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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)	
Comp	ulsory Required Documents to Participate in Bidding for F.Y	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	<ul> <li>License of Pakistan Engineering Council</li> <li>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&amp;W, Punjab OR</li> <li>B. Not required for Category of Contractors working in: "E" and "D" Class with UAF</li> <li>However, that firm must provide the proof dully issued by the Executive Engineer, (ECD-M) / (ECD-P) to work with UAF under E &amp; 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.</li> </ul>		
	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		
	<ul> <li>c) Able for detailed structural inspection of the physical conditions of the existing buildings</li> </ul>		
	<ul> <li>d) Able for assessment of Structural components of the building</li> <li>e) Able for computational analysis of the structure (ETABs)</li> <li>f) Able for making proposals for the project.</li> <li>g) Able for making financial and structural analysis of the proposals.</li> </ul>		
	h) Able for finalizing the best proposal with mutual consent. (read with point "f")		
	<ul> <li>i) Able for making design and drawings as per requirement of ESCO- Model. (If desired by PEECA for ESCO-Model Solution)</li> </ul>		
	<ul><li>j) Able to evaluation of assessment financially and quantitatively.</li><li>k) Able to define the purpose arrangements for solar panel installation at UAF Buildings Rooftop.</li></ul>		
	Able to define the purpose for fixing of solar panels at UAF Buildings Rooftop.      Able to propose future maintenance method and safety      features/procedures to work at UAF Buildings Rooftops		
3	features/procedures to work at UAF Buildings Rooftops.  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				
	IONAL DOCUMENTS:				
	d From the contractors/Firms not worked/participate in the Respective PEC / C &W Category with				
Universit	y OF Agriculture Faisalabad (UAF) 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 <u>Tender Cell, UAF</u> 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:	i. ii.	Renovation/Upgradation of Ground Floor & 1 <sup>st</sup> Floor of Foreign Faculty building University of Agriculture, Faisalabad. (1 <sup>st</sup> Bi Annual 2022) Repair and Maintenance work to New Rest House, University of Agriculture Faisalabad. (1 <sup>st</sup> Bi Annual 2022)					
	Estimated	i.	PKR: 9,765,322/-	KR: 9,765,322/-				
	cost:	ii.	PKR: 2,256,955/-					
3	Time for completion :	i. ii.	Two Month Two Month	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:	i. ii.	PKR: 195,306/- PKR: 45,139/-					
5	Issued to:							
6	Pre-tender conference:	N.A.						
7	Dead Line for submission of Tender:			20-01-2022				
8	Opening of Tender:			20-01-2022				
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.

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2. All necessary documents, such as copies of specifications (excluding standard specification books, MRS, 1<sup>st</sup> Bi-Annual 2022 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 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

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- 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 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

    Contractor

    Executive Engineer

    ECD-M; UAF

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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-m-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.
- 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 ant an outer envelope, duly marking the envelops as "ORIGINAL". The inner and outer envelops 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 envelops 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 offenders 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

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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 contact, may-result in the rejection of his tender.
- 26. To assist in the examination, evaluation and comparison of tenders, the Engineer-incharge 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 CORRESPONDING ESTIMATED COST.	ADDITIONAL PERFORMANCE SECURITY.
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.

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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

10
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 o

(Name of the work)

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.

- 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

Contractor Executive Engineer ECD-M; UAF

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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 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.

Th	an	k 11	nσ	VC	111

Thanking you,	
	Yours faithfully,
	(Signature of Tenderer)
	NAME
	*
	Address
Dated this	

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

(Signature of Executive Engineer)

Engineer, his new address.

Contractor Exc

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

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### MEMORANDUM OF WORK

a)	General Description:	<ul> <li>i. Renovation/Upgradation of Ground Floor &amp; 1<sup>st</sup> Floor of Foreign Faculty building University of Agriculture, Faisalabad. (1<sup>st</sup> Bi Annual 2022)</li> <li>ii. Repair and Maintenance work to New Rest House, University of Agriculture Faisalabad. (1<sup>st</sup> Bi Annual 2022)</li> </ul>
	Estimated Cost:	i. PKR: 9,765,322/- ii. PKR: 2,256,955/-
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)	i. PKR: 195,306/- ii. PKR: 45,139/-
ii.	Percentage of security deposit to be retained from the bills.	
	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.	Ten (10) percent  Five (5) percent
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	
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	Unit of	Schedule of rates		Amount
S1. NO.	Page No.	Serial No.	Description	quantity	Rates	Labour	Composite	(Rs
1	2	3	4	5	6	7	8	9

Mandatory to Write in Words: (Urdu/English)

Contractor

# **BID SCHEDULE**

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

Name of work \_\_\_\_\_

Sr. No	Pay item No. of reference to special specification supplied		Estimated quantity	Unit of Rates	contractors	where not led by the	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
1	2	3	4	5	6	7	8

Mandatory to Write in Words: (Urdu/English)

Total cost of item rates Rs. \_\_\_\_\_

Contractor

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# **BID SCHEDULE**

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

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### DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 18/2021 Sr. No. 01

Name of Work: Renovation/Upgradation of Ground Floor & 1<sup>st</sup> Floor of Foreign Faculty building University of Agriculture, Faisalabad.

	Sunding emiterally of rightediture,			- I CII	II ii Bill
C . N .	No se Dolotto / Donosto Voca of Londo	01	11.4	To be fille	ed by the Bidder
Sr. No	Item Details/ Description of works	Qty	Unit	Rate Quoted	Amount (PKR)
1	Removing cement or lime plaster	2348.13	%sft		
2	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) ordinery soil	447.50	%0cft		
3	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:5	29.00	%cft		
4	Dismantling brick work in lime or cement mortar.	26.50	%cft		
5	Supply and Erection of Car Parking Shed consisting of 3 mm thick fiber glass sheet roof (3-layers) fixed / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embeded in P:C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge.(i) 4" dia GI Pipe Supports(s(deduction of 4"dia pipe amoun 14x10.44x984= 143821 R.s DEDUCTION of Execation 14x2x2x2=96cftx8949.6%0cft=1002 deduction of PCC 1:2:4=14x2x2x2=96cftx29211.60%cft=32716 Total=143821+1002+32716=177540 Rs. actual Amount= 2475x546.15=1351721 Rs. net amount = 1351721-177540=1174180 Rs./2475= 474.40	2475.00	sft		
6	Rubbing and polishing grit floor, including repairing voids,uneven surface, complete in all respects	7847.15	sft		
7	Cement pointing struck joints, on walls, upto 20' (6.00 m) hiehgt:-a)ratio 1:2	628.13	%sft		
8	Bottom Khuras of brick masonry in cement mortar 1:6,4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	9.00	each		

Contractor

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9	cement plaster 1:4 ratio upto 20 ft height ½" thickness+including cost of apllying cement floating coat 1/32" thick	2476.13	%sft	
10	Applying floating coat of cement 1/32" (0.8 mm) thick.	1063.50	%sft	
11	Dismantling 2nd class tile roofing	2055.00	%sft	
12	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.+poly theen sheetLabour only	2055.00	%sft	
13	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=1x0.08x0.08=0.0064x7969.10=51Rs.=431.85-51=380.85	60.25	sft	
14	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed to steel window, complete with flat iron patti ½"x 1/8" (13mmx3 mm) and machine made screws.	927.49	sft	
15	Removing door with chowkhat	6.00	sft	
16	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	932.55	sft	
17	Providing and applying wall patti	2892.42	sft	
18	Preparing surface and painting with emulsion paint:-2 coats	50669.0 0	%sft	
19	Scaraping old distemper or paint on wall	10133.8 0	%sft	
20	painting door and window any typ 2 coats on old surface	3412.78	%sft	
21	painting saches fanlight wire guazed or glazed door and window 2 coats on old surface	7451.49	%sft	
22	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:	720.00	%sft	

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23	Providing and fixing steel windows using M.S. sheet (16 SWG) moulded tubular pipe 1½"x1½"(40x40mm) for frame and 1½"x1½" (30x30mm) for leaves including M.S. square bars ½"x½" (6x6 mm) welded around each panel of frame,5 mm thick glass panes fixed with double M.S. square tubular pipe 3/8"x3/8" (10x10mm) (22 SWG)beading with U' shaped rubber lining, brass fitting,holdfast,including painting three coats complete in all respects a)For openable panels fixed with wire gauze 24 SWG, 12x12 mesh and glass panes ½" (6 mm) thick.	130.60	p.sft	
24	Providing and fixing chowkat for doors, windows and C.windows, including holdfast, etc.b)Deodar wood	130.50	p.sft	
25	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1"thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and andles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats(frame), etc.) as approved and directed by the Engineer Incharge a)Deodar wood Door (i) 1½" thick (40 mm)	130.50	p.sft	
26	Providing and Fixing of door lock	16.00	each	
27	Providing and Fixing of handle	67.00	each	
28	Providing and fixing auotomatic hydrauli coperated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge	25.00	each	
29	P/F of Tower bolt 8" long	9.00	each	
30	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats ofwood sealer, sand papering with different noof sand paper sand Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge (i) Matt Finish	401.00	sft	
31	Dismantling cement concrete 1:2:4 plain	537.77	%cft	
32	Dismantling cement concrete 1:4:8 plain	291.99	%cft	
33	Dismantling glazed or encaustic tiles, etc.	2802.77	%sft	

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34	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	239.82	%cft		
35	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8" (40 x 10 mm	682.00	rft		
36	Providing and laying topping of cement concrete  1:2:4,including surface finishing and dividing in panels:-(c)  1½"(40 mm) thick	664.79	%sft		
37	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping of one part of cement and marble 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 (a) using grey cement	1100.00	%sft		
38	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/ bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.a)Full body Glazed tiles (ii) 600mmx 600 mm	5335.56	p.sft		
39	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design,Color and Shade with adhesive/ bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.a)Full body Glazed tiles (i) 400mmx 400 mm	607.60	p.sft		
40	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2" thick (1:2)cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Inchargea) Full body Glazed tiles (i) 400mmx 400 mm	2963.63	p.sft		
41	Providing and laying Prepolished Granite of specified thicknes sand shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed, complete in all respectas approved and directed by the Engineer Incharge (i) 3/4" thick	45.40	p.sft		
42	Providing and laying 24 SWG aluminum kick plate 4" (100mm) high, fixed with screws 4" (100 mm) centre to centre,on bottom rail of flush doors only of commercial ply.	199.00	rft		
43	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(7446.05-368.20	585.00	%0cft		

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	Supplying and filling sand under floor; or plugging in wells.			
44	Supplying and mining sand under moor, or plugging in wens.	262.14	%cft	
45	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	390.00	%0cft	
46	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized polyvinyl Chloride) Nikasi/waste pipe make of dadex/ Popular/ Beta/ BBJ plain/ socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.Type (SDR 32.5/SN-8)v)4"(110 mm)	620.00	rft	
47	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized polyvinyl Chloride) Nikasi/waste pipe make of dadex/ Popular/ Beta/ BBJ plain/ socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.Type (SDR 32.5/SN-8)v)6"(160 mm)	169.00	rft	
48	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia	8.00	each	
49	Constructing gully grating chamber, 12"x12", ( 300x300mm) complete in all respects: B)concrete Gully trap(4086.80-223.90=3862.9	26.00	each	
50	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I.pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.ii) Medium Quality C) 1" i/d (25 mm) 3.25mm thick	236.00	rft	
51	Providing, laying, testing and commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned b)PN-20 pipe (iii)(1") 32 mm	520.00	p.rft	
52	Providing, laying, testing and commissioning of POLYROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe made of (Dadex/Popular/Beta/BBJ) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer In charge.(Internal/External Diameters mentioned b)PN-20 pipe ii)(3/4") 25 mm	130.00	p.rft	
53	Providing and fitting plastic made low down flushing cistern 13.63 litre (3 gallons) capacity, including bracket set, copper connection, etc. complete i) white color	2.00	each	

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54	P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer	13.00	each		
55	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	12.00	each		
56	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	70.00	each		
57	P/Fixing of C.P Nipple 1"x½"	78.00	each		
58	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized poly vinyl Chloride) Nikasi/ waste pipe Fittings make of dadex/Popular/Beta/BBJ conforming to code EN-140 1ncluding the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia	26.00	each		
59	Providing and fitting white glazed earthen ware water closet squatter type, with separate foot rest	2.00	each		
60	P/Fixing Floor Trape Jali 6"x6" double cover as approved site Engineer)	26.00	each		
61	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.i) white, with pedestal	13.00	each		
62	Providing and fixing CP bath Room Set made of Sonex /Master/Faisal comprising of 3-No Tees top cocks, lever type Basin Mixer, double Bibcock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge (i) 3 No Tee Stop Cock	39.00	3.No.s		
63	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type Basin Mixer, double Bibcock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge (iv) Open Type Wall Shower	13.00	each		
64	Providing and fixing Bib Cock 1/2" dia powder coated faisal made as approved site Engineer)	2.00	each		
65	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type Basin Mixer, double Bibcock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge (ii) Lever Type Basin Mixer	13.00	each		
66	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORT Abr and (full size) i/c the cost of CP/ rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer in charge.	11.00	each		

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67	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge (v) Muslim shower	11.00	each		
68	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type Basin Mixer, double Bibcock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer in charge (iii) Double Bib Cock	11.00	each		
69	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardware's etc complete in all respect as approved and directed by the Engineer in charge	11.00	each		
70	Sewerage Connection existing man hole to main line etc	15.00	each job		
71	Removing Malba up to 10 KM	4516.72	%cft		
72	Providing and laying sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, camber, grade to achieve 100% maximum modified AASHO dry density, including carriage of all material to site of work except gravel and. aggregate	917.56	%cft		
73	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer ,over 2"to3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured)b)60-mm thick	5003.50	sft		
74	Boring for tube well 4" dia and providing and fixing Assembly set i/c cost of P.V.C. strainer 2" dia and P.VC pipe 4"60ft,2"dia 20ft,1¼"dia 95ft,1" dia 60ft,complete,in all respects as per approved in charge Engineer	4.00	rft		
75	Providing and fixing 2 H.P single phase F2-C PUMP faisal made with ¾"dilevery with M.s cover	1.00	each		
				Total. A	
Electr	ric work				
1	S/E of LED Tube light 16 watt complete in all respect (Philips made)  Room 1 = 1  Room 4 = 2  Room 6 = 1  Room 7 = 1  Room 10 = 1  Driver Room = 3  Hall 1 = 2  Hall 2 = 3  Cooridor = 8  Total = 22	22.00	No.		

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2	S/E of button holder bakelite large size  Room 1 = 1  Room 4 = 2  Room 6 = 1  Room 7 = 1  Room 10 = 1  Veranda = 6  street light = 4	16.00	No.		
	Total = 16				
3	S/E of gang switch colepsal made (i) (6-gang) Room 8 = 1 Kitchen = 1 TV lounge = 1 Driver Room = 1 Total= 4	4.00	No.		
4	S/E of LED Bulb (27 watt) philips for outer street lights	4.00	No.		
5	S/E of C/B 6-16 AMP single pole Terasaki ade	30.00	No.		
6	S/E of MCCB 100 AMP T/P Terasaki made	1.00	No.		
7	S/E of Indicating lights (R.G.Y)	6.00	No.		
8	S/E of LED Flood light 100 watt complete in all respect (Philips made) reduse rate	6.00	No.		
				Total. B	
			TOTA	AL: A+B	
		PS	т@		
			G. <sup>-</sup>	ΓΟΤΑL:	
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### DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 18/2021 Sr. No. 02

Name of Work: Repair and Maintenance work to New Rest House, University of Agriculture Faisalabad.

	rigificated C Laisatabau.				
		_		To be fille	ed by the Bidder
Sr. No	Item Details/ Description of works	Qty	Unit	Rate Quoted	Amount (PKR)
	Removing cement or lime plaster				
1		3509.00	%sft		
	Dismantling brick work in lime or cement mortar.				
2		22.97	%cft		
3	Rubbing and polishing grit floor, including repairing voids, uneven surface, complete in all respects	2328.71	sft		
	Cement pointing struck joints, on walls, upto 20' (6.00 m)				
4	hiehgt:-a)ratio 1:2	3723.25	%sft		
	cement plaster 1:4 ratio upto 20 ft height ½" thickness+				
5	including cost of apllying cement floating coat 1/32" thick	3509.00	%sft		
6	Providing and fixing, expended metal ½" to ¾" (13 mm to 20 mm) mesh 16 gauge fixed to chowkat with 1" (25 mm) thick deodar wood strip and screws, etc.(item no.1=1x0.08x0.08=0.0064x7969.10=51Rs.=431.85-51=380.85	94.05	sft		
7	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed to steel window, complete with flat iron patti ½"x 1/8" (13mmx3 mm) and machine made screws.	206.50	sft		
8	Glazing with panes (24 oz. to 26 oz.), using putty and deodar wooden fillets	112.00	sft		
	Removing door with chowkhat				
9		2.00	sft		
	Providing and applying wall patti				
10		3134.64	sft		
11	Preparing surface and painting with emulsion paint:-2 coats	22304.7 3	%sft		

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	<del>,</del>			
12	Scaraping old distemper or paint on wall	8921.89	%sft	
13	painting door and window any typ 2 coats on old surface	3000.00	%sft	
14	painting saches fanlight wire guazed or glazed door and window 2 coats on old surfce	2479.50	%sft	
15	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:	3163.78	%sft	
16	Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8"(40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8"mm), glass panes, wooden screed for glazing embedded over a thin layer of putty duly screwed with leaves, brass fittings, holdfast,duly painted, complete in all respects including all cost of material and labour, etc. as per approved design and as directed by the Engineer-incharge:b) fixed with wire gauze, 22 SWG v)glass pane 5 mm thick	58.63	p.sft	
17	First class deodar wood wrought joinery work in wire gauze doors and windows, with 22 SWG G.I. wire gauze,12x12 meshes per square inches (5x5 per cm2) including iron fittings etc. complete(b) deodar wood framing 1½" (40 mm) thick, with wire gauze fixed in position i) without springs or spring hinges	41.25	p.sft	
18	Providing and fixing auotomatic hydrauli coperated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge	13.00	each	
19	P/F of wooden cabinet Catcher	47.00	each	
20	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats ofwood sealer, sand papering with different noof sand paper sand Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge (i) Matt Finish	891.00	sft	
21	Providing and fixing Vin board cabinet 3/4" 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. iv) 2' deep, with back	594.00	p.sft	
22	Providing and fixing Vin board cabinet 3/4" 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. iii) 2' deep, without back	37.50	p.sft	

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	Providing and fixing CP bath Room Set made of						
23	Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (i) 3 No Tee Stop Cock	3.00	3 No.s				
24	Providing and fixing Bib Cock 1/2" dia powder coated faisal made as approved site Engineer)	1.00	each				
25	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (vi) Waste Coupling	9.00	each				
26	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (v) Muslim shower	1.00	each				
27	Providing and fixing CP bath Room Set made of Sonex/Master/Faisal comprising of 3-No Tees top cocks, lever type BasinMixer, doubleBibCock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge (iii) Double Bib Cock	1.00	each				
28	Providing and fixing BATHROOM ACCESSORIES (7-piece set) MASTER BRAND - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge	1.00	each				
29	Dismantling 2nd class tile roofing	1518.00	%sft				
30	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.+poly theen sheetLabour only	1518.00	%sft				
31	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhoosa, grouted with cement sand 1:3 on top of RCC roof slab, provided with 34 lbs. per %Sft. or 1.72 Kg/Sq.m bitumen coating sand blinded.	607.20	%sft				
32	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5	4209.00	%sft				
33	Providing and laying 24 SWG aluminum kick plate 4" (100mm) high, fixed with screws 4" (100 mm) centre to centre, on bottom rail of flush doors only of commercial ply.	400.00	rft				
34	Removing Malba up to 10 KM	922.33	%cft				
Total. A							

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Electric Work								
1	S/E of LED Bulb 19 watt (Philips) Room 3= 2 Room 4= 1 Drawing Room= 1 Kitchen= 3 TV Room = 6 Veranda = 10 outer area = 4 Total = 27	27.00	No.					
2	S/E of gang switch colepsal made (i) (2-gang)	1.00	No.					
3	S/E of LED Flood Light 100 watt (Philips)	4.00	No.					
Mandatory to Write in Words: (Urdu/English)								