BIDDING DOCUMENT
Tender No: 08/2026-27

NATIONAL COMPETITIVE BIDDING

CIVIL & ALLIED WORKS AT PSC KHANEWAL, SAHIWAL, RAHIM YAR KHAN, PIPLAN & TOBA TEK SINGH

PUNJAB SEED CORPORATION
Head Office
4-Lytton Road, Lahore
Tel: 042 99212563 Fax: 042 99212570
www.psc.agripunjab.gov.pk

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NO.PSC/HQ-CC/CW/08/2026-27/

PUNJAB SEED CORPORATION
4-LYTTON ROAD, LAHORE
042-99212571-4

INVITATION FOR BIDS
National Competitive Bidding

PSC invites online bids for below mentioned civil works from construction contractors, firms, companies, and builders duly registered with Pakistan Engineering Council (PEC) and Communication & Works Department (C&W) Government of the Punjab in relevant category.

Lot No.	DESCRIPTION	Completion Period (after commencement date)	ESTIMATED COST (RS in Million)	2% BID SECURITY (RS.)	Min. PEC Registration Category
PSC PLANT KHANEWAL					
1	PAINT WORK OF INTAKE SHED & KACHRA SHED OUTSIDE OF MAIN STORE AT PSC PLANT KHANEWAL	**2.00 Months**	1.382	27,640	C-6 or higher
2	WATER PROOFING TREATMENT OF MAIN STORE AT PSC PLANT KHANEWAL	**2.00 Months**	2.402	48,040	C-6 or higher
3	REPAIR & MAINTENANCE / IMPROVEMENT OF OFFICE BLOCK AT PSC PLANT KHANEWAL	**2.00 Months**	1.649	32,980	C-6 or higher
PSC FARMS KHANEWAL					
4	CONSTRUCTION OF 5 NO. CULVERTS (PULIYAAN) AT 81-82 & 86-87/10-R, PSC FARMS KHANEWAL	**1.00 Month**	1.713	34,260	C-6 or higher
5	CONSTRUCTION OF TRACTOR SHED OF WORKSHOP AT PSC FARMS 86-87/10-R COLONY KHANEWAL	**2.00 Months**	4.125	82,500	C-6 or higher
6	CONSTRUCTION OF TURBINE ROOM, WATER COURSE AND WATER TANK/KHAADA (SQ. NO.27/86) PSC FARMS 86-87/10-R KHANEWAL	**4.00 Months**	2.592	51,840	C-6 or higher
7	CONSTRUCTION OF BOUNDARY WALL SQ. NO. 32/86 & 34/86 PSC FARMS 86-87/10-R KHANEWAL	**3.00 Months**	5.928	1,18,560	C-6 or higher

8	CONSTRUCTION OF BOUNDARY WALL 9" THICK & 1500 FT LENGTH BACKSIDE OF PSC 81-82/10-R FARMS COLONY KHANEWAL	**3.50 Months**	11.020	2,20,400	C-6 or higher
PSC PLANT SAHIWAL					
9	WATER PROOFING TREATMENT OF 04 NOS. STORES AT PSC PLANT SAHIWAL	**4.00 Months**	29.217	5,84,340	C-5 or higher
10	CEMENT PLASTER OF WALLS OF 02 NOS. PRE-STORES, ROOF KACHRA, TECHNICAL, PESTICIDE AND MACHINERY STORE ROOM AT PSC PLANT SAHIWAL	**2.00 Months**	1.470	29,400	C-6 or higher
11	FIRE HYDRANT PIPE LINE AT PSC PLANT SAHIWAL	**3.00 Months**	5.043	1,00,860	C-6 or higher
12	REPAIR & MAINTENANCE OF RESIDENCES OF OFFICERS/OFFICIALS AT PSC PLANT COLONY SAHIWAL	**4.00 Months**	10.522	2,10,440	C-6 or higher
PSC FARMS SAHIWAL					
13	REPAIR & MAINTENANCE OF PLATFORM AT PSC FARM WORKSHOP SAHIWAL	**2.00 Months**	3.071	61,420	C-6 or higher
14	RE-CONSTRUCTION OF TILTED BOUNDARY WALL AT COLONY (219 RFT) PSC FARM COLONY SAHIWAL	**3.00 Months**	1.153	23,060	C-6 or higher
15	CONSTRUCTION OF BOUNDARY WALL AGAINST KACHI ABADI CHAK NO.92/9-L, PSC FARMS (401-FT LENGTH) SAHIWAL	**4.00 Months**	3.004	60,080	C-6 or higher
16	REPAIR & MAINTENANCE OF RESIDENCES OF OFFICERS/OFFICIALS AT PSC FARM COLONY SAHIWAL	**3.50 Months**	7.374	1,47,480	C-6 or higher
PSC PLANT RAHIM YAR KHAN					
17	CONSTRUCTION OF SEWERAGE LINE OF OFFICE BLOCK AT PSC PLANT RAHIM YAR KHAN	**2.00 Months**	1.124	22,480	C-6 or higher
PSC PLANT PIPLAN					

18	CONSTRUCTION OF STORES ALONGWITH 2 SIDES VERANDAH AT PSC PLANT PIPLAN DISTRICT MIANWALI	**5.00 Months**	12.597	2,51,940	C-6 or higher
PSC FARMS TOBA TEK SINGH					
19	CONSTRUCTION OF PRE-CAST BOUNDARY WALL AND ELECTRIC INSTALLATION AT PSC FARM TOBA TEK SINGH	**2.00 Months**	2.128	42,560	C-6 or higher
20	CONSTRUCTION OF FARM OFFICE AND 1 NO. STORE AT PSC FARMS TOBA TEK SINGH	**01.50 Months**	7.042	1,40,840	C-6 or higher
21	CONSTRUCTION OF SEWERAGE LINE (CULVERTS, CHAMBER & HUDDIES), TURBINE SURFACE WATER TANK AND WATER COURSE AT PSC FARM TOBA TEK SINGH	**1.00 Month**	1.312	26,230	C-6 or higher
22	EXTERNAL DEVELOPMENT (SOLING) AT PSC FARMS TOBA TEK SINGH	**1.00 Month**	0.370	7400	C-6 or higher

1. Bidding shall be conducted through Open Competitive Bidding **Single Stage Two Envelope** procedure as specified in the Punjab Procurement Rules-2014 (as amended to date) and is open to all eligible bidders as defined in the bidding document.

2. The bidder must submit their proposals on or before **November 12th, 2026 at 11:00 AM only through Punjab E-procurement System (www.ep.punjab.gov.pk).**

3. By hand submission of bids shall not be allowed in accordance with PPRA Rules regarding E-procurement.
4. Pre-bid meeting shall be held at 03.11.2026 at 11:00AM at Committee Room, PSC HQ Lahore.
5. Bids will be opened on the same day i.e. **November 12th, 2026 at 11:30 AM** on Punjab E-Procurement System and the date & time of bids opening shall be updated on portal.
6. The Bid Security as mentioned above must be deposited online only while submitting bids on Punjab e-Procurement System. Manual submission of bid security shall not be allowed.
7. The Financial bid shall be inclusive of all applicable taxes.
8. The bidders are required to give their **best and final prices** (inclusive of all applicable Taxes) as no negotiations are allowed.

9. Bids not complying with the requirements shall be rejected being nonresponsive. Alternate proposals and/or conditional bids shall be considered non-responsive.

10. Taxes will be deducted as per applicable government rules. NTN and Sales Tax registration certificates must be provided with the Bid.

11. The Works are divided into 22 lots. Bidders may submit bids for one or more lots. Each lot shall be evaluated and awarded separately to the lowest evaluated substantially responsive bidder. For each lot, the bidder shall quote for the **complete scope of work**, including all items specified in the relevant BOQ. **Partial bids or omission of any BOQ item within a lot shall not be considered.**
12. The URL of the website of the PPRA is https://ep.punjab.gov.pk and response time shall be calculated exclusively from the date of publication of the advertisement on the website of the PPRA.

13. This advertisement and bidding documents are also available on http://www.psc.gop.pk, https://www.ppra.punjab.gov.pk, and https://www.ep.punjab.gov.pk, and the bidding document shall be free of cost.

14. For obtaining any further information or clarifications, please contact the person named below: -

Assistant Director Purchase
Punjab Seed Corporation, 4- Lytton Road Lahore
042-99212563

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INSTRUCTIONS TO BIDDERS

A. GENERAL

IB.1 Scope of Bid & Source of Funds

1.1 Scope of Bid

The Employer as defined in the Bidding Data (hereinafter called "the Employer") wishes to receive Bids for the Works summarized in the Bidding Data (hereinafter referred to as "the Works").

Bidders must quote for the complete scope of work. Any Bid covering partial scope of work will be rejected as non-responsive.

1.2 Source of Funds

The Employer has arranged funds from its own sources.

IB.2 Eligible Bidders

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

a) **Duly licensed by the Pakistan Engineering Council (PEC) in the appropriate category for value of Works, as mentioned in invitation to bids.**

b) **Duly registered with Communication and Works Department (C&W) Government of the Punjab in the relevant category.**

IB.3 Cost of Bidding

3.1 The bidder shall bear all costs associated with the preparation and submission of its bid and the Employer 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 Bids, 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
   Schedules to Bid comprise the following:
   (i) Schedule A: Schedule of Prices/BOQs
   (ii) Schedule B: Specific Works Data
   (iii) Schedule C: Proposed Programme of Works
   (iv) Schedule D: Method of Performing Works
   (v) Schedule E: Integrity Pact
3. Conditions of Contract & Contract Data
4. Standard Forms:

(i) Form of Bid Security
(ii) Form of Performance Security
(iii)Form of Contract Agreement

5. Specifications

6. Drawings (shall be provided on demand)

IB.5 Clarification of Bidding Documents

5.1 A prospective bidder requiring any clarification(s) in respect of the Bidding Documents may notify the Engineer/Employer at the Employer's/Engineer's address indicated in the Bidding Data.

5.2 The Engineer/Employer will respond to any request for clarification which it receives earlier than ten (10) days prior to the deadline for the submission of Bids. Copies of the Engineer/Employer's response will be forwarded to all prospective bidders, at least five (5) days prior to dead line for submission of Bids, who have received the Bidding Documents including a description of the enquiry but without identifying its source.

IB.6 Amendment of Bidding Documents

6.1 At any time prior to the deadline for submission of Bids, the Employer 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 in writing to all purchasers of the Bidding Documents. Prospective bidders shall acknowledge receipt of each addendum in writing to the Employer.

6.3 To afford prospective bidders reasonable time in which to take an addendum into account in preparing their Bids, the Employer 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 Employer 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 shall comprise the following components:

(a) Schedules (A to F) to Bid duly filled and initialed, in accordance with the instructions contained therein & in accordance with Sub-Clause IB14.3.

(b) Bid Security furnished in accordance with Clause IB.13.
(c) Power of Attorney in accordance with Sub-Clause IB 14.5.
(d) Documentary evidence in accordance with Clause IB.11
(e) Documentary evidence in accordance with Clause IB.12.

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 Schedule of Prices, 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 Works.

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 Schedule of Prices (Schedule A to Bid) indicating the unit rates and prices of the Works to be performed under the Contract. Prices in the Schedule of Prices shall be entered keeping in view the instructions contained in the Preamble to Schedule of Prices.

10.2 Unless otherwise stipulated in the Conditions of Contract, prices quoted by the bidder shall remain fixed during the bidder's performance of the Contract and not subject to variation on any account.

10.3 The unit rates and prices in the Schedule of Prices shall be quoted by the bidder in the currency as stipulated in Bidding Data.

IB.11 Documents Establishing Bidder's Eligibility and Qualifications

11.1 Pursuant to Clause 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 must possess and provide evidence of its capability and the experience as stipulated in Bidding Data and the Qualification Criteria stipulated in the Bidding Documents.

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 Employer in the Technical Provisions are intended to be descriptive only and not restrictive.

IB.13 Bid Security

13.1 Each bidder shall furnish, as part of his bid, a Bid Security in the amount stipulated in Bidding Data in Pak. Rupees online while submitting his bid. Manual submission of bid security shall not be allowed. The bid security shall be valid for a period up to sixty days (60) beyond bid validity date.

13.2 Any bid not accompanied by an acceptable Bid Security shall be rejected by the Employer as non-responsive.

13.3 The bid securities of unsuccessful bidders will be returned upon award of contract to the successful bidder or on the expiry of validity of Bid Security whichever is earlier.

13.4 The Bid Security of the successful bidder will be returned when the bidder has furnished the required Performance Security, pursuant to Clause IB.21 and signed the Contract Agreement, pursuant to Sub-Clauses IB.20.2 & 20.3.

13.5 The Bid Security may be forfeited:

(a) if a bidder withdraws his bid during the period of bid validity; or

(b) if a bidder does not accept the correction of his Bid Price, pursuant to Sub-Clause 16.4 (b) hereof; or

(c) 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.

IB.14 Validity of Bids, Format, Signing and Submission of Bid

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

14.2 All Schedules to Bid are to be properly completed and signed.

14.3 No alteration is to be made in the Form of Bid except in filling up the blanks as directed. If any alteration be made or if these instructions be not fully complied with, the bid may be rejected.

14.4 Each bidder shall prepare original bid as appropriate and shall upload on Punjab e-Procurement System.

14.5 The bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign (in the case of copies, Photostats are also acceptable). This shall be indicated by submitting a written Power of Attorney authorizing the signatory of the bidder to act for and on behalf of the bidder. All pages of the bid shall be initialed and official seal be affixed by the person or persons signing the bid.

14.6 The Bid shall be submitted online only and manual submission shall result in rejection of bid.

D. SUBMISSION OF BID

IB.15 Deadline for Submission, Modification & Withdrawal of Bids

15.1 Bids must be received by the Employer only on Punjab e-Procurement System (www.ep.punjab.gov.pk) not later than the time and date stipulated therein.

15.2 Bids submitted manually or by hand or courier shall not be considered.

15.3 Any bid received by the Employer 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 but before 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 Employer will open the bids, in the presence of bidders' representatives who choose to attend, at the time, date and location stipulated in the Bidding Data.

16.2 The bidder's name, Bid Prices, any discount, the presence or absence of Bid Security, and such other details as the Employer at its discretion may consider appropriate, will be announced by the Employer at the bid opening. The Employer will record the minutes of the bid opening. Representatives of the bidders who choose to attend shall sign the attendance sheet.

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

16.3 To assist in the examination, evaluation and comparison of Bids the Employer may, at its discretion, ask 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 (a) Prior to the detailed evaluation, pursuant to Sub-Clauses IB.16.7 to 16.9, the Engineer/Employer 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.

(b) Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a discrepancy between the Total Bid price entered in Form of Bid and the total shown in Schedule of Prices-Summary, the amount stated in the Form of Bid will be corrected by the Employer in accordance with the Corrected Schedule of Prices.

If the bidder does not accept the corrected amount of Bid, his Bid will be rejected and his Bid Security shall be forfeited.

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 Employer, provided such waiver does not prejudice or affect the relative ranking of any other bidders.

16.7 The Engineer/Employer will evaluate and compare only the bids previously determined to be substantially responsive pursuant to Sub-Clauses IB.16.4 to 16.6 as per requirements given hereunder. Bids will be evaluated for complete scope of works, separately for each lot. The prices will be compared based on the Evaluated Bid Price pursuant to Sub-Clause 16.8 herein below.

(a) Technical Evaluation

It will be examined in detail whether the Works offered by the bidder complies with the Technical Provisions of the Bidding Documents. For this purpose, the bidder's data submitted with the bid in Schedule B to Bid will be compared with technical features/criteria of the Works detailed in the Technical Provisions. Other technical information submitted with the bid regarding the Scope of Work will also be reviewed.

(b) Commercial Evaluation

It will be examined in detail whether the bids comply with the commercial/contractual conditions of the Bidding Documents. It is expected that no material deviation/stipulation shall be taken by the bidders.

16.8 Evaluated Bid Price

In evaluating the bids, the Engineer/Employer will determine for each bid in addition to the Bid Price, the following factors (adjustments) in the manner and to the extent indicated below to determine the Evaluated Bid Price:

(i) making any correction for arithmetic errors pursuant to Sub-Clause 16.4 hereof.

(iv) discount, if any, offered by the bidders as also read out and recorded at the time of bid opening.

16.9 Evaluation Methods

Pursuant to Sub-Clause 16.8, Para (ii), and (iii) following evaluation methods for price adjustments will be followed:

(i) Price Adjustment for Technical Compliance

Material technical deviations shall not be subject to price adjustment and shall render the bid non-responsive.

IB.17 Process to be Confidential

17.1 Subject to Sub-Clause IB.16.3 heretofore, no bidder shall contact Engineer/Employer 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 Employer. The evaluation result shall be announced at least ten (10) days prior to award of Contract. The announcement to all bidders will include table(s) comprising read out prices, discounted prices, price adjustments made, final evaluated prices and recommendations against all the bids evaluated.

17.2 Any effort by a bidder to influence Engineer/Employer 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 ten (10) 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

18.1 The Employer, at any stage of the bid evaluation, having credible reasons for or *prima facie* evidence of any defect in contractor's capacities, may require the 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 therefor in writing. They shall form part of the records of that bid evaluation report.

18.2 The determination will consider 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 & Employer's Right

19.1 Subject to Sub-Clause IB.19.2, the Employer 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 satisfactory perform the Contract in accordance with the provisions of Clause IB.18. The contract shall be awarded individually to the lowest evaluated and responsive bidder, separately for each lot.

19.2 Notwithstanding Sub-Clause IB.19.1, the Employer 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, without thereby incurring any liability to the affected bidders or any obligation to inform the affected bidders of the grounds for the Employer'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 Employer, the Employer will notify the successful bidder in writing ("Letter of Acceptance") that his bid has been accepted.

20.2 Within seven (7) days from the date of furnishing of acceptable Performance Security under the Conditions of Contract, the Employer 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 Employer and the successful bidder shall be executed within seven (7) days of the receipt of Form of Contract Agreement by the successful bidder from the Employer.

IB.21 Performance Security

21.1 The successful bidder shall furnish to the Employer **ten (10)** % of the contract amount as Performance Security in the form and the amount stipulated in the Conditions of Contract within a period of seven **(07)** 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-E to Bid in the Bidding Document for Failure to provide such Integrity Pact shall make the bid non-responsive.

BIDDING DATA

Instructions to Bidders
Clause Reference

1. **Name of Employer**

Punjab Seed Corporation

2. **Brief Description of Works**

CIVIL & ALLIED WORKS AT PSC KHANEWAL, SAHIWAL, RAHIM YAR KHAN, PIPLAN & TOBA TEK SINGH

3. **Employer's address:**

Punjab Seed Corporation, 4-Lytton Road, Lahore
Tel: 042 99212563 Fax: 042 9921263
www.psc.gop.pk

4. Bid shall be quoted entirely in Pak. Rupees. The payment shall be made in Pak. Rupees.

5. **Amount of Bid Security**

As referred in invitation for bid i.e. 2% of the estimated cost.

6. Period of Bid Validity
Sixty days (60)

7. **Number of Copies of the Bid to be submitted**
One bid to be submitted online only

8. **Employer's Address for the Purpose of Bid Submission**

Bids shall be submitted online on Punjab E-Procurement System (www.ep.punjab.gov.pk)

9. **Deadline for Submission of Bids**

November 12th 2026 on 11:00 AM

10. **Venue, Time, and Date of Bid Opening**

Bids shall be opened electronically through the Punjab E-Procurement System at 11:30 AM. Bidders/representatives may attend the opening at the Committee RoomPunjab Seed Corporation, Head Office 4 Lytton Road, Lahore
Time: 11:30 AM
Date: 12.11.2026

11. **Responsiveness of Bids**

(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.
(v) the Bid does not deviate from basic technical requirements and
(vi) the Bids are generally in order, etc.



FORM OF BID
(LETTER OF OFFER)

Bid Reference No. _____
_____
_____
(Name of Works)

To:

_____
_____
_____

Sir,

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 favor or made payable to you and valid for a period of sixty (60) 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.

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.
10. We have examined the complete bidding documents and addenda; accept the qualification and evaluation methodology; certify that all information is true; confirm that we are not debarred/blacklisted by PSC; confirm that we will not subcontract or assign any execution obligation; and, if awarded, undertake to furnish performance security and execute the Contract within the stated time. We understand that PSC may reject all bids in accordance with the Punjab Procurement Rules but shall evaluate and award in accordance with the published criteria.

Dated this_____day of _____, 2026

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:_____

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: Proposed Programme of Works
- Schedule D to Bid: Method of Performing Works
- Schedule E to Bid: Integrity Pact

SCHEDULE – A TO BID

SCHEDULE OF PRICES/BOQ

Sr. No.		**Page No.**
1.	Preamble to Schedule of Prices	23
2.	Schedule of Prices	26

PREAMBLE TO SCHEDULE OF PRICES

1. General

1.1 The Schedule of Prices shall be read in conjunction with the Conditions of Contract, Contract Data together with the Specifications and Drawings, if any.

1.2 The Contract shall be for the whole of the Works as described in these Bidding Documents. Bids must be for the complete scope of works.

2. Description

2.1 The general directions and descriptions of works and materials are not necessarily repeated nor summarized in the Schedule of Prices. References to the relevant sections of the Bidding Documents shall be made before entering prices against each item in the Schedule of Prices.

3. Units & Abbreviations

3.1 Units of measurement, symbols and abbreviations expressed in the Bidding Documents shall comply with the System International d' Unites (SI Units).

_____

_____

4. Rates and Prices

4.1 Except as otherwise expressly provided under the Conditions of Contract, the rates and amounts entered in the Schedule of Prices shall be the rates at which the Contractor shall be paid and shall be the full inclusive value of the works set forth or implied in the Contract; except for the amounts reimbursable, if any to the Contractor under the Contract.

4.2 Unless otherwise stipulated in the Contract Data, the rates and prices entered by the bidder shall not be subject to adjustment during the performance of the Contract.

4.3 **All duties, taxes and other levies payable by the Contractor shall be included in the rates and prices.**
The Bidder shall quote a specific unit rate and total amount, in Pakistani Rupees and in figures, against every item contained in all

Bills of Quantities (BOQs). The rates shall not be quoted as a percentage above, below or at par with the estimated cost, schedule of rates or any other benchmark. A bid containing an unquoted BOQ item, a percentage-based offer, or a conditional rate shall be treated as non-responsive. The quoted rates and amounts shall include all costs, taxes, duties, levies and other expenses necessary for the complete execution of the Works, unless expressly stated otherwise in the Bidding Documents.

4.4 The whole cost of complying with the provisions of the Contract shall be included in the items provided in the Schedule of Prices, and where no items are provided, the cost shall be deemed to be distributed among the rates and prices entered for the related items of the Works and no separate payment will be made for those items.

The rates, prices and amounts shall be entered against each item in the Schedule of Prices. Any item against which no rate or price is entered by the bidder will not be paid for by the Employer when executed and shall be deemed covered by the rates and prices for other items in the Schedule of Prices.

4.5 (a) The bidder shall be deemed to have obtained all information as to and all requirements related thereto which may affect the bid price.

*(b) The Contractor shall be responsible to make complete arrangements for the transportation of the Plant to the Site.

4.6 The Contractor shall provide for all parts of the Works to be completed in every respect. Notwithstanding that any details, accessories, etc. required for the complete installation and satisfactory operation of the Works, are not specifically mentioned in the Specifications, such details shall be considered as included in the Contract Price.

5. Bid Prices

5.1 Break-up of Bid Prices

The various elements of Bid Prices shall be quoted as detailed by the Employer in the format of Schedule of Prices.

The bidder shall recognize such elements of the costs which he expects to incur the performance of the Works and shall include all such costs in the rates and amounts entered in the Schedule of Prices.

5.2 Total Bid Price

The total of bid prices in the Schedule of Prices shall be entered in the Summary of Bid Prices.

6. Provisional Sums

6.1 Provisional Sums included and so designated in the Schedule of Prices if any, shall be expended in whole or in part at the direction and discretion of the Engineer/Employer. The Contractor will only receive payment in respect of Provisional Sums if he has been instructed by the Engineer/Employer to utilize such sums.

SCHEDULE OF PRICES – SUMMARY OF BID PRICES
(All prices are to be quoted in figures and against all items in BOQs. Quoting prices in percentage or only total amount without BOQ detail shall not be accepted).

S. No	DESCRIPTION	Total Amount (Rs)
PSC PLANT KHANEWAL		
1	PAINT WORK OF INTAKE SHED & KACHRA SHED OUTSIDE OF MAIN STORE AT PSC PLANT KHANEWAL	
2	WATER PROOFING TREATMENT OF MAIN STORE AT PSC PLANT KHANEWAL	
3	REPAIR & MAINTENANCE / IMPROVEMENT OF OFFICE BLOCK AT PSC PLANT KHANEWAL	
PSC FARMS KHANEWAL		
4	CONSTRUCTION OF 5 NO. CULVERTS (PULIYAAN) AT 81-82 & 86-87/10-R, PSC FARMS KHANEWAL	
5	CONSTRUCTION OF TRACTOR SHED OF WORKSHOP AT PSC FARMS 86-87/10-R COLONY KHANEWAL	
6	CONSTRUCTION OF TURBINE ROOM, WATER COURSE AND WATER TANK/KHAADA AT (SQ. NO.27/86) PSC FARMS 86-87/10-R KHANEWAL	
7	CONSTRUCTION OF BOUNDARY WALL SQ. NO. 32/86 & 34/86 PSC FARMS 86-87/10-R KHANEWAL	
8	CONSTRUCTION OF BOUNDARY WALL 9" THICK & 1500 FT LENGTH BACKSIDE OF PSC 81-82/10-R FARMS COLONY KHANEWAL	
PSC PLANT SAHIWAL		
9	WATER PROOFING TREATMENT OF 04 NOS. STORES AT PSC PLANT SAHIWAL	
10	CEMENT PLASTER OF WALLS OF 02 NOS. PRE-STORES, ROOF KACHRA, TECHNICAL, PESTICIDE AND MACHINERY STORE ROOM AT PSC PLANT SAHIWAL	
11	FIRE HYDRANT PIPE LINE AT PSC PLANT SAHIWAL	
12	REPAIR & MAINTENANCE OF RESIDENCES OF OFFICERS/OFFICIALS AT PSC PLANT COLONY SAHIWAL	
PSC FARMS SAHIWAL		

13	REPAIR & MAINTENANCE OF PLATFORM AT PSC FARM WORKSHOP SAHIWAL	
14	RE-CONSTRUCTION OF TILTED BOUNDARY WALL AT COLONY (219 RFT) PSC FARM COLONY SAHIWAL	
15	CONSTRUCTION OF BOUNDARY WALL AGAINST KACHI ABADI CHAK NO.92/9-L, PSC FARMS (401-FT LENGTH) SAHIWAL	
16	REPAIR & MAINTENANCE OF RESIDENCES OF OFFICERS/OFFICIALS AT PSC FARM COLONY SAHIWAL	
PSC PLANT RAHIM YAR KHAN		
17	CONSTRUCTION OF SEWERAGE LINE OF OFFICE BLOCK AT PSC PLANT RAHIM YAR KHAN	
PSC PLANT PIPLAN		
18	CONSTRUCTION OF STORES ALONGWITH 2 SIDES VERANDAH AT PSC PLANT PIPLAN DISTRICT MIANWALI	
PSC FARMS TOBA TEK SINGH		
19	CONSTRUCTION OF PRE-CAST BOUNDARY WALL AND ELECTRIC INSTALLATION AT PSC FARM TOBA TEK SINGH	
20	CONSTRUCTION OF FARM OFFICE AND 1 NO. STORE AT PSC FARMS TOBA TEK SINGH	
21	CONSTRUCTION OF SEWERAGE LINE (CULVERTS, CHAMBER & HUDDIES), TURBINE SURFACE WATER TANK AND WATER COURSE AT PSC FARM TOBA TEK SINGH	
22	EXTERNAL DEVELOPMENT (SOLING) AT PSC FARMS TOBA TEK SINGH	
Total Bid Price (The amount to be entered in Paragraph 1 of the Form of Bid) (In words). **INCLUSIVE OF ALL APPLICABLE TAXES**		

Total Amount (in words):

_____

_____

_____

PUNJAB SEED CORPORATION,KHANEWAL.

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF 5 NO. RCC CULVERTS AT SQ.NO.18/82 , SQ.NO.19/82 , SQ.NO.20/82 , SQ. NO. 19/86 & SQ. NO. 27/86 AT PSC FARM 81-82/10-R AND 86-87/10-R KHANEWAL.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) depth B) By Mechanical means i) Ordinary	496.00	%oCft		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	71	%Cft		
3	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 4: 8	47.00	%Cft		
4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:4	241.00	%Cft		
5	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	213	%Sft		
6	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)	96.00	Cft		
7	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	385.50	%Kg		

PUNJAB SEED CORPORATION,KHANEWAL.

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF BOUNDARY WALL SQ.32/86,34/86 AT PSC FARM 86-87/10-R KHANEWAL.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	8010.00	%oCft		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	990	%Cft		
3	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 4: 8	990.00	%Cft		
4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	3376.00	%Cft		
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	1125	%Sft		
6	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	6486	%Cft		
7	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:- b) ratio 1:3	16864	%Sft		
8	Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	16864	%Sft		
9	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5 mm), angle iron post 3¼ ft. (990 mm) long, 5 to 6 ft. (1500 to 1800 mm) centre to centre, embedded in cement concrete 1:4:8, base of size 9"x9"x12" (225x225x300 mm), and three rows of barbed wire, painting posts, etc	1000.00	%Rft		

PUNJAB SEED CORPORATION,KHANEWAL.

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR CONSTRUCTION OF TURBINE ROOM,WASH ROOM, WATER COURSE AND WATER TANK/KHAADA, (SQ. NO. 27/86) AT PSC FARM 86-87/10-R KHANEWAL.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	938.00	%oCft		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	102.96	%Cft		
3	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 4: 8	102.96	%Cft		
4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	349.00	%Cft		
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	117	%Sft		
6	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	766	%Cft		
7	Pacca brick work other than building above 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	80	%Cft		
8	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in	232.00	Cft		
9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	710.49	%Kg		
10	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	336.00	P.Sft		
11	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs.per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	672	%Sft		
12	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C roof slabs only, upto 20' height.a) 1:2	336.00	%Sft		
13	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	2430.00	%Sft		
14	Distempering using Vinyle Emulsion Paint:- a) new surface:- 2 coat	2430.00	%Sft		
15	Filling, watering and ramming earth under floors:- i) With surplus earth from foundation, etc.	625.33	%oCft		

16	Filling, watering and ramming earth under floors:- ii) With new earth excavated from outside,lead upto one chain (30 m). & Transportation of earth all types when the total distance, including the lead covered in the item of work, is more than 1000 ft. (300 m) a) Upto ¼ mile (400 m). b) For every 330 ft. (100 m) additional lead or part thereof,beyond ¼ mile (400 m) upto one mile. (1.6 Km.) c) For every ¼ mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km.) upto 5 mile (8 Km).	591.11	%oCft		
17	Supplying and filling sand under floor; or plugging in wells.	108.00	% Cft		
18	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (a) Ratio 1: 6: 12	168	%Cft		
19	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (i) 3"(75 mm) thick	336	%Sft		
20	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	336	P.Sft		
21	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	25	P.Sft		
22	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Inchargea) Deodar wood Door (i) 2" thick (50 mm)	25.00	P.Sft		
23	Providing and fixing 38mm (min) factory made Premium WPC Doors (waterproof, Termite-resistant, Fire retardant) of ESTA, Greendoors or approved equivalent with WPC door frame (chowkat) and WPC architrave on both sides, including the cost of polishing, with hinges, T-lock, tower bolt, handle & all hardware's accessories complete in all respect as per approved specifications and as approved by the Engineer incharge. i) WPC Door 5mm wall thickness	18.00	P.Sft		
24	Providing and fixing, approved quality mortice lock.	2.00	Each		
25	Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8" (40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8" (20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast, duly painted, complete in all respects, including all cost of material and labour, etc. as per approved design and as directed by the Engineer-in-charge:- b)fixed with wire gauze, 22 SWG i) glass pane 2 mm thick	16.00	P.Sft		
26	Khassi parnalas in cement, sand mortar 1:2, 12" (300mm) outside width finished smooth with a floating coat of neat cement.	22.5	Rft		
27	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	2.00	Each		
28	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	2	Each		
29	Preparing surface and Painting of doors and windows (any type) three coats	116	%Sft		
30	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to shuttering and timbering the trenches, dressed to designedprotect existing works,disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) depth B) By Mechanical means i) Ordinary	75.00	%oCft		
31	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	7.00	%Cft		
32	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 4: 8	11.00	%Cft		

33	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:4	28.00	%Cft		
34	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	11.00	Cft		
35	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (ii) (Grade-60)	33.64	%Kg		
36	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	48.00	%Sft		
37	Providing and fitting imported floor mounted Europeon coupled set of Water Closet (WC) and flushing Cistern of PORTA/ Marachi brand (full size) manufacturer i/c the cost of CP/rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.PORTA HD 173N Toilet	1.00	Each		
38	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.	1.00	Each		
39	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete. White	1.00	Each		
40	Providing and fixing chromium plated bib cock 1.5 cm (½")	3.00	Each		
41	Providing and fixing, floor trap of cast iron, including concrete chamber all round, and C.I. grating 10x7.5 cm (4"x3")	2.00	Each		
42	Providing and fitting "P" trap 10 cm (4") glazed.	4.00	Each		
43	Providing and fixing, waste pipe of PVC) 4 cm (1½")	10.00	Each		
44	Providing, fixing, testing and commissioning of UPVC (Unplasticized poly vinyl Chloride) Nikasi /waste pipe make of dadex / Popular / Beta /BB Jplain / socket end edconforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 110 mm	200.00	Per Rft		
45	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.4" dia	100.00	Rft		
46	Providing and fixing chromium plated stop-cock, heavy 2 cm (¾")	3.00	Each		
47	Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	500.00	P.gallon		
48	Boring for tubewell in all types of soil except shingle and rock, from ground level to specific depth, including sinking and withdrawing of casing pipe, complete Upto 0 to 100' depth 4" i/d	150.00	Rft		
49	Providing and installing P.V.C. Bail/End plug, in tubewell bore hole B.S.S. Class `D' 2" i/d	1.00	EACH		
50	Providing and installing, P.V.C. strainer B.S.S. in tubewell bore hole,including sockets and solvents, etc. complete) Class-D 2" i/d (50 mm)	30.00	Rft		
51	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole,including sockets and solvents and jointing with strainer,(PS-3051=BS-3505), etc. complete Class B 4" i/d (100 mm)	60.00	Rft		
52	Providing and installing P.V.C. blind pipe, B.S.S. in tubewell bore hole,including sockets and solvents and jointing with strainer,(PS-3051=BS-3505), etc. complete Class D 4" i/d 1¼" i/d (30 mm) 2" i/d (50 mm) 1" dia	 60.00 60.00 140.00	 Rft Rft Rft		
53	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and				

	directed by the Engineer Incharge. 3/4" dia 1" dia	 5.00 4.00	 EACH EACH		
54	P/F Ejector Pump of specified Suction and Delivery heads,coupled with Single Phase Seimen Electric Motor of required rating for water supply i/c the cost of connection charges, necessary wire, PVC pipes etc) G-II (1-1/4"x3/4") with 1 HP Electric Motor, 21-Mtr Suction and 21 M delivery head	1.00	EACH		
55	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/ Beta or approved equivalent manufacturer,with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078	80.00	Rft		
56	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to shuttering and timbering the trenches, dressed to designedprotect existing works,disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) depth B) By Mechanical means i) Ordinary	630.00	%oCft		
57	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	52.00	%Cft		
58	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 2:4	79.00	%Cft		
59	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:4	184.00	%Cft		
60	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	490.00	%Sft		
61	Earthwork excavation in open cutting for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to shuttering and timbering the trenches, dressed to designedprotect existing works,disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) depth B) By Mechanical means i) Ordinary	250.00	%oCft		
62	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	33.00	%Cft		
63	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 2:4	50.00	%Cft		
64	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:4	105.00	%Cft		
65	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	280.00	%Sft		
66	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. b) On Surface i/c clamps 20 mm i/d	125.00	P.Mtr		
67	S/E of single core PVC insulated copper conductor cable a) 250/440 volts, PVC insulated: 3/0.029” 7/0.029”	 45.00 80.00	 P.Mtr P.Mtr		
68	Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. iv) 20 x 25 cm (8"x10")	5.00	Each		
69	Supply and erection of switches 5 Amp.ii) piano type	12.00	Each		
70	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete. ii) single rod (40 watts) with one choke and one starter.	4.00	Each		
71	Supply and erection of girder clamp hook, 16 mm (5/8") with M.S. plate 25x6 mm (1"x¼"), with bolts and nuts for hanging &	2.00	Each		
72	Supply and erection of 3 pin switch and plug combined, recessed type. ii) 10/15 Amp	3.00	Each		

73	Supply and erection of iron/aluminum clad, 500 volts main switches with kitkat fuses, on angle iron board with 3 mm (1/8") thick M.S. sheet covering, including bonding to earth with necessary flexible pipe and thimbles, etc.a) double pole: or i) 15/20 Amp.	3.00	Each		

PUNJAB SEED CORPORATION,KHANEWAL.

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF BOUNDARY WALL BACK SIDE OF 81-82/10-R FARM COLONY,KHANEWAL.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	13441.00	%oCft		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	1661	%Cft		
3	Cement concrete plain including placing, compacting, finishing and curing complete (h) Ratio 1: 4: 8	2517.00	%Cft		
4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	5664.00	%Cft		
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	1887.75	%Sft		
6	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	12238	%Cft		
7	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:- b) ratio 1:3	31824	%Sft		
8	Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	31824	%Sft		
9	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5 mm), angle iron post 3¼ ft. (990 mm) long, 5 to 6 ft. (1500 to 1800 mm) centre to centre, embedded in cement concrete 1:4:8, base of size 9"x9"x12" (225x225x300 mm), and three rows of barbed wire, painting posts, etc. complete in all respects.	1678.00	%Rft		

PUNJAB SEED CORPORATION,KHANEWAL.

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF TRACTOR SHED AT PSC FARM 86-87/10-R, KHANEWAL.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Supply and Erection of 10ft high Cantiliver type Car Parking Shed consisting of 3mm thick fiber glass sheet roof fixed/ riveted with moulded curved frame comprising of 1-1/2"x1-1/2"16-SWG MS box placed @ 2ft C/C both sides and 1-1/2"x3" M.S box 16 SWG at front and back side welded on cantillever arch type MS pipe 3" dia arms welded with 3/8" thick and 8" dia Main Post duly welded with 1/2" thick 1.5' x 1.5' base plate and 4 no stiffeners of 1/2" thick MS sheet embeded in PCC 2'x2'x3' with 18" long nut bolts 1" dia i/c cost of foundation, cutting straightening assembling, bending as per drawing, welding/ grinding of joints and painting three coats complete in all respect as approved by the Engineer Incharge. (i) One side Cantilever	3000	Sft		
2	Supply and erection of house service pipe 50 mm (2") dia G.I. pipe Henley or pole type for bare copper wire overhead line, including shackle insulator, straining devices and other accessories etc	156	Rft		
3	Providing and fixing specified deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, size and depth duly wall supported/ ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @5ftC/C, hangers i/c thecost of hardwares as approved and directed by the Engineer Incharge. 16SWG b) 3" deep (i) 4"x3"	170.00	Rft		
4	Providing, laying, testing and commissioning µ-PVC (Unplasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/ BS-3505, Dadex/ Popular/Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. a) Class-D (iv) 3"	30.00	Rft		
5	Dismantling brick or flagged flooring without concrete foundation	3000.00	%Sft		
6	Dismantling 1st class tile roofing	3000.00	%Sft		
7	Dismantling cement concrete reinforced,seprating reinforcement from concrete,cleaning and straightening the same.	300.00	%Cft		
8	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m). Depth upto 5ft (1.5m) a) By Manual ii) in ordinary soil	3000.00	%0 Cft		
9	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	1500.00	%Cft		
10	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (e) 2"(50 mm) thick	3000.00	% Sft		
11	Painting new surface:- e) Preparing surface and painting of fillets, framing, skirtings, pipes, gutters, and similar linear work not exceeding 6" (150 mm)	326.00	%Rft		

	girth:- i) priming coat. ii) each subsequent coat of paint.				

PUNJAB SEED CORPORATION PIPLAN

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR RECONSTRUCTION OF STORE ALONG WITH TWO SIDES VERANDAH AT PSC PLANT PIPLAN DISTRICT MAINWALI

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
	Civil Works				
1	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same. **(A)**	38	%Cft		
2	Dismantling D.P.C. of cement concrete 1½" thick (40 mm) and clearing the site.	31	%Cft		
3	Dismantling brick work in lime or cement mortar.	715	%Cft		
4	Removing and stacking within one chain (30 m) lead: Bricks	20102	%o Nos		
5	Borrowpit excavation undressed lead upto 100 ft (30 metre). Ordinary soil	2993	%o Cft		
6	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	776	%o Cft		
7	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/MsHextar or equivalent @ specified suspension concenterate (SC),MixingAbility-HEXTAR with Ratio (1:250) =540Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	5044	Per Sft		
8	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	293	%Cft		
9	Supplying and filling sand under floor; or plugging in wells.	1024	%Cft		
10	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	1951	%Cft		
11	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 3"(75 mm) thick	5179	%Sft		

12	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- 1½"(40 mm) thick.	1172	%Sft		
13	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	430	%Cft		
14	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	300.868	%Sft		
15	Pacca brick work in ground floor:- cement, sand mortar:- Ratio 1:6	4763	%Cft		
16	Pacca brick work in ground floor:- cement, sand mortar:- Ratio 1:6	337	%Cft		
17	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	19	Per Cft		
18	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	3125	Per Cft		
19	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (i) (Grade-40)	9626	%Kg		
20	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	8	Each		
21	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	8	Each		
22	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs.per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	4855.082	%Sft		
23	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	4887.082	Per Sft		
24	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- a) 4" dia (100 mm) cast iron down pipe	74	Per Rft		

25	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.	8	Each		
26	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	8	Each		
27	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	2787	%Sft		
28	Cement plaster 1:5 upto 20' (6.00 mm) height:- b) ½" (13 mm) thick	7492	%Sft		
29	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	5661	%Sft		
30	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:- b) ratio 1:3	3255	%Sft		
31	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. (i) Single Leaf	49	Per Sft		
32	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. (ii) Double Leaf	119	Per Sft		
33	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	168	Per Sft		
34	Providing and fixing windows consisting of M.S. box section frame 2"x1½", (50x40mm) leaves frame 1½"x1" (40x25mm) box section frame for glazing 3/8"x3/8" (10x10mm) using 16 SWG sheet 'U' shaped rubber supported with 1"x1/8" (25x3mm) M.S. flat for fixing 3/16" (5 mm) thick glass panes M.S. box section ½"x½" (13x13mm) of 16 SWG for fixing 24 SWG wire gauze on outer side by means of ¾"x1/8" (20x3mm) M.S. flat and screws including grill of M.S. flat ½"x1/8" (13x3mm) or ¼"x¼" (6x6mm) square bar with independent frame of ½"x½" (13x13mm) box section of 16 SWG i/c all C.P. fitting and painting 3 coats complete in all respect.	76	Per Sft		
35	Distempering:- a) new surface:- iii) three coats	**13663**	%Sft		

36	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface: 2 Coat	5532	%Sft		
37	Supply and erection of girder clamp hook, 16 mm (5/8") with M.S. plate 25x6 mm (1"x¼"), with bolts and nuts for hanging ceiling fans.	2	Each		
	Deduction of Old Materials (B)				
1	Rusted Steel	95	Per Kg		
2	Unserviceble Bricks	25894	No		
3	Bricks Bats	286	Per Cft		
	Total = **A - B**				
	Electrical Portion				
1	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries				
i	20 mm i/d	400	P.Rft		
ii	25 mm i/d	1200	P.Rft		
2	S/E of single core PVC insulated copper conductor cable a) 250/440 volts, PVC insulated:				
i	3/0.029”	1700	P.Rft		
ii	7/0.029”	650	P.Rft		
iii	7/0.044”	300	P.Rft		
3	Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- a) Two core, 250/440 volts. (7/0.064")	1	P.Rft		
4	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge ii) Large	1	Each		
5	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge. b) One way Gange Switch (Large)				
i	Large 06 Gange	1	Each		
ii	Three pin Light Plug 10/13 Amp	1	Each		
6	S/E of ceiling rose bakelite.	22	Each		

7	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete ii) single rod (40 watts) with one choke and one starter.	14	Per.Set		
8	P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessded /Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble ,Copper Comb ,Wiring, Netural & Earth Bar ,Door Earthing ,Digital Voltmeter ,Digital Ammeter, Volt Select or Switch, Ammeter select or switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). (a) 6" deep (ii) 75~100A 12''x15''x6'' (1x1.25x0.5)=0.625x2 Nos= 1.25 CFT	1.25	PCft		
9	Providing and fixing M.S. iron box for housing main switches, made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- i) 60x35x15 cm (24"x14"x6")	1	Each		
10	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Exaust Fan i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. b) Steel body (ii) 18" sweep	1	Each		
11	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge. 56" dia	2	Each		
12	Supply and erection of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp.	3	Each		
13	Supply and erection of pole mounted street light, holders, shade and glass, etc., for fitting 125/250 watts mercury vapour lamp (excluding cost of lamps): ii) Philips design	3	Each		
14	Supply and fitting of mercury vapour lamp, complete with choke set. ii) 250 watt lamp	3	Each		
15	Suppling ,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GEU.S.A/ SCHNEIDER GERMANY /SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Single Pole				

i	Single Pole 6-40 Amp (6 KA)	10	Each		
ii	Single Pole 6-63 Amp (10 KA)	8	Each		
16	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth	1	P.Job		

PUNJAB SEED CORPORATION,KHANEWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE PAINT WORK OF KACHRA SEED SHED (OUTSIDE OF MAIN STORE) & INTAKE SHED AT PSC PLANT KHANEWAL.

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Painting old surfaces with Enamel Paint:- Painting corrugated surfaces, patent roofing, etc. with oil paint. first coat + each subsequent coat (two coats)	13410	%Sft		
2	Painting old surfaces with Enamel Paint:-Painting of guard bars, gates of iron bars, gratings, railing (including standards, braces etc.) and similar open work. first coat + each subsequent coat (two coats)	6000	%Sft		
3	Scraping, brushing and removing oil paints from meal surface.	19410.00	%Sft		
4	Extra labour for painting, varnishing, etc. from 20' height & above, for every additional 10' height, or part thereof, requiring scaffolding.	19410.00	%Sft		

PUNJAB SEED CORPORATION,KHANEWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE REPAIR AND MAINTENANCE\IMPROVEMENT OF OFFICE BLOCK AT PSC PLANT KHANEWAL.

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Dismantling cement concrete 1:2:4 plain	318.396	%Cft		
2	Cement concrete plain including placing, compacting, finishing and curing complete Ratio 1: 2: 4	318.396	%Cft		
3	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles (iii) 600mm x 600 mm (24"x24")	2188.027	Sft		
4	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of matching sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.a) Full body Glazed Tile (iii) 600mm x 600 mm (24"x24")	447	Sft		

PUNJAB SEED CORPORATION,KHANEWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE WATER PROOFING TREATMENT OF STORES AT PSC PLANT KHANEWAL.

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Providing and applying torch-on water proofing bitumenous membrane of specified thickness (made of Roof-Grip/ Euro Bit) duly lapped/ connected by heating with Torch over ps-6 primer i/c preparation/ smoothen the surface complete in all respect as approved and directed by the Engineer Incharge b) Aluminum Foiled ii) 4 mm thick	12279	Sft		
2	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead Upto 5th Km.	767.43	% Cft		

PUNJAB SEED CORPORATION

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF SEWER LINE OF OFFICE BLOCK AT PSC PLANT RAHIMYAR KHAN.

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Dismantling brick work in lime or cement mortar.	113	%Cft		
2	Dismantling cement concrete 1:2:4 plain.	25	%Cft		
3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary	1131	%oCft		
4	Earthwork excavation of trenches in open cutting for sewers and manhole chambers, etc. below sub-soil water level to correct section and dimensions according to templates and levels, including backfilling, shoring, timbering and shuttering of M.S. sheets on both sides of the trenches: i) 0 ft. to 4.0 ft. (0 to 1.20 m) depth below SSWL.	1553	%oCft		
5	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	114	%Cft		
6	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	86	%Cft		
7	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8	157	%Cft		
8	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	109	%Cft		
9	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex /Popular/Beta or approved equivalent manufacturer, plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. Type (SDR 34/SN-8)				
	i) 6" dia 150mm Branch Pipe	50	Per Rft		
	ii) 8" dia 200 mm Main Pipe	180	Per Rft		
10	Rehandling of earthwork: a) Lead upto a single throw of Kassi, phaorah or shovel b) Upto a lead of 50 ft. (15 m).	1214	%o Cft		
11	Compaction of earthwork (soft, ordinary or hard soil) :- c) Ramming earthwork (all types of soil).	1214	%o Cft		
12	Pacca brick work other than building upto 10ft. (3 m) height. Ratio 1:4	344	%Cft		
13	Cement plaster 1:4 upto 20' (6.00 m) height:-c) ¾" (20 mm) thick	245	%Sft		
14	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	63	Per Cft		
15	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (i) (Grade-40)	193	%Kg		
16	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.	9	Per Sft		
17	Supply of Bamboos for removal of sewer blockage 4" dia from Bottom and 2" to 2.5" dia from Top, 22' long i/c cutting charges into four pieces, including carriage charges. 04 pieces	4	EACH		
18	Excavation of well in dry upto 20'(6 metre) below ground level, and disposal of soil within one chain (30 metre) a) in ordinary soil or sand :- i) from 0' to 5' (o to 1.5 m)	1600	%o Cft		

18	depth ii) from 5.1' to 10' (1.5 to 3.0 metre) depth iii) from 10.1' to 15' (3.0 to 4.5 metre) depth iv) from 15.1' to 20' (4.5 metre to 6.0 metre) depth	1000	%0 Cft		
19	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	79	%Cft		
20	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	53	%Cft		
21	Reinforced cement concrete in Pile cap, slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a-d) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (2) Type B (nominal mix 1: 1½: 3)	42	P.Cft		
22	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects Type C (nominal mix 1: 2: 4)	41	P.Cft		
23	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (i) (Grade-40)	254	%Kg		
24	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	561	%Cft		
25	Cement plaster 1:3 upto 20' (6.00 m) height:- c) ¾" (20 mm) thick	525	%Sft		

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CEMENT PLASTER 2 NOS PRE-STORE, ROOF KACHRA, TECHNICAL & PESTICIDE STORE AND MACHINERY STORE ROOM AT PSC PLANT SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
1	Dismantling brick work in lime or cement mortar.	41	% Cft		
2	Pacca brick work in ground floor:- i) Cement, sand mortar:- Ratio 1:5	41	% Cft		
3	Pacca brick work in ground floor:- i) Cement, sand mortar:- Ratio 1:6	53	% Cft		
4	Removing cement or lime plaster.	4139	% Sft		
5	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	9445	% Sft		
6	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick. Extra for lime, mud or cement plaster and pointing from 20' (6.00 m) and above for each additional 10' (3.00 m) height or part thereof.	1080	% Sft		
7	Removing mud plaster from walls.	540	% Sft		
8	b) Dismantling 2nd class tile roofing.	1420	% Sft		
9	Dressing and levelling of earth work to designed section, etc. complete:- b) Ordinary or hard soil.	469	%o Cft		
10	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	1426	P.Sft		
11	Mud plaster on floor or roof (excluding Gobri leeping):- b) 1" (25 mm) thick	1420	% Sft		
12	Brick tiles (9"x4½"x1½")(225 mm x 113 mm x 40 mm) laid flat grouted with 1:3 cement mortar, over a bed of 3/4"(20 mm) thick cement mortar 1:6. (Excluding the cost of Tiles)	1420	% Sft		

13	2" (50 mm) stucco cement plaster 1:2:4 (cement, sand and shingle) upto 20' (6.00 m) height.	180	% Sft		
14	c) Dismantling cement concrete 1:2:4 plain	8	% Cft		
15	Dismantling brick or flagged flooring without concrete foundation.	211	% Sft		
16	Breaking brick ballast, screening and stacking:- (a) 2"(50 mm) ring (b) 1½ "(40 mm) ring	79	% Cft		
17	Laying and ramming dry ballast or kankar.	79	% Cft		
18	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels. a) Size 1½" x 3/8" (40 x 10 mm)	33	P. Rft		
19	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (c) 1½"(40 mm) thick	271	% Sft		
20	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	2999	% Sft		
21	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- a) 4" dia (100 mm) cast iron down pipe.	56	P. Rft		
22	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.	4	Each		
23	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	4	Each		
24	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	7	Each		
Total					

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF BOUNDARY WALL 9" THICK 401' LENGTH AT PSC FARM KACHI ABADI CHAK NO 92/9L, SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	6627	%o Cft		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	553	% Cft		
3	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	226	P. Cft		
4	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (i) (Grade-40)	692	% KG		
5	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	5305	% Cft		
6	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (b) with 2 coats of bitumen: i) 1½" thick (40 mm)	436	% Sft		
7	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:- b) ratio 1:3	4637	% Sft		

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE RECONSTRUCTION OF TILTED 219 RFT FARM BOUNDARY WALL AT PSC FARM COLONY SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
A	**Standardized Items**				
1	Dismantling brick work in lime or cement mortar.	1582	% Cft		
2	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	631	%o Cft		
3	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	247	Use in		
4	Breaking brick ballast, screening and stacking:- (a) 2"(50 mm) ring (b) 1½ "(40 mm) ring	206	% Cft		
5	Laying and ramming dry ballast or kankar.	247	% Cft		
6	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	1725	% Cft		
7	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (b) with 2 coats of bitumen: i) 1½" thick (40 mm)	174	% Sft		
8	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:- b) ratio 1:3	1890	% Sft		
9	Cement plaster 1:4 upto 20' (6.00 m) height:- c) ¾" (20 mm) thick	1890	% Sft		
10	Providing and fixing barbed wire fencing on compound wall, consisting of 1½"x1½"x3/16" (40x40x5 mm), angle iron post 3¼ ft. (990 mm) long, 5 to 6 ft. (1500 to 1800 mm) centre to centre, embedded in cement concrete 1:4:8, base of size 9"x9"x12" (225x225x300 mm), and three rows of barbed wire, painting posts, etc. complete in all respects.	219	% Rft		
			Total		
B	**Recovery of Old Material**				
1	Recovery of bricks	12814	%oNos		
2	Recovery of brick bats	427	% Cft		
			Total		
		A - B	**=**		

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE IMPROVEMENT / RENOVATION OF RESIDENCES OF OFFICIALS/OFFICERS AT PSC FARM COLONY, SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
A	**Officer House No. 1 To 5**				
1	Removing cement or lime plaster.	2269	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	505	% Sft		
3	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (e) 2"(50 mm) thick	300	% Sft		
4	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	1464	% Sft		
5	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	3675	% Sft		
	Including scraping 2nd Coat 40%	2450	% Sft		
6	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	1025	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	505	% Sft		
8	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	400	% Sft		
9	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
10	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
11	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		

12	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
13	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
14	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
15	a) Removing door with chowkat.	1	P.No		
16	First class wood wrought joinery in wire gauze doors and windows with frames 22 SWG galvanized iron wire gauze 12x12 meshes to square inch, (5x5 meshes in cm2)including brass fittings, sash bars, etc. complete:- II) Deodar Wood c) Fly proofing with G.I. wire gauze 22 SWG, 12x12 meshes per square 'inch, (5x5 in cm2) fixed to chowkat, with ¾" ('20 mm) thick deodar wood strip and screws.	25	P.Sft		
17	Providing and fixing wardrobe 22" (550 mm) deep consisting of RCC shelves 1½" (40 mm) thick including ½"thick vinboard boxing and back (one side ply) vinboard shutter ¾" (20 mm) thick including deodar wood lipping ¼"(6 mm) on all edges, fixes including deodar wood frame 3"x1" (75mm x 25mm) with hanger rod in centre position drawers at bottom and openable shutter on upper portion including full hinges C.P. fitting and painting 3 coats Complete.	100	P.Sft		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Medium	1	P.No		

Total

A - B =

5 x =

A	**Officer House No 3**				
1	Brick tiles (9"x4½"x1½")(225 mm x 113 mm x 40 mm) laid flat in 1:3 cement mortar, over a bed of 3/4"(20 mm) thick cement mortar 1:6.	120	% Sft		
2	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	120	P. Sft		
3	First class wood wrought joinery in wire gauze doors and windows with frames 22 SWG galvanized iron wire gauze 12x12 meshes to square inch, (5x5 meshes in cm2)including brass fittings, sash bars, etc. complete:- II) Deodar Wood c) Fly proofing with G.I. wire gauze 22 SWG, 12x12 meshes per square 'inch, (5x5 in cm2) fixed to chowkat, with ¾" ('20 mm) thick deodar wood strip and screws.	25	P.Sft		
4	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	82	P.Sft		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	3	P.No		

Total

A - B =

1 x =

A	**Foreman House No 3**				
1	Removing cement or lime plaster.	2041	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	599	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	1442	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	2857	% Sft		
	Including scraping 2nd Coat 40%	1905	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	627	% Sft		
6	White washing:- b) old surface:- 2 Coats	2137	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	599	% Sft		
8	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
9	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
10	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
11	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
12	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
13	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
14	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	720	% Sft		

15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
16	a) Removing door with chowkat.	1	P.No		
17	Providing and fixing wardrobe 22" (550 mm) deep consisting of RCC shelves 1½" (40 mm) thick including ½"thick vinboard boxing and back (one side ply) vinboard shutter ¾" (20 mm) thick including deodar wood lipping ¼"(6 mm) on all edges, fixes including deodar wood frame 3"x1" (75mm x 25mm) with hanger rod in centre position drawers at bottom and openable shutter on upper portion including full hinges C.P. fitting and painting 3 coats Complete.	208	P.Sft		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Medium	3	P.No		

Total

A - B =

1 x =

A	**Supervisor House No 1 & 2 + Field Assistant House No 1 & 2**				
1	Removing cement or lime plaster.	1503	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	561	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	942	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	1769	% Sft		
	Including scraping 2nd Coat 40%	1179	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	478	% Sft		
6	White washing:- b) old surface:- 2 Coats	700	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	561	% Sft		
8	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
9	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
10	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
11	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
12	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
13	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
14	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	300	% Sft		

15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
16	a) Removing door with chowkat.	1	P.No		
17	Providing and fixing wardrobe 22" (550 mm) deep consisting of RCC shelves 1½" (40 mm) thick including ½"thick vinboard boxing and back (one side ply) vinboard shutter ¾" (20 mm) thick including deodar wood lipping ¼"(6 mm) on all edges, fixes including deodar wood frame 3"x1" (75mm x 25mm) with hanger rod in centre position drawers at bottom and openable shutter on upper portion including full hinges C.P. fitting and painting 3 coats Complete.	140	P.Sft		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Medium	2	P.No		

Total

A - B =

4 x =

A	**Mechanic House No 7 & 8**				
1	Removing cement or lime plaster.	1452	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	510	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	942	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	1769	% Sft		
	Including scraping 2nd Coat 40%	1179	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	478	% Sft		
6	White washing:- b) old surface:- 2 Coats	700	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	510	% Sft		
8	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
9	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
10	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
11	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
12	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
13	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
14	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	300	% Sft		

15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
16	a) Removing door with chowkat.	1	P.No		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		

Total

A - B =

2 x =

A	**Driver House No 1 & 2**				
1	Removing cement or lime plaster.	1503	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	561	% Sft		
3	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (e) 2"(50 mm) thick	314	% Sft		
4	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	628	% Sft		
5	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	1769	% Sft		
	Including scraping 2nd Coat 40%	1179	% Sft		
6	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	478	% Sft		
7	White washing:- b) old surface:- 2 Coats	600	% Sft		
8	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	561	% Sft		
9	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
10	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
11	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
12	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
13	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
14	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
15	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	250	% Sft		

16	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
17	a) Removing door with chowkat.	1	P.No		
18	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated / Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ paint ing 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.	130	P.Sft		
19	Supply & errection of LED Bulb, conforming IP 20, Lumen minimum 70 lm/Watt, input voltage 165-265 AC, frequency 50/60Hz, Life span 15000 Hours, PF 0.70 to 0.90, CRI > 80, 90% Energy Saving, color 6500k / 3000K. Complete in all respect, as directed by the Engineer Incharge. i) 12 Watt	4	Each		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Semi Small	2	P.No		

Total

A - B =

2 x =

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE FIRE EQUIPMENT/ FIRE HYDRANT PIPE LINE AT PSC PLANT, SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
1	Dismantling brick or flagged flooring without concrete foundation.	4650	% Sft		
2	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines/electric cables upto 5 ft. (1.5 m) depth from ground level, including backfilling, trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	14070	%o Cft		
3	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe conforming to standard ISO4427, PS3580 ,Beta/ Dadex/ Popular/ IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the engineer incharge, complete in all respects. c) PN-10 (SDR-17) 8 (110 mm).	3100	P.Rft		
4	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches,using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. 3)Heavy Quality ix) 4" i/d (100 mm) 4.5mm thick	36	P.Rft		
5	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches,using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. 2) Medium Quality ii) ¾" i/d (20 mm) 2.65mm thick	160	P.Rft		
6	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches,using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.3) Heavy Quality xi) 6" i/d (200 mm) 4.85mm thick	510	P.Rft		
7	Rehandling of earthwork: b) Upto a lead of 50 ft. (15 m).	13950	%o Cft		
8	Compaction of earthwork (soft, ordinary or hard soil) :- a) Mixing, moistening earth to optimum moisture content in layers for compaction, etc. complete.	13950	%o Cft		
9	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	60	% Cft		

10	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	60	% Cft		
11	Providing and fixing sluice valve of B.S.S. quality and weight, Class `B', for cast iron pipe line, and Asbestos cement pipe line (including cost of jointing material): d) 6" i/d (150 mm)	1	Each		
12	Providing and fixing heavy duty Globe valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut/ bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge. (b) Flange Ended Ductile Iron Valve (xi) 6" dia	1	Each		
13	Providing and fixing heavy duty Globe valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut/ bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge. (b) Flange Ended Ductile Iron Valve (ix) 4" dia	5	Each		
14	Providing & Construction of RCC Valve Chamber complete in all respect as per drawings & Specification & instruction of the Engineer incharge. But excluding the cost of valve. Chamber Inner size 3'x3'x2'.	5	Each		
15	Restoration of brick pavement on edge, over laid service line, with 2" (50 mm) sand cushion under soling.	4650	% Sft		
16	Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. Diameter of running main: i) upto 6" i/d (150 mm)	1	Each		
17	Making connection for new watersupply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc. Diameter of running main: ii) upto 8" i/d (200 mm) mm)	1	Each		
Total					

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE IMPROVEMENT / RENOVATION OF PLATE FORM AT PSC FARM WORKSHOP SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	207	% Cft		
2	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (g) 2½"(62 mm) thick	14100	% Sft		
3	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels b) Size 1½" x ¼" (40 x 6 mm)	9870	P. Rft		
4	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	395	% Sft		

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE IMPROVEMENT / RENOVATION OF RESIDENCES OF OFFICIALS/OFFICERS AT PSC PLANT COLONY, SAHIWAL.

Sr. No.	Description of Items.	QTY	Unit	Rate	Amount
				In rupees	
A	**Plant Manager House**				
1	c) Dismantling cement concrete 1:2:4 plain.	46	% Cft		
2	Removing cement or lime plaster.	2857	% Sft		
3	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	600	% Sft		
4	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	2257	% Sft		
5	Petty repair to main rooms.	6	Each		
6	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	4447	% Sft		
	Including scraping 2nd Coat 40%	2965	% Sft		
7	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	1262	% Sft		
8	White washing:- b) old surface:- 2 Coats	930	% Sft		
9	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	490	% Sft		
10	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated / Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ paint ing 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.	300	P.Sft		

11	Providing and fixing wardrobe 22" (550 mm) deep consisting of RCC shelves 1½" (40 mm) thick including ½"thick vinboard boxing and back (one side ply) vinboard shutter ¾" (20 mm) thick including deodar wood lipping ¼"(6 mm) on all edges, fixes including deodar wood frame 3"x1" (75mm x 25mm) with hanger rod in centre position drawers at bottom and openable shutter on upper portion including full hinges C.P. fitting and painting 3 coats Complete.	65	P.Sft		
12	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	2	Each		
13	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	2	Each		
14	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	2	Each		
15	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
16	Providing and fixing chromium plated tee stop cock '15mm (½").	6	Each		
17	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	2	Each		
18	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. i) white	2	Each		
19	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	2	Each		
20	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:- a) Class-B (6 bar) b) 4" i/d (100 mm)	39	P. Rft		
21	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (c) 1½"(40 mm) thick	368	% Sft		
22	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels b) Size 1½" x ¼" (40 x 6 mm)	221	P. Rft		

23	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors 1.6mm, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of specified thickness tempered glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the Engineer in-charge. i) 5mm thick Glass	21	P.Sft		
24	a) Removing door with chowkat.	1	P.No		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Medium	3	P.No		
3	Old Almirah Shutter Small	2	P.No		

Total

A - B =

A	**Plant Superintendent House 1+2+3**				
1	Removing cement or lime plaster.	2463	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	658	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	1805	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	3816	% Sft		
	Including scraping 2nd Coat 40%	2544	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	1017	% Sft		
6	White washing:- b) old surface:- 2 Coats	930	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	658	% Sft		
8	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	870	% Sft		
9	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
10	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
11	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
12	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
13	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
14	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- a) 4" dia (100 mm) cast iron down pipe.	12	P. Rft		
15	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.	1	Each		
16	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	1	Each		

17	Providing and fixing wardrobe 22" (550 mm) deep consisting of RCC shelves 1½" (40 mm) thick including ½"thick vinboard boxing and back (one side ply) vinboard shutter ¾" (20 mm) thick including deodar wood lipping ¼"(6 mm) on all edges, fixes including deodar wood frame 3"x1" (75mm x 25mm) with hanger rod in centre position drawers at bottom and openable shutter on upper portion including full hinges C.P. fitting and painting 3 coats Complete.	320	P.Sft		
18	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated / Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ paint ing 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.	100	P.Sft		

Total

B	**Recovery of Old Material**				
1	Old Almirah Shutter Medium	4	P.No		
2	Old Almirah Shutter Small	2	P.No		

Total

A - B =

3 x =

A	**Plant. Supt. H. No.3 Tilted Boundary Wall Reconstruction**				
1	Dismantling brick work in lime or cement mortar.	250	% Cft		
2	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- b) with 2 coats of bitumen: i) 1½" thick (40 mm)	83	% Sft		
3	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	500	% Cft		
4	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	1415	% Sft		

Total

B	**Recovery of Old Material**				
1	Recovery of bricks	2025	%oNos		
2	Recovery of brick bats	100	% Cft		

Total

A - B =

A	**Foreman House No 2 & 5, 1+4+6**				
1	Removing cement or lime plaster.	2041	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	599	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	1442	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	2857	% Sft		
	Including scraping 2nd Coat 40%	1905	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	627	% Sft		
6	White washing:- b) old surface:- 2 Coats	2137	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	599	% Sft		
8	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
9	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
10	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
11	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
12	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
13	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
14	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	720	% Sft		

15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
16	a) Removing door with chowkat.	1	P.No		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		

Total

A - B =

5 x =

A	**Mechanic House No 1 to 6**				
1	Removing cement or lime plaster.	1452	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	510	% Sft		
3	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	942	% Sft		
4	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	1769	% Sft		
	Including scraping 2nd Coat 40%	1179	% Sft		
5	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	478	% Sft		
6	White washing:- b) old surface:- 2 Coats	700	% Sft		
7	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	510	% Sft		
8	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
9	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
10	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
11	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
12	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
13	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
14	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	300	% Sft		

15	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
16	a) Removing door with chowkat.	1	P.No		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		

Total

A - B

=

6 x

=

A	**Driver House No 3 to 8**				
1	Removing cement or lime plaster.	1503	% Sft		
2	Cement plaster 1:4 upto 20' (6.00 mm) height:- c) ¾" (20 mm) thick	561	% Sft		
3	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (e) 2"(50 mm) thick	314	% Sft		
4	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:- b) ½" (13 mm) thick.	1025	% Sft		
5	Distempering using Vinyle Emulsion Paint:- b) old surface:- 2 Coats (Master/Diamond/ Nippon/ Berger) including scraping				
	1st Coat 60%	1769	% Sft		
	Including scraping 2nd Coat 40%	1179	% Sft		
6	Painting old surfaces with Enamel Paint:- c) Painting doors and windows, any type: 2 Coats (Master/Diamond/ Nippon/ Berger)	478	% Sft		
7	White washing:- b) old surface:- 2 Coats	600	% Sft		
8	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	561	% Sft		
9	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. i) white, with pedestal	1	Each		
10	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	Each		
11	Providing and fixing looking glass 55x40 cm (22"x16") size, and minimum 5 mm thick, first quality.	1	Each		
12	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	2	Each		
13	Providing and fixing chromium plated tee stop cock '15mm (½").	2	Each		
14	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made i) white	1	Each		
15	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3	250	% Sft		

16	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:-a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	32	P.Sft		
17	a) Removing door with chowkat.	1	P.No		
18	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated / Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ paint ing 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.	65	P.Sft		
19	Supply & errection of LED Bulb, conforming IP 20, Lumen minimum 70 lm/Watt, input voltage 165-265 AC, frequency 50/60Hz, Life span 15000 Hours, PF 0.70 to 0.90, CRI > 80, 90% Energy Saving, color 6500k / 3000K. Complete in all respect, as directed by the Engineer Incharge. i) 12 Watt	4	Each		

Total

B	**Recovery of Old Material**				
1	Chowkat of door	1	P.No		
2	Old Almirah Shutter Semi Small	1	P.No		

Total

A - B

=

6 x **=**

PUNJAB SEED CORPORATION SAHIWAL

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE WATER PROOFING TREATMENT AND G.I CORRUGATED SHEET PAINT OF STORES AT PSC PLANT SAHIWAL.

Sr. No.	Description	QTY	Unit	Rate	Amount
				In rupees	
1	b) Dismantling 2nd class tile roofing.	1367	% Sft		
2	Earthwork excavation in ashes, sand and soft soil or silt clearance, undressed lead upto 50 ft (15 metre) through mechanical means	1025	%o Cft		
3	c) Dismantling cement concrete 1:2:4 plain.	128	% Cft		
4	Providing and applying torch-on waterproofing bitumenous membrane of specified thickness (made of Roof-Grip/EuroBit) dulylapped/connected by heating with Torch over ps-6primer i/c preparation/smoothen the surface complete in all respect as approved and directed by theEngineer Incharge. Aluminum Foiled. 4 mm thick	135517	P.Sft		
5	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. Lead Upto 5th Km.	8470	% Cft		
6	Providing and fixing 1/16" (1.5 mm) thick copper flashing on expansion joints complete in all respects.	1255	P. Sft		
7	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (f) Ratio 1: 2: 4	2236	% Cft		
8	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- a) 4" dia (100 mm) cast iron down pipe.	1252	P. Rft		
9	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.	36	Each		
10	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	36	Each		
11	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	39	Each		
12	Cement plaster 1:4 upto 20' (6.00 m) height:- ½" (13 mm) thick.	131	% Sft		
13	Painting old surfaces with Enamel Paint:- a) Painting corrugated surfaces, patent roofing, etc. with oil paint. 2 Coat	626	% Sft		

PUNJAB SEED CORPORATION TOBA TEK SINGH

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE EXTERNAL DEVELOPMENT (Soling) AT PSC FARMS TOBA TEK SINGH

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Earthwork in ordinary soil for embankments lead upto 100 ft. (30 m), including ploughing, mixing and compaction by mechanical means at optimum moisture	1422	%oCft		
2	Providing and laying dry brick pavement/soling in streets or roads, etc. sand grounted, laid in proper camber, including preparation, watering, compaction of bed	1066	%Cft		

PUNJAB SEED CORPORATION TOBA TEK SINGH

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF FARM OFFICE AND 1 NO STORE AT PSC FARMS TOBATEK SINGH.

Sr.No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	1833	%o Cft		
2	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/MsHextar or equivalent @ specified suspension concenterate (SC),MixingAbility-HEXTAR with Ratio (1:250) =540Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect as approved by the Engineer Incharge.	1833	Per Sft		
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 6:12	326	%Cft		
4	Pacca brick work in foundation and plinth in:- Cement, sand mortar: Ratio 1:6	1093	%Cft		
5	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	118	%Sft		
6	Pacca brick work in ground floor:- cement, sand mortar:- Ratio 1:5	1993	%Cft		
7	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	842	Per Cft		
8	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): (b) Deformed bars (i) (Grade-40)	2578	%Kg		

9	P/F of precast roof slab comprising of girder 4"x9" having strength 5000 psi and slab plate 4'x1'-6" having strength 3500 psi, approved Izhar concrete i/c transportation at site Toba Tek Singh, placing in position by mechanical crane, Labour charges and carriage from sahiwal to reached at site Toba Teksingh, complete in all respect as approved and directed by the Engineer Incharge.	326	**P.Sft**		
10	P/F of precast roof slab comprising of girder 5 1/2"x13 1/2" having strength 5000 psi and slab plate 4'-6"x1'-6" having strength 3500 psi, approved Izhar concrete i/c transportation at site Toba Tek Singh, placing in position by mechanical crane, Labour charges and carriage from sahiwal to reached at site Toba Teksingh, complete in all respect as approved and directed by the Engineer Incharge.	1232	**P.Sft**		
11	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	1586	**Per Sft**		
12	Supplying clean and screened river or pit sand within 5 chains (150 m).	108	**%Cft**		
13	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs.per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	1282	**%Sft**		
14	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	3	**Each**		
15	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	3	**Each**		
16	Filling, watering and ramming earth under floors:- ii) With new earth excavated from outside, lead upto 3 mile.	1028	**%oCft**		
17	Filling, watering and ramming earth under floors:- i) With surplus earth from foundation, etc.	1222	**%oCft**		
18	Supplying and filling sand under floor; or plugging in wells.	205	**%Cft**		
19	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	507	**%Cft**		
20	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (i) 3"(75 mm) thick	1482	**%Sft**		
21	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels b) Size 1½" x ¼" (40 x 6 mm)	1037	**P.Rft**		

22	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	285	**%Sft**		
23	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	17	**%Cft**		
24	Cement plaster 1:4 upto 20' (6.00 m) height:-c) ¾" (20 mm) thick	6740	**%Sft**		
25	Cement pointing struck joints, on walls, upto 20' (6.00 m) height:- b) ratio 1:3 Extra cost of labour and material for red oxide pigment in cement pointing to match with the colour of bricks.	1930	**%Sft**		
26	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	7025	**%Sft**		
27	Distempering using Vinyle Emulsion Paint:- a) new surface:- 2 coat	4679	**%Sft**		
28	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface: 2 Coat	2200	**%Sft**		
29	P/L false ceiling comprising of 5/8" thick plaster of paris sheet of required size in approved design with one line of 6" wide niche all around , hanging with Copper wire (16 SWG) duly enriched with POP and flaxen i/c the cost of making space for rope light/screws/jute/making holes for lights and rawal plugs complete in all respects as approved and directed by the Incharge.(Measurement will be made as per	300	**P.Sft**		
30	Providing and laying of specific thickness full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge. vi) 3/4" thick Boticena (Fancy)	122	**P.Sft**		
31	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	75	**P.Rft**		
32	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed tiles (iii) 600mm x 600 mm (24"x24")	284	**Per Sft**		

33	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of matching sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.a) Full body Glazed tiles (iii) 600mm x 600 mm (24"x24")	71	**Per Sft**		
34	Providing and laying superb quality Ceramic tile floors of Master/ Stile brand or approved equivalent manufacturer of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. i) 12"x18"/ 12"x24"/ 10"x24" / 8"x24"/ 12"x36"	40	**Per Sft**		
35	Providing and laying superb quality Ceramic tiles dado of Master/ Stile brand or approved equivalent manufacturer of specified size,Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge i) 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	107	**Per Sft**		
36	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete:- a) M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	221	**Per Sft**		
37	P/F Iron door comprising of specified leaves made of 1-1/4”x1-1/4”x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. (ii) Double Leaf	196	**Per Sft**		

38	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	25	**Per Sft**		
39	Providing and fixing 38mm (min) factory made Premium WPC Doors (waterproof, Termite-resistant, Fire retardant) of ESTA, Greendoors or approved equivalent with WPC door frame (chowkat) and WPC architrave on both sides, including the cost of polishing, with hinges, T-lock, tower bolt, handle & all hardware's accessories complete in all respect as per approved specifications and as approved by the Engineer incharge.i) WPC Door 5mm wall thickness	18	**Per Sft**		
40	Providing and fixing, approved quality mortice lock.	2	**Each**		
41	Providing and fixing 24" Deep Box type Wardrobe consisting of 3/4" thick UV coated MDF board(Medium density Fiber board) Sheet both side glazed shutters and box comprising of 3/4" thick laminated MDF sheet i/c the cost of 1mm thick PVC tape duly hot pressed on all edges of the shutters / panels / drawers etc., with machine i/c the cost of self closing blum type hinges, handles, screws, Glue and rawal plugs, Drawers & locking arrangement complete in all respect as approved and directed by Engineer Incharge.	56	**Per Sft**		
42	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.	53	**Per Sft**		
43	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	53	**Per Sft**		

44	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (i) 3/8" Square Bars	53	**Per Sft**		
45	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, etc:- a) 4" dia (100 mm) cast iron down pipe	55	**Per Rft**		
46	Rain water down pipe cast iron head fixed in place, including cost of clamp holdfast and painting.	3	**Each**		
47	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	3	**Each**		
48	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge. (iv) 20 Gal capacity	`1	**Each**		
49	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal or approved equvilent manufacturer, comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge.	1	**Each**		
50	Providing and fixing Bathroom Accessories (7-piece set) Master brand One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.	1	**Each**		
51	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. ii) coloured, with pedestal	1	**Each**		
52	Providing and fitting low down flushing cistern 13.63 litres (3 gallons) capacity, including cost of bracket set, copper connection, etc. b) Plastic Made ii) coloured	1	**Each**		
53	Providing and fixing chromium plated bib cock:- ii) 1.5 cm (½")	3	**Each**		

54	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest. ii) coloured	1	**Each**		
55	Providing and fitting local made glazed earthen ware water closet European type, coupled set, including seat and cover:- iii) coloured	1	**Each**		
56	Providing and fixing chromium plated tee stop cock 15mm (½").	1	**Each**		
57	Providing and fixing, chromium plated mixing valve, for wash hand basin, sink or shower.	1	**Each**		
58	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	1	**Each**		
59	Providing and fitting "P" trap:- ii) 10 cm (4") glazed.	4	**Each**		
60	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge. i) 4" dia	2	**Each**		
61	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge. i) 4" dia	3	**Each**		
62	Providing and hoisting vertical/ horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet/outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	1400	**P.Ltr**		
63	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.				
i	i) 1/2" dia	4	**Each**		
ii	ii) 3/4" dia	4	**Each**		
64	Providing and fixing heavy duty Globe valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge. (a) Brass Threaded Valves				
i	i) 1/2" dia	4	**Each**		
ii	ii) 3/4" dia	4	**Each**		

65	Providing and fixing heavy duty Check Valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge. (a) Brass Threaded Valves				
i	i) 1" dia	1	**Each**		
66	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed by Engineer Incharge. b) PN-20 pipe				
i	b) PN-20 pipe (ii) 25 mm	700	**Per Rft**		
ii	b) PN-20 pipe (ii) 32 mm	300	**Per Rft**		
67	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including the cost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge. (v) 110 mm	250	**Per Rft**		
68	Supply and erection of girder clamp hook, 16 mm (5/8") with M.S. plate 25x6 mm (1"x¼"), with bolts and nuts for hanging ceiling fans.	1	**Each**		
69	Making and fixing 1" (25 mm) thick kail or chir wooden notice board with frame.	24	**Per Sft**		
	Electrical Portion				
1	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. a) Recessed in walls i/c making jharries				
i	20 mm i/d	500	P.Rft		
ii	25 mm i/d	600	P.Rft		
2	S/E of single core PVC insulated copper conductor cable a) 250/440 volts, PVC insulated:				
i	3/0.029”	3000	P.Rft		
ii	7/0.029”	1498	P.Rft		

3	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge ii) Large	1	**Each**		
4	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge. b) One way Gange Switch (Large)				
i	Large 06 Gange	8	**Each**		
ii	Three pin Light Plug 10/13 Amp	2	**Each**		
iii	(viii) Three Pin Power Plug 15-32 Amp	2	**Each**		
5	S/E of ceiling rose bakelite.	20	**Each**		
6	Supply and erection of tube light, including rod, choke, starter with frame, flexible wire, including connection from ceiling rose, etc., complete ii) single rod (40 watts) with one choke and one starter.	15	Per.Set		
7	upplying and erection of LED Flood Light, conforming IP 65/66, having body of anodized aluminum frame with heat proof glass, input volatage 165-265AC, frequency 50/60Hz, PF 0.70 to 0.90, CRI >80, lumens minimum 120 lm/watt, Life span 30000Hrs, color 6500k/3000k. Complete in all respect, as approved and directed by the Engineer Incharge. ii) 100 Watt	3	Each		
8	Providing and fixing M.S. iron box for housing main switches, made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- i) 60x35x15 cm (24"x14"x6")	1	Each		
9	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Exhaust Fan i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. b) Steel body (ii) 18" sweep	2	Each		
10	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge. 56" dia	2	Each		
11	Suppling ,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GEU.S.A/ SCHNEIDER GERMANY /SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Single Pole				
i	Single Pole 6-40 Amp (6 KA)	2	Each		

ii	Single Pole 6-63 Amp (10 KA)	2	Each		
iii	b) Double Pole 6-63 Amp (10 KA)	2	Each		
12	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pipe 15 mm (½") dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth	1	P.Job		

PUNJAB SEED CORPORATION TOBA TEK SINGH

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF PRECAST BOUNDARY WALL AT PSC FARM TOBA TEK SINGH.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	543	%oCft		
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- Ratio 1: 6:12	78	%Cft		
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):- Ratio 1: 2: 4	411	%Cft		
4	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:5	162	%Cft		
5	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)	65	Per Cft		
6	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): Deformed bars (Grade-40)	199	%Kg		
7	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating :- with one coat bitumen and one coat polythene sheet 500gauge. i) 1½" thick (40 mm)	15	%Sft		
8	Cement plaster 1:4 upto 20' (6.00 m) height:- ¾" (20 mm) thick	265	%Sft		
9	P/F of precast boundary wall 8' high comprising of R.C.C Post size 6"x6 1/2"x11' embeded in P.C.C at 3' depth @ 8'-3" c/c and precast R.C.C Planks 2" x12"x8', between 2 post 8 Nos of planks provided of approved Izhar concrete i/c post cap on each R.C.C post, carriage from sahiwal to reached at site Toba Teksingh, placing in position (Excluding P.C.C Foundation) complete in all respect as approved and directed by the Engineer Incharge.	574	Per.Rft		

10	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8" (50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm)centre to centre, with locking arrangement.	119	Per Sft		
11	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: new surface: 2 Coat	265	%Sft		
	Electrical Portion				
1	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials. b) On Surface i/c clamps				
i	20 mm i/d	150	P.Rft		
ii	25 mm i/d	350	P.Rft		
2	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/ wooden casing an capping/G.I.wire/trenches (rate for cables only):- 250/440 volts, PVC insulated:				
i	3/0.029”	280	P.Rft		
ii	7/0.029”	700	P.Rft		
iii	7/0.044”	350	P.Rft		
3	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge. Large	2	Each		
4	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge. One way Gange Switch (Large)				
i	Large 06 Gange	2	Each		
5	Providing and fixing M.S. iron box for housing main switches, made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- i) 60x35x15 cm (24"x14"x6")	1	Each		
6	Supplying and erection of LED Flood Light, conforming IP 65/66, having body of anodized aluminum frame with heat proof glass, input volatage 165-265AC, frequency 50/60Hz, PF 0.70 to 0.90, CRI >80, lumens minimum 120 lm/watt, Life span 30000Hrs, color 6500k/3000k. Complete in all respect, as approved and directed by the Engineer Incharge. ii) 100 Watt	4	Each		

7	Suppling ,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GEU.S.A/ SCHNEIDER GERMANY /SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND or approved equivalent manufacturer in prelaid DBs and Panels i/c the cost of screwes, necessary wire complete in all respect as approved and directed by the Engineer Incharge. a) Single Pole				
i	Single Pole 6-40 Amp (6 KA)	2	Each		
ii	Single Pole 6-63 Amp (10 KA)	2	Each		

PUNJAB SEED CORPORATION TOBA TEK SINGH

SCHEDULE OF WORK/BOQ

BILL OF QUANTITIES FOR THE CONSTRUCTION OF SEWERAGE LINE, TURBINE SURFACE WATER TANK AND WATER COURSE AT PSC FARMS TOBATEK SINGH.

Sr. No	Description	QTY	UNIT	RATE	AMOUNT
				In rupees	
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	**782**	**%o Cft**		
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50mm) gauge.	**456**	**%Cft**		
3	Reinforced cement concrete in Pile cap, slab of rafts / strip foundation, base slab of column and retaining walls; etc and footing beams, other structural members other than those mentioned in 6(a-d) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)	**131**	**P.Cft**		
4	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type B (nominal mix 1: 1½: 3)	**138**	**P.Cft**		
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars): Deformed bars (Grade-40)	**870**	**%Kg**		
6	Pacca brick work other than building upto 10ft. (3 m) height. Ratio 1:4	**176**	**%Cft**		
7	Earthwork in ordinary soil for embankments lead upto 3 mile, including ploughing, mixing and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respects:- iii) 85% maximum modified AASHTO dry density.	**5040**	**%Cft**		
8	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 2: 4	**79**	**%Cft**		

9	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- Type C (nominal mix 1: 2: 4)	**15**	**P.Cft**		
10	Cement plaster 1:4 upto 20' (6.00 m) height:-b) ½" (13 mm) thick	**989**	**%Sft**		
11	Earthwork excavation of trenches in open cutting for sewers and manhole chambers, etc. below sub-soil water level to correct section and dimensions according to templates and levels, including backfilling, shoring, timbering and shuttering of M.S. sheets on both sides of the trenches: 0 ft. to 4.0 ft. (0 to 1.20 m) depth below SSWL.	**451**	**%o Cft**		
12	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex /Popular/Beta or approved equivalent manufacturer, plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. Type (SDR 34/SN-8)				
i	6" dia 150mm Branch Pipe	**170**	**Per. RFT**		
ii	8" dia 200 mm Main Pipe	**130**	**Per. RFT**		
13	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): Ratio 1: 4: 8	**198**	**%Cft**		
14	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	**113**	**%Cft**		
15	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m) depth upto 5 ft (1.5m). By Manual in ordinary soil.	**974**	**%o Cft**		
16	Pacca brick work other than building upto 10ft. (3 m) height. Ratio 1:4	**409**	**%Cft**		
17	Pacca brick work other than building upto 10ft. (3 m) height. Ratio Ratio 1:6	**20**	**%Cft**		
18	Applying floating coat of cement 1/32" (0.8 mm) thick.	**126**	**%Sft**		

SCHEDULE – B TO BID

COMMON MANDATORY REQUIREMENTS FOR EVERY LOT

1. **PEC Registration:** Valid Pakistan Engineering Council registration in the appropriate category/class for the value and nature of the Lot.
2. **C&W Registration:** Valid Communication & Works Department, Government of Punjab registration in the relevant category, as already required under IB 2.1 of the bidding document.
3. **Bid Security:** Bid Security in the amount specified for the relevant Lot shall be submitted as required by the bidding document.
4. **Tax Registration:** Valid NTN and Sales Tax registration/active status, as applicable.
5. **Key Personnel:** (i) Site Engineer: B.Sc./B.E. Civil Engineering, registered with PEC, with at least 3 years' relevant experience.
   (ii) Site Supervisor / Sub-Engineer: At least DAE (Civil) with at least 3 years' relevant experience.
6. **Bid Completeness:** Form of Bid, required Schedules, BOQ/Schedule of Prices, Bid Security, Power of Attorney and other mandatory documents shall be submitted.
7. **Technical Compliance:** The bidder shall comply with the specifications, BOQ, drawings and other technical requirements applicable to the Lot.
8. **No Material Deviation:** Any material deviation, reservation or condition affecting scope, quality, price, completion period or contractual obligations shall render the bid non-responsive.

FINAL TECHNICAL EVALUATION

The bidder shall have the technical and financial capability necessary to perform the Contract, demonstrated by meeting all three criteria below for each Work for which it submits a bid. The criteria are applied on a pass / fail basis, Work by Work. A bid for a Work that does not meet any one of the criteria for that Work shall be rejected as non-responsive in respect of that Work under Bidding Data Clause 16.4 (iv).

No.	Criterion	Requirement	Documentary evidence to be submitted with the bid	Form
1	**Experience: completed works**	At least three (3) works of similar nature completed during the five (5) years preceding the deadline for submission of bids, each of a completed value not less than 100% of the Estimated Cost of the Work bid for.	For each work: (a) work order, letter of acceptance or contract agreement; and (b) completion certificate issued by the client stating the completed value and the date of completion.	**TC-1**
2	**Works in hand**	At least one (1) work of similar nature in hand on the deadline for submission of bids, of a contract value not less than 100% of the Estimated Cost of the Work bid for.	(a) work order, letter of acceptance or contract agreement; and (b) the latest running bill / interim payment certificate, or a certificate of the client that the work is in progress.	**TC-2**
3	**Financial capacity: annual turnover**	Average annual turnover over the last three (3) financial years not less than two (2) times the Estimated Cost of the Work bid for, applied cumulatively under para 3.7 where the bidder is the lowest evaluated bidder for more than one Work.	Audited financial statements for the three financial years. A bidder not required by law to have its accounts audited may instead submit its income tax returns filed with FBR for the corresponding tax years.	**TC-3**

The rupee value of each threshold, Work by Work, is given at Annex-A to this Addendum.

3. DEFINITIONS AND RULES OF APPLICATION

3.1 **Similar nature.** A work of similar nature means a civil works contract for the construction, reconstruction, repair, renovation or maintenance of buildings and allied works, including stores, sheds, offices, residences, boundary walls, culverts, water courses and tanks, platforms, roof treatment and waterproofing, plastering and painting, water supply, sewerage and drainage lines, and brick soling or paving. Contracts for the supply of goods or materials only, and purely electrical or mechanical works, shall not be treated as of similar nature. For Works No. 2 and 9 (waterproofing treatment), at least one of the completed works offered under Criterion 1 shall have included roof waterproofing or roof treatment, as shown in its BOQ, final bill or completion certificate.

3.2 **Completed work.** A work is completed only when the whole of the work under the contract has been executed and the client has issued a completion certificate dated on or before the deadline for submission of bids. Partly or substantially completed works shall not be counted under Criterion 1.

3.3 **Work in hand.** A work is in hand when the work order or letter of acceptance has been issued and execution has commenced, but the work has not been completed on the deadline for submission of bids. A work awarded but not commenced shall not be counted.

3.4 **Clients.** The client may be any Government, semi-Government or autonomous body, or a private organisation. For a private client, the documents required under Criteria 1 and 2 shall be accompanied by evidence of payment received against the work (tax deduction certificates or bank statements showing the receipts).

3.5 **Value of a work.** The value of a completed work is the final value of work done as certified by the client in the completion certificate or final bill. The value of a work in hand is the contract amount stated in the work order or contract agreement. No escalation or indexation shall be applied. A work executed as a member of a joint venture shall be counted only to the extent of the bidder's share stated in the joint venture agreement.

3.6 **Financial years and turnover.** Financial year means 1 July to 30 June. The last three financial years are the three most recent financial years for which audited financial statements or filed income tax returns exist on the deadline for submission of bids, ordinarily FY 2022-23, FY 2023-24 and FY 2024-25; where statements or returns for FY 2025-26 are available they may be used in place of the earliest year. Turnover means the gross revenue (receipts) of the bidder's business as shown in those statements or returns.

3.7 **Bids for more than one Work.** A bidder may bid for one, several or all of the Works. Criteria 1 and 2 shall be assessed separately for each Work against the thresholds of that Work, and the same contracts may be relied upon for more than one Work. Criterion 3 is cumulative: where a bidder is the lowest evaluated bidder for more than one Work, those Works shall be considered in descending order of Estimated Cost, and each shall be awarded to the bidder only if its Criterion 3 threshold, added to the Criterion 3 thresholds of the Works already so awarded to it, does not exceed the bidder's average annual turnover. A Work not awarded to the bidder for this reason shall be awarded to the next lowest evaluated bidder who qualifies for it.

3.8 **Joint ventures and borrowed experience.** Bids from joint ventures, consortia or associations shall not be accepted. The criteria shall be met by the bidder itself; the experience, works in hand or turnover of a sub-contractor, sister concern, parent company or any other person shall not be counted.

3.9 **False information.** A bidder who furnishes false, fabricated or materially incorrect information or documents shall be disqualified under Rule 19 of the Punjab Procurement Rules, 2014 and shall be liable to blacklisting under Rule 21. The Punjab Seed Corporation may verify any document from the issuing client, bank or authority.

4. CONSEQUENTIAL CLARIFICATIONS

4.1 **Sub-Clause IB.1.1 (complete scope of work).** "Complete scope of work" means all items of the Bill of Quantities of each Work for which a bid is submitted. A bidder may bid for any one or more of the Works; each Work shall be evaluated and awarded separately (Invitation for Bids, para 11). A bid that omits any BOQ item of a Work shall be rejected in respect of that Work.

4.2 **Schedule A, Summary of Bid Prices.** The bidder shall enter its price against each Work for which it bids and write "NOT QUOTED" against every other Work. The Total Bid Price entered in the Form of Bid shall be the total of the Works quoted. Bid security is required only for the Works quoted, in the amounts stated in the Invitation for Bids.

4.3 **Schedule B to Bid (Specific Works Data).** Schedule B, for which no form was included in the Bidding Document, shall comprise Forms TC-1, TC-2 and TC-3 attached to this Addendum, duly filled, signed and stamped, together with the documentary evidence required by Clause 11.2. No other data is required under Schedule B.

4.4 **Bidding Data Clause 16.4 (iv).** The "requisite experience, capability and qualification" are those stated in Sub-Clause IB.2.1 and in Bidding Data Clause 11.2 as substituted by this Addendum.

4.5 **Sub-Clause IB.2.1 (a) (PEC licence).** The "appropriate category for value of Works" shall be determined separately for each Work by reference to its Estimated Cost, as shown in the last column of Annex-A. The licence shall be valid on the deadline for submission of bids.

Attachments: Annex-A (rupee thresholds for each Work); Forms TC-1, TC-2 and TC-3 (Schedule B to Bid).

ANNEX-A

RUPEE THRESHOLDS FOR EACH WORK

(Bidding Data Clause 11.2, Criteria 1 to 3; all amounts in Rs. million)

Work No.	Description of Work	Estimated Cost	Criterion 1 each of 3 completed works ≥ 100%	Criterion 2 work in hand ≥ 100%	Criterion 3 avg. annual turnover ≥ 2×	Min. PEC category*
PSC PLANT KHANEWAL						
1	Paint work of intake shed & kachra shed outside of main store at PSC Plant Khanewal	1.382	1.382	1.382	2.764	C-6 or above
2	Water proofing treatment of main store at PSC Plant Khanewal	2.402	2.402	2.402	4.804	C-6 or above
3	Repair & maintenance / improvement of office block at PSC Plant Khanewal	1.649	1.649	1.649	3.298	C-6 or above
PSC FARMS KHANEWAL						
4	Construction of 5 No. culverts (puliyaan) at 81-82 & 86-87/10-R, PSC Farms Khanewal	1.713	1.713	1.713	3.426	C-6 or above
5	Construction of tractor shed of workshop at PSC Farms 86-87/10-R Colony Khanewal	4.125	4.125	4.125	8.250	C-6 or above
6	Construction of turbine room, water course and water tank/khaada, boundary wall at (Sq. No. 27/86) PSC Farms 86-87/10-R Khanewal	2.592	2.592	2.592	5.184	C-6 or above
7	Construction of boundary wall Sq. No. 32/86 & 34/86 PSC Farms 86-87/10-R Khanewal	5.928	5.928	5.928	11.856	C-6 or above
8	Construction of boundary wall 9" thick & 1500 ft length backside of PSC 81-82/10-R Farms Colony Khanewal	11.020	11.020	11.020	22.040	C-6 or above
PSC PLANT SAHIWAL						
9	Water proofing treatment of 04 Nos. stores at PSC Plant Sahiwal	29.217	29.217	29.217	58.434	C-5 or above
10	Cement plaster of walls of 02 Nos. pre-stores, roof kachra, technical, pesticide and machinery store room at PSC Plant Sahiwal	1.470	1.470	1.470	2.940	C-6 or above
11	Fire hydrant pipe line at PSC Plant Sahiwal	5.043	5.043	5.043	10.086	C-6 or above
12	Repair & maintenance of residences of officers/officials at PSC Plant Colony Sahiwal	10.522	10.522	10.522	21.044	C-6 or above
PSC FARMS SAHIWAL						
13	Repair & maintenance of plate form at PSC Farm Workshop Sahiwal	3.071	3.071	3.071	6.142	C-6 or above
14	Re-construction of tilted boundary wall at colony (219 Rft) PSC Farm Colony Sahiwal	1.153	1.153	1.153	2.306	C-6 or above
15	Construction of boundary wall against Kachi Abadi Chak No. 92/9-L, PSC Farms (401-ft length) Sahiwal	3.004	3.004	3.004	6.008	C-6 or above
16	Repair & maintenance of residences of officers/officials at PSC Farm Colony Sahiwal	7.374	7.374	7.374	14.748	C-6 or above
PSC PLANT RAHIM YAR KHAN						
17	Construction of sewerage line of office block at PSC Plant Rahim Yar Khan	1.124	1.124	1.124	2.248	C-6 or above
PSC PLANT PIPLAN						
18	Construction of stores alongwith 2 sides verandah at PSC Plant Piplan, District Mianwali	12.597	12.597	12.597	25.194	C-6 or above
PSC FARMS TOBA TEK SINGH						
19	Construction of pre-cast boundary wall and electric installation at PSC Farm Toba Tek Singh	2.128	2.128	2.128	4.256	C-6 or above

Work No.	Description of Work	Estimated Cost	Criterion 1 each of 3 completed works ≥ 100%	Criterion 2 work in hand ≥ 100%	Criterion 3 avg. annual turnover ≥ 2×	Min. PEC category*
20	Construction of farm office and 1 No. store at PSC Farms Toba Tek Singh	7.042	7.042	7.042	14.084	C-6 or above
21	Construction of sewerage line (culverts, chamber & huddies) at PSC Farm Toba Tek Singh	0.991	0.991	0.991	1.982	C-6 or above
22	External development (soling) at PSC Farms Toba Tek Singh	0.370	0.370	0.370	0.740	C-6 or above

** Sub-Clause IB.2.1 (a). Based on the limit of construction cost of project notified by the Pakistan Engineering Council for each category (C-6: up to Rs. 25 million; C-5: up to Rs. 65 million). Should the limits notified by PEC and in force on the deadline for submission of bids differ, the notified limits shall apply.*

PUNJAB SEED CORPORATION

FORM TC-1
SIMILAR WORKS COMPLETED IN THE LAST FIVE YEARS

(Bidding Data Clause 11.2, Criterion 1)

Name of Bidder: _____ **PEC Licence No. / Category:** _____

Sr.	Name and description of work	Location	Client: name, address and telephone	Work order / agreement No. and date	Completed value (Rs. million)	Date of commence-ment	Date of completion	Relied upon for PSC Work No(s).	Evidence at Annex / page No.
1									
2									
3									
4									
5									
6									
7									
8									

Notes

1. List only works of similar nature completed during the five years preceding the deadline for submission of bids (paras 3.1 and 3.2 of Addendum No. 01).
2. Attach for each work the work order / letter of acceptance / agreement and the client's completion certificate; for a private client also attach evidence of payment (para 3.4 of the Addendum). A work without these documents shall not be counted.
3. The same work may be relied upon for more than one PSC Work. Enter in the ninth column the S. No. of each PSC Work (1 to 22) for which it is offered.

I / We certify that the above information is correct and that the documents attached are genuine.

Signature and seal of authorised signatory: _____ Name: _____ Date: _____



FORM TC-2
WORKS IN HAND

(Bidding Data Clause 11.2, Criterion 2)

Name of Bidder: _____ **PEC Licence No. / Category:** _____

Sr.	Name and description of work	Location	Client: name, address and telephone	Work order / agreement No. and date	Contract value (Rs. million)	Dates of commencement and stipulated completion	Value of work done to date (Rs. million)	Balance (Rs. million)	Relied upon for PSC Work No(s).	Annex No.
1										
2										
3										
4										
5										
6										
7										
8										

Notes

1. List all works in hand on the deadline for submission of bids. Mark in the tenth column the work(s) of similar nature relied upon under Criterion 2 and the PSC Work No(s). for which they are offered (paras 3.1 and 3.3 of Addendum No. 01).
2. Attach for each work relied upon the work order / letter of acceptance / agreement and the latest running bill / interim payment certificate, or the client's certificate that the work is in progress; for a private client also attach evidence of payment (para 3.4 of the Addendum).

I / We certify that the above information is correct and that the documents attached are genuine.

Signature and seal of authorised signatory: _____ Name: _____ Date: _____



FORM TC-3
AVERAGE ANNUAL TURNOVER

(Bidding Data Clause 11.2, Criterion 3)

Name of Bidder: _____

NTN: _____

Legal status (proprietorship / AOP / company): _____

Financial year (1 July to 30 June)	Annual turnover (Rs. million)	Source document (audited financial statements / income tax return filed with FBR)	Evidence at Annex / page No.
FY 20____ - ____			
FY 20____ - ____			
FY 20____ - ____			
Total of three years			
Average annual turnover (total ÷ 3)			

Notes

1. Enter the three most recent financial years for which audited financial statements or filed income tax returns exist (para 3.6 of Addendum No. 01). Turnover is the gross revenue (receipts) of the bidder's business shown in those documents.
2. Attach the audited financial statements for each year. A bidder not required by law to have its accounts audited may instead attach its income tax returns filed with FBR for the corresponding tax years.
3. The average annual turnover shall be not less than two times the Estimated Cost of the Work bid for. Where the bidder is the lowest evaluated bidder for more than one Work, the requirement is applied cumulatively under para 3.7 of the Addendum.

I / We certify that the above information is correct and that the documents attached are genuine.

Signature and seal of authorised signatory: _____

Name: _____ Date: _____

SCHEDULE – C TO BID

PROPOSED PROGRAMME OF WORKS

Bidder shall provide a programme in a bar-chart showing the sequence of work items by which he proposes to complete the Works of the entire Contract. The programme 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.

PUNJAB SEED CORPORATION

SCHEDULE – D TO BID
METHOD OF PERFORMING WORKS

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.
- Organisation chart indicating head office & field office personnel involved in management, supervision and engineering of the Works to be done under the Contract.

(INTEGRITY PACT)
DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BY THE CONTRACTOR OF WORKS

Contract No._____ Dated _____
Contract Value: _____
Contract Title: _____
…… [name of Contractor] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan (GoP) or any administrative subdivision or agency thereof or any other entity owned or controlled by GoP through any corrupt business practice.

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

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

[name of Contractor] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other rights and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

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

Name of Procuring Agency: …… Name of Contractor: ……
Signature: …… Signature: ……
[Seal] [Seal]

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 Employer'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 Employer's drawings of the Works as listed in the Contract Data, and any Variation to such drawings.

Persons

1.1.4 "Employer" 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 Employer) any assignee.

1.1.6 "Party" means either the Employer 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 "Employer'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 Employer 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/Employer 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 notified by the Employer to act as Engineer for the purpose of the Contract and named as such in 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 Islamic Republic of Pakistan.

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 EMPLOYER

2.1 **Provision of Site**

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

2.2 **Permits etc.**

The Employer 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/Employer's Instructions**

The Contractor shall comply with all instructions given by the Employer or the Engineer, if notified by the Employer, 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/Employer shall affect the Contractor's obligations.

3. ENGINEER'S/EMPLOYER'S REPRESENTATIVES

3.1 **Authorized Person**

The Employer 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 Employer 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/Employer's Representative

The name and address of Engineer's/Employer's Representative is given in Contract Data. However the Contractor shall be notified by the Engineer/Employer, 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 Employer for such appointment which consent shall not be unreasonably withheld by the Employer. 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 Employer as aforesaid.

4.3 **Subcontracting**

Subcontracting, assignment, back-to-back execution, transfer of any sub-lot or engagement of another contractor to perform any portion of the Works is prohibited. Purchase of materials, rental of plant/equipment, independent laboratory testing and manufacturer technical assistance do not constitute subcontracting provided the bidder retains direct execution, labour control and contractual responsibility.

4.4 **Performance Security**

The Contractor shall furnish to the Employer within seven (07) days after receipt of Letter of Acceptance a Performance Security via PSID generated by Punjab e-Procurement System. The performance security shall be valid until the Contractor has executed and completed the Works and remedied any defects therein in accordance with the Contract.

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/Employer all designs prepared by him. Within fourteen (14) days of receipt the Engineer/Employer 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/Employer 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 bid 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/Employer shall be responsible for the Specifications and Drawings.

6. EMPLOYER'S RISKS

6.1 The Employer's Risks

The Employer'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) ionising radiations, or contamination by radio-activity 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 Employer 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 Employer's personnel or by others for whom the Employer 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 Employer and accepted by the Employer.

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 **Programme**

Within the time stated in the Contract Data, the Contractor shall submit to the Engineer/Employer a programme 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 Employer/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 Employer/Engineer for a reasonable extension in the time for the completion of Works. Subject to the aforesaid, the Employer/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 the such determination by the Employer/Engineer within such period as may be prescribed by the Employer/Engineer for the same; and

the Employer 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 Employer 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/Employer 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 Employer/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 Employer/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 stated in the Contract Data from the date of issue of the Certificate of Completion carry out, at no cost to the Employer,

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 Employer/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 Employer/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 Employer 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/Employer 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 Employer**/**Engineer may issue Variation Order(s) in writing. Where for any reason it has not been possible for the Employer/Engineer to issue such Variations Order(s), the Contractor may confirm any verbal orders given by the Employer/Engineer in writing and if the same are not refuted/denied by the Employer/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/Employer considers appropriate, or

e) if the Engineer/Employer 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/Employer 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/Employer 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 because of any of the Employer's Risks, the Contractor shall be entitled to the amount of such Cost. If because of any Employer'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/Employer within fourteen (14) days of the occurrence of cause.

10.5 **Variation and Claim Procedure**

The Contractor shall submit to the Engineer/Employer 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/Employer shall check and if possible, agree the value. In the absence of agreement, the Employer 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 under any other provision of the Contract, shall be paid by the Employer to the Contractor within thirty (30) days from the date of submission of the duly verified Interim Payment Certificate by the Engineer. In the event of the failure of the Employer to make payment within the times stated, the Employer 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.

(b) **Valuation of the Works**

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

11.2 **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 shall verify the same and issue the Interim Payment Certificate. The Employer shall make payment within thirty (30) days from the date of submission of the duly verified Interim Payment Certificate by the Engineer.

11.3 **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 Employer together with any documentation reasonably required to enable the Employer to ascertain the final contract value.

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

11.4 **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/Employer or fails to proceed expeditiously and without delay, or is, despite a written complaint, in breach of the Contract, the Employer 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 Employer's notice, the Employer 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 Employer 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 Employer**

If the Employer 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 Employer'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 Employer'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 Employer 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 Employer is entitled,

c) if the Employer has terminated under Sub-Clause 12.1 or 12.3, the Employer 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 demobilisation 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 Employer's/Engineer's issuance of Certificate of Completion under Sub-Clause 8.2. Responsibility shall then pass to the Employer. 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 Employer's Risks, the Contractor shall indemnify the Employer, 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/Employer immediately. If necessary, the Contractor may suspend the execution of the Works and, to the extent agreed with the Employer demobilise 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 Employer is entitled.

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

14. INSURANCE

Before commencement, the Contractor shall maintain workers/employees insurance or statutory compensation cover, Contractor's All Risk/works cover at full replacement value where commercially available/applicable, and third-party liability adequate for the site risk. Evidence shall be provided to PSC.

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 Employer 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 Employer 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 Employer 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 Employer 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 hereabove, 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.

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-E to his Bid, then the Employer 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 Employer 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 Employer 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 Employer under Sub-Para (a) and (c) of this Sub-Clause.

CONTRACT DATA

Data Item	Requirement
Employer	Punjab Seed Corporation, 4-Lytton Road, Lahore
Tender / IFB No.	08/2026-27
Procurement title	Civil & Allied Works at PSC Khanewal, Sahiwal, Rahim Yar Khan, Piplan and Toba Tek Singh
Method / procedure	National Competitive Bidding; Single Stage Two Envelope; Punjab e-Procurement System (www.ep.punjab.gov.pk)
Number of Lots	22 lots
Lot wise bidding	Permitted for one or more complete lots.
Evaluation basis	Evaluation shall be done separately for each lot.
Alternative bids	Not permitted
Joint venture / consortium	Not permitted
Subcontracting	Strictly prohibited
Currency	Pakistani Rupees
Bid security	2% of estimated value of each lot.
Bid validity	60 days
Bid submission	Punjab E-Procurement System only
Deadline	**November 12th** 2026, 11:00 AM
Pre-bid meeting	November 3rd, 2026 at 11:00AM, Committee Room, PSC HQ Lahore
Opening	12th November 2026, 11:30 AM; electronic opening through EPADS / Committee Room, PSC Head Office, 4-Lytton Road, Lahore
Clarification request deadline	Not later than 10 calendar days before bid closing; any material clarification/addendum shall be issued sufficiently before closing and the deadline extended where required to preserve the prescribed response time
Price adjustment	Not applicable; firm rates
Performance security	10% of awarded contract price; to be deposited online via PSID on Punjab E-procurement System
Retention	10% of the contract value. Can be adjusted against performance security.
Defects liability	12 months from completion/taking-over of the relevant lot
Special warranty	Waterproofing works: 5-year contractor warranty against leakage/failure, without limiting the general defects obligations
Liquidated damages	0.10% of the value of the delayed lot per calendar day, maximum 10% of that lot contract value
Advance payment	None
Interim payment	On completion of 75% work, 50% of the value of completed work shall be paid, subject to verification by sub-engineer. Rest of the 50% amount shall be paid upon 100% completion of the work.
Additional performance / quality assurance security	None solely because a bid is below the engineer estimate; only the performance security expressly stated in this document shall apply, subject to any binding law in force at invitation date
Grievance redressal	PSC Grievance Redressal Committee under the prevailing Punjab Procurement Rules; complaint within 10 days after announcement of the bid evaluation report; decision within the statutory period
Arbitration / seat	Arbitration Act, 1940; seat/place Lahore, Pakistan, unless otherwise agreed in writing

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of _____ 2026 _____ between _____(hereinafter called the "Employer") of the one part and _____ (hereinafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works, 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 witnessed 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 Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects within the provisions of the Contract.

4. The Employer 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 Contractor	Signature of the Employer
_____	_____
(Seal)	(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:	Witness:
_____	_____
(Name, Title and Address)	(Name, Title and Address)

SPECIFICATIONS

TECHNICAL SPECIFICATIONS FOR CIVIL WORKS

1. GENERAL REQUIREMENTS

All materials incorporated in the Works shall be new, sound, durable, of approved quality and obtained from approved manufacturers or sources. Materials shall conform to the relevant Pakistan Standards (PS), ASTM, BS, AASHTO or other internationally recognized standards, where applicable.

No material shall be incorporated into the Works until samples, manufacturer's certificates and/or test reports have been submitted to and approved by the Engineer.

The Contractor shall be responsible for proper transportation, handling, stacking, storage and protection of all materials. Any material found defective, damaged, contaminated, deteriorated or not complying with the specified requirements shall be rejected and removed from the site at the Contractor's own cost.

The Engineer shall have the right to inspect and test materials at the source, manufacturer's premises, laboratory, site or at any other stage of the Works.

2. BRICKS

2.1 Type and Quality

Bricks shall be first-class, well-burnt, kiln-fired clay bricks, uniform in shape and colour, sound, hard, durable and free from cracks, stones, lime nodules, excessive efflorescence and other defects.
The nominal standard size shall generally be approximately 230 × 115 × 75 mm (9" × 4.5" × 3"), unless otherwise specified in the drawings or BOQ. Bricks shall have sharp edges, reasonably plane faces and uniform dimensions.

2.2 Required Tests

Bricks shall be tested as and when directed by the Engineer for:

i) Compressive/Crushing Strength Test
ii) Water Absorption Test
iii) Efflorescence Test
iv) Dimension/Size and Shape Test
v) Soundness/Hardness Test, where required

Bricks failing to meet the specified strength, absorption or appearance requirements shall be rejected.

2.3 Brick Masonry

Brick masonry shall be laid in approved cement mortar, normally 1:4 or 1:6 cement:sand, as specified in the BOQ. Bricks shall be properly soaked/wetted before laying. Courses shall be horizontal, walls plumb and corners true. Vertical joints shall be properly staggered and all joints shall be completely filled with mortar. Joints shall generally be approximately 10 mm thick unless otherwise specified. Brickwork shall be cured for a minimum of 7 days.

3. CEMENT

3.1 Type and Quality

Cement shall be Ordinary Portland Cement (OPC) or other approved type suitable for the intended application. Where environmental conditions require special cement, such as Sulphate Resistant Cement, the same shall be used only as specified in the drawings/BOQ or directed by the Engineer.
Cement shall be fresh, free from lumps and deterioration and shall conform to the applicable Pakistan Standard or approved equivalent international standard.

3.2 Required Tests

Cement may be tested for:

i) Fineness
ii) Standard Consistency
iii) Initial Setting Time
iv) Final Setting Time
v) Soundness
vi) Compressive Strength
vii) Specific Gravity, where required

Manufacturer's test certificates shall be submitted where required. Cement bags shall normally be stored in a dry, weatherproof store above ground level and protected from moisture.

4. FINE AGGREGATE / SAND

4.1 Type and Quality

Sand shall be clean, hard, durable, well graded and free from clay, organic matter, mica, salts and other harmful substances. For concrete, approved natural sand or manufactured fine aggregate may be used subject to compliance with the specified grading and quality requirements. Sand containing excessive silt or clay shall not be used unless suitably washed and approved.

4.2 Required Tests

Fine aggregate shall be tested, where required, for:

i) Sieve Analysis / Particle Size Distribution

ii) Silt and Clay Content
iii) Specific Gravity
iv) Water Absorption
v) Moisture Content
vi) Organic Impurities Test
vii) Soundness Test, where required

Material Finer than 75 Micron Test, where applicable Sand shall be stored separately on a clean hard surface to prevent contamination.

5. COARSE AGGREGATE / CRUSH

5.1 Type and Quality

Coarse aggregate shall consist of hard, strong, durable, clean and angular crushed stone of approved source. It shall be free from clay, dust, organic matter, soft particles and other deleterious substances.

The aggregate size shall be selected according to the structural requirements and approved mix design. Common sizes include 10 mm, 20 mm and 40 mm nominal sizes.

5.2 Required Tests

Coarse aggregate shall be tested for:

i) Sieve Analysis / Gradation
ii) Aggregate Crushing Value (ACV)
iii) Aggregate Impact Value (AIV)
iv) Los Angeles Abrasion Test
v) Water Absorption
vi) Specific Gravity
vii) Soundness
viii) Flakiness Index
ix) Elongation Index
x) Deleterious Material/Clay Content

The Engineer may require additional tests depending upon the nature and importance of the Works.

6. WATER

Water used for concrete, mortar, curing and other cement-based works shall be clean and free from harmful quantities of oil, acids, alkalis, salts, organic matter and other substances detrimental to concrete or reinforcement. Potable-quality water shall preferably be used. Required Tests, Where Necessary Water may be tested for:

i) pH value;
ii) Chloride content;
iii) Sulphate content;
iv) Total dissolved solids;

v) Organic impurities; and
vi) Other harmful substances.

Water shall be approved by the Engineer before use where its quality is uncertain.

7. CONCRETE

7.1 Type and Grade

All RCC works shall be executed using concrete of the grade specified in the relevant BOQ and/or approved drawings (M-20, M-25, etc., as applicable to the respective structural element). Concrete shall preferably be produced using an approved design mix complying with the specified strength requirements. Where a nominal mix such as 1:2:4 is stated in the BOQ, the specified concrete grade and strength requirements shall govern. All necessary sampling, cube testing and quality-control testing shall be carried out as specified by the Engineer. Higher grades shall be used where indicated in structural drawings. The specified concrete grade shall achieve the required characteristic compressive strength at 28 days.

7.2 Mix Design

For structural concrete, an approved design mix shall preferably be used. The mix shall be designed considering cement content, aggregate grading, water-cement ratio, required strength and workability.

The water-cement ratio shall be controlled and shall not be increased at site without approval.

7.3 Concrete Tests

Fresh and hardened concrete shall be tested as required, including:

i) Slump Test
ii) Concrete Cube/Cylinder Compressive Strength Test
iii) Concrete Temperature Test, where required
iv) Density/Unit Weight Test, where required
v) Trial Mix / Mix Design Testing

Concrete cubes shall normally be tested at 7 days and 28 days, where directed by the Engineer.

The 28-day compressive strength shall be the principal criterion for acceptance unless otherwise specified.

7.4 Placing and Compaction

Concrete shall be placed without segregation and shall be properly compacted using approved mechanical vibrators. Construction joints shall only be provided at approved locations.

No concrete shall be placed until formwork and reinforcement have been inspected and approved.

7.5 Curing

Concrete shall be adequately cured by continuous wetting, wet coverings, curing compounds or another approved method. Unless otherwise specified, curing shall continue for at least 7 days, with longer periods where required by the Engineer.

8. REINFORCEMENT STEEL

8.1 Type and Grade

Reinforcement shall consist of high-yield deformed steel bars of approved manufacturer and grade.

The grade shall be as specified in the structural drawings, such as Grade 40 or Grade 60, or equivalent approved grade. Steel shall be free from loose rust, oil, grease, paint, mud and other contaminants.

8.2 Required Tests

Steel reinforcement shall be tested, where required, for:

i) Yield Strength
ii) Ultimate Tensile Strength
iii) Percentage Elongation
iv) Bend Test
v) Re-Bend Test
vi) Bar Diameter/Weight Check
vii) Chemical Composition, where required

Mill Test Certificates shall be provided for reinforcement steel when requested by the Engineer.

8.3 Cutting, Bending and Fixing

Reinforcement shall be cut and bent in accordance with approved structural drawings and Bar Bending Schedule (BBS). Bars shall be properly placed and securely tied using approved binding wire. Concrete cover shall be maintained through approved concrete cover blocks/spacers. No reinforcement shall be displaced during concrete placement.

9. BINDING WIRE

Binding wire shall be clean, sufficiently ductile and suitable for securely tying reinforcement.

Generally, 16 or 18 gauge annealed mild steel binding wire may be used unless otherwise specified.

Binding wire shall be free from excessive rust, oil and other contaminants.

10. FORMWORK / SHUTTERING

Formwork shall be constructed from approved steel, plywood or other suitable material capable of maintaining the required dimensions and alignment. Quality Requirements Formwork shall:

i) Be rigid and adequately supported;
ii) Be true to line, level and dimensions;
iii) Prevent leakage of cement slurry;
iv) Provide the required concrete finish;
v) Be properly cleaned before concrete placement; and
vi) Be treated with approved release agent.

Formwork shall not be removed until the concrete has attained sufficient strength to safely support itself and the imposed loads.

11. CEMENT MORTAR

Mortar shall consist of approved cement, clean sand and clean water. Unless otherwise specified:

i) 1:3 cement:sand mortar may be used for high-strength/plastering applications;
ii) 1:4 cement:sand mortar may be used for masonry/plastering where specified;
iii) 1:6 cement:sand mortar may be used for general brick masonry where specified.

The specified ratio shall be measured accurately by volume or by another approved method. Mortar shall be thoroughly mixed and used before initial setting. Re-tempering of partially set mortar shall not be permitted.

12. PLASTERING

Plaster shall be applied over properly prepared masonry or concrete surfaces. The surface shall be cleaned, wetted and prepared to provide adequate bond. Plaster mortar shall generally be 1:4 or 1:6 cement:sand, as specified in the BOQ. The thickness shall be as specified in the drawings or BOQ, commonly 12 mm or 15 mm for internal/external plastering. Plastered surfaces shall be true, even, plumb and free from cracks, hollows and undulations. Proper curing shall be carried out for not less than 7 days.

13. DAMP PROOF COURSE (DPC)

DPC shall be provided at locations indicated in the drawings. The DPC shall consist of approved cement concrete with waterproofing compound, bituminous membrane or another approved system as specified. The DPC shall be continuous and properly bonded/sealed at joints. The material shall be resistant to moisture penetration and shall be installed strictly in accordance with the approved method statement.

14. FLOOR AND WALL TILES

Tiles shall be of approved make, type, size, thickness, colour, texture and finish.
Required Quality Checks/Tests Tiles shall be checked for:

i) Dimensions and thickness;
ii) Surface finish;
iii) Square ness and straightness;
iv) Water absorption;
v) Breaking strength;
vi) Resistance to abrasion, where applicable;
vii) Visual defects and colour variation.

Tiles shall be laid true to line and level with uniform joints. Damaged, cracked or defective tiles shall be removed and replaced.

15. PAINTING MATERIALS

Paints shall be of approved make and suitable for the specified surface and environmental conditions.

The system may consist of:

i) Surface preparation;
ii) Approved primer;
iii) Putty where specified;
iv) Undercoat; and
v) Two or more finishing coats.
vi) Quality Requirements

Paint shall have uniform colour, proper adhesion and adequate coverage and shall be free from excessive settlement, skinning or deterioration. Each coat shall be allowed to dry adequately before application of the subsequent coat. Exterior surfaces shall be finished with an approved weather-resistant coating where specified.

16. WATERPROOFING MATERIALS

Waterproofing materials shall be of approved type and manufacturer and shall be compatible with the substrate and intended application. Depending upon the Works, the system may include:

i) Cementitious waterproofing;
ii) Bituminous membrane;
iii) Liquid-applied waterproofing;
iv) Waterproofing admixture; or
v) Other approved proprietary system.

The Contractor shall submit manufacturer's technical data, application procedure and warranty/certification where required. A water-tightness test shall be carried out where applicable, particularly for roofs, toilets, tanks and other water-retaining or wet areas.

17. TESTING, INSPECTION AND QUALITY CONTROL

The Contractor shall establish and maintain an effective quality-control system throughout the Works.

All tests shall be performed in an approved laboratory or by approved site testing equipment.

The following minimum tests may be required depending upon the nature of the Works:

Material Principal Tests:

i) **Bricks**
Compressive strength, water absorption, efflorescence, dimensions

ii) **Cement**
Fineness, consistency, setting time, soundness, compressive strength

iii) **Sand**
Sieve analysis, silt content, specific gravity, water absorption, organic impurities

iv) **Coarse Aggregate**
Gradation, ACV, AIV, abrasion, flakiness, elongation, water absorption

v) **Water**
pH, chlorides, sulphates, TDS, harmful impurities

vi) **Concrete**
Slump, cube/cylinder compressive strength, mix design

vii) **Steel**
Yield strength, tensile strength, elongation, bend and re-bend tests

viii) **Tiles**
Dimensions, water absorption, breaking strength, surface defects

ix) **Waterproofing**
Manufacturer certification, adhesion/water-tightness testing as applicable

x) **Paint**
Manufacturer certification, adhesion/coverage and visual inspection

Test results shall be submitted to the Engineer for record and approval. The Engineer may **order additional/any other or repeat testing** where the quality of material or workmanship is in doubt. Any material or work failing to comply with the specified requirements shall be rejected, removed or rectified at the **Contractor's expense**.

18. MATERIAL APPROVAL AND SAMPLE SUBMISSION

Before commencement of relevant work, the Contractor shall submit representative samples, manufacturer's literature, certificates of conformity and laboratory test reports for approval.

Approved samples shall be retained at site as reference samples wherever considered necessary.

No substitution of an approved material, manufacturer, grade or specification shall be made without prior written approval of the Engineer/Employer.

19. STORAGE AND HANDLING

All materials shall be stored in a manner that prevents deterioration, contamination, damage or intermixing.

i) Cement shall be stored under dry and weatherproof conditions.
ii) Steel shall be stacked above ground and protected from contamination.
iii) Aggregates shall be stored separately according to size and source.

iv) Bricks shall be stacked properly on firm ground.

The Contractor shall be **responsible** for replacing any material damaged due to improper storage or handling.

20. COMPLIANCE AND ACCEPTANCE

All Works shall comply with the approved **drawings, BOQ, Technical Specifications, applicable standards** and **written instructions of the Engineer**. Where two or more standards are referenced, the more stringent requirement shall apply unless otherwise approved in writing. The Engineer's inspection or approval of materials or workmanship shall not relieve the Contractor of his contractual responsibility for the quality, durability and satisfactory completion of the Works.