


Tenderer/ Bidders/Consulting Firms are directed to comply the following checklist along with the sealed envelope of bidding documents while participating the tender as per schedule date and time.

SR. NO	BIDDER DOCUMENTS	MENTIONED PAGE NO. (To Filled By the Tenderer)
Compulsory Required Documents to Participate in Bidding for F.Y 2021-22:-		
1	<u>Written Application</u>* on Firm’s Letter Head Pad for the Work you are going to participate under this bidding document.	
2	License of Pakistan Engineering Council A. Valid License Copy is mandatory from the PEC Registered contractors and they Submit the Complete Documents required for the said class as per prescribed guidelines of C&W, Punjab OR B. Not required for Category of Contractors working in:- “E” and “D” Class with UAF However, that firm must provide the proof dully issued by the Executive Engineer, (ECD-M) / (ECD-P) to work with UAF under E & D Category in last 5 years Or Previous Work Orders of UAF showing the experience of same nature of work going to be participate hereunder. Whereas, C. Consultancy Services Details (Technical Requirements) for load Assessment of Building Structure to install Solar Panels under ESCO-Model “ the Technical Services Required for the Work Mentioned at Sr. No 8” & Following is needed to comply prior to open the Financial Bid:- a) Must be registered with PEC as a consulting firm in civil engineering with Post Engineering Qualification in the domain of Civil Structure Engineering (M.Sc. Structure Engineering or Equivalent) b) Able for assessment of the maximum expected loadings on the structure c) Able for detailed structural inspection of the physical conditions of the existing buildings d) Able for assessment of Structural components of the building e) Able for computational analysis of the structure (ETABs) f) Able for making proposals for the project. g) Able for making financial and structural analysis of the proposals. h) Able for finalizing the best proposal with mutual consent. (read with point “f”) i) Able for making design and drawings as per requirement of ESCO- Model. (If desired by PEECA for ESCO-Model Solution) j) Able to evaluation of assessment financially and quantitatively. k) Able to define the purpose arrangements for solar panel installation at UAF Buildings Rooftop. l) Able to define the purpose for fixing of solar panels at UAF Buildings Rooftop. m) Able to propose future maintenance method and safety features/procedures to work at UAF Buildings Rooftops.	
3	Copy of Registration Certificate, (Active NTN Certificate) with Federal Board of Revenue.	

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4	Copy of Registration Certificate, (Active PNTN Certificate) with Punjab Revenue Authority Punjab		
5	An evidence regarding accepted participation in bidding process in F.Y. 2021-22 OR Work Order issued in F.Y. 2021-22 By the Executive Engineer- ECD-M/ECD-P; UAF under respective PEC/C&W Category to avoid additional documents mentioned under Sr. 6 ~11		
ADDITIONAL DOCUMENTS: {Required From the contractors/Firms not worked/participate in the Respective <u>PEC / C &W</u> Category with <u>University OF Agriculture Faisalabad (UAF)</u> in current Financial Year 2021-22 }			
6	Copy of registration certificate of Registrar of firms/securities & exchange commission of Pakistan (For Private Limited Company etc.)		
7	Status of firm (Sole proprietorship, AOP, Private Limited Company etc.)		
8	Affidavit on stamp paper of worth PKR 100/- about i. Non-Blacklisting with any public sector organization ii. Non-involvement in any Litigation procedure with UAF		
9	Bank Statement (for the last six month) with certain balance required for a category yours firms fall in.		
10	List of the completed and in-hand projects of similar nature of works you are going to participate in this bidding document executed by yours firm in last three years with brief details.		
11	Employees List clearly mentioned the Names and designation of Employees including Owner/ Directors, Engineers and officials serving in the firm.		
12	Any other documents you deem fit to assist to check the worth of yours firm. (if any)		

**
Not required for the Downloaded Tendering Documents*

Note: Bidders are directed to provide forth said information prior to the opening the tender to the Tender Cell, UAF to proceed further.

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Stereo I.B No. 389 (revised)
Stereo I.B No. 28 (revised)
Stereo I.B No. 29 (revised)

UNIVERSITY OF AGRICULTURE, FAISALABAD
Item Rate / Percentage Age Rate Tender & Contract For Works

1	Name of work:	<div>i. Upgradation of Animal Nutrition Labs at Animal Husbandry, University of Agriculture Faisalabad. (2nd Bi Annual 2021) ^{R1}</div> <div>ii. Repair and maintenance work to four class rooms and two wash rooms at Faculty of Animal Husbandry, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div> <div>iii. Repair and maintenance work of dummy column on Roof at Iqbal Hall PARS University of Agriculture Faisalabad. (2nd Bi Annual 2021).</div> <div>iv. Upgradation of lab at Amina Hall University of Agriculture, Faisalabad. (2nd Bi Annual 2021).</div> <div>v. Repair and maintenance work to House No.51 Lalazar Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2021).</div> <div>vi. Repair and maintenance work to House No. 104 Firdous Hall University of Agriculture, Faisalabad. (2nd Bi Annual 2021) ^{R2}</div> <div>vii. Repair of Transformer rating 200 KVA installed at Ayub Hall & Tariq Hall, University of Agriculture Faisalabad. (2nd Bi Annual 2021) ^{R1}</div> <div>viii. Repair of Transformer rating 200 KVA installed at Faisal & Kashmir Hall, University of Agriculture Faisalabad. (2nd Bi Annual 2021) ^{R1}</div> <div>ix. Repair of roof top air conditioners installed at Lecture Theatre, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div> <div>x. Replacement of BDBs in the Department of Tissue Culture Cell, Institute of Horticulture Sciences, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div>	
	Estimated cost :	<div>i. PKR: 409,450/-</div> <div>ii. PKR: 206,900/-</div> <div>iii. PKR: 248,500/-</div> <div>iv. PKR: 158,700/-</div> <div>v. PKR: 98,500/-</div> <div>vi. PKR: 76,767/-</div> <div>vii. PKR: 168,427/-</div> <div>viii. PKR: 171,357/-</div> <div>ix. PKR: 457,699/-</div> <div>x. PKR: 161,740/-</div>	
3	Time for completion :	<div>i. One Month</div> <div>ii. One Month</div> <div>iii. One Month</div> <div>iv. One Month</div> <div>v. One Month</div> <div>vi. One Month</div> <div>vii. Two Weeks</div> <div>viii. Two Weeks</div> <div>ix. One Month</div> <div>x. Two Weeks</div>	Note: - Time Extension (if any) should not be more than original completion time mentioned in the W.O. In case of any contradiction, this provision will prevail. However, this can be right off with the prior approval of the Competent Authority, UAF any time during the execution of the work under specific circumstances.
4	Amount of Bid Security:	<div>i. PKR: 8,189/-</div> <div>ii. PKR: 4,138/-</div> <div>iii. PKR: 4,970/-</div> <div>iv. PKR: 3,174/-</div> <div>v. PKR: 1,970/-</div> <div>vi. PKR: 1,535/-</div> <div>vii. PKR: 3,369/-</div> <div>viii. PKR: 3,427/-</div> <div>ix. PKR: 9,154/-</div> <div>x. PKR: 3,235/-</div>	
5	Issued to:		
6	Pre-tender conference:	N.A.	
7	Dead Line for	-----21-12-2021-----	

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	submission of Tender:	
8	Opening of Tender :	-----21-12-2021-----
9	Issued by:	Tender Cell, University of Agriculture, Faisalabad.

Date: -----

Signature: -----

(OFFICE STAMP)

Note:

The officer / Tender Opening committee is competent to reject the tender which does not bear the stamp and signature of the issued official and which is not submitted by the same contractor to whom the tender form was issued against prescribed fee (Non-Refundable). However, the tender downloaded Free of Cost from UAF or PPRA website must reach to **Tender Cell, University of Agriculture Faisalabad** in sealed envelope along with prescribed Bid Security @ 2% in shape of CDR/DD in favour of Executive Engineer (ECD-M) /Treasure, UAF up to schedule of closing.

GENERAL DIRECTIONS

FOR

THE GUIDANCE OF THE TENDERER

1. These directions are provided to assist the tenderer in preparing and submitting his tender. The tender shall contain all information and data required to be furnished and shall be prepared and submitted in accordance with the instructions set forth herein.
2. All necessary documents, such as copies of specifications (excluding standard specification books, **MRS, 2nd Bi-Annual 2021 District Faisalabad**), contract documents, including bill of quantities, estimated scheduled rates and any other documents required in connection with the preparation of tender or execution of works, signed by the engineer-in-charge will accompany the tender form and the cost of such annexed documents will be reflected in the cost of the tender form.
3. The tenderer will not be reimbursed for any costs of any kind, whatsoever, incurred in connection with the preparation and submission of his tender.
4. No single tender shall include more than one work. A tenderer who wishes to tender for two or more works shall submit tender for each work, separately.
5. The memorandum of work tendered for, and the schedule of materials and equipment to be supplied by the engineer-in-charge and the rates at which they are to be charged for (annexed hereto) shall be filled in the office of the engineer-in-charge before the tender form is issued. At this stage the tenderer should ensure that the tender form so issued is complete in all respects.
6. The tenderer shall note that the ultimate responsibility for the quality of work and its conformity with the specifications and drawings rests solely with the successful bidder whose tender is accepted.
7. The tenderer shall, at his own expense, inspect and examine the site and surroundings and obtain for himself, on his own responsibility, all information that may be necessary for preparing the tender and entering into contract, and shall determine and satisfy him self by such means as he may consider necessary or desirable as to all matters pertaining to the tender. The tenderer shall also satisfy himself before submitting his tender as to the nature of grounds, hydrological and climatic conditions, the form and nature of the site, the nature

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and lay out of the terrain, the availability of labour, water, electric power and transportation facilities in the area. The tenderer shall specially investigate into the sources of materials to be used for the works and satisfy himself about the quality and quantities of materials available for the completion of the work and the means of access to the site, the accommodation he may require and, in general, shall himself obtain all necessary information, as to the risks, contingencies and other circumstances which may influence or affect his tender. The engineer-in-charge shall not assume any responsibility regarding information gathered interpretation or deduction, which the tenderer may arrive at, from the date that may be furnished with the contract documents.

8. (a) The tenderer shall fill up the Bill of Quantities and indicate the percentage rate above or below the MRS of rates for the "MRS items" on which he is willing to undertake each item of work. No premium will be quoted by the contractor against non-MRS/item rates, for which the rate and amount has already been filled in by the engineer-in-charge in the bid schedule.
- (b) In case tenders are called on item rate basis, the tenderer shall quote his own unit rate in the Bill of quantities on which he is willing to undertake each item of work.
9. i. The tender shall work out the amount against each item of work in the Bill of Quantities and will indicate the total amount of his tender (including the cost of Non-MRS items rates for which the rate and amount has already been filled in by the engineer-in-charge in the Bill of Quantities) on which he is willing to complete the works. The total amount worked out in the Bill of Quantities shall be entered by the tenderer in his tender as his tender price for the work. In case of discrepancy between amounts in figures and in words, the amount in words shall prevail.
- ii. Should any discrepancy be found in the amount of pay items or if a column of amount is found blank after filling in a unit rate, the unit rate filled by the tenderer will be extended in working out of the amount of the tender and the total amount of the bid schedule will be adjusted accordingly.
- iii. If a unit rate is left blank, but the amount against the item is filled, the unit rate will be worked out on the basis of the amount divided by the quantity of the item shown in the bid schedule.
- iv. If it is found that the tenderer has not entered any unit rate and amount against any of the pay items of the bid schedule, the engineer-in-charge shall fill in the blanks by noting the word "NIL" In such blanks at the time of opening of the tender. Such pay items shall be deemed to be covered by the rates of other items.
- v. If the tenderer does not accept the adjusted/corrected amount of tender according to the above provision, his tender shall be rejected, and the earnest money forfeited.
10. The tender, which proposes any alteration in the works specified in the Bill of quantities or in the time allowed for carrying out the works or any other condition mentioned by the Engineer-in-charge, will be liable to rejection. The tenderer shall sign each and every page of the tender and contract documents, without making any alteration. All enclosures issued with the contract documents, shall be attached with the tender duly signed by the tenderer. Any addition or alteration made after filing the forms shall duly attested by the tenderer. Non-compliance of this condition shall render the tender liable to rejection.
11. The tenderer shall fill in the tender documents, in ink. Errors, if any, shall be scored out, and corrections re-written legibly and attested by the tenderer. Any addition or alteration made after filling the form shall be duly attested by the tenderer. Non-compliance of this condition shall render the tender liable to rejection. Any tender with unattested correction shall be attested by the tenderer in the presence of other tenderers at the time of opening of the tender except that no correction shall be permissible in the rate or amount of the bid schedule or in the tendered price after the opening of the tender.
12. Additional Clause (s) for a particular work shall be typed on separate sheet(s) by the Engineer-in-charge, which will be annexed to the contract documents specifying the number of sheets. The tenderer shall not add or delete any additional clause(s) in the additional clauses sheet (s), provided by the Engineer-in-charge.
13. The quantities mentioned in the Bill of Quantities are estimated quantities, to be used for preparing tenders, and the Engineer-in-charge does not expressly nor by implication agree that the actual amount of works to be performed will correspond

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therewith. No payment will be made on account of anticipated profits for work covered by the contract which is not performed, nor will any adjustment in the unit rates set forth in the bid schedule be made because of an increase or decrease in the actual quantities from the estimated quantities indicated therein, except as determined in accordance with the provisions of Clause 42 of the general conditions of contract.

14. No tender without earnest money shall be entertained, Earnest money, calculated @ 2% of the estimated cost of the work (rounded suitably), shall be in the form of 'deposit at call receipt'. The earnest money of the unsuccessful tenderers shall normally be returned by the Engineer-in-charge within a week of opening of the tenders and in any case not later than sixty (60) days following the date set for opening of tenders. In the event of the tender being accepted, or receipt for the earnest money forwarded therewith, shall thereupon be given to the contractor. The earnest money of the successful tenderer on execution of the contract covering work will be adjusted towards the amount of security deposit to be retained from the first amount (s) payable to the contractor under the contract.
15. The successful tenderer will be required to enter into a contract, furnish the performance security (where-ever required) and to commence the work within the time specified in the memorandum of work. Should the successful tenderer refuse or fail for any reason to enter into contract, or to furnish the performance security or to commence the work within the time specified in the memorandum of work, it should constitute a just cause for the annulment of the award and in the event of such annulment, the entire earnest money shall be forfeited to Government, as compensation for such default.
16. (i) The tender shall be signed by the person (s) duly authorized to do so. In the event of the tender being submitted by a firm, it shall be signed separately by each member thereof, or in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power of attorney authorizing him to do so. Such power of attorney should be produced with the tender and it must disclose that the firm is duly registered under the Partnership Act, 1932, or any other law in force.

(ii) The tender submitted by a joint venture of two or more firms shall be accompanied by a document of formation of the joint venture, duly registered and authenticated by competent court, in which shall be stated precisely, the conditions under which it shall function, its period of validity, the person (s) authorized to represent it and accept it obligate, the participation of several firms forming the joint venture and any other information of necessary to permit a full appraisal of its function.
(iii) A tender submitted by a corporation must bear the seal of the corporation and be attested by its Secretary.
(iv) In all cases, the tender must be signed by an individual or individuals having powers to legally bind the firm, joint venture, corporation or companies on whose behalf they are signing.
17. Each tenderer shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender and of the rates and prices stated in the bid schedule which rates and prices shall, except in so far as it is otherwise expressly provided in the contract, cover all obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.
18. The tenderer may modify or withdraw his tender after submission, provided that the modification or notice of withdrawal is received in writing by the engineer-in-charge prior to the prescribed deadline for submission of tenders. The tenderer's modification or notice of withdrawal shall be prepared, sealed, marked and delivered, with the inner envelopes additionally marked "MODIFICATION or WITHDRAWAL as appropriate. No tender may be modified subsequent to the deadline for submission of tender. Withdrawal of a tender during the interval between the deadline for submission of tenders and the expiration of the period of tender validity i.e. sixty (60) days as specified by the tenderer in the Form of Tender may result in the forfeiture of the tender security.

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19. The tenderer shall submit the original Tender Documents complete in all respects and keep a copy of the tender for his own record. The original should be sealed in an inner and an outer envelope, duly marking the envelopes as “ORIGINAL”. The inner and outer envelopes shall (a) be addressed to engineer-in-charge (b) and bear the following identification: Tender for (Name of Contract), (Reference Number of Tender), and the words “DO NOT OPEN BEFORE (Time and Date, set for opening)”. The inner envelopes shall indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared to have been received late or is otherwise unacceptable. If the outer envelope is not sealed and marked and instructed above, the Engineer-in-charge will assume no responsibility for the misplacement or premature opening of the tender submitted. A tender opened prematurely because of improper identification will be rejected.
20. The tenderer shall indicate in the space provided in the tender his full and proper address at which notice may be legally served on him and to which all correspondence in connection with his tender and the contract is to be sent.
21. The presentation of a tender implies full acceptance on the part of the tenderer of these instructions and all other conditions set forth in the contract document.
22. Any tender received by the Executive Engineer (Engineer-in-charge) after the deadline for submission of tenders prescribed in the Notice Inviting Tenders will be returned unopened to the tenderer.
23. The Engineer-in-charge or his duly authorized officer (not below the rank of Assistant Engineer) will open tenders in the presence of intending tenderers or their authorized agents, who may be present at the time. The officer opening the tender will announce the names of the tenderer, tender rates and the presence of requisite tender security.
24. Promptly after the opening of Tenders, the Engineer-in-charge will undertake a detailed evaluation of tenders. The Engineer-in-charge will determine whether each tender is substantially responsive to the requirements of the tender documents and conforms to all the terms, conditions and specifications of the tender documents without material deviation or reservation. If a tender is not substantially responsive to the requirements of the tender documents, it will be rejected by the engineer-in-charge and may not subsequently be made responsive by the tenderer having corrected or withdrawn the non-confirming deviation or reservation.
25. Except for information to be read out by the Engineer-in-charge at the time of opening tenders in accordance with Para 23 above, no information relating to the examination, clarification, evaluation and comparison of tenders and recommendations concerning the award of contract shall not be disclosed to tenderers or other persons not officially concerned with such process. Any effort by the tenderer to influence the process of examination, clarification, evaluation and comparison of tenders, and in decisions concerning award of contract, may result in the rejection of his tender.
26. To assist in the examination, evaluation and comparison of tenders, the Engineer-in-charge may ask tenderers individually for clarification of their tenders, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the tender shall be sought, offered or permitted except as required to confirm the correction of arithmetical errors discovered by the Engineer-in-charge during the evaluation of the tender.
- 26(A) In case the total tendered amount is less than 5% of the approved estimated (DNIT) amount, the lowest bidder will have to deposit additional performance security from the Scheduled Bank ranging from 5% to 10% as under, within 15 days of issuance of notice or within expiry period of bid, whichever is earlier.

TOTAL TENDERED AMOUNT BELOW	ADDITIONAL PERFORMANCE SECURITY.
Contractor	Executive Engineer ECD-M; UAF

CORRESPONDING ESTIMATED COST.	
5%	5%
6%	6%
7%	7%
8%	8%
9%	9%
10%	10%

27. The Engineer-in-charge shall have the right of the rejecting all or any of the tenders without assigning any reason thereof. The Engineer-in-charge will not be bound to award the contract to the lowest or to any other tenderer.
28. The unit rates and prices entered in the bid schedule will be the rates at which the contractor will be paid (subject to the adjustment specified in clause 55 of the annexed conditions) and shall be deemed to include all costs of performing the work, including income tax, super tax and/or other charges, duties and taxes of the Government, autonomous, semi-autonomous and local bodies, profits and costs of accepting the general risk, liabilities and obligations set forth in or implied from the contract.
29. Prior to the expiration of the period of tender validity (60 days) prescribed in the Tender Form or any extension thereof that may have been granted by the tenderer, the Engineer-in-charge will notify the successful tenderer by cable and confirm in writing by registered letter that his tender has been accepted. This letter of acceptance shall name the sum which will be paid in consideration of the execution, completion and maintenance of the works as prescribed in the contract, (hereinafter called the contract price). The notification of award will constitute the formation of the contract.
30. At the time, the Engineer-in-charge notifies acceptance of the tender to the tenderer he will send the tenderer the Form of Agreement provided in the tender documents, incorporating all agreements between the parties. Within fifteen (15) days of receipt of the of Agreement, the successful tenderer shall furnish the performance security (10% of the Contract Price) and sign t! *e contract m the presence of the Engineer-in-charge.
31. After the successful tenderer has signed the -contract famished adequate performance security the Engineer-in-charge will notify to the un-successful tenderers that they were unsuccessful.
32. The completion period will be reckoned from the date of delivering the award or the handing over of the site to the contractor, whichever is later.
33. A copy of the contract agreement may be obtained by the contractor at his own cost.

TENDER FOR WORK

To

**The Executive Engineer,
Engineering Construction Department, (Maintenance)
University of Agriculture,
Faisalabad**

Dear Sir,

I/We.....

(Name of the contractor)

The undersigned tenderer, having examined the conditions of contract, specification, drawing bid schedule and addenda Nos..... thereto, for the work of

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.....
.....

(Name of the work)

and the works associated therewith, and having examined the site of the above named works, or having caused the site to be visited OR our behalf by my/our competent and reliable agent, and having satisfied myself/ourselves as to all conditions under which the above named work must be performed, hereby offer to execute, complete and maintain the whole of the above mentioned work including its ancillary works associated therewith, in accordance with the said contract documents, including the addenda indicated above, at tender price of Rs. (Rupees).....

Or such other sums as may be ascertained in accordance with the said conditions of contract and the rates, and the prices set forth in the bid schedule.

2. As security for the due performance of the undertaking and obligations of this tender, I/We submit herewith a deposit at call receipt No..... dated.....
In the amount of Rs. (Rupees)
From theBranch ofBank
drawn in your favour or may payable to you as earnest money, the full value of which will be absolutely forfeited to Government,, without prejudice to any other rights or remedies of the said *Government*, should I/We withdraw or modify' the tender within its validity period of sixty (60) days, following the date of receipt of tender.
- 3 .I/We understand that if my/our tender is accepted, the foil value of the earnest money as attached with the tender shall be detained by *University* towards the amount of security deposit specified in clause 48 of the said conditions of contract and item (d) of the Memorandum of work.
4. Should this tender be accepted by you, I/We hereby undertake:-
- (a) To sign ail the necessary documents for entering into a contract agreement in the form set out In the contract document within fifteen (15) days following your notification of such acceptance.
 - (b) To commence the work within the stipulated time named in item (f) of memorandum hereto annexed following the date of issuance of your order to proceed with or the handing over of the site, whichever is later and in the event of my/our failure to do so, the entire amount of earnest money deposited by me/us for which deposit at a call receipt is enclosed herewith, is to be absolutely forfeited to the University.. On the commencement of work, I/We hereby also agree to abide by and fulfill all the terms or provisions of the said conditions of the contract annexed hereto so far as applicable and in default thereof, to forfeit and pay to the University the sums of money mentioned in the said conditions.
 - (c) To complete and deliver the whole work comprised in the contract within the time stipulated in item No. (g) of the Memorandum hereto annexed, subject to such extension in the time limit as may be granted under the conditions of contract.
 - (d) the furnishing of performance security under item (h) of the memorandum annexed hereto, in the sum equal to 10 (ten) percent of the cost of the work in same form sum equal to 10 (ten) percent of the cost of the work in the same form and on the same condition as are prescribed by and to the satisfaction of the Engineer-in-charge.
5. I/We also agree that when materials and/or equipment for the work are provided by the t, the rates to be paid for them shall be as provided in Appendices annexed hereto.
6. I/We agree to abide by this tender for the period of sixty (60) days following the date set for receiving of tenders and it shall remain binding upon me/us and may be accepted by you at

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- any time before the expiration of that period.
7. Unless and until a formal agreement is prepared and executed, this tender, together with your written acceptance thereof, shall constitute a binding contract between us, and shall be deemed for all purposes to be the contract agreement.
8. I/We understand that you are not bound to accept the lowest or any tender you may receive, and that you will not defray any expenses incurred by me/us in tendering.

Thanking you,

Yours faithfully,
(Signature of Tenderer)

NAME.....

*
Address

Dated thisDay of 2021

I hereby accept the above tender on behalf of the Tender Committee UAF / Government.

(Signature of Executive Engineer)

*
In case the above address is changed, the contractor will immediately notify in writing to the *Executive Engineer*, his new address.

MEMORANDUM OF WORK

a)	General Description:	<div>i. Upgradation of Animal Nutrition Labs at Animal Husbandry, University of Agriculture Faisalabad. (2nd Bi Annual 2021) R1</div> <div>ii. Repair and maintenance work to four class rooms and two wash rooms at Faculty of Animal Husbandry, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div> <div>iii. Repair and maintenance work of dummy column on Roof at Iqbal Hall PARS University of Agriculture Faisalabad. (2nd Bi Annual 2021).</div> <div>iv. Upgradation of lab at Amina Hall University of Agriculture, Faisalabad. (2nd Bi Annual 2021).</div> <div>v. Repair and maintenance work to House No.51 Lalazar Colony University of Agriculture, Faisalabad. (2nd Bi Annual 2021).</div> <div>vi. Repair and maintenance work to House No. 104 Firdous Hall University of Agriculture, Faisalabad. (2nd Bi Annual 2021) R2</div> <div>vii. Repair of Transformer rating 200 KVA installed at Ayub Hall & Tariq Hall, University of Agriculture Faisalabad. (2nd Bi Annual 2021) R1</div> <div>viii. Repair of Transformer rating 200 KVA installed at Faisal & Kashmir Hall, University of Agriculture Faisalabad. (2nd Bi Annual 2021) R1</div> <div>ix. Repair of roof top air conditioners installed at Lecture Theatre, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div> <div>x. Replacement of BDBs in the Department of Tissue Culture Cell, Institute of Horticulture Sciences, University of Agriculture Faisalabad. (2nd Bi Annual 2021)</div>
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	Estimated Cost:	<div>i. PKR: 409,450/- ii. PKR: 206,900/- iii. PKR: 248,500/- iv. PKR: 158,700/- v. PKR: 98,500/- vi. PKR: 76,767/- vii. PKR: 168,427/- viii. PKR: 171,357/- ix. PKR: 457,699/- x. PKR: 161,740/-</div>
i.	Amount of earnest money to accompany the tender (to be furnished by the tenderer in the shape of “deposit at call” from a scheduled Bank of Pakistan)	<div>i. PKR: 8,189/- ii. PKR: 4,138/- iii. PKR: 4,970/- iv. PKR: 3,174/- v. PKR: 1,970/- vi. PKR: 1,535/- vii. PKR: 3,369/- viii. PKR: 3,427/- ix. PKR: 9,154/- x. PKR: 3,235/-</div>
ii.	Percentage of security deposit to be retained from the bills.	<div>Ten (10) percent</div> <div>Five (5) percent</div>
	<div>i) On the amount of work done up to Rs.5.0 million ii) On the amount of work done beyond Rs.5.0 million.</div>	
iii.	Minimum amount of interim running bills	Rupees five million (Rs.----- only
iv.	Mobilization period	Fifteen (-) calendar days
v.	Time allowed for completing the work after the expiry of mobilization period	-----NA-----calendar months
vi.	Amount of performance security in the form of Bank Guarantee (see contract conditions clause 7 and General direction 26 (a)	Five (05) percent of the accepted tender price in the case of tenders with cost of exceeding Rs.50.00 million and as per general condition 26(a) for all tenders.
vii.	Period of maintenance (after the date of issuance of certificate of completion)	Twelve (06) calendar months.

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BID SCHEDULE

1. Schedule of item (MRS & Input Rates)

Name of work: _____
(To be filled in by the tenderer)

Sr. No.	<u>Items in schedule of rates</u>		Description	Estimated quantity	Unit of Rates	<u>Schedule of rates</u>		Amount (Rs....
	Page No.	Serial No.				Labour	Composite	
1	2	3	4	5	6	7	8	9

Mandatory to Write in Words: (Urdu/English)

Contractor

Executive Engineer

ECD-M; UAF

BID SCHEDULE

1. Schedule of item (N.S. Items)

Name of work _____
(To be filled in by the tenderer)

Sr. No	Pay item No. of reference to special specification supplied	Description of item	Estimated quantity	Unit of Rates	Unit rate To be filled in the contractors where not already filled by the Executive Engineer		Amount (To be filled in by the contractor when not already filled in by the project director for items against which the unit rate have already been filled in by him)
					In figure	In Words	
1	2	3	4	5	6	7	8

Mandatory to Write in Words: (Urdu/English)

Total cost of item rates Rs. _____

Contractor

Executive Engineer

ECD-M; UAF

BID SCHEDULE

Name of Work _____

(To be filled in by the tenderer)

Total tendered amount of the work:
(To be filled in by the tenderer)

1. Total Cost.

Rs. _____

2. Total Cost of Item Rates

Rs. _____

Grand Total Rs. _____

Rupees _____

Mandatory to Write in Words: (Urdu/English)

Contractor

Executive Engineer

ECD-M; UAF

DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 15/2021 Sr. No. 01					
Name of Work:		Upgradation of Animal Nutrition Labs at Animal Husbandry, University of Agriculture Faisalabad.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with P.V.C. pipes of B.S.S. with `D"Class working pressure complete in all respects 4" dia	40.00	p.rft		
2	Dismantling cement concrete reinforced separating reinforcement from concrete, cleaning and straightening the same	139.35	%cft		
3	Dismantling cement concrete 1:2:4 plain	27.85	%cft		
4	Dismantiling Brick work cement or lime mortor	48.57	%cft		
5	Pacca brick work in ground floor with 1:4 cement sand mortor	28.13	%cft		
6	Removing cement or lime plaster	471.90	%sft		
7	Cement plaster 1:4 upto 20' (6.00 m) height ½" (13 mm) thick i/c floating coat	659.40	%sft		
8	Providing and Faxing Lab sink	8.00	each		
9	P/f of BURNER NOZEL 1/2" DIA	8.00	each		
10	P/Fixing Floor Trape Jali 6"x6" double cover (master/faisal made as approved site Engineer)	2.00	each		
11	Providing, laying, cutting, jointing, testing and disinfecting. Cost of sockets, tees, elbows, G.I. pipeline in trenches, with socket joints, using G.I. bends, valves, crosses, unions and pipes of B.S.S. 1387-1967 complete in all respects, with ii) Medium Quality(e) ½" dia	80.00	p.rft		
12	P/fixing of Handle Cock 1/2" dia faisal made (master/faisal made as approved site Engineer)	8.00	each		
13	P/Fixing Glazed P-Trap 4" size with fitting material 3 star made as approved site Engineer	2.00	each		
14	Providing and fixing Side Pillar Cock (master/faisal made as approved site Engineer)	8.00	each		
15	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping of one part of cement and marble for panelling, powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing	127.22	%sft		
16	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels a) Size 1½" x 3/8" (40 x 10 mm	82.69	p.rft		
17	Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead	8.00	each		
18	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock(i) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	480.00	%0cft		

Contractor

Executive Engineer

ECD-M; UAF

Tender No 15/2021			Page 16 of 25		
19	Constructing gully grating chamber, 12"x12", (300x300 mm) complete in all respects: concrete gully trape	8.00	each		
20	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate 1:4:8	39.60	%cft		
21	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate 1:2:4	7.05	%cft		
22	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	130.85	%kg		
23	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or restressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	73.43	p.cft		
24	Remanding of earthwork Lead upto a single throw of Kasi, pharaoh or shovel	432.00	%0cft		
25	Sewerage Connection existing man hole to main line etc	4.00	each job		
26	Making connection for new water supply lines with the The rate includes the component of running main, including excavation of trench and refilling, bailing out water from the trench complete, but excluding cost of pipe and specials, etc. upto 6" i/d (150 mm	2.00	p.conn ection		
27	p/l of granite jet black marble 7/8" thick with fixing and flling of joints with gray cement	130.29	sft		
TOTAL:					
PST@_____					
G. TOTAL:					
<u>Mandatory to Write in Words: (Urdu/English)</u>					

Contractor

Executive Engineer
ECD-M; UAF

DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 15/2021 Sr. No. 02					
Name of Work:		Repair and maintenance work to four class rooms and two wash rooms at Faculty of Animal Husbandry, UAF.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets.	46.70	sft		
2	2" (50 mm) stucco cement plaster 1:2:4 (cement, sand and shingle) upto 20' (6.00 m) height	17.50	%sft		
3	Distempering 2 coats on old surface	3805.22	%sft		
4	Scaraping old distemper or paint on wall	1141.57	%sft		
5	painting door and window any typ 2 coats on old surface	1017.38	%sft		
6	painting saches fanlight wire guazed or glazed door and window	9202.87	%sft		
7	First class deodar wood wrought joinery in doors and to windows, etc. panelled, or panelled or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bolts, chocks, rubber stop, cleats/G.I. clamps, handles and chord with hooks, etc. complete (1½" thick (40 mm)	29.40	p.sft		
8	Providing and fixing partition, including frame work a)Sheets on one side of framework:-ii) Ply wood ¼" (6 mm) thick	40.00	%sft		
9	P/F of Tower bolt 8" long	14.00	each		
10	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partlysliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.(Labour only)	176.00	p.sft		
TOTAL:					
PST@_____					
G. TOTAL:					
Mandatory to Write in Words: (Urdu/English)					

Tender No 15/2021

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<div> <div>DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 15/2021 Sr. No. 03</div> </div>					
<div> <div>Name of Work:</div> <div>Repair and maintenance work of dummy column on roof at Iqbal Hall PARS University of Agriculture, Faisalabad.</div> </div>					
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Removing cement or lime plaster.	270	',sft		
2	Cement plaster 1:4 upto 20' (6.00 m) height:- ¾" (20 mm) thick with Applying floating coat of cement 1/32" (0.8 mm) thick	270	',sft		
3	Dismantling cement concrete plain 1:4:8	653	',cft		
4	carriage of 100 cft (2.83 cu.m) of all materials like stone aggregate, spawi, kankar lime (unskaled), surkhi, etc. or 150 cft (4.25 cu.m) of timber, by truck or by any other means owned by the contractor up to 10 km. Removing and staking within one chain 30m lead	653	Km		
5	Cement concrete plan including, compacting, finishing and curing complete (including screening and washing stone aggregate) ratio 1:3:6 add extra labour for R.C concrete in and and subsequent storeys.	653	Cft		
TOTAL:					
PST@_____					
G. TOTAL:					
<div> <div>Mandatory to Write in Words: (Urdu/English)</div> </div>					

Contractor

Executive Engineer

ECD-M; UAF

DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 15/2021 Sr. No. 04					
Name of Work:		Upgradation of lab at Amina Hall University of Agriculture, Faisalabad.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Dismantling brick work in lime or cement mortar.	55.27	%cft		
2	Dismantling 1st class tile roofing	222.00	%sft		
3	Pacca brick work in ground floor 1:5 cement, sand mortar	55.27	%cft		
4	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	3.38	%cft		
5	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position	319.80	%kg		
6	First class tile roofing, consisting of 4" (100 mm) eart and 1" (25 mm) mud plaster with Gobri leeping over ½" 13mm) thick cement plaster 1:6 with 34 lbs. per %Sft or 1.72 Kg/sq.m hot bitumen coating sand blinded, provided over 2 layers of tiles 12"x6"x1¼" (300x150x30 mm) laid in 1:6 cement mortar with ½" (13 mm) thick sand wiced layer of 1:6 cement mortar, including 1:2 cement pointing underside of tiles, complete, including curing, etc. i/c poly theen sheet	222.00	%sft		
7	cement plaster 1:4 ratio upto 20 ft height ½" thickness	91.50	%sft		
8	cement plaster 1:4 ratio upto 20 ft height ¾" (20 mm) thick	73.88	%sft		
9	Distempering 2 coats on old surface	1076.00	%sft		
10	Scaraping old distemper or paint on wall	430.40	%sft		
11	painting door and window any typ 2coats on old surface	209.60	%sft		
12	Providing and fixing chowkat for doors, windows and C.windows, including holdfast, etc b)Deodar wood	28.00	p.sft		
TOTAL:					
PST@_____					
G. TOTAL:					
Mandatory to Write in Words: (Urdu/English)					

Contractor

Executive Engineer

ECD-M; UAF

DETAILED NOTICE INVITING TENDER (DNIT) <i>Tender No 15/2021 Sr. No. 05</i>					
Name of Work:		Repair and maintenance work to House No.51 Lalazar Colony University of Agriculture, Faisalabad.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Distempering 2 coats on old surface	6185.09	%sft		
2	Scaraping old distemper or paint on wall	1237.02	%sft		
3	painting door and window any typ 2coats on old surface	1086.84	%sft		
4	painting saches fanlight wire guazed or glazed door and window	982.14	%sft		
5	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	140.00	%sft		
6	Providing and fixing of MS Grill ½" dia square bar and M.s patti 1½"x3/16" etc complete	55.25	P.SFT		
7	Providing and fixing Vin board cabinet ¾" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc., complete in all respects i) 1-1/2' deep,without back	18.13	p.sft		
8	cement plaster 1:4 ratio upto 20 ft height ½" thickness i/c floating coat+ removing cement or lime plaster	103.84	%sft		
TOTAL:					
PST@_____					
G. TOTAL:					
<i>Mandatory to Write in Words: (Urdu/English)</i>					

DETAILED NOTICE INVITING TENDER (DNIT) <i>Tender No 15/2021 Sr. No. 06</i>					
Name of Work:		Repair and maintenance work to House No. 104 Firdous Hall University of Agriculture, Faisalabad			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Removing cement or lime plaster	297.75	%sft		
2	Pacca brick work in ground floor 1:5 cement, sand mortar	53.63	%cft		
3	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	3.40	%kg		
4	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or restressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	1.88	p.cft		
5	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	284.00	%sft		
6	cement plaster 1:4 ratio upto 20 ft height ½" thickness	590.14	%sft		
7	cement plaster 1:4 ratio upto 20 ft height ¾" (20 mm) thick	205.80	%sft		
8	Cement pointing struck joints, on walls, upto 20' (6.00 m) hieght ratio 1:2	175.00	%sft		
9	Distempering 2 coats on old surface	3336.30	%sft		
10	Scaraping old distemper or paint on wall	667.26	%sft		
11	painting door and window any typ 2coats on old surface	98.00	%sft		
12	painting saches fanlight wire guazed or glazed door and window	166.50	%sft		
13	color wash old surface 2 coats	1335.00	%sft		
TOTAL:					
PST@_____					
G. TOTAL:					
Mandatory to Write in Words: (Urdu/English)					

DETAILED NOTICE INVITING TENDER (DNIT) Tender No 15/2021 Sr. No. 07					
Name of Work:		Repair of Transformer rating 200 KVA installed at Ayub Hall & Tariq Hall, University of Agriculture Faisalabad			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A- Material					
1	HT coil (11 KV) side of 200 KVA (11KV/415V) Transformer with standing insulation strength in transformer oil above 15 KV, wound with 17 SWG enameled copper wire 3 coils=(1 coil weight=25 kg)	75.00	kg		
Deduction/Auction of old material:					
2	Burnt Copper Wire of Old Coils 90% of new coils	67.50	kg		
				Net TOTAL	
				GST @ 17%	
				TOTAL - A	
B-Labour (Services)					
3	Labour charges for installation of HT Coil of 200KVA Transformers Complete in All respects	1.00	Job		
4	Dehydration/Degasification/Filtration of the transformer rating 200 KVA	1.00	Job		
5	a) Shifting charges of damaged transformer from Tariq Hall to Transformer Adda to Power House for repair purpose through crane (2 hours) b) Installation charges of repaired transformer at transformer ADD after repair from Power House through crane (2 hours)	4.00	hr.		
				Total Labour	
				PST @ 16%	
				TOTAL -B	
				TOTAL:A+B	
				PST@_____	
				G. TOTAL:	
Mandatory to Write in Words: (Urdu/English)					

DETAILED NOTICE INVITING TENDER (DNIT) Tender No 15/2021 Sr. No. 08					
Name of Work:		Repair of Transformer rating 200 KVA installed at Faisal & Kashmir Hall, University of Agriculture Faisalabad.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A- Material					
1	HT coil (11 KV) side of 200 KVA (11KV/415V) Transformer with standing insulation strength in transformer oil above 15 KV, wound with 17 SWG enameled copper wire 3 coils=(1 coil weight=25 kg)	75.00	kg		
Deduction/Auction of old material:					
2	Burnt Copper Wire of Old Coils 90% of new coils	67.50	kg		
				Net TOTAL	
				GST @ 17%	
				TOTAL - A	
B-Labour (Services)					
3	Labour charges for installation of HT Coil of 200KVA Transformers Complete in All respects	1.00	Job		
4	Dehydration/Degasification/Filtration of the transformer rating 200 KVA	1.00	Job		
5	a) Shifting charges of damaged transformer from Tariq Hall to Transformer Adda to Power House for repair purpose through crane (2 hours) b) Installation charges of repaired transformer at Transformer ADD after repair from Power House through crane (2.5 hours)	5.00	hr.		
				Total Labour	
				PST @ 16%	
				TOTAL -B	
				TOTAL:A+B	
				PST@_____	
				G. TOTAL:	
Mandatory to Write in Words: (Urdu/English)					

DETAILED NOTICE INVITING TENDER (DNIT) Tender No 15/2021 Sr. No. 09					
Name of Work:		Repair of roof top air conditioners installed at Lecture Theatre, University of Agriculture Faisalabad.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	Leak testing with nitrogen pressure leak repairing vacume system with high vacume pump gas charging complete with all respect 10 ton 2 Nos.	2.00	No.		
2	Leak testing with nitrogen pressure leak repairing vacume system with high vacume pump gas charging complete with all respect 20 ton 2 Nos.	2.00	No.		
3	Repairing of electric panel with related accessories relay etc. complete in all respect	4.00	No.		
4	Complete unit services with coil cleaner (special chemical)	4.00	No.		
				Total	
				PST 16%	
				Total A	
5	S/O Gas Charging 407 A-Gentron	6.00	Cylinder		
6	S/O Indoor motor blower belt (As per Original installed at site)	2.00	No.		
				Total	
				GST 17%	
				Total B	
				TOTAL: A+B	
				PST@_____	
				G. TOTAL:	
<u>Mandatory to Write in Words: (Urdu/English)</u>					

Contractor

Executive Engineer
ECD-M; UAF

DETAILED NOTICE INVITING TENDER (DNIT) Tender No 15/2021 Sr. No. 10					
Name of Work:		Replacement of BDBS in the Department of Tissue Culture Cell, Institute of Horticultural Sciences, University of Agriculture, Faisalabad			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
1	S/E of BDB box 18"x24" size 16 SWG i/c one no. MCCB 200 Amp T/P Terasaki made 18 Nos. C/B 6-32 amp S/P Terasaki made 3 Nos. indicating lights (R.Y.G) complete in all respect	1.00	No.		
2	S/E of BDB box 15"x18" size 16 SWG i/c one no. MCCB 100 Amp T/P Terasaki made 12 Nos. C/B 6-32 amp S/P Terasaki made 3 Nos. indicating lights (R.Y.G) complete in all respect	3.00	No.		
3	S/E of PVC insulated copper conductor cable 7/044 s/core	350.00	rft		
4	S/E of PVC insulated copper conductor cable 19/083 s/core	20.00	rft		
5	S/E of copper thimble 120 mm size	4.00	No.		
TOTAL:					
Old material deduction MS Scraps					
TOTAL:					
PST@_____					
G. TOTAL:					
<u>Mandatory to Write in Words: (Urdu/English)</u>					