **AM&R to Irrigation and Flood Control Works in Drainage Sub Division (Head Section)
During 2025-26**

Estimated Cost :-Rs.

10.00 Million

Time Limit:-

As Per WorkOrder

S.#	MRS 2024 (1st Bi Annual)	Description.	Unit	Qty:	Rate.	Amount
1	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m.	M ³	17098.93	107.26	1834031
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	M ³	160.30	333.10	53396
3	03-30.	Extra for wet earthwork	M ³	160.30	153.88	24667
4	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	84.95	447.55	38019
5	03-21-b	Dressing & leveling earth to designed sections Ordinary or hard soil up to cut or fill 6 inches	M ³	84.95	27.26	2316
6	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	84.95	381.00	32366
7	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
8	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
9	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
10	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
11	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
12	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598

15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
21	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	3426.71	312.16	1069682
22	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
23	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
24	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
25	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
26	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
27	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
28	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
29	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
30	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
31	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
32	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
33	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672

34	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
35	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
36	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
37	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
38	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
39	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	25.23	11471.96	289438
40	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	25.50	12859.69	327922
41	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	70.50	9438.66	665426
42	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	195.00	750.75	146396
43	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	18.00	724.61	13043
44	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	6.15	17793.23	109428
45	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	0.45	324224.31	145901
46	19-15-a	Supply & dump at site, without boat, including handling within 100m : Stone.	M ³	47.75	2,677.58	127854
47	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	76.45	3073.28	234952
48	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	330.00	742.76	245111
49	19-28-a	Providing and Laying stone pitching for top layer only : On slope	M ³	65.00	5675.24	368891
50	19-31-a	Grouting stone pitching or apron etc: in cement sand mortar 1:3	M ²	175.00	1601.58	280277
51	16-04-a	Granular Sub Base Course using Pit Run Gravel.	M ³	50.00	2442.84	122142

52	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	2000.00	137.29	274580
53	16-74-a	Bailing out standing water by Mechanical mean.	M ³	6100.00	52.48	320128
54	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	144.27	395.70	57088
55	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 12" i/d, wall thickness 2".	M	7.50	2285.90	17144
56	23-03-a-03	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 18" i/d, wall thickness 2.5".	M	7.50	3418.70	25640
57	23-03-a-05	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 24" i/d, wall thickness 3".	M	7.50	4525.06	33938
58	23-03-a-09	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 36" i/d, Wall thickness 4.1"	M	7.50	9332.78	69996
Total Amount In Rs.						10000000
Total Amount In Million.						10.00

Note:- Any other item of work crop out during execution will be paid on MRS-2024 (1st Bi Annual).
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.10

Name of Work:- **AM&R to Irrigation and Flood Control Works in Drainage Sub Division (Shabqadar Section) During 2025-26.**

Estimated Cost :-Rs.

10.00 Million

Time Limit:-

As Per Work Order

S.#	MRS 2024 (1st Bi Annual)	Description.	Unit	Qty:	Rate.	Amount
1	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m.	M ³	17107.70	107.26	1834972
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	M ³	160.30	333.10	53396
3	03-30.	Extra for wet earthwork	M ³	160.30	153.88	24667
4	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	84.95	447.55	38019
5	03-21-b	Dressing & leveling earth to designed sections Ordinary or hard soil up to cut or fill 6 inches	M ³	84.95	27.26	2316
6	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	84.95	381.00	32366
7	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
8	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
9	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
10	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
11	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
12	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598

14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3426.71	7.47	25598
21	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	3426.71	312.16	1069682
22	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
23	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
24	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
25	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
26	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
27	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
28	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
29	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
30	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
31	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3426.71	48.36	165716
32	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672

33	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
34	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
35	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
36	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
37	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
38	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3426.71	43.97	150672
39	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	25.23	11471.96	289438
40	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	25.50	12859.69	327922
41	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	70.50	9438.66	665426
42	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	195.00	750.75	146396
43	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	18.00	724.61	13043
44	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	6.15	17793.23	109428
45	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete Hot rolled deformed bars Grade 40)	Tonne	0.45	324224.31	145901
46	19-15-a	Supply & dump at site, without boat, including handling within 100m : Stone.	M ³	47.75	2,677.58	127854
47	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	76.45	3073.28	234952
48	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	330.00	742.76	245111
49	19-28-a	Providing and Laying stone pitching for top layer only : On slope	M ³	65.00	5675.24	368891
50	19-31-a	Grouting stone pitching or apron etc: in cement sand mortar 1:3	M ²	175.00	1601.58	280277
51	16-04-a	Granular Sub Base Course using Pit Run Gravel.	M ³	50.00	2442.84	122142

52	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	2000.00	137.29	274580
53	16-74-a	Bailing out standing water by Mechanical mean.	M ³	6100.00	52.48	320128
54	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	144.27	395.70	57088
55	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 12" i/d, wall thickness 2".	M	7.50	2285.90	17144
56	23-03-a-03	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 18" i/d, wall thickness 2.5".	M	7.50	3418.70	25640
57	23-03-a-05	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 24" i/d, wall thickness 3".	M	7.50	4525.06	33938
58	23-03-a-09	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 36" i/d, Wall thickness 4.1"	M	7.40	9332.78	69063
Total Amount In Rs.						10000008
Total Amount In Million.						10.00

Note:- Any other item of work crop out during execution will be paid on MRS-2024 (1st Bi Annual).
The Quantities are liable to be increased or decreased during execution.

BILL OF QUANTITY

Work No.11

Name of Work:- **AM&R to Irrigation and Flood Control Works in Drainage Sub Division (Pabbi Section)
During 2025-26**

Estimated Cost :-Rs.

12.00 Million

Time Limit:-

As Per Work Order

S.#	MRS 2024 (1st Bi Annual)	Description.	Unit	Qty:	Rate.	Amount
1	03-02-b	Earth excavation in ashes, sand, shingle & soft soil or silt clearance by mechanical means undressed lead upto 15m.	M ³	60034.00	107.26	6439247
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	M ³	162.30	333.1	54062
3	03-30.	Extra for wet earthwork	M ³	162.30	153.88	24975
4	03-05-a	Borrowpit excavation undressed lead upto 30m in Ordinary soil	M ³	90.95	447.55	40705
5	03-21-b	Dressing & leveling earth to designed sections Ordinary or hard soil up to cut or fill 6 inches	M ³	90.95	27.26	2479
6	03-29-c	Compaction of earth with power road roller 85% max. mod. AASHTO dry density	M ³	90.95	381.00	34652
7	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	5.98	21229
8	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
9	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
10	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
11	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
12	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
13	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
14	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519

15	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
16	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
17	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
18	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
19	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
20	03-19-a	Extra for every 15 m extra lead or part thereof for earthwork soft, ordinary, hard & very hard	M ³	3550.00	7.47	26519
21	03-20-a	Transportation of earth all types beyond 250 m and upto 500 m	M ³	3550.00	312.16	1108168
22	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
23	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
24	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
25	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
26	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
27	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
28	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
29	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
30	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
31	03-20-b	Transportation of earth all types for every 100m extra lead beyond 500m upto 1.5 km.	M ³	3550.00	48.36	171678
32	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3550.00	43.97	156094
33	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3550.00	43.97	156094

34	03-20-c	Transportation of earth all types for every 500m extra lead beyond 1.5 km. upto 8 km	M ³	3550.00	43.97	156094
39	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	M ³	14.23	11471.96	163246
40	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	M ³	12.50	12859.69	160746
41	06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	M ³	16.59	9438.66	156587
42	06-46-b	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Vertical	M ²	125.41	750.75	94152
43	06-46-a	Erection and removal of Form work with Wood Surface Finishing for RCC or Plain cement Concrete in any shape - Position / Horizontal	M ²	18.23	724.61	13210
44	06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast. (1:2:4)	M ³	6.15	17793.23	109428
45	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	Tonne	0.20	324224.31	64845
46	19-15-a	Supply & dump at site, without boat, including handling within 100m : Stone.	M ³	37.75	2,677.58	101079
47	19-26	Supplying stone and stone filling in GI wire crate and its sewing, excluding cost of crates	M ³	56.45	3073.28	173487
48	19-13-a-03	Provide & weave GI wire netting for wire crates 6"x9" mesh : 8 SWG wire	M ²	220.00	742.76	163407
51	16-04-a	Granular Sub Base Course using Pit Run Gravel.	M ³	45.12	2442.84	110221
52	19-03-a	Supply & filling used synthetic fibre/plastic bags 1.25cft capacity with sand or earth, sewing & stacking : in dry	Each	945.39	137.29	129793
53	16-74-a	Bailing out standing water by Mechanical mean.	M ³	2082.98	52.48	109315
54	03-34-a	Filling and Compacting Soil, Earth and Boulders behind retaining walls (Available material)	M ³	144.27	395.70	57088
55	23-03-a-01	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 12" i/d, wall thickness 2".	M	7.50	2285.90	17144

56	23-03-a-03	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 18" i/d, wall thickness 2.5".	M	7.00	3418.70	23931
57	23-03-a-05	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 24" i/d, wall thickness 3".	M	7.00	4525.06	31675
58	23-03-a-09	Providing & laying R.C.C. pipe sewers, moulded with cement concrete 1:1-1/2:3 conforming to ASTM specification C-76-79, Class II, Wall B, including carriage, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc. complete:- 36" i/d, Wall thickness 4.1"	M	7.00	9332.78	65329
Total Amount In Rs.						12000000
Total Amount In Million.						12.00

Note:- Any other item of work crop out during execution will be paid on MRS-2024 (1st Bi Annual).
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***DRAWINGS**

As per PC-I/T. S and subsequent sanctions as per site requirement.