



Tender Document

Civil Works Tender No. 01/2015-16

Miscellaneous Civil & Ancillary Works



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(April 2016)



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Punjab Seed Corporation
 4-Lytton Road, Lahore

TENDER NOTICE

Sealed bids (single stage, two envelope), are invited from construction contractors, firms, companies and builders validly registered and enlisted with the Pakistan Engineering Council or other appropriate bodies including the provincial or local government departments in the relevant category for the below listed civil and allied works at various PSC Centres in Punjab.

Sr.	Description	Estimated Cost (Rs)	Completion Period	Receiving Date & Time	Opening Date & Time
PSC SEED PLANT AND FARMS KHANEWAL					
1	Waterproofing treatment of valleys & gutters including proper slopes for speeding drainage of rainwater of shell roofs at Seed Plant	4,274,000	4 months	20.05.2016 (11:00 AM)	20.05.2016 (11:30 AM)
2	Repair and maintenance of overhead water reservoir at Seed Plant	142,000	-do-	-do-	-do-
3	Extension/Renovation of kitchen at Rest House	358,000	-do-	-do-	-do-
4	Construction of boundary wall of Children Park at Plant Colony	373,000	-do-	-do-	-do-
5	Construction of footpath & jogging track at Children Park Plant Colony	191,000	-do-	-do-	-do-
6	P/F of MS Grill at boundary wall of children park Plant Colony	711,000	-do-	-do-	-do-
7	Repair & Maintenance of road from intake shed to front of cotton section, main store, pre-store and store-12 at Seed Plant	1,803,000	-do-	-do-	-do-
8	Replacement of water supply line for firefighting arrangements (extension area) at Seed Plant	688,000	-do-	-do-	-do-
9	Construction of acid water tank (50'x40') & RCC pipeline for outlet of acid washing water at Seed Plant	791,000	-do-	-do-	-do-
10	Repair & maintenance of Office Block at Seed Plant	346,000	-do-	-do-	-do-
11	Replacement of roof of security office at Seed Plant	169,000	-do-	-do-	-do-
12	Cement plaster of the boundary wall north & south sides of Seed Plant	172,000	-do-	-do-	-do-
13	Repair & maintenance of mosque of Seed Plant	118,000	-do-	-do-	-do-
14	Repair of bathroom & toilet for labour at Seed Plant	117,000	-do-	-do-	-do-
15	Repair & maintenance of metal road from main gate to Rest House at Colony (81-82/10-R)	620,000	-do-	-do-	-do-
16	Construction of boundary wall east & south side chak abadi Seed Farm 81-82/10-R	1,403,000	-do-	-do-	-do-
17	Construction of boundary wall of kacha store PSC Farm 81-82/10-R	1,342,000	-do-	-do-	-do-
18	Brick soling of thrashing floor in DC area Sq No.27/86 at Farm 86-87/10-R	1,036,000	-do-	-do-	-do-
19	Reconstruction of watercourse in Sq. No.14&15/86 DC area Farm 86-87/10-R	902,000	-do-	-do-	-do-
20	Repair & maintenance of concrete road in front of office & officer residences at Farm 86-87/10-R	274,000	-do-	-do-	-do-
21	Repair & whitewashing of store & veranda at Farm 86-87/10-R	140,000	-do-	-do-	-do-
22	Fixing of angle iron and barbed wire at Store 86-87/10-R	48,000	-do-	-do-	-do-
PSC SEED PLANT AND FARMS SAHIWAL					
1	Extension of vehicle stand Seed Plant	161,000	3 months	20.05.2016 (11:00 AM)	20.05.2016 (11:30 AM)
2	Brick soling around main/pre-store & plant boundary	2,312,000	-do-	-do-	-do-
3	Concrete floor of platform at Seed Plant	938,000	-do-	-do-	-do-
4	Addition, alteration, renovation & improvement of Rest House	1,353,000	-do-	-do-	-do-



5	Repair & maintenance of Admn. Block Plant	4,00,000	-do-	-do-	-do-
6	Repair & maintenance of Plant Building, Stores & Labour rooms	1,000,000	-do-	-do-	-do-
7	P/F of water filtration plant with civil structures at Seed Plant	650,000	-do-	-do-	-do-
8	Repair of Internal road from main gate to Cold Store & main gate to end of main store at Seed Plant	2,502,000	-do-	-do-	-do-
9	Repair of Internal road from main gate to Rest House at Colony	1,500,000	-do-	-do-	-do-
10	Construction of Kachra Shed (25'x20'18') at Seed Plant	615,000	-do-	-do-	-do-
11	Extension of Glass House (31' x 24'x14')	1,177,400	-do-	-do-	-do-
PSC SEED PLANT RAHIMYAR KHAN					
1	Construction of foundation of girder, concrete platform, acid washing tank wall & marble plates inside Seed Plant	648,000	3 months	20.05.2016 (11:00 AM)	20.05.2016 (11:30 AM)
2	Reconstruction of Germination Room at Seed Plant	243,000	-do-	-do-	-do-
3	Renovation of Quality Control Laboratory at Seed Plant	212,000	-do-	-do-	-do-
4	Renovation of Germination Room Seed Plant	294,000	-do-	-do-	-do-
5	Tuff tile work front of office at Seed Plant	70,000	-do-	-do-	-do-
6	P/F of china glaze tiles 24"x24" and distemper work of veranda at Rest House	40,000	-do-	-do-	-do-
7	P/F of china glaze tiles 24"x24" and distemper work of dining hall at Rest House	94,000	-do-	-do-	-do-
8	P/F of china glaze tiles 24"x24" and distemper work of kitchen at Rest House	53,000	-do-	-do-	-do-
9	Construction of watercourse for disposal of sewerage water at Colony	87,000	-do-	-do-	-do-
10	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	98,000	-do-	-do-	-do-
11	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	60,000	-do-	-do-	-do-
12	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	46,000	-do-	-do-	-do-
13	P/F of water filtration plant with civil structures at Seed Plant	650,000	-do-	-do-	-do-
PSC SEED PLANT AND FARMS PIPLAN, MIANWALI					
1	Repair of Offices Admn Block at Seed Plant	27,000	3 months	20.05.2016 (11:00 AM)	20.05.2016 (11:30 AM)
2	Repair of machinery hall at Seed Plant	102,000	-do-	-do-	-do-
3	Repair of Officer Residence No.1	40,000	-do-	-do-	-do-
4	Repair of Staff Quarters No.4,12&13	108,000	-do-	-do-	-do-
5	Repair of Staff Quarters No.6,7,8 & 9	160,000	-do-	-do-	-do-
6	Repair Rest House Piplan	189,000	-do-	-do-	-do-
7	P/F of water filtration plant with civil structures at Seed Plant	650,000	-do-	-do-	-do-

- Interested parties can purchase complete set of tender documents @ Rs.5,000/- (Rupees Five Thousand only) from the office of the undersigned on or before 20th May 2016. Tender documents can be downloaded also from the websites <ppra.punjab.gov.pk> or from the PSC website <psc.punjab.gov.pk>. In case of downloaded documents, tender purchase fee must be paid in the form of DD, PO or CDR at the time of submission of the bid, failing which, the bid shall not be entertained.
- Tender documents must be accompanied by earnest money in the form of a CDR from a scheduled bank in favour of the Punjab Seed Corporation @ 2% of the estimated cost and enclosed inside the sealed envelope containing the bid.
- Further details can be obtained from the office of the undersigned during office hours on all working days by all available means of communications.

Director (Administration)
Punjab Seed Corporation

Note: Interested parties are requested to visit to inspect the work sites before quoting their rates.



Introduction

This bidding document aims for the procurement of bids from the interested but otherwise eligible and qualified persons, firms, contractors, builders and consortium for carrying out civil works at various establishments of the Punjab Seed Corporation (PSC).

In order to simplify the procedure, without comprising on the quality, objectivity, cost-effectiveness, time effectiveness, ease of participation and free and fair competition by the prospective bidders, this bidding document has been divided into various sections and sub-sections. **Section-1** contains aspects relating to Invitation to bids. **Section-2** contains the definitions applicable to the tender document and the bidding process. **Section-3** presents the general conditions of bidding. **Section-4** details the procedure for submission of bids. **Section-5** is about opening and evaluation of the bids. **Section-6** relates to award of contract to successful bidders. **Section-7** describes the miscellaneous terms and conditions of biddings.

The tender document also contains certain annexes and appendices, which are an integral part of the tender document. **Annex-1** is the list of the civil and allied works depicting the schedule of earnest money & the completion time. **Annex-2** presents detailed specifications and scope of the work. **Annex-3** is the Bid Proforma to be filled in by the participating bidders. **Annex-4** is the proforma for bid price offer to be filled in by the participating bidders. **Annex-5** is specimen of the undertaking to be submitted by the prospective bidders that they understand, agree to and will comply with the terms and conditions of the bidding. **Annex-6** is a specimen of the Contract Agreement that may be executed between the Punjab Seed Corporation and the successful Bidder, if so required.

NOTE: AS THIS BID DOCUMENT HAS BEEN DESIGNED TO COVER NUMBER OF REQUIREMENTS, THE BIDDERS MAY IGNORE AND STRIKE OUT THE PROVISIONS THAT DO NOT RELATE TO THEIR BID REQUIREMENTS. THIS WILL NOT RENDER THEM DISQUALIFIED OR LIABLE TO REJECTION AT ALL





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Section-1

Invitation to Bid

Civil Works Tender No. 01/2015-16

(Miscellaneous Civil and Allied Works at the Seed Processing Plants, Seed Farms and other Office Establishments of the Punjab Seed Corporation)

Time & Date of Receipt of Bids: At 11:00 AM on 20.05.2016

Time & Date Opening the Bids: At 11:30 AM on 20.05.2016

Amount of Earnest Money: @2% of the estimated price given in the tender doc

Bid Validity Period: 45 days from the date of opening of the bids

Accomplishment Period: as per the schedule given in the work order

Place of Work: As mentioned in the work order

Note: This invitation to bids is only for the accomplishment of the civil and the allied ancillary works, as are mentioned in this tender document, in the duly published tender notice, on the website of the PSC and on the portal of the Punjab Procurement Regulatory Authority (PPRA) under the authority of the Managing Director, PSC.

Whereas, the PSC intends to award contracts for the accomplishment of various civil works at various centres and establishments of the PSC in the Punjab by calling the open competitive tenders from the interested parties, individuals, firms, companies, corporations and consortia, registered with the concerned regulatory and controlling authorities in this respect.

Now, therefore, the Punjab Seed Corporation (hereinafter also referred as the “Corporation” and abbreviated as PSC) invites sealed bids from the eligible bidders for carrying out and accomplishing the said civil and ancillary works subject to the conditions as laid down in this bid document and in accordance with the provisions of the Punjab Procurement Rules (PPRA), 2014.

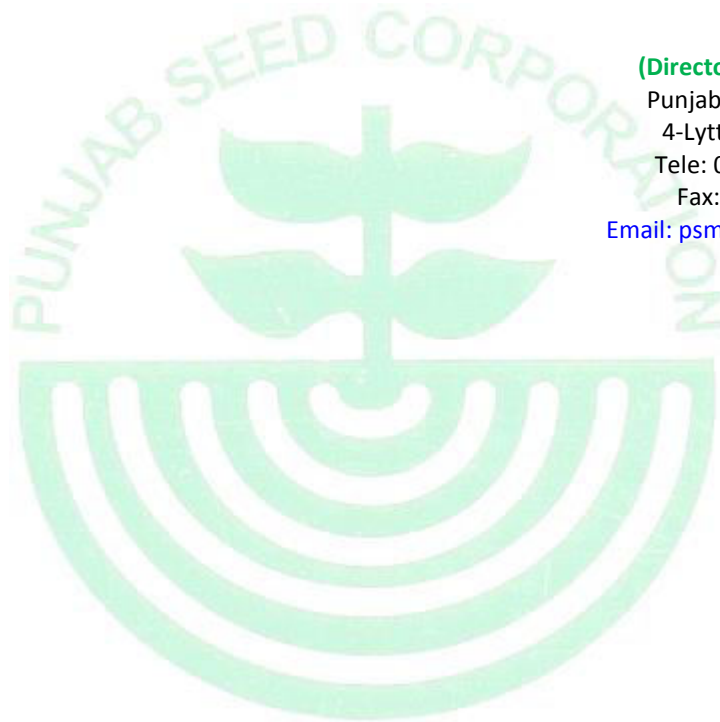
1.0: Applicable Conditions:

1. Bidding will be conducted through a competitive bidding process in accordance with the Punjab Procurement Regulatory Authority Act 2009 and as laid down in the Punjab Procurement Rules 2014. Participation will be open to all the interested bidders who fulfil the requisite qualifications and criteria of participation.
2. Interested bidders can purchase a complete set of the Bidding Documents from the address given below by presenting a written application on their official letterhead and upon payment of a non-refundable fee as mentioned in the advertisement notice in cash, call deposit receipt, demand draft and pay order. The document can also be downloaded from the website of the Punjab Seed Corporation <www.psc.punjab.gov.pk> and the Punjab Procurement Regulatory Authority at <ppra.punjab.gov.pk>. However, in case of participation through a downloaded document, the bidder will have to pay the cost of the document in cash or through bank instrument at the time of submission of the bid. Otherwise, his bid will not be entertained.
3. The bidding process will be the Single Stage Two Envelope Procedure i.e., Technical and Financial Bids in two duly sealed separate envelopes. Bids must be submitted only and only in properly sealed envelopes. The bids presented in open envelopes will be rejected straightaway.
4. No bids will be accepted after the prescribed time and date of submission in that respect.
5. Tender documents alongwith supporting documents, if any, will be opened as per the schedule given in the advertisement notice in the presence of the bidders or their authorized representatives who choose to attend the opening ceremony. The proceedings will not halt merely on account of absence or missing of a bidder or representative of the participating entity.
6. Conditional or incomplete bid documents that are not in accordance with the conditions of the bidding process or the PPRA Rules 2014 will not be accepted or considered for evaluation.
7. Competent authority reserves the right to reject or accept any or all of the bids at any stage without assigning any reason thereof.
8. Bidders might be asked to deposit a non-refundable sum to be specified by the Punjab Seed Corporation as the “Processing Fee” for scrutinizing their bid papers at any time before or after opening of the bids.
9. Bidders will submit their offers on the prescribed Bid Proforma attached to this invitation to bids and shall sign the certificate and the undertaking as given in this document to the effect that the works shall be performed and carried out exactly and in accordance with the requirements specified in the tender documents. In case of any difference or deviation of the specifications, the bidder shall state clearly the extent of such deviation in his bid papers. Otherwise, it will be presumed that the offer is strictly in accordance with the requirements and specifications of the Punjab Seed Corporation.
10. Tender document must be accompanied by earnest money in the form of a CDR, Bank Draft and Pay Order at the rates mentioned in the Schedule for Earnest Money as given in this Tender Document issued by a scheduled bank in favour of the PSC. Tenders without earnest money will be rejected straightaway.



11. Bid documents, complete in all respects, must be delivered at the below given address at the specified time in the specified manner. Bids received after the cut-off time and date will not be entertained.
12. The period of validity of the offer will be at least 45 days from the date of opening of the bids and may be extendable by the bidder on request of the Punjab Seed Corporation without any additional liability.
13. Place of work and the accomplishment schedule shall be as specified in the work order to be issued to the successful bidder(s) in accordance with the contract agreement.
14. Failure to submit the bid in the manner prescribed in this invitation to bids may result in rejection of the bid as being a non-responsive one.
15. The firms or individuals blacklisted by a public authority shall be ineligible to participate in the bid.
16. The PSC does not pledge itself to accept necessarily the lowest bid and reserves to itself the right of accepting a bid in accordance with the evaluation criteria regardless of the lowest quoted price.
17. In case of a composite tender notice for different items at a time, the bidders shall be at liberty to quote for anyone or all of the requisite works.
18. The Contract Agreement arising out of this invitation to bids shall be governed by and shall be subject to the general and the special conditions of contract as are agreed to and signed by the PSC and the Contractor and shall also be subservient to the terms and conditions governing the contracts as contained in the PPRA Rules 2014 and the general provisions of the Contract Act, 1940 and other laws as and where applicable.
19. A bidder quoting in pursuance to this Invitation to Bids shall be deemed to have read and understood all the conditions thereof and the particulars of the tenders required by the Punjab Seed Corporation.

Interested and eligible bidders may obtain further information from the Office of the Director (Admn), Punjab Seed Corporation, Head Office situated at 4 Lytton Road, Lahore during office hours from 08:00 AM to 3:00 PM on any working day by or before 20-05-2016.



(Director (Administration))

Punjab Seed Corporation

4-Lytton Road, Lahore

Tele: 042 9921 2571-74

Fax: 042 9921 2570

Email: psmd@psc.punjab.gov.pk



Section-2

Definitions

In this document, the following terms shall be interpreted as defined below:

1. **“Bidder”** means the person, firm, party or the entity participating in the bidding process and offering to carryout, perform and accomplish the civil and allied works as demanded by the PSC.
2. **“Bid Price”** means the price quoted by the bidder in the bid papers submitted by him.
3. **“Contract”** means the agreement entered into between the PSC and the contractor, as recorded in the contract agreement signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
4. **“Civil Work”** means repair, alteration, addition, amendment, superimposition, construction and reconstruction works of structures, buildings, seed processing plants, seed farms, roads, streets, bridges, utilities, watercourses, water supply projects, wastewater plants, water distribution and wastewater conveyance facilities, storm drainage and flood control projects involving usage of the construction and construction related materials, implements and equipment.
5. **“Contract Price”** means the price payable to the contractor under the contract for the full and proper performance of its contractual obligations.
6. **“Contractor”** means the individual, firm, company, corporation or a consortium required to perform the contractual obligations in accordance with the terms and conditions of the contract in specific and the laws of the land in general and include a supplier of the goods, services and works under the contract, supply order and or the work order.
7. **“Day”** means a calendar day.
8. **“Goods”** means all equipment, machinery and other materials, which the contractor is required to supply to the PSC under the contract.
9. **“Month”** means a calendar month.
10. **“PSC”** means the Punjab Seed Corporation or its subordinate entities.
11. **“Services”** means the services ancillary to the supply of the goods, such as shipment, pre-shipment inspection, transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the contractor covered under the contract.
12. **“Supplier”** means the individual or firm supplying the goods, services and works under the contract, supply order and or the work order.



Section-3

General Conditions of Bidding

Bidding will be governed by the terms and conditions as mentioned in the bid document.

1. Cost of Bidding

All substantial and incidental costs in connection with preparation and submission of the bid as well as all other expenses incidental to the process shall be borne exclusively and solely by the prospective bidder. The PSC, in no case, will be responsible or liable for any costs borne by a prospective bidder regardless of the outcome of the bidding process. Claims on this account will not be entertained at any cost.

2. Tender/Bid Document

- i). Bids can be offered only on the bidding documents bought from the PSC or downloaded from the website, subject to payment of the bid documents. The bidding documents may include the following:
 - (a) Invitation to bids
 - (b) Bid document containing the general and the special conditions of bidding
 - (c) Schedule of Technical Specifications
 - (d) Bid proforma
 - (e) Bid Price Schedule
 - (f) Certificate and undertaking from the bidder
 - (g) Technical literature, data, catalogues, and brochures etc., submitted by the bidder, if any
 - (h) Registration certificates, licences and other valid documents establishing eligibility of the bidder
- ii). Bidders are expected to have examined all instructions, terms, conditions and the specifications as mentioned in or attached to the bidding documents, before submitting the bid documents. Failure to furnish the information as required in the bidding documents or submission of a bid deviant from the bidding documents may result in rejection of the bid.

3. Clarifications Concerning Bidding

A prospective bidder requiring any clarification of the bidding process and documents may apply in writing or can contact the PSC by any of the modes of communications mentioned in the bid document (e.g., telephone, fax, email).

4. Amendments in the Bidding Documents

- i). At any time prior to the deadline for submission of bids, the PSC, whether at its own initiative or in response to a clarification requested by a prospective bidder, may modify the bidding documents by incorporating necessary amendments therein.
- ii). All the prospective bidders who have obtained the bidding documents by that time will be duly notified by any of the available and the most expedient means of communication of these amendments in the bidding documents. Thenceforth, the amendments shall be binding on them.
- iii). In order to allow reasonable time to a prospective bidder to take note of the amendments in preparing his bid, the PSC, at its discretion, may extend the deadline for the submission of bids. Notification of such an extension in submission of the bids shall be publicized as per the prescribed procedure.

5. Bid Papers

- (I). The bid papers to be prepared and submitted by the prospective bidders will comprise the following components:
 - a) Duly purchased or downloaded bid document subject to payment at the time of bid submission;
 - b) Bid proforma, duly filled in and signed in accordance with the instructions and other conditions of bidding;
 - c) Bid Price Schedule, duly filled in and signed in accordance with the instructions and other conditions of bidding;
 - d) Documentary evidence that the bidder is eligible to bid and is qualified to perform the contract if his bid is accepted including an undertaking that the bidder is not blacklisted by any public authority or is in litigation with a public authority;
 - e) Documentary evidence that the goods, services, works and ancillary activities to be supplied or carried out by the bidder conform to the specifications as given in the bidding documents or as notified by the Government of the Punjab from time to time;
 - f) Bid security (earnest money) in the form of a CDR in favour of the PSC issued by an authorized bank;
 - g) Receipt of purchase of the bid documents or receipt of payment in lieu thereof in case of download;
 - h) Documentary evidence establishing the relationship of the principal and the agent in case of goods of foreign origin or where the bidder himself is not the manufacturer (e.g., third party manufacturing) including undertaking of liability by the principal or the original equipment manufacturer (OEM); and
 - i) Certificate and undertaking in the requisite format to the satisfaction of the PSC

6. Description of the Goods, Services and Works

The goods, services and the works required under this bid document, the bidding procedures and the terms of the contract would be the ones as are prescribed in this bidding document. The specifications and other description of the goods, services and works will be as mentioned in the Section on Technical Specifications of these bid documents.



7. Bid Prices

- i). Bidders shall indicate both unit prices (where applicable) and total bid price of the goods, services, works and the ancillary activities and operations they offer to supply, carryout and accomplish on the bid proforma and the price schedule.
- ii). Prices indicated on the bid proforma shall be entered separately with and without applicable governmental taxes and duties, insurance and other incidental and applicable charges, if any.
- iii). Bidders shall furnish an undertaking that they have not supplied the same goods, services and works to another public authority or a government agency, during the current financial year, on a price lower than the one they have quoted in the instant bid.
- iv). Prices quoted by a bidder shall remain valid for the entire validity period (including the extension thereof, if any) and all during the bidder's performance of the contract and shall not be subject to variation on any account, unless otherwise specified in the contract agreement.
- v). A conditional, contingent, adjustable or fluctuating bid price will be treated as invalid bid price and shall be liable to rejection straight away.
- vi). All prices will be quoted in Pakistani Rupees and in no other currency.
- vii). Prices must be quoted in both words and figures. In case of variance between the two, the price quoted in words shall take precedence and will be treated as the quoted bid price.

8. Documents Establishing Bidder's Eligibility and Qualification

- i). A bidder shall furnish, as an integral part of its bid papers, the necessary documents establishing the bidder's eligibility and qualifications to bid and to perform the contract, if his bid is accepted, to the entire satisfaction of the PSC.
- ii). In case the bidder is offering to supply the goods, equipment, and machinery, which the bidder does not manufacture or produces otherwise, it shall furnish an authorization from the original manufacturer or the producer that the bidder is authorized validly to bid and supply the same. Such an authorization shall clearly mention that the manufacturer or the producer, as the case may be, will have the ultimate responsibility with respect to their quality.
- iii). The bidder shall furnish necessary proof that he possesses the financial and the technical capability required to perform the contract.

9. Documents Establishing Eligibility and Conformity of the Goods, Services and Works

- i). The documentary evidence of conformity of the goods, services and works to the specifications mentioned in the bidding documents may be in the form of literature, drawings, data, registration certificates and licences and may consist of:
 - (a) A detailed description of the essential technical and performance characteristics of the goods, equipment, machinery and materials;
 - (b) A list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continual functioning of the goods, equipment and machinery for a period to be specified in the bid documents following commencement of the use of the goods, equipment and machinery by the PSC; and
 - (c) A statement showing conformity of the goods, equipment and machinery to the specifications advertised by the PSC as well as a statement of deviations and exceptions to the technical specifications, if any.
 - (d) Certificates of registration, incorporation and licences issued by the concerned regulatory agencies and the authorities with which the bidder is duly registered as a proof of his eligibility to carry out the contract

10. Bid Security / Earnest Money

- i). The bidder shall furnish, as part of its bid, a bid security or earnest money in the amount specified in the advertisement notice and or the bid document.
- ii). In case of non-compliance or non-performance of the contract, the bid security or the earnest money shall be liable to forfeiture to cover for the risk associated with bidder's non-performance.
- iii). The bid security / earnest money shall be in Pakistani rupees in the form of a deposit-at-call receipt (CDR) or Pay Order or Demand Draft in favour of the PSC issued by a scheduled bank and shall be valid for the period, beyond the validity of the bid, as is specified by the PSC in the contract agreement.
- iv). A bid not accompanied by valid bid security or earnest money will be rejected straightaway.
- v). Bid security of the unsuccessful bidder(s) will be discharged or returned as promptly as possible after completing the necessary formalities.
- vi). Bid security of the successful bidder may be adjusted into the performance guarantee required to be furnished by the bidder, if any. Else, the bid security will serve as guarantee for successful completion of the contract, even if it is not specifically mentioned so in the contract agreement or the bid document.
- vii). The bid security will be liable to forfeiture in the following circumstances:
 - (a) If a participating bidder withdraws his bid during the bid validity period as specified in the bid document; or
 - (b) If a successful bidder, to whom acceptance of bid is conveyed, fails to sign the contract or does not furnish the requisite performance guarantee.

11. Period of Validity of Bids

- i). Bids shall remain valid for the entire period specified in the tender document. The validity period shall be reckoned from the date of opening of the bids. A bid valid for a period shorter than the requisite validity period will be liable to rejection.



- ii). In exceptional circumstances, the PSC may solicit the bidder's consent to extension of the period of validity. Such a request will be made and replied in writing.
- iii). A bidder may refuse the request for extension in validity period. Such a refusal shall not render his bid security liable to forfeiture.
- iv). In case of extension of the validity period, the bid security will also stand extended automatically.
- v). Extension in the validity period, however, will not entitle the bidder to modify his bid or incorporate changes to his bid.

12. Format and Signing of the Bid

- i). Bids shall be typed or written in indelible ink and shall be signed and sealed by the bidder or a person duly authorized to bind the bidder to the contract. All pages of the bid, except for the printed literature, if any, shall be initialled by the person signing the bid.
- ii). Any interlineations, erasure, strike-through, cutting, overwriting, blotting or whitening shall be valid only if they are initialled by the person or persons signing the bid and bear the date of such correction under his initials before submission of the bids.





Section-4

Submission of Bids

1. Sealing and Marking of Bids

- i). If separate financial and technical proposals have been invited, the bidder shall seal the financial and the technical proposals in separate envelopes, duly marking the envelopes as “**Financial Proposal**” and “**Technical Proposal**”. The envelopes shall be then sealed in an outer envelope.
- ii). Both inner and outer envelopes shall be addressed to the PSC alongwith reference to the tender notice and a warning “**Do Not Open Before the Due Date**” and “**To Be Opened By Authorized Person only**” or alike inscription.
- iii). The inner envelopes shall also bear the name and address of the bidder to enable the bid to be returned unopened in case it is so required.
- iv). If the outer envelope is not sealed and marked, the PSC will assume no responsibility for the bid’s misplacement or premature opening.

2. Deadline for Submission of Bids

- i). Bids must be delivered to the PSC at the PSC’s address notified in the advertisement by or before the time and date fixed for receipt of bids.
- ii). Any bid submitted or received after the time and date fixed for submission of the bids will not be considered.
- iii). The PSC, however, may extend the deadline for submission of the bids; in which case all rights and obligations of the PSC and the bidder as are subject to the previous deadline will thereafter be subject to the deadline as extended. Any extension in the date of submission of the bids shall be duly notified to all the bidders and the public, if so needed.

3. Modification and Withdrawal of Bids

- i). Withdrawal of the bids after the deadline for submission of bids will not be allowed under any circumstances.
- ii). No modification in the contents of the bid will be allowed to any bidder after submission and opening of the bids, except to the extent of typographical errors.
- iii). A bidder, however, under a written request, may modify or withdraw its bid before the time and date of submission of the bids without entailing any liability.
- iv). Notice for modification or withdrawal shall be prepared, sealed, marked, and presented in accordance with the prescribed procedure but not later than the deadline for submission of bids.
- v). No bid may be withdrawn in the intervening period between the deadline for submission of bids and the expiration of the period of bid validity. Withdrawal of a bid during this interval may result in the forfeiture of the bid security/earnest money.
- vi). If the PSC does not make a decision regarding acceptance or rejection of the bid during the validity period, a bidder may withdraw its bid upon expiry of the validity period unless it is extended by him without entailing any penalty of forfeiture.



Section-5

Opening and Evaluation of Bids

1. Opening of Bids

- i). Bids will be opened at the time and date notified in the advertisement of inviting bids, in the presence of the bidders themselves or their authorized representatives, whosoever chooses to attend. The persons attending the bid opening shall mark their presence on the attendance sheet evidencing their participation.
- ii). Bidders' names, bid modifications or withdrawals, bid prices, discounts, presence or absence of requisite bid security/earnest money, special conditions and such other details, as the PSC at its discretion may consider appropriate, may be announced at the opening.
- iii). Bids not qualifying the requisite criteria and other necessary conditions of participation as well as the late bids shall be rejected.
- iv). Modifications and changes, that were filed before opening of the bids may, at the discretion of the PSC, form part of the bidding documents and shall also be made known to the participants.
- v). The PSC will prepare and record the minutes and proceedings of the bid opening.

2. Clarification of Bids

During evaluation of the bids, the PSC may, at its discretion, ask the bidder for a clarification of its bid. However, no change in the prices or substance of the bid shall be sought, offered, or permitted.

3. Preliminary Examination of Bids

- i). Prior to the detailed evaluation, the PSC may determine conformity of the bids to the terms and conditions of participating in the bidding. Deviations from or objections or reservations to critical provisions, such as those concerning bid security, taxes and duties, will be deemed to be a material deviation. The conformity will be determined based on contents of the bid itself without recourse to extrinsic evidence.
- ii). The PSC will examine the bids to determine whether they are complete, or whether any computational errors exist, or whether required sureties have been furnished, or whether the bid documents have been properly signed, and whether the bids are generally in order.
- iii). Arithmetical errors will be rectified on the following basis:
 - (a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the total price shall be corrected.
 - (b) If there is a discrepancy between words and figures, the amount in words will prevail.
- iv). If a bidder does not accept the correction of the errors, its bid will be rejected, and the bid security / earnest money may be forfeited.
- v). The PSC may waive or ignore any minor informality, nonconformity, discrepancy, or irregularity in a bid, which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any of the bidders.
- vi). If a bid is not in conformity to the terms and conditions of bidding, it will be rejected and shall not be entertained even if the bidder corrects the nonconformity.

4. Evaluation and Comparison of Bids

- i). The bids will be examined in two separate steps of conformity to general conditions of bidding or the financial evaluation and conformity to the specifications or the technical evaluation.
- ii). Preliminary examination regarding general conformity of the bids shall be followed by a detailed comparative evaluation and relative grading or ranking of the successful bids.
- iii). The preliminary comparison shall be based on the price offered by the participating bidders. Such price may include all substantive costs, duties and taxes paid or payable, cost (and availability) of spare parts, servicing costs, and other incidental expenses.
- iv). In addition to the quoted bid price, financial evaluation and comparison may take into account one or more of the following factors:
 - (a) Cost of transportation, insurance premium, and other costs incidental to delivery of the goods, equipment and machinery, services and performance of works to their final destination or place of consignment;
 - (b) Delivery or performance schedule offered in the bid;
 - (c) Deviations in payment schedule from that specified in the conditions of contract;
 - (d) Cost of components, mandatory spare parts, service and ancillary operations;
 - (e) Availability of spare parts and after-sales services for the equipment offered in the bid;
 - (f) Projected operating and maintenance costs during the life of the equipment; and/or
 - (g) Performance and productivity of the equipment offered.
- v). After financial evaluation, the bids will be subjected to a detailed technical evaluation with respect to their technical specifications, literature, and performance.
- vi). Bids qualifying both the financial and technical evaluation shall only be the successful bids. However, being a successful bid would not vest any right into the bidder to claim acceptance of the bid and issuance of supply order, which is a sole prerogative of the PSC.

5. Contacting the PSC

- i). From the time of bid opening to the time of award of the contract, if any bidder wishes to contact the PSC on any matter related to the bid, he should do so in writing.



- ii). Any effort by a bidder to influence the PSC in its decisions on bid evaluation, bid comparison, or award of contract may result in rejection of the bid of that particular bidder beside any legal action that the competent authority may deem appropriate under the circumstances.





Section-6

Award of Contract

1. Capability of the Bidder to Perform the Contract

- i). Before awarding the contract, the PSC, in lieu of prequalification, may determine to its satisfaction whether the bidder who is offering the lowest bid is capable to perform the contract diligently and satisfactorily.
- ii). Determination of capability to perform the contract may take into account the bidder's financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the bidder's qualifications as are submitted by the bidder as well as such other information, as the PSC deems necessary and appropriate.
- iii). A negative determination may result in rejection of the bidder's bid and the PSC may proceed to the next lowest bid to make a similar determination of the next bidder's capabilities to perform satisfactorily.

2. Award Criteria

The PSC will award the contract only to the successful bidder whose bid has been determined to be substantially in conformity to the terms and conditions of the bid and has been determined to be the lowest evaluated bid based on financial and technical evaluation combined. Provided further that the bidder is determined to be qualified to perform the contract satisfactorily.

3. PSC's Right to Vary Quantities at the Time of Award of Contract

The PSC reserves the right to increase or decrease the quantity of goods, equipment, machinery and materials originally specified in the bid document without any change in unit price or other terms and conditions, at the time of award of contract to the successful bidder.

4. PSC's Right to Accept any Bid and to Reject Any or All Bids

The PSC 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 bidder or bidders.

5. Provisional Acceptance of Bid and Notification Thereof

- i). Prior to expiry of the bid validity period, the PSC will notify the successful bidder in writing of the acceptance of the bid and asking him to submit performance guarantee, if any.
- ii). Upon the bidder's furnishing of the performance security, if any, the PSC will promptly notify the name of the winning bidder to each unsuccessful bidder and will also discharge bid security of the unsuccessful bidders.
- iii). If a bidder wishes to know the grounds on which its bid was not selected, it can do so in writing by addressing its request to the PSC. The PSC will promptly respond in writing to such a query by an unsuccessful bidder.

6. Signing of the Contract

- i). The PSC, alongwith the acceptance letter, either may send to the successful bidder or may ask him to furnish a typed contract agreement between the parties in the form and language approved by the PSC. Such a contract will determine the rights and liabilities of the parties to the contract.
- ii). The successful bidder shall sign the contract in the witness of two witnesses and shall submit it to the PSC alongwith any performance guarantee and other documents, if any, within the time period specified in the offer of acceptance of the bid.

7. Performance Guarantee

- i). If so demanded, the successful bidder will furnish performance security in the form and the mode acceptable to the PSC within the stipulated time.
- ii). In no case, the performance security shall exceed 10% of the contract price.
- iii). Failure of the successful bidder to furnish the performance guarantee and other mandatory conditions may lead to annulment of the award and forfeiture of the bid security/earnest money and the PSC may make the award to the next lowest evaluated bidder or call for new bids.

8. Corrupt and Fraudulent Practices

- i). "Corrupt practice" means offering, giving, receiving or soliciting anything of value to influence the action of the PSC or his controlling authorities or his subordinates at any stage of the procurement process or in contract execution; and
- ii). "Fraudulent practice" means a misrepresentation of the true-facts in order to influence the procurement process or execution of a contract to the detriment of the PSC. Fraudulent practice includes collusive practice among the bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the PSC of the benefits of free and open competition;
- iii). A bid will be liable to rejection if it is found that the bidder who was selected for award had used corrupt or fraudulent practices in competing for the contract at any time.

9. Blacklisting and Disqualification

Engaging into corrupt and fraudulent practices may make a bidder blacklisted and ineligible, either indefinitely or for a stated period, to participate in the bids himself or through an agent. A bidder blacklisted by any other public authority shall also be disqualified from participating in the bids called by the PSC.



Section-7

Miscellaneous Terms and Conditions

1. Applicable Standards and Specifications

The goods, equipment, machinery, materials, services and works to be supplied and or carried out shall conform to the standards and specifications mentioned in the Technical Specifications and if no applicable standard is mentioned, then to the authoritative standards appropriate to the goods, equipment, machinery, materials, services and works notified or accepted by any department, agency, organization, or institution of the Government of the Punjab (GoPb). The authoritative standards shall be the latest ones issued by the concerned institution of the GoPb.

2. Patents and Copyrights

The contractor shall indemnify the PSC against all third-party claims of infringement of patents, trademarks, industrial design rights or the intellectual property rights arising from use of the supplied goods, equipment, machinery, materials or works or any part thereof.

3. Performance Security

- i). The successful bidder shall furnish to the PSC a performance security in the amount, mode, and manner to the satisfaction of the PSC within the time period stipulated in the provisional offer of acceptance of the bid.
- ii). The performance security shall stand as collateral and shall be realized by the PSC towards compensation for any loss resulting from the contractor's failure to complete his obligations under the contract.
- iii). The performance security would be in the form of a bank guarantee in favour of the PSC or an irrevocable letter of credit issued by a bank and acceptable to the PSC.
- iv). Upon successful completion of the contract performance and other obligations under the contract by the contractor, the PSC may discharge return the performance security to the contractor, pursuant to a written request of the contractor in this behalf.

4. Inspections and Tests

- i). The PSC or his representative shall have the right to inspect or to test the goods, equipment, machinery, materials and works to ascertain their conformity to the specifications at no extra cost to the PSC. The PSC may specify what inspections and tests the PSC would require and where they would be conducted. The PSC will notify the contractor in writing, in a timely manner, of the identity of his representative deputed for the purpose.
- ii). Inspections and tests may be conducted at any place including the premises of the contractor or his subcontractor(s), point of delivery and or the final destination of delivery. If conducted on the premises of the contractor or his subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the PSC.
- iii). Should any inspected or tested goods, equipment, machinery, materials and works fail to conform to the specifications, the PSC may reject the same, and the contractor shall either replace the rejected stocks or make necessary alterations into them to meet the specifications and requirements free of cost to the PSC.
- iv). PSC's right to inspect, test, and where necessary to reject the goods, equipment, machinery, materials or works after their delivery to the final destination shall in no way be limited or waived by reason of the goods, equipment, machinery, materials and works having previously been inspected, tested, and passed by the PSC or its representative prior to their consignment.
- v). Nothing under the above sub-clauses shall in any way absolve the contractor of any warranty or other obligations under this contract.

5. Packing

- i). The contractor shall provide such packing of the goods, equipment, machinery and materials as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the consignments' final destination and the absence of heavy handling facilities at all points in transit.
- ii). The packing, marking and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the contract, including additional requirements, if any, and even the instruction given by the PSC subsequent to the contract agreement.

6. Delivery of Goods, Equipment, Machinery, Materials and Works

Delivery of the goods, equipment, machinery, materials and completed works shall be made by the contractor in accordance with the terms specified in the bid document/contract agreement.

7. Insurance

The goods, equipment, machinery, materials and works to be supplied or carried out, where so required, shall be insured against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery in accordance with the terms of the contract agreement and in the manner specified by the PSC.

8. Transportation



Where the contractor is required to deliver the goods, equipment, machinery, materials and works at the final destination, their transportation including cost of loading and unloading, shall be arranged and paid for by the contractor and would be deemed included in the bid price quoted by the contractor.

9. Incidental Services

- i). The contractor may be required to provide any or all of the following services, including additional services, if any:
 - (a) Performance or supervision of on-site assembly and/or start-up of the supplied goods, equipment, machinery and materials;
 - (b) Furnishing of tools required for assembly and/or maintenance of the supplied goods, equipment, machinery and materials;
 - (c) Furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied goods, equipment, machinery and materials;
 - (d) Performance or supervision or maintenance and/or repair of the supplied goods, equipment, machinery and materials, for a period of time agreed by the parties, provided that this service shall not relieve the contractor of any warranty obligations under this contract; and
 - (e) Training of the PSC's personnel, at the contractor's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied goods, equipment, machinery and materials.
- ii). Prices charged by the contractor for incidental services, if not included in the bid price for the goods, equipment, machinery and materials, shall be agreed upon in advance by the parties and shall not exceed the prevailing rates charged to other parties by the contractor for similar services.

10. Spare Parts

- i). The contractor may be required to provide any or all of the spare parts manufactured or distributed by the contractor as the PSC may elect to purchase from the contractor, provided that this election shall not relieve the contractor of any warranty obligations under the contract.
- ii). In the event of cessation or termination of production of the spare parts, the contractor would give advance notification to the PSC of the termination, allowing sufficient time to the PSC to procure needed requirements.
- iii). In case of cessation or termination of production or distribution, furnish blueprints, drawings, and specifications of the spare parts, if requested, at no cost to the PSC.

11. Warranty

- i). The contractor would warrant that the goods, equipment, machinery and materials supplied under the contract are new, unused, of the most recent or current models, and incorporate all recent improvements in design and materials unless provided otherwise in the contract. The contractor would warrant further that all goods, equipment, machinery and materials supplied under the contract shall have no defects arising from design, materials, or workmanship (except when the design and/or material is required by the PSC's specifications) that may develop under normal use of the supplied goods, equipment, machinery and materials in the conditions prevailing in the country or at the final destination.
- ii). The warranty shall remain valid for twelve (12) months from the date of delivery and acceptance of the goods, equipment, machinery and materials or any portion thereof, as the case may be, subject to technical inspection at the final destination indicated in the contract.
- iii). The PSC shall promptly notify the contractor in writing of any claims arising under the warranty. Upon receipt of such notice, the contractor shall, within the period specified in the contract, if any, or in the absence of mentioning of such period, with all reasonable speed, repair or replace the defective goods, equipment, machinery and materials or parts thereof, without costs to the PSC.
- iv). If the contractor, having been notified, fails to remedy the defect(s) within the stipulated period, the PSC may proceed to take such remedial action as may be necessary, at the contractor's risk and expense and without prejudice to any other rights that the PSC may have against the contractor under the contract.

12. Payment

- i). The method and conditions of payments to be made to the contractor under this contract will be specified in this contract agreement.
- ii). The contractor's request(s) for payment shall be made to the PSC in writing, accompanied by an invoice describing, as appropriate, the goods, equipment, machinery and materials delivered and the services, activities and operations performed and fulfilment of other obligations stipulated in the contract.
- iii). Payments shall be made by the PSC as promptly as possible.

13. Change Orders

- i). The PSC may at any time, by a written order given to the contractor, make changes within the general scope of the contract in any one or more of the following:
 - (a) Drawings, designs, or specifications, where goods, equipment, machinery, materials and works to be furnished or carried out under the contract are to be specifically manufactured or fabricated for the PSC;
 - (b) Place of delivery; and/or
 - (c) Services, activities and operations to be carried out by the contractor
- ii). If any such change causes an increase or decrease in the cost of or the time required for the contractor's performance of any provisions under the contract, an equitable adjustment shall be made in the contract price or delivery schedule, or both, and the contract shall accordingly be amended.



14. Contract Amendments

Subject to the change orders clause (clause 13), no variation in or modification of the terms of the contract shall be made in the written agreement signed by the parties.

15. Assignment

The contractor shall not assign his obligations to perform under this contract, in whole or in part to any other person or representative, except with prior written consent of the PSC.

16. Subcontracts

- i). The contractor shall notify the PSC in writing of all subcontracts awarded under the contract between the PSC and the contractor, if not already specified in the bid. Such notification, in the original bid or later, however, shall not relieve the contractor from any liability or obligation under the contract.
- ii). All subcontracts must comply with the provisions of the contract.

17. Delays

- i). Delivery of the goods, equipment, machinery, materials, works and performance of the services, activities and operations shall be accomplished by the contractor in accordance with the time schedule prescribed by the PSC.
- ii). If at any time during performance of the contract, the contractor or its subcontractor(s) should encounter circumstances impeding timely delivery of the goods, equipment, machinery, materials and performance of services, activities, operation and works, the contractor shall promptly notify the PSC in writing of the factum of the delays, likely duration and its cause(s). As soon as practicable after receipt of the contractor's notice, the PSC shall evaluate the situation and may at its discretion extend the contractor's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amending the contract.
- iii). Force majeure and the Acts of God may constitute valid reasons for seeking condoning of the delays.
- iv). Except as provided under this contract, a delay by the contractor in the performance of its delivery obligations shall render the contractor liable to imposition of liquidated damages, unless an extension of time is agreed upon between the parties without the application of liquidated damages.

18. Liquidated Damages

Subject to Clause 17, if the contractor fails to deliver any or all of the goods, equipment, machinery, materials and works or fails to perform the operations within the specified period, the PSC, without prejudice to other remedies available to it, may deduct liquidated damages from the contract price at the rate specified in the supply order/contract agreement for each month of default or part thereof. The liquidated damages shall be imposed for the entire default period until the date of actual delivery or performance. The cumulative liquidated damages could be up to a maximum of equal to the contract price and not more than that. Once this maximum is reached, the PSC may consider termination of the contract.

19. Termination of Contract for Default

- i). The PSC, without prejudice to any other remedy regarding breach of contract, by a written notice of default sent to the contractor, may terminate the contract in whole or in part, inter alia, on the following grounds:
 - (a) If the contractor fails to deliver any or all of the goods, equipment, machinery and materials within the period(s) specified in the contract, or within any extension thereof granted by the PSC;
 - (b) If the contractor fails to perform any other obligation(s) under the contract;
 - (c) If the contractor, in the judgment of the PSC, has engaged in corrupt or fraudulent practices in competing for or in executing the contract.
- ii). In the event that the PSC terminates the contract in whole or in part, it may procure, upon such terms and in such manner as it deems appropriate, goods, equipment, machinery and materials or services similar to those undelivered, and the contractor shall be liable to the PSC for any excess costs for the goods, equipment, machinery and materials or services so procured. However, the contractor shall continue performance of the contract to the extent not terminated.

20. Force Majeure

- i). Notwithstanding the provisions of clauses 17, 18, & 19, the contractor shall not be liable to forfeiture of his performance security, liquidated damages, or termination of the contract for default; if such a delay or failure to perform is the result of Force Majeure or an Act of God.
- ii). For purposes of this clause, "Force Majeure" and "Act of God" means an event beyond the control of the contractor and not involving the contractor's fault or negligence and not foreseeable. Such events may include, but are not restricted to wars or revolutions, fires, floods, earthquake, storms, volcanic eruptions, epidemics, quarantine restrictions, pacific blockades, freight embargoes and the like events.
- iii). If a Force Majeure situation arises, the contractor shall promptly notify the PSC in writing of such condition and its impact on his performance. Unless otherwise directed by the PSC in writing, the contractor shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performing not prevented by the Force Majeure event.

21. Termination for Insolvency

The PSC may at any time terminate the contract by giving a written notice to the contractor if the contractor becomes bankrupt or otherwise insolvent. In such eventuality, termination will be without compensation to the



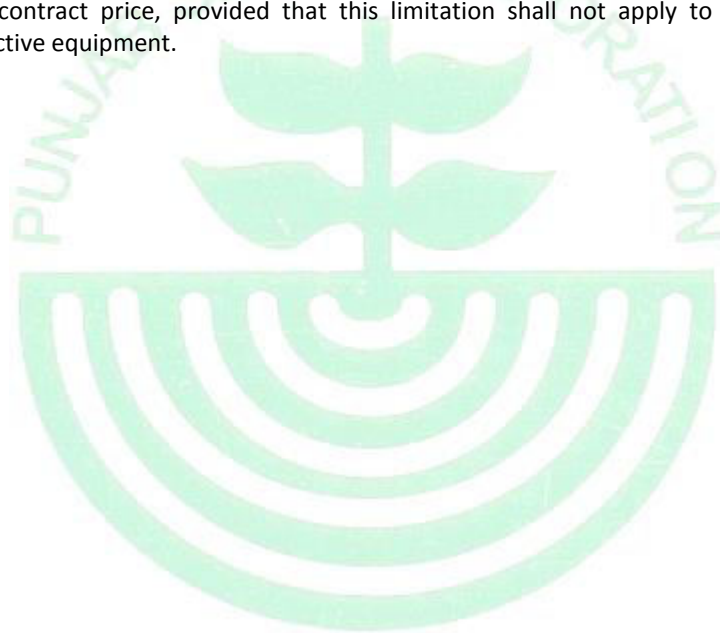
contractor, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the PSC.

22. Settlement of Disputes

- i). If any dispute or difference of any kind whatsoever shall arise between the PSC and the contractor in connection with or arising out of the contract, the parties shall make every effort to resolve such dispute or difference amicably by mutual consultation.
- ii). If the parties fail to resolve their dispute or difference by such mutual consultation within thirty (30) days, then either the PSC or the contractor may give notice to the other party of its intention to commence arbitration with respect to the matter in dispute. No arbitration in respect of any matter would commence unless either party gives such notice.
- iii). Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the goods, equipment, machinery, materials and works under the contract.
- iv). Arbitration proceedings, as far as possible, shall be conducted in accordance with the Arbitration Act, 1940.
- v). Notwithstanding any reference to arbitration:
 - (a) The parties shall continue to perform their respective obligations under the contract unless they otherwise agree; and
 - (b) The PSC shall pay the contractor any monies due to the contractor.

23. Limitation of Liability

- i). Except in cases of criminal negligence or wilful misconduct, and in the case of infringement; the contractor shall not be liable to the PSC, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs. Provided that this exclusion shall not apply to any obligation of the contractor to pay liquidated damages to the PSC.
- ii). The aggregate liability of the contractor to the PSC, whether under the contract, in tort or otherwise, shall not exceed the total contract price, provided that this limitation shall not apply to the cost of repairing or replacing the defective equipment.





List of the Civil & Allied Works

PSC CENTRE SAHIWAL

Sr.	Name of work	Estimated Cost (Rs)	2% EM (Rs)	Completion Time
1.	Waterproofing treatment of valleys & gutters including proper slopes for speeding drainage of rainwater of shell roofs at Seed Plant	4,274,000	85,480	4 months
2.	Repair and maintenance of overhead water reservoir at Seed Plant	142,000	2,840	-do-
3.	Extension/Renovation of kitchen at Rest House	358,000	7,160	-do-
4.	Construction of boundary wall of Children Park at Plant Colony	373,000	7,460	-do-
5.	Construction of footpath & jogging track at Children Park Plant Colony	191,000	3,820	-do-
6.	P/F of MS Grill at boundary wall of children park Plant Colony	711,000	14,220	-do-
7.	Repair & Maintenance of road from intake shed to front of cotton section, main store, pre-store and store-12 at Seed Plant	1,803,000	36,060	-do-
8.	Replacement of water supply line for firefighting arrangements (extension area) at Seed Plant	688,000	13,760	-do-
9.	Construction of acid water tank (50'x40') & RCC pipeline for outlet of acid washing water at Seed Plant	791,000	15,820	-do-
10.	Repair & maintenance of Office Block at Seed Plant	346,000	6,920	-do-
11.	Replacement of roof of security office at Seed Plant	169,000	3,380	-do-
12.	Cement plaster of the boundary wall north & south sides of Seed Plant	172,000	3,440	-do-
13.	Repair & maintenance of mosque of Seed Plant	118,000	2,360	-do-
14.	Repair of bathroom & toilet for labour at Seed Plant	117,000	2,340	-do-
15.	Repair & maintenance of metal road from main gate to Rest House at Colony (81-82/10-R)	620,000	12,400	-do-
16.	Construction of boundary wall east & south side chak abadi Seed Farm 81-82/10-R	1,403,000	28,060	-do-
17.	Construction of boundary wall of kacha store PSC Farm 81-82/10-R	1,342,000	26,840	-do-
18.	Brick soling of thrashing floor in DC area Sq No.27/86 at Farm 86-87/10-R	1,036,000	20,720	-do-
19.	Reconstruction of watercourse in Sq. No.14&15/86 DC area Farm 86-87/10-R	902,000	18,040	-do-
20.	Repair & maintenance of concrete road in front of office & officer residences at Farm 86-87/10-R	274,000	5,480	-do-
21.	Repair & whitewashing of store & veranda at Farm 86-87/10-R	140,000	2,800	-do-
22.	Fixing of angle iron and barbed wire at Store 86-87/10-R	48,000	960	-do-

PSC CENTRE SAHIWAL

Sr.	Name of work	Estimated Cost (Rs)	2% EM (Rs)	Completion Time
1.	Extension of vehicle stand Seed Plant	161,000	3,220	4 months
2.	Brick soling around main/pre-store & plant boundary	2,312,000	46,240	-do-
3.	Concrete floor of platform at Seed Plant	938,000	18,760	-do-
4.	Addition, alteration, renovation & improvement of Rest House	1,353,000	27,060	-do-
5.	Repair & maintenance of Admn. Block Plant	4,00,000	8,000	-do-
6.	Repair & maintenance of Plant Building, Stores & Labour rooms	1,000,000	20,000	-do-
7.	P/F of water filtration plant with civil structures at Seed Plant	650,000	13,000	-do-
8.	Repair of Internal road from main gate to Cold Store & main gate to end of main store at Seed Plant	2,502,000	50,040	-do-
9.	Repair of Internal road from main gate to Rest House at Colony	1,500,000	30,000	-do-
10.	Construction of Kachra Shed (25'x20'18') at Seed Plant	615,000	12,300	-do-
11.	Extension of Glass House (31' x 24'x14')	1,177,400	23,548	-do-

PSC CENTRE RAHIMYAR KHAN

Sr.	Name of work	Estimated Cost (Rs)	2% EM (Rs)	Completion Time
1.	Construction of foundation of girder, concrete platform, acid washing tank wall & marble plates inside Seed Plant	648,000	12,960	4 months
2.	Reconstruction of Germination Room at Seed Plant	243,000	4,860	-do-
3.	Renovation of Quality Control Laboratory at Seed Plant	212,000	4,240	-do-
4.	Renovation of Germination Room Seed Plant	294,000	5,880	-do-
5.	Tuff tile work front of office at Seed Plant	70,000	1,400	-do-
6.	P/F of china glaze tiles 24"x24" and distemper work of veranda at Rest House	40,000	800	-do-
7.	P/F of china glaze tiles 24"x24" and distemper work of dining hall at Rest	94,000	1,880	-do-



	House			
8.	P/F of china glaze tiles 24"x24" and distemper work of kitchen at Rest House	53,000	1,060	-do-
9.	Construction of watercourse for disposal of sewerage water at Colony	87,000	1,740	-do-
10.	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	98,000	1,960	-do-
11.	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	60,000	1,200	-do-
12.	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	46,000	920	-do-
13.	P/F of water filtration plant with civil structures at Seed Plant	650,000	13,000	-do-

PSC CENTRE PIPLAN

Sr.	Name of work	Estimated Cost (Rs)	2% EM (Rs)	Completion Time
1.	Repair of Offices Admn Block at Seed Plant	27,000	540	4 Months
2.	Repair of machinery hall at Seed Plant	102,000	2,040	-do-
3.	Repair of Officer Residence No.1	40,000	800	-do-
4.	Repair of Staff Quarters No.4,12&13	108,000	2,160	-do-
5.	Repair of Staff Quarters No.6,7,8 & 9	160,000	3,200	-do-
6.	Repair Rest House Piplan	189,000	3,780	-do-
7.	P/F of water filtration plant with civil structures at Seed Plant	650,000	13,000	-do-



**Detailed Specifications & Scope of the Works****DETAILED ESTIMATES OF CIVIL WORKS AT PSC KHANEWAL (PLANT & FARMS)**
(SMRS 1ST AUGUST 2015 TO 31ST JANUARY)**Water Proofing Treatment of Valleys & Gutters****(1) VALLEYS**

Removing and cleaning the existing water proofing material from the valleys & cleaning the surface with iron brush etc and 7 layers water proofing treatment on coats primer bitumen and two layers jute bitumen felt sheet base with overlapping 4" compound 10/20 grade with fine crush bajree or chips No.8 with the flood coats complete in all respect and approval of the Engineer.

Cotton Ginning Section

Valley	155 x 8	=1240sft
Shade	155 x 6	=930sft

Main Store

Valleys	12 x 2 X 103 x 8	=19776sft
	3 x 206 x 8	=4944sft
Shade	1 x 206 x 6	=1236sft

Pre Store

Valley	2 x 206 x 8	=3296sft
Shade	2 x 206 x 6	=2472sft

Main Cleaning

Valley	1 x 120 x 8	=960sft
Shade	2 x 120 x 6	=1440sft

Silo Building

Valley	10 x 85 x 6	=5100sft
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Circular Expansion Joint Main Store

	18 x 30 x 6	=3240sft
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Circular Expansion Joint Pre Store

	3 x 30 x 6	=540sft
		(N.S.R)

Total =45174sft@75/psft=Rs.3388050/-

(2) P.C.C. 1:2:4 for the proper slop for speedy drainage of water

Cotton Section	1x152x8'+3' x 0.50'+0	=209cft
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2
1x 152 x 3.25 x 0.50' + 0 =123.50cft

2
Main Store 12 x 2 x 103 x 4 x 0.25' + 0 =1236cft

2
3 x 206 x 4 x 0.50' + 0 =618cft

2
1 x 206 x 4 x 0.50' + 0 =206cft

2
(18992.15 +1900.80)

Total =2392.50ft@20892.95/%cft=Rs.499863.82
Ch6 p-42/5f+13a

Pre Store 2 x 206' x 4 x .50'+0 =412.00cft

2
2 x 206' x 3.25 x .50'+0 =334.75cft

2
Total =746.75cft@18992.15/%cft=Rs.141823.88
Ch6P-41/5f

Main Cleaning & Silos Building

1 x 120 x 4 x .50+0 =120cft

2
2 x 120 x 3.25 x .50+0 =195cft

2
10 x 85 x 3 x .25+0 =318.75cft

2
(18992.15 +1900.80+1188+1188+1188)



Total =633.75cft@24456.95/%cft=Rs.154995.92
Ch6P-41/5f +13a+b+b+b

- (3) C.I.pipe 4" Ø [336RFT@204.85/RFT](#) =Rs.68829.60
Ch9 p-62/20a
- (4) C.I.Shoes 12[Nos@306.30/each](#) =Rs.3675.60
Ch9 p-62/22
- (5) Extra Labour for C.I pipe main cleaning additional height 70'
Lump Sum =Rs.2000.00
- (6) Removal of debris plant to outside & cleaning of site
Lump sum =Rs.15000/-
- G.Total =Rs.4274238.00**

ANALYSIS OF RATE 7-LAYER VALLEYS/GUTTER WATER PROOFING TREATMENT AT PSC PLANT KHANEWAL (UNIT 100sft)

1. Removing of existing felt sheet & cleaning of roof valley and 7-layers water proofing Treatment on valleys.

- i) Labour and brush etc =Rs.300.00
ii) Kerosene Oil 4 Ltr @ 85/pltr =Rs.340.00
iii) Bitumen 34Kg@ 85/pkg =Rs.2890.00
iv) Bitumen Jute felt sheet 200sft @16/psft =Rs.32000.00
v) Fine crush 4cft @ 44/pcft =Rs.176.00
vi) Labour for primer coat & fixing of jute felt sheet and laying of fine crush complete =Rs.600.00

Total =Rs.7506.00

7506 = 75.06/psft
100
Say Rs.75/psft

ESTIMATE FOR THE REPAIR AND MAINTENANCE OF OVERHEAD WATER RESERVOIR PSC PLANT KHANEWAL.

1. Chipping of R.C.C and shutting complete lumsum =Rs.15000.00
2. Apply floating coats of cement
(820.20+184.70+184.70+184.70) [3036sft@1374.30/%sft](#) =Rs.41723.74
Ch-11 p-72/13+28
3. Cement neru plaster 1:2 ½" thickness
3036-sft@2267/%sft =Rs.68826.12
(1712.90+184.70+184.70+184.70)
4. Priming coats under distemper
3036-sft@157.35/%sft =Rs.4777.14
Ch-11 p-83/22+38
5. Three coats distemper
3036-sft@392/%sft =Rs.11901.12
Ch-11 p-73/23+38

Total =Rs.142228.12
Say Rs.142228/-

ESTIMATE FOR EXTENSION/RENOVATION OF THE KITCHEN PSC REST HOUSE KHANEWAL

1. Dismantling of Existing wall
Wall 1 x11.25 x.75 x 12 =101.25-cft
Wall 1 x16.75 x.75 x 12 =150.75-cft
Parapet 1 x11.25 x.75 x 1.50 =12.65-cft
Parapet 1 x16.75 x.75 x 1.50 =18.64-cft
Total =283.49cft@ 2019.60/%cft =Rs.5725.36
Ch 4 p-34/13
2. Removing of door 1-No @192.05/each =Rs.192.05
3. Removing of window [1-No@148.65/each](#) =Rs.148.65
Ch 4 p-36/32
4. Dismantling of R.C.C
16.75 x .75 x.50 =6.28-cft
11.25 x.75 x .50 =4.21-cft
Kitchen slab 10.75x2 x .25 =5.37-cft
6.0 x 2 x .250 =3.00-cft
Lintel 6.50 x.75 x .75 =3.65-cft
Lintel 4.0 x.75 x .75 =2.25-cft
Shade 6.50 x 2.75 x.25 =4.46-cft
Shade 4.0 x 2.75 x .25 =2.75-cft



- Total =31.97cft@ 8553.60/%cft =Rs.2734.69
Ch 4 p-35/20
5. Excavation in foundation
21 x 2.50 x 2.50 =131.25-cft
15.50x 2.50 x 2.50=96.87-cft
Total =228.12cft @5005.45/%cft =Rs.1141.84
Ch 3 p-30/21 b
6. P.C.C 1:4:8 in foundation
21 x 2.50 x .50 =26.25-cft
15.50x 2.50 x.50 =19.37-cft
3.75 x 2.50 x.50 =4.68-cft
Total =50.30cft @10985.05/%cft =Rs.5525.48
Ch 6 p-41/3 b
7. 1st class bricks work in foundation 1:5
21 x 1.87 x .50 =19.63-cft
21 x 1.50 x .50 =15.75-cft
21 x 1.125 x .50 =11.81-cft
21 x .75 x 1.50 =23.62-cft
15.50x 1.87 x.50 =14.49-cft
15.50x 1.50 x.50 =11.62-cft
15.50x 1.125 x.50 =8.71-cft
15.50x .75 x 1.50 =17.43-cft
3.25 x 1.87 x.50 =3.03-cft
3.25 x 1.50 x.50 =2.43-cft
3.25 x 1.125 x.50 =1.82-cft
3.25 x .75 x 1.50 =3.65-cft
Total =133.99cft@16491.60/%cft =Rs.22097.09
Ch-7 p-51/4i
8. D.P.C 1:2:4 2"thick
21 x .75 =15.75-sft
15.50 x .75 =11.62-sft
3.25 x .75 =2.43-sft
Total =29.80sft @4618.45/%sft =Rs.1376.29
Ch 6 p-47/33a(ii)
9. 1st class bricks work in 1:5
21 x .75x10 =157.50-cft
15.50 x .75x10 =116.25-cft
3.25 x .75x10 =24.37-cft
Total =298.81cft @16963.10/%cft =Rs.50687.43
Ch 7 p-52/7i
10. 1st class bricks work in 1:5 above, 10 height
21 x .75x3.50=55.12-cft
15.50 x .75x3.50 =40.68-cft
3.25 x .75x3.50 =8.53-cft
Total =104.33cft @17575.60/%cft =Rs.18336.62
Ch 7 p-52/7i+8
11. R.C.C 1:2:4
Beam 21 x 1.0 x .75 =15.75-cft
Beam 15.75 x 1.0 x.75 =11.81-cft
Roof slab 21 x 4.50x .50 =47.25-cft
" 15.75x 5.75x.50 =45.28-cft
Kitchen slab 10 x 2 x .25 =5.00-cft
Kitchen slab 8 x 2 x .25 =4.00-cft
Shade 6 x 2.75 x.25 =4.12-cft
Shade 4 x2.75 x .25 =2.75-cft
Lintel 4 x .75 x .75 =2.25-cft
Lintel 6.0 x .75 x .75 =3.37-cft
Total =140.21cft@ 302.45/pcft =Rs.42406.51
Ch 6 p-42/6a(3)
12. Steel 560-kg@11020.20/%kg =Rs.61713.12
Ch 6 p-44/9b
13. Roof treatment with single layer tile on slab
20.75x3.75 =77.81-sft
15 x 5.0 =75.00-sft
Total =152.81-sft @5796.05/%sft =Rs.8856.94
Ch 9 p-60/5
14. Cement plaster under R.C.C
Beam 21 x 2.50 =52.50-sft
Beam 15.50 x 2.50 =38.75-sft



Roof	20.75x 4.0	=83.00-sft	
Roof	15 x 5.0	=75.00-sft	
Roof slab	10 x 2.50	=25.00-sft	
	6 x 5.50	=33.00-sft	
	4 x 5.50	=22.00-sft	
	6 x .75	=4.50-sft	
	4 x .75	= <u>3.00-sft</u>	
	Total	=356.75sft@ 1879.75/%sft	=Rs.6706.00
	Ch 11p-72/10a		
15. Cement plaster 1:4 ¾" thick			
	20.75x 12	=249-sft	
	15 x 12	=180-sft	
	3.75 x 12	=45-sft	
Para pit	20.75 x 2.25	=46.68-sft	
"	15x 2.25	=33.75-sft	
"	3.75 x 2.25	= <u>8.43-sft</u>	
	Total	=562.86sft@ 2027.20/%sft	=Rs.11410.29
	Ch 11p-72/9c		
16. Deep pointing 1:2			
	21.75x 12	=261-sft	
	15.50 x 12	=186-sft	
	3.75 x 12	=45-sft	
	21.75 x 1.50	=32.62-sft	
	15.50x 1.50	=23.25-sft	
	3.75 x 1.50	= <u>5.62-sft</u>	
	Total	=553.49sft@ 1604.35/%sft	=Rs.8879.91
	Ch 11p-73/18a		
17. P.C.C 1:4:8 under floor			
	20.75 x 3.75 x .50	=38.90-cft	
	14.50x 4.75 x .50	= <u>34.43-cft</u>	
	Total	=73.33cft@ 10985.05/%cft	=Rs.8055.33
	Ch 6p-41/3(b)		
18. Refixing of window	1-No. @650/each (N.S.R)		=Rs.650.00
19. Refixing of double door	1-No. @800/each(N.S.R)		=Rs.800.00
20. Polythene sheet	<u>150-sft@3.40/psft</u>		=Rs.510.00
	Ch-26 p-161/37ii		
21. Refixing of C.I pipe	2-Nos @ 400/each(N.S.R)		=Rs.800.00
22. C.I Head	2-Nos @ 482.25/each		=Rs.965.24
	Ch-9 p-62/21		
23. Bottom Khurras	2-Nos @744.35/each		=Rs.1488.70
	Ch-9 p-62/16		
24. Top Khurras	2-Nos @402.20/each		=Rs.804.40
	Ch-9 p-62/15		
25. P/F glazed tile made in china complete			
Shelf wall	13 x 5	=65-sft	
" "	10 x 5	=50-sft	
Slab	10 x 2.25	=22.50-sft	
"	6 x 2.25	=13.50-sft	
Floor	20 x 6.0	=120-sft	
"	14.50x6.0	=87-sft	
	4 x 1.0	= <u>4.0-sft</u>	
	Total	= <u>362-sft@166/psft(N.S.R)</u>	=Rs.60092.00
26. P.C.C 1:2:4 3" thick floor			
	20 x 3.75	=75-sft	
	14.5 x 5.0	= <u>72.50sft</u>	
Total	= <u>147.50sft@5635.10/%sft</u>		=Rs.83.11.77
	Ch-10 p-67/15i		
27. R/fixing and repairing of existing kitchen box and kitchen			cabinet etc with polish
		=Rs.7500.00	
28. R/fixing of water supply sui gas line and sewerage pipe line etc			
complete (PVC pipe, accessory sink mixture, labour charges)		=Rs.15000.00	
29. Electrical work	lumsum		=Rs.5000.00
TOTAL		=Rs.357915.59	
		Say Rs.357916/-	



ESTIMATE FOR THE CONSTRUCTION OF BOUNDARY WALL FOR CHILDREN PARK AT PSC PLANT COLONY KHANEWAL

1. Excavation (178 +178+112+112)		
580x 2 x 1.0=1160cft@ 5005.45/%cft	=Rs.5806.32	
Ch-3 p-30/21b		
2. TP/L bricks Ballast		
150x 2 x.375=435cft@ 3036/%cft	=Rs.30206.60	
Ch-6 p-41/2		
3. 1 st class bricks work in 1:5		
Wall 580 x 1.25 x.50	=326.25-cft	
Wall 580x .75 x2.25	=978.75-cft	
Pillar 68 x1.125 x1.125 x 4	=344.25-cft	
Total	<u>=1649.25cft@16963.10/%cft</u>	
Ch-7 p-51/71	=Rs.279763.92	
4. Cement plaster 1:4 ¾" thick		
150x 2.25=1305sft@ 2027.20/%sft	=Rs.26454.96	
Ch-11 p-72/10c		
5. Cement pointing struck joint 1:2		
Wall 580 x 2.25	=1305-sft	
Pillar 68 x4.50x 4	=1224-sft	
Total	<u>=2529sft@1604.35/%sft</u>	=Rs.40574.01
Ch-11p-72/14		
6. Cement concrete plain 1:2:4		
68x 1.50 x1.50x.25=38.25cft@ 18992.15/%cft	=Rs.7264.49	
Ch-6 p-42/56		
TOTAL		=Rs.373070.29

Say Rs.373070/-

ESTIMATE FOR THE CONSTRUCTION OF FOOT PATH AND ROAD PSC CHILDREN PARK AT PSC PLANT COLONY KHANEWAL

1. Excavation		
2x 90 x 1.50x.25=67.50cft		
2x 8 x 1.50x.25 =6.00cft		
Total	=73.50cft@ 5005.45/%cft=Rs.367.90	
Ch-3 p-30/21b		
2. 1 st class bricks work in 1:5		
Wall 2x90x1.125x.25	=50.62-cft	
Wall 2x90x .75 x1.0	=135-cft	
Step 2x8x1.125 x.25	=4.50cft	
Step 2x2x8x1.125 x.50	=18.00cft	
Step 2x4x8x1.125 x.50	=36.00cft	
Total	<u>=244.12cft@17478.95/%cft</u>	
Ch-7 p-51/52	=Rs.42669.61	
3. Deep pointing struck joint 1:2		
2x90x1.75	=315sft	
2x8x1.75	=28sft	
2x4x8x1.125=72sft		
Total	=415sft@ 1604.35/%sft	=Rs.6658.05
Ch-11 p-73/18a		
4. P/F Tuf tile complete with sand cushion (N.S.R)		
90' x 8'=720-sft@ 80/psft	=Rs.57600.00	
5. P/laying dry brick parament in road		
178' x9' x .375'=600.75cft@ 13953.05/%cft	=Rs.83822.94	
TOTAL		=Rs.191118.50

Say Rs.191118/-

ESTIMATE FOR THE P/F M.S GRILL IN PANNEL OF BOUNDARY WALL PSC CHILDREN PARK AT PSC PLANT COLONY KHANEWAL

1. P/F M.S grill in panel of boundary wall consisting of M.S Flat and 4 Nos Flat iron 1 ¼" x 3/16 at Top and bottom with ¾" sq



bar vertical at 6" c/c to provide with ½" M.S sq. bar circular/semi circular ring at intermediate position complete with paint

(178'+178'+112+104) =572-rft
 Deduction pillar 68 x 1.125 =76.50-rft
 Total =495.50-rft
 (N.S.R)
 495.50rft @1355/rft =Rs.671402.50

2. Making and fixing steel grated gate complete with locking arrangement angleiron frame 2 x 2" x 3/8 and ¾ square bar 4" center to center complete
 8' x 6' =48sft@824.55/psft =Rs.39578.40
 Ch-25 p-154/31

TOTAL =Rs.710980.90
Say Rs.710980/-

ESTIMATE FOR THE REPAIR & MAINTENANCE OF MATTEL ROAD INTAKE SHED TO FRONT OF COTTON SECTION, FRONT OF MAIN STORE, PRESTORE AND FINISH STORE PSC PLANT KHANEWAL

1. Providing surface treatment including supply of bitumen and bajri completed with carriage
 East side 450' x 23' =10350-sft
 Weigh bridge side 140' x 13' =1820-sft
 Front of pre-store 192' X 23 =4416-sft
 (North side) 250 X 32 =8000-sft
 Front of main store
 West side 564 X 30 =16920-sft
 South side 300 X 22 =6600-sft
 Total =48106-sft
 @ 3622.07/%sft=Rs.1742432.99
 Ch-18 p-109/8ii+2nd ii +3rd

2. P/L Base Course
 40x12x.50 =240-cft
 12x 8 x.25 =24-cft
 2x22x3 x.50=66-cft
 1x30x3x.50 =45-cft
 Total =375cft@10907.18/%cft =Rs.40901.92
 Ch-18p-108/4a
 3. Patch work lumsum =Rs.20000.00

TOTAL =Rs.180,3334.91

Say Rs.1803335/-

ESTIMATE FOR THE REPAIR & MAINTENANCE OF MATTEL ROAD MAIN GATE TO PSC REST HOUSE 81-82/10-R, KHANEWAL

1. Providing surface treatment including supply of bitumen and bajri completed with carriage.
 Main gate colony to PSC Rest House
 1160 x 20 =23200-sft @3622.07/%sft=Rs.608320.24
 Ch-18 p-109/8ii2nd ii+3rd

2. Dismantling of existing concrete patch and dabries from out site
 =Rs.1500.00

3. Patch work lumsum =Rs.10000.00

TOTAL =Rs.619820.00

ESTIMATE FOR THE REPLACEMENT OF WATER SUPPLY LINE FOR FIRE FIGHTING ARRANGEMENT (EXTENSION AREA) PSC PLANT KHANEWAL

1. Excavation
 1968 x 2x 3=11808cft@3569.30/%cft =Rs.42146.29
 ch 3p-32/44
 2. Removing of existing pipe 1968rft@ 2/prft (NSR) =Rs.3936.00
 3. P/F PVC pipe 3" =1968rft@161.45/rft =Rs.317733.60
 Ch23 p-135/27b
 4. P/F PVC bend 6-Nos @273.15/each =Rs.1638.90



Ch23 p-137/37ii			
5. P/F PVC socket	150-Nos @216.10/each	=Rs.31415.00	
Ch23 p-138/39ii			
6. P/F PVC Tee	16-Nos @590.90/each	=Rs.9454.40	
Ch23 p-138/38ii			
7. P/F G.I pipe 3"	56-rft @398.50/rft	=Rs.22316.00	
Ch23 p-134/22ii			
8. P/F PVC Taped	12-Nos @127.95/each	=Rs.1535.40	
Ch23 p-139/40a			
9. P/F PVC Flanged 3"	39=kg @107/kg	=Rs.4173.00	
Ch23 p-135/28b,i			
10. P/F fine hydrant	=12-Nos @4736.45/each	=Rs.56837.40	
Ch23 p-136/32			
11. Cement plaster 1:4, ½ thick	696-sft@1497.90/%sft=Rs.10425.38		
Ch11 p-72/9b			
12. 1st class bricks work in 1:5	=216cft@17478.95/%cft=Rs.37754.53		
Ch7p-52/5ii			
13. P/F gate valve	2-Nos@6604.15/each	=R13208.30	
Ch23 p-136/30a			
14. Back Filling	8266-cft@1188/%cft	=Rs.9820.00	
Ch3 p-29/13a			
15. Dismantling of soling work	=3936-sft@2/sft(NSR)=Rs.7872.00		
16. Restoration of bricks on edge	=3936sft@2853.70/%sft=Rs.112321.63		
Ch21p-122/10			
17. Dismantling of bricks work	=216-cft@2019.60/%cft=Rs.4362.32		
Ch4 p-34/13			
18. Making connection for new water supply line with	=Rs.1500.00		running line (lumsum)
TOTAL	=Rs.688450.00		

ESTIMATE FOR THE CONSTRUCTION OF ACID WASHING TANK SIZE (50 X 40) AND R.C.C. PIPE LINE FOR OUTLET OF WATER PSC PLANT KHANEWAL

1. Excavation			
50 x 40 x 5	=10000-cft		
20 x 5 x 5	=500-cft		
150 x 2 x 1	=300-cft		
Total	=10800cft@ 5005.45/%cft=Rs.54058.86		
Ch-3 p-30/21b			
2. 1 st class bricks work in 1:4			
Tank bed 50 x40 x.25	=500-cft		
Wall 2 x 50x1.125x5.0	=562.50-cft		
2x37.75x1.125x5	=424.68-cft		
Total	=1487.18cft@16959.70/%cft		
Ch-7 p-51/4i	=Rs.252221.26		
3. Cement Plaster 1:4 ¾"thick			
2x37.75x7	=528.50-sft		
2x 50x 7	=700-sft		
Total	=1228.50sft@ 2027.20/%sft =Rs24904.15		
Ch-11 p-72/9c			
4. P.C.C 1:2:4 3"thick			
47.75 x 37.75=1802.56-sft@ 5635.10/%sft	=Rs.57600.00		
Ch-10 p-6715(i)			
5. R.C.C pipe 6"	=150rft@128.30/rft	=Rs.19245.00	
Ch-21 p-120/1(ii)			
6. Providing & fixing of marble tile 24' x 12" x 1" on top of floor of wall with polish and rubbing complete.			
Floor 47.75 x 37.75	=1802.56-sft		
Wall 2 x47.75x7.50	=716.25-sft		
2x37.75x7.50	=566.25-sft		
Total	=3085.06-sft@110/psft =Rs.339356.60		
(N.S.R)			
TOTAL	=Rs.791361.87		

Say Rs.791362/-



ESTIMATE FOR THE REPAIR & MAINTENANCE OF OFFICE BLOCK PSC PLANT KHANEWAL

1.	Two coats distemper 26103-sft@218.50/%sft	=Rs.57035.05	ch 11p-
73/23b			
2.	Two coats paint 8912-sft@ 814.60/%sft ch 13p-85/4c	=Rs.72597.15	
3.	Removing of existing damage plaster 976-sft @ 198/%sft	=Rs.1932.48	
Ch4 p-37/48			
4.	Cement Plaster 1:4 976-sft @2027.20/%sft	=Rs.19785.47	
Ch11 p-72/9c			
5.	Dismantling of existing floor 510-cft @ 5227.20/%cft	=Rs.26658.72	
Ch4 p-35/19c			
6.	P.C.C. 1:2:4, 3"thick =2040-sft @5635.10/%sft	=Rs.114956.04	
Ch10 p-67/15i			
7.	P/F Marble patti 600-rft @6.60/rft	=Rs.3960.00	
Ch10 p-70/42a			
8.	Cement skirting 1:2 = 300-sft@2863.55/%sft	=Rs.8590.65	
Ch10 p-69/36a			
9.	Replacement of ply (new ply both side)and with repair of ply door) 8-Nos @ 2000/each(NSR)	=Rs.16000.00	
10.	P/F Mortice lock 4-Nos @476.80/each	=Rs.1907.20	
Ch12 p-78/21			
11.	Scraping of existing white washing 4630-sft@118.80/%sft	=Rs.5500.44	
Ch4 p-38/49i			
12.	Two coats white washing 4630-sft@170.80/%sft	=Rs.7908.04	
Ch11p-74/25b			
13.	P/F Bib cock 4-Nos@ 328.90/each	=Rs.1315.60	
14.	P/F PVC pipe 3" 13-rft@161.45/rft	=Rs.2098.85	
Ch23 p-135/27b			
15.	P/F flush tanky 3-Nos @1119.05/each	=Rs.3357.15	
Ch19p-113/12			
16.	Unuseless debries from out side	=Rs.3000.00	
TOTAL		=Rs.346602.71	
		=Rs.346603	

ESTIMATE FOR THE REPLACEMENT OF EXISTING ROOF SECURITY OFFICE PSC PLANT KHANEWAL

1.	Dismantling of Existing Roof	
	19.75" x 13.50" = 266.62sft @ 4/psft = Rs.1066.50/-s	
2.	1st Class Brick Work in 1:5	
	2x13.5"x.75"x1" = 20.25 cft	
	2x11.5"x.75"x1" = 17.25 cft	
	2x6".0x.75"x4.0" = 36.00 "	
	1x13.5x.75x4.0 = <u>40.50 "</u>	= Rs.19337.93
	Total = 114.50cft @ 16963.10 /%.cft	
		ch7p-52/7
3.	1st Class Brick Work in 1:5 above 10" height	
	Para pit 2x19.75"x.75"x.75" = 22.21cft	
	2x12.0x.75"x.75" = <u>13.50"</u>	
	Total = 35.71 cft@(16963+61250)17575.60/%cft	
		= Rs.6276.24
4.	R.C.C 1:2:4	
	Slab 19.75"x13.50"x.72" = 111.98cft	
	Beam 1x13.50"x0.75"x.75" = 7.59cft	
	Shade 1x13.50"x2.50"x.25" = <u>8.43cft</u>	
	Total = 128cft@302.45/pcft	=Rs.38713.60
5.	Steel 448kg @ 11020.20/%kg ch6p-43/9b	= Rs.49370.49
6.	Cement Plaster under R.C.C.	
	Slab 12x11.50 = 138sft	
	12x6.0 = 72sft	



Beam 13.50x2.25 = 30.37sft
 Shade 13.50x5.50 = 74.25sft
 Total = 314.62sft @ 1879.75/%sft =Rs.5914.06
 Ch 11 p-72/10c

7. Cement Plaster 1:4 ¾" thick

2x12x1.75 = 42sft
 2x11.50x1.75 = 40.25sft
 2x12.75x4.75 = 121.12"
 2x6.0x4.75 = 57.00sft
 1x13.50x1.0 = 135sft
 2x19.75x1.0 = 39.50sft
 Parapit 2x19.75x2.25 = 88.87sft
 2x13.50x2.25 = 60.75sft
 Total =584.49@2027.20/%sft
 =Rs.11848.78

8. Khassi Pernala 13-rft@81.95/rft =Rs.1065.35
 Ch9 p-62/14
 9. Bottom Khurra 1-No. @744.35/each =Rs.744.35
 Ch9 p-62/16

10. Polythene sheet 12 x 19=228-sft@3.40/psft =Rs.775.20
 Ch11p-74/25b

11. Tile on roof 228-sft@ 5796.05/%sft =Rs.13214.99
 Ch 9 p-60/15

12. Deep pointing 1:2
 1 x 13.50 x 4 =54sft
 2 x 6.75 x 4 =54-sft@1604.35/%sft=Rs.1732.69

Ch11 p-73/18a

13. White washing 2260-sft @230.05/%sft =Rs.5199.13
 Ch19p-113/12

14. Painting door & windows 196-sft @814.60/%sft =Rs.1596.61
 Ch13p-85/4c

15. Electrical work

i. S/E P.V.C Pipe 3/4" =17rm@111.65/rm =Rs.1896.05
 Ch24 p-141/3ii

ii. S/E P.V.C Cable 3/29 =180rm@33.40/rm =Rs.6012.00
 Ch24 p-142/11i

iii. S/E P.V.C cable 7/29 =45-rm@57.25rm =Rs.2576.25 Ch24 p-142/11iii

iv. S/E switch board 10" x 8" =2-Nos@340.25/each =Rs.680.50
 Ch24 p-144/14(iv)

v. S/E Button Holder =6-Nos@27.90/each =Rs.167.40
 Ch24 p-147/39(i)

vi. S/E Fan Box =1-Nos@147.45/each =Rs.147.45
 Ch24 p-148/45

vii. S/E Switch Paino type =12-Nos@31.30/each =Rs.375.60
 Ch24 p-147/31(i)

Total =Rs.168711.47

Say Rs.168712/-

ESTIMATE FOR THE REPAIR & MAINTENANCE OF MOSQUE PSC PLANT KHANEWAL.

1. Dismantling of brocks work
 14 x 3.50 x 2.0 =98cft
 27 x 14 x .25 =94.50cft
 Total =184.50cft@2019.60/%cft
 Ch-4 p-33/13=Rs.3726.16

2. 1st class bricks work in 1:5
 14 x 3.50 x 2.0 =98cft
 8 x .75 x 1.0 =6.00cft
 Total =104cft@16491.60/%cft
 =Rs.17151.26

Ch-7 p-51/4i



3.	P/Laying marble light gray on floor with cement plaster complete		
	14 x 12 =168sft		
	27 x 14 =398sft		
	Total	=546sft@90/psft(NSR)	=Rs.49140.00
4.	P.V.C pipe 3" =13-rft=176.10/rft		=Rs.2289.30
	Ch23 p-132/16d		
5.	P.C.C. 1:2:4, 1 1/2"thick =546-sft @3273.70/%sft		=Rs.17874.40
	Ch10 p-67/15c		
6.	P/F Marble patti 3" black 150rft@10/rft (NSR)		=Rs.1500.00
7.	Aluminum door with glass complete		
	7 x 4.50 =31.50-sft@517.45/psft		=Rs.16299.67
	Ch25 p-167/5i		
8.	Two coats distemper		
	2094-sft@218.50/%sft		=Rs.4575.39
	73/23b		ch 11p-
9.	Two coats paint 680-sft@ 814.60/%sft		=Rs.5539.28
	ch 13p-85/4c		
10.	Unuseless debries from out side		=Rs.1000.00
TOTAL			=Rs.117766.00

ESTIMATE FOR THE BRICK SOLING FOR THRESHING FLOOR IN D.C AREA SQ NO.27/86 PSC FARM 86-87/10-R KHANEWAL

1. Providing and laying dry pavement/soling on edge with sand grouting complete.
180 X110 x .375=7425cft@13953.05/%cft=Rs.1036013.96
Ch-18 p-111/19

Say **=Rs.1036014.00**



PUNJAB SEED CORPORATION SEED PLANT SAHIWAL

Extension of Vehicle Stand at PSC Seed Plant Sahwal

01. Excavation in open area for preparation of bed soling.		
56.00x16x0.33	= 298.63 cft.	
4x0.75x0.75x1.50	= 3.37 cft.	
Total: -	= 302.00 cft.	
Ch-3, P-30/ 21-B,	302@5005.45/ %0 cft.	Rs.1511.64
02. Re-handling of earth work.		
56.00x16x0.33	= 298.63 cft.	
Ch-3, P-29/13,	298.63@1188/ %0 cft.	Rs. 354.77
03. Dismantling from any height, asbestos sheet and ridged coping		
56.00x0.75	= 42.00 sft.	
Ch-4, P-35/23,	42@374.90/ % sft	Rs. 157.45
04. Providing & fixing of G.I. Pipe 3" dia cutting & jointing etc.		
5x12.00	= 60.00 rft.	
Ch-23, P-134/ 22-III-H,	60@608.15/ rft.	Rs.36489.00
05. PCC (1:2:4) as in pipe grouting/fixing.		
5x0.75x0.75x1.50	= 4.22 cft.	
Ch-6, P-42/5-F,	4.22@19044.95/% cft.	Rs. 803.69
06. Brick pavement/soling in street or road etc. sand grouting laid in proper camber including watering ramming compacting of bed to proper camber & sand cushion.		
56.00x16.16x0.375	= 339.36 cft.	
Ch-18, P-111/19,	339.36@14147.45/% cft.	Rs.48010.78
07. Providing & fixing of bed plate 4"x4" MS plate 1/4" thick top of pipe		
5 Nos.	= 200/each. NSR	Rs. 1000.00
08. Fabrication of heavy steel work with angle iron (2"x2"x1/4") T-flate iron, round iron & sheet iron etc. complete without erection in position		
L, Iron (2"x2"x 1/4")		
3x40.50	= 121.50 rft.	
15.x0.50	= 7.50 rft.	
Total: -	= 129.00 rft. @3.19 Lbs/Rft =411.51 Lbs OR	
	187.05 kg	
Ch-25, P-153/10,	187.05 kg @11921.85/% kg	Rs.22299.82
09. Erection in position & fitting in position Iron trusses/angle etc.		
187.0 kg.		
Ch-25, P-153/11,	187.05@560.10/% kg.	Rs.1047.66
10. Asbestos cement corrugated sheet roofing including necessary overlaps & G.I. hook, bolts, nuts, screws, washers & bitumen washers (Excluding valley & ridges etc.		
1x40.50x16.50	=668.25 sft.	
Ch-9, P-63/26,	668.25@5781% sft.	Rs.38631.53
11. Extra labour for erection Asbestos sheets roofing above 20 ft. height fixing, ridges & valley 1/4" thick (6 mm thick)		
9x16.50	=148.50 rft.	
Ch-9, P-63/28,	148.50@71.60/rft.	Rs.10632.60
Total Amount:		Rs.160938.94
		Say Rs.161000.00

Brick Soling around Main, Pre-Stores & Plant Boundary at PSC Seed Processing Plant Sahiwal

1. Removing of all kind debris, bushes, steel pieces, plats MRSD bars, brick ballast etc. up-routing sarkanda growth and disposal within 100 ft. (30 meter).

1x550.00x34.00	= 18700.00 sft.	
1x500.00x17.00	= 8500.00 sft.	
1x530.00x17.00	= 9010.00 sft.	
1x40.00x54.00	= 2160.00 sft.	
1x34.00x30.00	= 1020.00 sft.	
Total: -	= 39390.00 sft.	
Ch-3, P-33/48,	39390@57/ % sft.	Rs. 22452.30
2. Erath filling under soling		
500.00x34.00x1.25	= 21250.00 cft.	
Ch-3, P-29/15-I,II+16-I+17 abc,	21250@9400/ %0 cft.	Rs.199750.00
3. Providing & laying dry brick pavement/soling in street or roads etc. sand grouted laid in proper camber including preparation watering compacting of bed to proper camber & sand cushion.		
1x550.00x34.00x0.375	= 7012.50 cft.	



1x500.00x17.00 x0.375	= 3187.50 cft.	
1x530.00x17.00 x0.375	= 3378.75 cft.	
1x40.00x54.00 x0.375	= 810.00 cft.	
1x34.00x30.00 x0.375	= 382.50 cft.	
Total: -	= 14771.25 cft.	
Ch-18, P-111/19,	14771.25@14147.45/ % cft.	Rs.2089755.21

Total Amount: Rs.2311957.51
Say Rs.2312000.00

Concrete floor platform at PSC Seed Plant Sahiwal size (183`-6" x 80`-6")

1. Dismantling of brick work built in CM.		
2x2x15.00x0.75x1.25	= 56.25 cft.	
1x2x35.00x0.75x1.25	= 65.62 cft.	
1x1x25.00x0.75x4.15	= 77.81 cft.	
Total: -	=199.68 cft.	
Ch-04, P-34/13,	199.68@2019.60/ % cft.	Rs.4032.73
2. Pacca bricks work in CM (1:4) QTY as item No.1 of BOQ	= 199.68 cft.	
Ch-7, P-51/4-I,	199.68@17150.50/ % cft.	Rs.34246.19
3. Removing bricks of flagged flooring without concrete foundation.		
1x183.50x80.50	= 14771.75 sft.	
Ch-04, P-36/29,	14771.75@403.90/ % sft.	Rs.59663.09
4. Providing & laying watering and ramming brick ballast 1 ½" to 2" mixed with 25% sand for floor foundation complete in all respect.		
183.50x80.50x0.33	= 4874.67 cft.	
Ch-10, P-66/03,	4874.67@3537.10/ % cft.	Rs.172421.95
5. Providing & laying conglomerate flooring (Two coat work) with top layer of ½" thick wearing surface consisting of one part cement & two part of stone chips passing 3/16" sieves over bottom layer of CC (1:3:6) including surface finishing & dividing in panels 2" thick in all respect		
1x183.50x80.50	= 14771.75 sft.	
Ch-10, P-67/16-c,	14771.75@4436.70/ % sft.	Rs.655378.23
6. Removing old bricks debris from site as designated place by the Incharge Plant & Engineer at site.		
A lamp sum amount (Rs.12000) NSR		Rs.12000.00
Total Amount:		Rs.937042.19
Say Rs.937800.00		



Office Block Renovation PSC Plant Piplan District Mianwali

Sr, No.	2 Coat Distemping Old Surface	
01.	Office Room No.01	2 x 11.00 x 11.00 = 242.00 sft 2 x 8.50 x 11.00 = 187.00 sft 1 x 11.00 x 8.50 = 93.50 sft
	Office Room No. 02	2 x 11.00 x 11.00 = 242.00 sft 2 x 12.00 x 11.00 = 264.00 sft 1 x 12.00 x 11.00 = 132.00 sft
	Office Room No. 03	2 x 11.00 x 11.00 = 242.00 sft 2 x 12.00 x 12.00 = 264.00 sft 1 x 11.00 x 11.00 = 121.50 sft
	Office Room No. 04	2 x 15.50 x 11.00 = 341.00 sft 2 x 11.00 x 11.00 = 242.00 sft 1 x 15.50 x 11.00 = 170.00 sft
	Office Room No. 05	2 x 11.00 x 11.00 = 242.00 sft 2 x 8.50 x 11.00 = 187.00 sft 1 x 11.00 x 8.50 = 93.50 sft
	Office Room No. 06	2 x 11.00 x 11.00 = 242.00 sft 2 x 10.00 x 11.00 = 220.00 sft 1 x 11.00 x 10.00 = 110.00 sft
	Office Room No. 07	2 x 17.00 x 11.00 = 374.00 sft 2 x 11.00 x 11.00 = 242.00 sft 1 x 17.00 x 11.00 = 187.00 sft
	Attached Bath	2 x 5.50 x 5.00 = 55.00 sft 2 x 5.00 x 5.00 = 50.00 sft 1 x 5.00 x 5.00 = 27.50 sft
	Office Room No. 08	2 x 12.00 x 11.00 = 264.00 sft 2 x 11.00 x 11.00 = 242.00 sft 1 x 12.00 x 11.00 = 132.00 sft
	Attached Bath	2 x 5.50 x 5.00 = 55.00 sft 2 x 5.00 x 5.00 = 50.00 sft 1 x 5.00 x 5.00 = 27.50 sft
	Office Room No. 09	2 x 12.00 x 11.00 = 264.00 sft 2 x 11.00 x 11.00 = 242.00 sft 1 x 12.00 x 11.00 = 132.00 sft
	Lat/Bath Portion	2 x 2 x 5.50 x 07.00 = 154.00 sft 2 x 2 x 4.00 x 07.00 = 112.00 sft 2 x 1 x 5.50 x 04.00 = 44.00 sft 2 x 1 x 8.50 x 10.50 = 170.00 sft 1 x 1 x 8.50 x 5.12 = 43.50 sft
	Verandah Roof	2 x 26.58 x 07.00 = 372.12 sft 1 x 20.16 x 07.00 = 141.12 sft
	Walls	2 x 26.58 x 11.00 = 584.76 sft 1 x 20.16 x 11.00 = 221.76 sft
	Pillars	9 x 2 x 0.33 x 11.00 = 138.68 sft 9 x 1 x 1.12 x 11.00 = 111.37 sft
	Shades	6 x 7.00 x 2.00 = 84.00 sft 3 x 5.00 x 2.00 = 30.00 sft 4 x 4.00 x 2.00 = 32.00 sft
	Total Quantity	= 8004.73 sft



Deductions :

Doors = 9 x 3.50 x 7.00 = 220.50 sft
 1 x 3.00 x 7.00 = 21.00 sft
 4 x 2.50 x 7.00 = 70.00 sft
 Windows = 6 x 6.00 x 5.00 = 180.00 sft
 = 3 x 4.00 x 5.00 = 60.00 sft
 = 4 x 3.00 x 2.00 = 24.00 sft
 = 575.00 sft
 Net Quantity = 7429.73 sft

(Ch- 11 – P- 74) = 7429.73 sft @ 189.30/ % sft Rs. 14464.67
 23-B-II =

02. 2, Coat Painting old Surface any type

Doors = 9 x 2 x 3.50 x 7.00 = 441.00 sft
 1 x 2 x 3.00 x 7.00 = 42.00 sft
 4 x 2 x 2.50 x 7.00 = 140.00 sft
 Windows = 6 x 2 x 6.00 x 5.00 = 360.00 sft
 = 3 x 2 x 4.00 x 5.00 = 120.00 sft
 = 4 x 2 x 3.00 x 2.00 = 48.00 sft
 = 1151.00 sft

(Ch- 13 – P- 85) = 1151.00 sft @ 404.60+ / % sft Rs. 8190.51
 4-C-I + 2 307.00
 711.60

Total Amounts Rs. 23659.47
 Say Rs. 23659.00

REPAIR WORK OF MACHINERY HALL PSC PLANT PIPLAN

Sr. No. Glazing with plate glass ¼” thick including the cost of deodar wood fillets and putty exceeding 8-ft but not exceeding upto 24 sft.

01. 20 x 4.00 x 3.000 = 240.00 sft
 (Ch- 12 – P-82) = 240 sft @ 94.50 / sft = Rs. 22680.00
 47-B

02. Cutting to required size and fitting glass with fillets and putty 20 x 4.00 x 3.000 = 240.00 sft
 (Ch- 12 – P-82) = 240 sft @ 37.900 / sft = Rs. 9096.00
 46-B

03. 2 coat distempering old surface
 Wall: 2x115.00 x 35.00 = 8050.00 sft
 2x60.00 x 35.00 = 4200.00 sft
 Roof: 1x115.00 x 60.00 = 6900.00 sft
 Beam: 4 x 2 x 60 x 2.00 = 960.00 sft
 2 x 1 x 14.60 x 9.67 = 273.85 sft
 2 x 1 x 8.00 x 9.83 = 157.28 st
 Quantiy = 20541.13 sft
 Dedeuction =
 Gate 3x15.00 x 13.50 = 607.50 sft
 CSW 2 x 2 x 115.00 x 3.00 = 1380.00 sft
 1 x 2 x 60.00 x 3.00 = 360.00 sft
 1 x 1 x 60.00 x 3.00 = 180.00 sft
 Net Quantity= 18013.63 sft
 Ch-11 P-73/ 23-b-II 18013.60 @ 189.30 / %sft = Rs.34099.74

04. 2 coat painting old surface Gate 3x2x15.00 x 14.00 =1260.00 sft
 Ch-13 P-85/ 14-1-II 1260.00 sft @ 711.60 / %sft = Rs.8966.16
 CSW quantity = 1920 x 2 = 3840 sft @ 711.60 / % sft = 27325.44

05. Total Amount = Rs.102167.34
 Say Rs.102167.00



REPAIR & MAINTENANCE OF PSC RESIDENCES NO.1 OFFICER PSC COLONY PIPLAN

Sr. No.	Removing cement plaster from boundary walls	
01.		$4 \times 7.25 \times 2.75 = 79.75 \text{ sft}$ $2 \times 3.16 \times 3.25 = 20.54 \text{ sft}$ $2 \times 3.25 \times 1.50 = 9.75 \text{ sft}$ $1 \times 26.58 \times 1.42 = 37.74 \text{ sft}$ $1 \times 6.75 \times .75 = 5.06 \text{ sft}$ Quantity = 152.80 sft (Ch-4 P-37) = 152.80 sft @ 151.80 / %sft = Rs. 231.95 48
02.	½" thick cement plaster CM 1:6	$4 \times 7.25 \times 2.75 = 79.75 \text{ sft}$ $2 \times 3.16 \times 3.25 = 20.54 \text{ sft}$ $2 \times 3.25 \times 1.50 = 9.75 \text{ sft}$ $1 \times 26.58 \times 1.42 = 37.74 \text{ sft}$ $1 \times 6.75 \times .75 = 5.06 \text{ sft}$ Quantity = 152.80 sft (Ch-11 P-72) = 152.80 sft @ 1173.55 / %sft = Rs. 2722.05 12-B
03	Providing & fitting wooden door with steel chokhat locking arrangement complete in all respects	$1 \times 3.50 \times 7.00 = 24.50 \text{ sft}$ Ch-12 P-82/ 48-I 24.50 sft @ 633.90 / sft = Rs.15530.55
04	Providing and erection of electric MS board (7" x 4") with bakelite sheet 4" deep	Quantity = 2 No. Ch-24 P-144/ 14-II 2 No. @ 160.30 / each = Rs.320.60
05	Providing and erection of switches 10 / 15 Amp.	Quantity = 15 No. Ch-24 P-147 / 31-II 15 No. @ Rs.28.70 each = Rs.430.50
06	Providing and erection of 3-pin switch & plug combined recessed type	Quantity = 2 No. Ch-24 P-147 / 36-II 15 No. @ Rs.88.25 each =- Rs.176.50
07	Supplying & erection of tube light complete	Quantity = 3 No. Ch-24 P-148 / 43-II 3 No. @ Rs.589.30 each = Rs.1767.90
08	2 coat distempering old surface	Quantity 5350.21 sft Ch-11 P-73 / 23-B-II 5350.21 sft @ 189.30 / %sft = Rs.10127.94
09	2 coat painting old surface	Quantity 1279.26 sft Ch-13 P-85 / 4-c-I+II 1279.26 sft @ Rs.711.60 / %sft = Rs.9103.21
10		Total Amount = Rs.40411.20 S a y = Rs.40411.00

REPAIR & MAINTENANCE OF PSC HOUSE No.4 PSC COLONY PIPLAN

Sr. No.	Removing cement plaster from boundary walls	
01.		$2 \times 4.83 \times 2.00 = 19.32 \text{ sft}$ $1 \times 5.25 \times 2.00 = 10.50 \text{ sft}$ $3 \times 6.00 \times 1.25 = 22.50 \text{ sft}$ Quantity = 52.32 sft (Ch-4 P-37) = 52.32 sft @ 151.80 / %sft = Rs.79.42 48
02.	½" thick cement plaster CM 1:6	$2 \times 4.83 \times 2.00 = 19.32 \text{ sft}$ $1 \times 5.25 \times 2.00 = 10.50 \text{ sft}$ $3 \times 6.00 \times 1.25 = 22.50 \text{ sft}$ Quantity = 52.32 sft (Ch-4 P-37) = 52.32 sft @ 1173.55 / %sft = Rs.614.00 48
03	Providing & fixing almarah consisting 1" thick solid flush shutter	$1 \times 3.50 \times 4.50 = 15.75 \text{ sft}$ (Ch-12 P-79) = 15.75 sft @ 349.65 / sft = Rs.5506.98



	with deodar wood lipping ¼" thick complete in all respects	24
04	Providing & fixing 1 ½" thick solid flush door with commercial ply shutter complete in all respects	2 x 2.00 x 7.00 = 28.00 sft Ch-12 P-83/ 50 28 sft @ 329.55 / sft = Rs.9227.40
05	Dry brick on edge sand grouting in all respects including ½" thick mud plaster	1x 22.00 x 15.25 = 335.50 sft Ch-10 P-66 / 6 335.50 sft @ Rs.5043.00 / %sft = Rs.16919.26
06	Cement grouting with CM 1:5	22.00 x 15.25 = 335.50 sft Ch-10 P-66 / 7 335.50 sft @ Rs.1074.70 / %sft = Rs.3605.62
07	2 coat distempering old surface	Net quantity = 2321.00 sft Ch-11 P-73 / 23-b-II 2321.00 sft @ Rs.189.30 / %sft = Rs.4393.65
08	2 coat painting old surface	Quantity 283.06 sft Ch-13 P-85 / 4-c-I+II 283.06 sft @ 711.60 / %sft = Rs.2014.25
09	Providing & erection MS board with bakalite sheet 7"x 4"	Quantity 2 No. Ch-24 P-144 /1 4-II 2 No. @ Rs.160.30 each = Rs.320.60
10	Providing & erection switches 10/15 Amp	Quantity = 10 No Ch-24 P-147 / 31-II 10 No. @ Rs.28.70 each = Rs.287.00
		Total Amount = Rs.42968.18 S a y = Rs.43000.00

ROUGH COST ESTIMATE FOR REPAIR & MAINTENANCE OF PSC HOUSE NO.12 PSC COLONY PIPLAN BASED ON MRS
1ST FEB 2014 TO 31 JULY 2014 DISTRICT (MIANWAIL)

Sr #	Removing cement plaster from boundary walls	
01.		3 x 7.12 x 1.12 = 23.92 sft 2 x 6 .00 x 6.25 = 75.00 sft 1 x .75 x 6.75 = 5.06 sft 1 x 6.00 x1.50 = 9.00 sft Quantity = 112.98 sft (Ch-4 P-37) = 112.98 sft @ 151.80 / %sft = Rs.171.50 48
02.	½" thick cement plaster CM 1:6	3 x 7.12 x 1.12 = 23.92 sft 2 x 6 .00 x 6.25 = 75.00 sft 1 x .75 x 6.75 = 5.06 sft 1 x 6.00 x1.50 = 9.00 sft Quantity = 112.98 sft (Ch-11 P-72) = 112.98 sft @ 1173.55 / %sft = Rs.1325.87 12-b
03	Providing & erection of MS sheet board 7x4" complete in all respects	Quantity = 2 No. (Ch-24 P-144) = 2 No. @ 160.30 / each = Rs.320.60 14-II
04	Providing & erection switches 10 / 15 amp. Piano type	Quantity 7 No. Ch-24 P-147/31-II, 7 No. @ 28.70 each = Rs.200.90
05	Providing & fixing a solid ½" thick flush door with commercial ply door shutter approved factory manufactured	1x 4.00 x 7.00 = 28.00 sft 1x3.00 x 7.00 = 21.00 sft Quantity = 49.00 sft Ch-12 P-83 / 50, 49.00 sft @ Rs.329.50 / sft = Rs.16147.95
06	Repair of door with nail screw and wood etc.	Quantity = 3 No. NSR 3 No. @ Rs.700.00 per No. = Rs.2100.00
07	Providing & erection tube light 40 watt complete single rod	Quantity = 3 No. Ch-24 P-148 / 43-II, 3 No. @ Rs.589.30 / each = Rs.1767.90
08	Providing / fixing shower rose with rod ½" x 4" size	Quantity 1 No. Ch-19 P-114 /28-I, 1 No. @ 319.60 / each = Rs.319.60



09	P / F T-stop cock ½"	Quantity 1 No. Ch-19 P-114 /27, 1 No. @ Rs.439.60 each = Rs.439.60
10	2 coat white washing new surface	1 x 26.00 x7.00 = 182.00 sft 2 x 13.00 x7.00 = 182.00 sft Quantity = 364.00 sft Ch-11 P-73/ 25-a-II, 364.00 sft @ Rs.127.65 / %sft = Rs.464.64
11	2 coat distempering old surface	Quantity = 1752.18 sft Ch-11 P-73 / 23-b-II, 1752.18 sft @ Rs.189.30 / %sft = Rs.3316.87
12	2 coat painting old surface	Quantity = 386.96 sft Ch-13 P-85 / 4-c-I+22, 386.96 @ Rs.711.60 /%sft = Rs.2760.72
		Total Amount = Rs.29336.15 S a y = Rs.29336.00

REPAIR & MAINTENANCE OF PSC HOUSE No.13 PSC COLONY PIPLAN

Sr #	Removing cement plaster from boundary walls	
01.		3 x 6.25 x 1.25 = 23.43 sft 1 x .75 x 7.00 = 5.25 sft Quantity = 28.68 sft (Ch-4 P-37) = 28.68 sft @ 151.80 / %sft = Rs.43.53 48
02.	½" thick cement plaster CM 1:6	3 x 6.25 x 1.25 = 23.43 sft 1 x .75 x 7.00 = 5.25 sft 2 x 4.58 x 6.75 = 61.83 sft (Boundary wall) Quantity = 90.51 sft (Ch-11 P-72) = 90.51 sft @ 1173.55 / %sft = Rs.1062.18 12-b
03	Removing door with chokhat	Quantity = 2 No Ch-4 P-36 / 32-a, 2 No. @ Rs.156.40 / each = Rs.312.80
04	Providing & fixing a solid ½" thick flush door with commercial ply door shutter approved factory manufactured	4.00 x 7.00 = 28.00 sft 3.00 x 7.00 = 21.00 sft Quantity = 49.00 sft (Ch-12 P-83) = 49 sft @ 329.55 / sft = Rs.16149.95 50
05	P & F Almarah consisting 1" thick sold flush shutter with deodar wood lipping ¼" thick all arranged approved from factory fixed with deodar frame 3" x 1" including full hinges CP fitting with RCC 1:1/2:3 shelves 1 ½" thick including 3 coat painting	1 x 4.42 x 3.50 = 15.47 sft Ch-12 P-79 / 24, 15.47 sft @ Rs.349.65 / sft = Rs.5409.08
06	Providing & erection Tube light complete single rod	Quantity = 3 No. Ch-24 P-148 / 43-II, 3 No. @ Rs.589.30 / each = Rs.1767.90
07	Providing & erection switches 10/15 amp.	Quantity = 10 No. Ch-24 P-147 / 31-II, 10 No. @ Rs.28.70 / each = Rs.287.00
08	Providing & erection of MS sheet box 7"x4" complete	Quantity 2 No. Ch-24 P-144 /14-II, 2 No. @ Rs.160.30 / each = Rs.320.60
09	P / E of PVC pipe for wiring on surface including clamps inspection boxes bends complete in all respects	Quantity 90 Rft (20 mm) Ch-24 P-141 /4-II, 90 Rft @ Rs.19.05 / Rft = Rs.1714.50
10	Supply & erection of single core PVC insulated copper conductor cable in prelaid pvc pipe	Quantity = 200.00 Rft Ch-24 P-142 / 10-I, 200.00 Rft @ Rs.9.45 /Rft = Rs.1890.00
11	P / F shower rose with rod ½" x 4"	Quantity = 1 No. Ch-19 P-114 / 28-I, 1 No. @ Rs.319.60 / No. = Rs.319.60
12	P / F T-stop cock ½"	Quantity = 1 No. Ch-19 P-114 /27, 1 No. @ Rs.439.60 / each = Rs.439.60
13	2 coat distempering old	Quantity = 1752.18 sft



14	surface 2 coat painting old surface	Ch-11 P-73 / 23-B-II, 1752.18 sft @ Rs.189.30 / %sft = Rs.3316.87 Quantity = 193.88 x 2 = 387.96 sft
15	2 coat white washing new surface	Ch-13 P-85 / 4-c-I+II, 387.96 sft @ Rs.711.60 / %sft = Rs.2760.72 Quantity = 265.07 sft Ch-11 P-73 / 25-II, 265.07 sft @ Rs.127.65 / %sft = Rs.338.36
		Total Amount = Rs.36132.69 S a y = Rs.36133.00

REPAIR & MAINTENANCE OF PSC HOUSE NO.6,7,8 & 9 PSC COLONY PIPLAN

Sr #	Removing cement plaster from boundary walls	
01.		3 x 6.25 x 3.16 = 59.25 sft 2 x 4.00 x 1.50 = 12.00 sft 3 x 4.75 x 0.75 = 10.68 sft 1 x 26.00 x 1.12 = 29.12 sft Quantity = 111.05 sft (Ch-4 P-37) = 111.05 sft @ 151.80 / %sft = Rs.160.57 48
02.	½" thick cement plaster CM 1:6	3 x 6.25 x 3.16 = 59.25 sft 2 x 4.00 x 1.50 = 12.00 sft 3 x 4.75 x 0.75 = 10.68 sft 1 x 26.00 x 1.12 = 29.12 sft Quantity = 111.05 sft (Ch-11 P-72) = 111.05 sft @ 1173.55 / %sft = Rs.1303.22 12-b
03	Drying bricks on edge sand grouting complete with ½" thick with mud plaster	12.00 x 15.00 = 180.00 sft (Ch-10 P-66) = 180 sft @ Rs.5043.00 / %sft = Rs.9077.40 6l
04	Cement grouting with CM 1:5	Quantity = 180.00 sft Ch-10 P-66/ 7, 180 sft @ Rs.1074.70 per %sft = Rs.1934.46
05	P & F Almarah consisting 1" thick sold flush shutter with deodar wood lipping ¼" thick all arranged approved from factory fixed with deodar frame 3" x 1" including full hinges CP fitting with RCC 1:1/2:3 shelves 1 ½" thick including 3 coat painting	1 x 3.50 x 4.50 = 15.75 sft Ch-12 P-79 / 24, 15.75 sft @ Rs.349.65 / sft = Rs.5506.98
06	Providing & fixing a solid ½" thick flush door with commercial ply door shutter approved factory manufactured	1 x 3.50 x 7.00 = 24.50 sft 1 x 2.50 x 7.00 = 17.50 sft Quantity = 42.00 sft Ch-12 P-83 / 50, 42 sft @ Rs.329.55 per sft = Rs.13841.10
07	Providing & erection of MS sheet box 7"x4" complete	Quantity 2 No. Ch-24 P-144 /14-II, 2 No. @ Rs.160.30 / each = Rs.320.60
08	Providing & erection switches 10/15 amp.	Quantity = 10 No. Ch-24 P-147 / 31-II, 10 No. @ Rs.28.70 / each = Rs.287.00
09	Providing & erection Tube light complete single rod	Quantity = 2 No. Ch-24 P-148 / 43-II, 2 No. @ Rs.589.30 / each = Rs.1178.60
10	2 coat distempering old surface	Quantity = 1752.18 sft Ch-11 P-73 / 23-B-II, 1752.18 sft @ Rs.189.30 / %sft = Rs.3316.87
11	2 coat painting old surface	Quantity = 193.88 x 2 = 387.96 sft Ch-13 P-85 / 4-c-I+II, 387.96 sft @ Rs.711.60 / %sft = Rs.2760.72
12	2 coat white washing new surface	Quantity = 265.07 sft Ch-11 P-73 / 25-II, 265.07 sft @ Rs.127.65 / %sft = Rs.338.36
		Total Amount = Rs.40025.88 S a y = Rs.40026.00

For 4 No. houses / quarters= Rs.40026 x 4 = Rs.160104.00

REPAIR & MAINTENANCE OF REST HOUSE PSC COLONY PIPLAN



Sr #	Description	Quantity	Rate	Total
01.	Removing cement plaster from boundary walls	6 x 7.25 x 2.25 = 97.87 sft, 1 x 7.25 x 5.50 = 39.87 sft 2 x 5.50 x 3.50 = 38.50 sft, 1 x 5.16 x 3.50 = 18.06 sft 1 X 26.00 x 1.50 = 39.00 sft, 1 x 37.00 x 2.25 = 83.00 dft Quantity = 316.55 sft (Ch-4 P-37 / 48) = 316.55 sft @ 151.80 / %sft = Rs.480.52		
02.	½" thick cement plaster CM 1:6	6 x 7.25 x 2.25 = 97.87 sft, 1 x 7.25 x 5.50 = 39.87 sft 2 x 5.50 x 3.50 = 38.50 sft, 1 x 5.16 x 3.50 = 18.06 sft 1 X 26.00 x 1.50 = 39.00 sft, 1 x 37.00 x 2.25 = 83.00 dft Quantity = 316.55 sft (Ch-11 P-72 / 12-b) = 316.55 sft @ 1173.55 / %sft = Rs.3714.87		
03	Dismantling of WC + P-Trap	Qty = 1+1 (NSR) = 2 Nos @ Rs.150 / each = Rs.300.40		
04	Removing Door with Chowkat	Quantity = 1 No. 1 x 3.50 x 7.00 = 24.50 sft Ch-4 P-36/ 32-A, 1 No @ Rs.156.40 each = Rs.156.40		
05	Excavation for sewerage pipe line/ drain etc	1 x 35.00 x 1.87 x 2.25 = 147.26 cft Ch-3 P-28 / 10-1, 147.26 cft @ Rs.2919.85 / % 0 cft = Rs.429.97		
06	P/L pvc pipe 6" Dia for sewage pipe line with socket etc	Qty = 65 RFT NSR, 65 RFT @ Rs.100 per RFT = Rs.6500.00		
07	Construction of Gully grating chamber with chain wara (3'x 21/2')	Quantity 1 No. Ch-21 P-122 /8,1 No @ Rs.7384.20 / each = Rs.7384.20		
08	Dismantling chips floor	2 x 6.00 x 6.00 x 0.16 = 11.52 cft Ch-4 P-35 / 19-C, 11.52 cft @ Rs.4007.50 / % cft = Rs.461.66		
09	Dismantling of PCC floor	2 x 6.00 x 6.00 x 0.25 = 18.00 cft Ch-4 P-35 / 19-C, 18 cft @ Rs.4007.50 / % cft = Rs.721.35		
10	Providing and fitting water closet (WC) with footrest	Quantity = 2 Nos Ch-19 P-112 / 3-I,2 Nos @ Rs.1105.10 /each = Rs.2210.20		
11	P/F P trap 4 " Dia	Quantity = 2 Nos Ch-19 P-115 / 34-II, 2 Nos @ Rs.113.50 / each = Rs.227.00		
12	PCC (1:4:8) as in floor plain	2 x 6.00 x 6.00 x 0.25 = 18.00 cft Ch-6 P-41 / 3-b, 18 cft @ Rs.10258.05 / %cft = Rs.1846.45		
13	Mosaic flooring complete with topping (1:2:4) 11/2 "	2 x 6.00 x 6.00 = 72.00 sft Ch-10 P-68 / 22-a, 72 sft @ Rs.6757.45 / % sft = Rs. 4865.36		
14	P/F wood door complete with steel chowkat (1 1/2" x 1 1/2"x 1/4" angle iron frame	Store= 1 x 3.50 x 7.00 = 24.50 sft C/yard 1 x 4.00 x 7.00 = 28.00 sft = 52.50 sft Ch-12 P-82 / 48 -1, 52.50 sft @ Rs. 633.90 / sft = Rs. 33279.75		
15	2, Coat distempering old surface	Qty= 5350.21 sft (Ch-11 P-73/23-b -II) 5350.21 sft @ Rs.189.30 / % sft = Rs. 10127.94		
16	2, Coat painting old surface	Qty = 1279.26 sft (ch-13 P-85/4-c - I+II) 1279.26 sft @ Rs.711.60 / % sft = Rs. 9103		
17	P/F wash hand basn complete with pedestal	Qty 1 No (ch-19 P-114/23-II) 1 No @ Rs.2336.70 /each= Rs. 2336.70		
18	P/F side pillar cock ½" Dia CP	Qty 1 No (ch-19 P-114/23-II) 1 No @ Rs.679.60 /each= Rs. 679.60		
19	P/F shawar rose ½"x 4" Dia CP	Qty 2 No (ch-19 P-114/28-I) 2 No @ Rs.319.60 /each= Rs. 639.20		
20	P/F GI Pipe ½" Dia with specials,valves etc	Qty 13 RFT (ch-23 P-134/22-III-a) 13 RFT @ Rs.94.85 /RFT= Rs. 1233.05		
21	P/F Flush cistern Plastic made Super Asia	Qty 2 Nos (ch-19 P-113/12-I) 2 Nos @ Rs.1050.95 /each= Rs. 2101.90		
22	P/E air conditioner 1 ½" to 2 ton Capacity complete with remote control central lead (power lead, power board , switch connection brackets frame fitting with all necessary accessories complete with outside wall fitting complete all respect)	Qty 2 Nos @ RS. 50000/ each(NSR) =Rs. 100000.00		
23	Providing and reaction of bickalite sheet button holder shade large	Qty 2 Nos (ch-24 P-146/27) 2 Nos @ Rs. 44.80 / each =Rs.89.60		



size
24 Providing and reaction of energy Qty 2 Nos @ RS. 250/ each(NSR) =Rs. 500.00
severs 32 watt

Total Amount = Rs.189388.93

S a y = Rs.189400.00

Summary of Civil Work

Sr,No.

01	Repair work of PSC Plant offices Admin Block	= Rs. 26,640.00
02	Repair work of Machinery Hall PSC Plant	= Rs. 1,02,167.00
03	Repair work of officer Residence Hall PSC Plant	= Rs. 40,411.00
04	Repair work of Quarters (4,12,13) (43000+361333+29336)	= Rs. 1,08,469.00
05	Repair work of Quarters (6,7,8,9) 40026 x 4	= Rs. 1,60,104.00
06	Repair work of PSC Rest House Piplan	= Rs. 1,89,400.00
	Total Amount	= Rs. 6,27,191.00





Bid Proforma

Civil Works Tender No. 01/2015-16

(Miscellaneous Civil and Allied Works at the Seed Processing Plants, Seed Farms and other Office Establishments of the Punjab Seed Corporation)

Time & Date of Receipt of Bids: At 3:00 p.m. on 15.05.2016

Time & Date Opening the Bids: At 3:30 p.m. on 15.05.2016

Amount of Earnest Money: @2% of the bid price quoted by the participating firm

Bid Validity Period: 45 days from the date of opening of the bids

Accomplishment Period: as per the schedule given in the work order

Place of Work: As mentioned in the work order

Note: Please read the following note and instructions carefully before filing in the bid proforma:

1. Any offer not received as per terms and conditions of the invitation to bid/tender enquiry will be ignored.
2. No offer shall be considered if:
 - (a) It is received after the time and date fixed for its receipt;
 - (b) It is received without earnest money from an unregistered firm or from a firm, which is otherwise registered but not for the items mentioned in this tender;
 - (c) The bid document/tender is unsigned;
 - (d) The offer is ambiguous;
 - (e) The offer is conditional;
 - (f) The offer is from a firm blacklisted, suspended or removed from the approved list;
 - (g) The offer is received by telegram;
 - (h) The offer is of a shorter validity period than that mentioned in the tender enquiry;
 - (i) The offer is for stores and services not conforming to the specifications indicated in the bid document
3. The offer shall remain valid up to forty five (45) days from the bid opening date.
4. Bids must be submitted in double cover. The outer envelope will bear name of the PSC, tender number and date of opening but not the name of the firm, which must appear on the inner envelope only. All envelopes must be sealed properly.
5. The PSC reserves the right to purchase the stores, goods, equipment, machinery, materials, services and works in full or in part regardless of the notice of invitation and may also ignore or scrap or cancel the tender at any stage of the bidding without assigning any reason.
6. (a) If the provisional acceptance of bid issued during the validity period of the offer is not accepted by the bidder, the bid security / earnest money deposited by him shall be forfeited and the stores may be purchased at his risk and expense. (b) If a bidder withdraws or amends or revises its bid at any time during the validity period, the bid security / earnest money would be liable to forfeiture.
7. In case, the contractor/supplier fails to execute the contract strictly in accordance with the terms and conditions as laid down in the contract, the performance security deposited by him would be forfeited and the store may be purchased at his risk and expense.
8. The PSC reserves the right to claim compensation for the loss caused by the delay in the delivery of the goods, equipment, machinery, materials, services and works.
9. The delivery period will be as given in the supply/work order. Grant of grace period upto 1/3rd of the supply period will be the sole discretion of the PSC. PSC may refuse the grace period without assigning any reason thereof. Grace period, if allowed, will not be extendable. Extension of delivery period, if any, will be with imposition of the late delivery charges @ 2% of the total amount per month for the days of default.
10. Bids should be quoted on the prescribed bid proforma only. However, the bidder may add additional information or submittal letter on the official letterhead.
11. Cash receipts (in original or a certified copy) in token of having purchased the tender, must accompany the offer.
12. Bids and all correspondence should be addressed to the PSC i.e., Punjab Seed Corporation, 4-Lytton Road, Lahore.
13. Bidders must quote their firmed-up final rates after considering all aspects of the bidding, both in words as well as in figures. In case of difference between the two, rates quoted in words shall prevail.
14. Bidders not registered with the PSC for the specified stores shall submit deposit at call @ 2% of the price quoted by them in favour of the Punjab Seed Corporation, Lahore.
15. The bidder who is declared successful after financial and technical evaluation of the bids, may be required to furnish performance security deposit up to 10% of the contract price in the form of deposit at call in favour of the PSC within the period specified in Advance Acceptance of the Tender. Failure to deposit the performance



guarantee may result in cancellation of award and forfeiture of the earnest money and procurement of the stores at the risk and expense of the bidder.

16. Bidders who themselves are the original manufacturers of the demanded goods, equipment, machinery, materials, services, stores or works must indicate the name and address of the works in the country where they will manufacture or produce the goods, equipment, machinery, materials, services, stores or works they intend to supply.
17. Bidders who are not the original manufacturers of the demanded goods, equipment, machinery, materials, services, stores or works or who are the agents of the principals abroad are required to furnish an undertaking or certificate from the principal or the OEM of the specimen as hereunder. Non submission of such an authorization may render their bids liable to rejection:

“This is to certify that M/s. _____ have obtained a quotation from us against invitation to Tender No. _____ issued by the Punjab Seed Corporation to be opened on 09.06.2014. We, being the original manufacturer of the said items, hereby agree to supply/manufacture the said stores strictly in accordance with the specification laid down in the said Invitation to Bids”.

18. Bidders must indicate the complete address of the place(s) where the PSC or his authorized representative may inspect the stores during their manufacturing, production or assemblage.
19. Bids materially different from the necessary conditions of participation in the bidding, such as a conditional, ambiguous or incomplete offers are likely to be ignored.
20. Once opened, the bids shall be treated as the last and final bids and supplementary, additional or revised offers, after opening, shall not be entertained under any circumstances.
21. Bidders are at liberty to include catalogues, leaflets, brochures, operation manuals, literature and other technical data, if any, in respect of the stores offered by them in support of their bids.
22. Bidders are specifically required to indicate their Computerized National Identity Card Number (CNIC), National Tax Number (NTN), and the General Sales Tax Number (GST).
23. Any erasing, cutting, crossing, overwriting, and interlineations etc. in the bid papers offer must be duly signed with date by the person signing the original bid documents. Bidders are required to put their signatures on all pages of the bid document, except the printed literature etc. Offers containing unsigned overwriting or strike-through shall not be acceptable and may be ignored.
24. Bids should be submitted based on accounting units specified in the invitation to tenders.
25. Bidders are required to furnish a certificate or undertaking that they will be responsible for the free replacement of stores (including spares) if the same are found to be defective, substandard and or at variance with the specifications given in the tender enquiry.
26. Bidders are expected to offer the stores as per the specifications given by the PSC. In case the offered stores are at variance with the specifications given in the tender enquiry, the bidders must clearly indicate variations in their offers. Stores of the specifications superior to those specified in the tender enquiry will, however, be acceptable.
27. In case the stores of indigenous origin are offered as the stores similar to that specified in the Tender Enquiry, the bidders shall, within seven days of the opening of the bids, offer the said stores, wherever possible, for pre-inspection by the PSC or his authorized representative(s) at their own cost.
28. Where invitation of offers is for specified brand(s), offers for other brand(s) shall not be acceptable.
29. The Stores shall be brand new and shall be supplied at the place of consignment in the original manufacturer packing.
30. Bids must guarantee at least three years’ free service and supply of the spare parts.
31. Wherever feasible and required, samples and specimens should accompany the bids. Bulky samples may be offered for inspection at the bidders’ place. PSC may demand additional samples, if required by him.
32. Bidders may, under a prior arrangement, see the samples of the stores required by the PSC at their own expense, if available.
33. In case of imported stores and spare parts, bidders shall furnish a certificate that the equipment and the spare parts shall all be genuine, brand new and in the original manufacturer packing. Name of the original manufacturer in whose packing the spares will be supplied, wherever possible, must be given in the offer.
34. Bidders shall also furnish a certificate that they will be responsible for free replacement of the supplied parts if they are found not suitable for the equipment, machinery or engine.
35. In case of imported stores or spares, import documents shall be shown at the time of inspection to ensure that stores offered for inspection are imported ones, brand new and in original packing of the manufacturer. Bidders must note that non-exhibition of the import documents at the time inspection or on demand later may lead to forfeiture of their security deposits and procurement of the stores at their risk and expense.
36. Testing charges of the sample(s), if any, shall be borne by the bidder/supplier irrespective of the results of testing.
37. Bidders must note that no part payment will be made at any stage. Payment will be made in accordance with the terms and conditions as laid down in this respect in the supply order and the contract agreement. Release of payment will be subject to satisfactory performance of the contract and the final inspection and acceptance note by the consignee or the PSC.
38. Disputes, if any, will be resolved as per the terms and conditions laid down in this respect in the bid documents preferably through mutual consultations followed by arbitration.



Bidder's Signature and Seal

Name: _____
 Designation: _____
 CNIC No. _____
 Address: _____
 Phone Office: _____
 Phone Works: _____
 Fax No. _____
 Mobile No. _____
 Email address: _____
 Website: _____
 Date: _____

Witnesses:

1. Signature: _____ Name: _____ Designation: _____ CNIC No. _____ Date: _____	2. Signature: _____ Name: _____ Designation: _____ CNIC No. _____ Date: _____
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List of enclosures or attachments, if any:

1. _____
2. _____
3. _____
4. _____
5. _____



**Bid Price Schedule**

Sr.	Description	Estimated Cost (Rs)	Quoted Price (Rs)
PSC SEED PLANT AND FARMS KHANEWAL			
1	Waterproofing treatment of valleys & gutters including proper slopes for speeding drainage of rainwater of shell roofs at Seed Plant	4,274,000	
2	Repair and maintenance of overhead water reservoir at Seed Plant	142,000	
3	Extension/Renovation of kitchen at Rest House	358,000	
4	Construction of boundary wall of Children Park at Plant Colony	373,000	
5	Construction of footpath & jogging track at Children Park Plant Colony	191,000	
6	P/F of MS Grill at boundary wall of children park Plant Colony	711,000	
7	Repair & Maintenance of road from intake shed to front of cotton section, main store, pre-store and store-12 at Seed Plant	1,803,000	
8	Replacement of water supply line for firefighting arrangements (extension area) at Seed Plant	688,000	
9	Construction of acid water tank (50'x40') & RCC pipeline for outlet of acid washing water at Seed Plant	791,000	
10	Repair & maintenance of Office Block at Seed Plant	346,000	
11	Replacement of roof of security office at Seed Plant	169,000	
12	Cement plaster of the boundary wall north & south sides of Seed Plant	172,000	
13	Repair & maintenance of mosque of Seed Plant	118,000	
14	Repair of bathroom & toilet for labour at Seed Plant	117,000	
15	Repair & maintenance of metal road from main gate to Rest House at Colony (81-82/10-R)	620,000	
16	Construction of boundary wall east & south side chak abadi Seed Farm 81-82/10-R	1,403,000	
17	Construction of boundary wall of kacha store PSC Farm 81-82/10-R	1,342,000	
18	Brick soling of thrashing floor in DC area Sq No.27/86 at Farm 86-87/10-R	1,036,000	
19	Reconstruction of watercourse in Sq. No.14&15/86 DC area Farm 86-87/10-R	902,000	
20	Repair & maintenance of concrete road in front of office & officer residences at Farm 86-87/10-R	274,000	
21	Repair & whitewashing of store & veranda at Farm 86-87/10-R	140,000	
22	Fixing of angle iron and barbed wire at Store 86-87/10-R	48,000	
PSC SEED PLANT AND FARMS SAHIWAL			
1	Extension of vehicle stand Seed Plant	161,000	
2	Brick soling around main/pre-store & plant boundary	2,312,000	
3	Concrete floor of platform at Seed Plant	938,000	
4	Addition, alteration, renovation & improvement of Rest House	1,353,000	
5	Repair & maintenance of Admn. Block Plant	400,000	
6	Repair & maintenance of Plant Building, Stores & Labour rooms	1,000,000	
7	P/F of water filtration plant with civil structures at Seed Plant	650,000	
8	Repair of Internal road from main gate to Cold Store & main gate to end of main store at Seed Plant	2,502,000	
9	Repair of Internal road from main gate to Rest House at Colony	1,500,000	
10	Construction of Kachra Shed (25'x20'18') at Seed Plant	615,000	
PSC SEED PLANT RAHIMYAR KHAN			
1	Construction of foundation of girder, concrete platform, acid washing tank wall & marble plates inside Seed Plant	648,000	
2	Reconstruction of Germination Room at Seed Plant	243,000	
3	Renovation of Quality Control Laboratory at Seed Plant	212,000	
4	Renovation of Germination Room Seed Plant	294,000	
5	Tuff tile work front of office at Seed Plant	70,000	
6	P/F of china glaze tiles 24"x24" and distemper work of veranda at Rest House	40,000	
7	P/F of china glaze tiles 24"x24" and distemper work of dining hall at Rest House	94,000	
8	P/F of china glaze tiles 24"x24" and distemper work of kitchen at Rest House	53,000	
9	Construction of watercourse for disposal of sewerage water at Colony	87,000	
10	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	98,000	
11	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	60,000	
12	P/F of china glaze tiles 24"x24" for veranda and rooms of Office Block at Seed Plant	46,000	
13	P/F of water filtration plant with civil structures at Seed Plant	650,000	
PSC SEED PLANT AND FARMS PIPLAN, MIANWALI			
1	Repair of Offices Admn Block at Seed Plant	27,000	



2	Repair of machinery hall at Seed Plant	102,000	
3	Repair of Officer Residence No.1	40,000	
4	Repair of Staff Quarters No.4,12&13	108,000	
5	Repair of Staff Quarters No.6,7,8 & 9	160,000	
6	Repair Rest House Piplan	189,000	
7	P/F of water filtration plant with civil structures at Seed Plant	650,000	

Total price in words _____

Note: In case of discrepancy between unit price and total, the unit price shall prevail.

Bidder's Signature and Seal

Name: _____

Designation: _____

Date: _____





Undertaking by the Bidder

1. I/We hereby confirm to have read carefully complete description of the goods, equipment, machinery, materials, services, stores or works and all the terms and conditions of your Tender No. 01/2015-16 due for opening on 15.05.2016 for the supply of the goods, equipment, machinery, materials, services, stores or works as advertised in the tender notice as well as those contained in the Bid Proforma and the Punjab Procurement Rules, 2014 (PPRA-2014). I/We agree to abide by all these terms, conditions, stipulations, obligations, and instructions.
2. I/We also hereby categorically confirm that the stores offered by me/us conform to the particulars and specifications as laid down in your tender enquiry in all respects and that any difference has been fully and duly explained in the bid papers submitted by me/us.
3. I/We accept that if the required bid security/earnest money is not furnished or my/our offer is found lacking in respect of any other requirements of your tender enquiry, it shall be ignored and I/We shall have no claim to it, whatsoever.
4. I/We hereby acknowledge that timely accomplishment of the assignment is the essence of the contract and do hereby confirm to adhere to the delivery schedule as given in the tender enquiry/supply order/contract agreement. In case of non-adherence, I/We agree unconditionally to accept the recovery of liquidated damages on belated accomplishment @ 2% per month or part thereof.
5. I/We certify that the prices quoted in this tender enquiry are not more than the prices charged by my/us from any other purchasing agencies in the country; and in case of any discrepancy, I/We hereby undertake to refund the price charged in excess.
6. I/We certify and undertake that we have not been blacklisted by any public or private authority or organization in the country or abroad as the bidder/supplier/manufacturer/contractor or in any other capacity and that, I/We are currently not in litigation with any other authority or organization in this capacity.
7. I/We undertake to accept any or all decisions of the PSC with respect to acceptance and rejection of my/our bid, in part or in whole, and that such a decision shall not be justiciable in any court of law at any time and at any stage. I/We further understand that the PSC is not bound to accept the lowest bid necessarily.
8. I/We undertake that if our bid is accepted, I/We shall provide a performance security in the form, in the amounts, and within the time specified in the advance acceptance of the tender or the contract agreement.
9. I/We agree to abide by this bid for the entire bid validity period as specified in the bid documents and it shall remain binding upon me/us to accept the advance acceptance of the bid offered to me/us during the original as well as the extended validity period.
10. I/We undertake that pending preparation and execution of a formal contract agreement, my/our bid together with the advance acceptance of bid and notification of award, if any, issued by the PSC shall constitute a valid and binding contract between the PSC and me/us.
11. I/We certify and confirm that as per the requirements laid down in the bid documents, I/We qualify the eligibility criteria of participating in the bid.
12. I/We solemnly affirm and declare that contents of this undertaking are true to the best of my/our information, knowledge and belief and that nothing material has been withheld by me/us.

Deponent

Bidder's Signature and Seal

Name: _____
 Designation: _____
 CNIC No. _____
 Date: _____

Witnesses:

1. Signature: _____ Name: _____ Designation: _____ CNIC No. _____ Date: _____	2. Signature: _____ Name: _____ Designation: _____ CNIC No. _____ Date: _____
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Contract Agreement (Specimen)

This agreement is made in the presence of the witnesses named below on this ____ day of _____ at _____ between the Punjab Seed Corporation, Lahore (hereinafter called "the PSC") and _____ (hereinafter called "the Contractor").

Whereas the PSC invited bids for certain goods, equipment, machinery, materials, services, stores or civil works and has accepted a bid by the Contractor for the supply of those goods, equipment, machinery, materials, services, stores or works in the sum of Rs. _____ (hereinafter called "the Contract Price").

Now this agreement witnesses as follow:

1. In this agreement, words and expressions shall have the same meanings as are respectively assigned to them in the bid document referred to.
2. The following documents shall be deemed to form and be read and construed as part of this agreement:
 - (a) Invitation to tenders as publicized / advertised by the PSC;
 - (b) Bid document as bought from the PSC;
 - (c) Schedule of Technical Specifications as annexed with the bid documents;
 - (d) Bid Proforma;
 - (e) Bid price schedule;
 - (f) Undertaking submitted by the bidder alongwith the bid papers;
 - (g) Advance acceptance of tender issued by the PSC to the bidder;
 - (h) Supply order for supplying the goods, equipment, machinery, materials, services, stores or works etc.;
 - (i) General and special conditions regarding purchases and procurements as given in the Punjab Procurement Rules, 2009; and
 - (j) This contract agreement as executed between the PSC and the Contractor
3. In consideration of the payments to be made by the PSC to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the PSC to provide the goods, equipment, machinery, materials, services, stores or works and to remedy the defects therein in conformity and in all respects with the provisions of the award of contract
4. The PSC hereby covenants to pay the Contractor in consideration of the provision of the goods, equipment, machinery, materials, services, stores or works and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

In witness whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

PSC

Contractor

Signature: _____	Signature: _____
Name: _____	Name: _____
Designation: _____	Designation: _____
Date: _____	Date: _____

PSC's seal

Contractor's seal