


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 2023-24 are:-		
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 (Not-Required for Ex. Pre-Qualified Contractors in D and E Category and involved in repair works with ECD-M) A. Valid License Copy is mandatory from the PEC Registered contractors for the said PEC- Class as per prescribed guidelines B. Copy of the Prequalification Certificate/Notification with ECD, UAF for the current Financial Year (In-Process) Dully issued by the Executive Engineer (M) or (P)	
3	Copy of Registration Certificate, (Active NTN Certificate) with Federal Board of Revenue.	
4	Copy of Registration Certificate, (Active PNTN Certificate) with Punjab Revenue Authority Punjab	
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*
Not required for the Downloaded Tendering Documents

Note: Bidders are directed to provide forth-said information with the tender to the Office of Executive Engineer, UAF to proceed further.

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Stereo I.B No. 386 (revised)
Stereo I.B No. 389 (revised)
Stereo I.B No. 28 (revised)
Stereo I.B No. 29 (revised)

Agreement No. _____

UNIVERSITY OF AGRICULTURE, FAISALABAD

(Item Rate / Percentage Age Rate Tender & Contract for Works)

1	Name of work:	i. Construction of 30 Nos of residences near Youngwala Colony, at Main Campus, UAF.	
2	Estimated cost :	PKR: 120.00 (Million)	
3	Time for completion :	i. Six Months.	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:	PKR: 2,400,000/-	
5	Issued to:		
6	Pre-tender conference:	N.A.	
7	Dead Line for submission of Tender:	-----08-11-2023-----	
8	Opening of Tender :	-----08-11-2023-----	
9	Issued by:	Office Of Executive Engineer, 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 signature and stamp of the issuing officer in favor of the contractor/firm to whom the tender-documents was issued against prescribed fee (Non-Refundable) for the purpose/ work requested thereto. However, the tender documents can be downloaded Free of Cost from UAF or PPRA website. Tender documents in a sealed envelope along with prescribed Bid Security @ 2% in shape of CDR/DD in favour of Executive Engineer (ECD-M) /Treasure, UAF must reach to the **Office of Executive Engineer, University of Agriculture Faisalabad** up to schedule of closing.

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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 2023 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.

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- 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 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.

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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.
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

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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 contact, 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 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

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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 the contract in the presence of the Engineer-in-charge.
31. After the successful tenderer has signed the contract furnished 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.

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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
.....
.....
.....

(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 favor 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

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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.

Thanking you,

Yours faithfully,
(Signature of Tenderer)

NAME.....
*
Address

Dated thisDay of 2023

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.

Contractor

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MEMORANDUM OF WORK

a)	General Description:	1. Construction of 30 Nos of residences near Youngwala Colony, at Main Campus, UAF.
	Estimated Cost:	PKR: 120.00(Million)
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)	PKR: 2,400,000/-
ii.	Percentage of security deposit to be retained from the bills.	Ten (10) percent Five (5) percent
	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.	
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)

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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. _____

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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

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DETAILED NOTICE INVITING TENDER (DNIT) Tender No. 20/2023 Sr. No. 01					
Name of Work:		Construction of 30 Nos of residences near Youngwala Colony, at Main Campus, UAF.			
Sr. No	Item Details/ Description of works	Qty	Unit	To be filled by the Bidder	
				Rate Quoted	Amount (PKR)
A. Civil work					
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead upto one chain (30 m)lift upto 5 ft (1.5m). 1) By Manual (ii) in ordinary soil.	30368.51	%0cft		
2	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(15,934.55-31.5% reduce=15,934.55-5019.38=10915.17	13096.88	%0cft		
3	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects	11466.00	%0cft		
4	Earthowrk in ordinary soil for embankments lead upto 100 ft. (30 m), including ploughing and mixing with blade grade or disc harrow or other suitable equipment, and compaction by mechanical means at optimum moisture content and dressing to designed section, complete in all respects:- iii)85% maximum modified AASHTO dry density	225330.00	%0cft		
5	Providing, laying, watering and ramming brick or stone ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects	14639.10	%cft		
6	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:-(b) Ratio 1: 4: 8	1733.88	%cft		
7	Pacca brick work in foundation and plinth in 1:6 cement sand mortor	42127.68	%cft		
8	Pacca brick work other than building upto 10ft. (3 m) Ratio 1:4	1434.38	%cft		
9	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating 1½" thick (40 mm)	5926.94	%sft		
10	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:6	20416.50	%cft		

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11	Pacca brick work in ground floor:-i) cement, sand mortar Ratio 1:4	379.69	%cft		
12	Pacca Brick work other then building in ground floor level 1:6 c/s mortor	11815.34	%cft		
13	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate):1:2:4	225.00	%cft		
14	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	49715.12	%kg		
15	Providing and laying reinforced cement concrete (including prestressed concrete), using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; coarse sand and screened graded and washed aggregate, in required shape and design including forms, moulds, shuttering, lifting, compacting curing, rendering and finishing exposed surface, complete (a) (i) Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) Type C (nominal mix 1: 2: 4) Note* Sulphate Resisting Cement should be used.	14460.30	p.cft		
16	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 sheet	14551.88	%sft		
17	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm	90.00	each		
18	Providing and laying road edging of 3" (75 mm) wide and 9" (225 mm) deep brick on end, complete in all respects.	792.00	rft		
19	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 + carriage for aggrigate/ gravel	1772.10	%cft		

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20	Providing and laying base course of crushed stone aggregate of approved quality and grade, and supply and spreading of stone screening, including placing, mixing, spreading and compaction of base course material to required depth, camber and grade to achieve 100% maximum modified AASHO dry density, including carriage of all materials to site of work except gravel and. aggregate.	1772.10	%cft		
21	cement plaster 1:4 ratio upto 20 ft height ½" thickness	56002.50	%sft		
22	Applying floating coat of cement 1/32" (0.8 mm) thick.	1225.00	%sft		
23	cement plaster 1:4 ratio upto 20 ft height ¾" thickness	69534.75	%sft		
24	Cement plaster 1:3 upto 20' (6.00 m) height b)½" (13 mm) thick	1000.00	%sft		
25	Cement plaster 1:3 upto 20' (6.00 m) height c)¾" (20 mm) thick	1225.00	%sft		
26	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. Ratio 1:3	12301.88	%sft		
27	color wash New surface 2 coats	30181.59	%sft		
28	Providing and applying wall putty of 2mm thickness over plastered surface (new surface)top repare the surface even and smooth complete in all respect.	60333.38	%sft		
29	Distempering 3 coats on new surface	60333.38	%sft		

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30	Providing and fixing steel windows with openable glazed panels, using beam section for frame 1½"x1"x5/8"x1/8"(40x25x16x3 mm), Z-section for leaves ¾"x1"x¾"x1/8"(20x25x20x3 mm), T-section sashes 1"x1"x1/8" (25x25x3 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-in-charge:-b)fixed with wire gauze, 22 SWG v) glass pane 5 mm thick	1552.50	p.sft		
31	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement	1200.00	sft		
32	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge (i)¾" Squar Bars	1552.50	sft		
33	Providing and fixing 2" wide MS/ GI Chowkat singel/ double rebate made of 16SWG MS sheet pressed/ welded/ supported with M.S. flat1¼"x½" i/c 6" long M.S.Flat 1"x ½" hold fasts (6 Nos) welded/ screwed, punching of lock hole covered with MS Box, coating with anti rust paint including filling with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4), complete in all respect as approved and directed by Engineer Incharge.(ii) 10.50 " wide	3465.00	p.sft		
34	P/F 1½" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood instyle and rail sunder proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge	3465.00	p.sft		
35	P/F ¾" dia heavy duty sliding bolt of specified material i/c the cost of hard ware complete in all respect as approved and directed by the Engineer Incharge b)Brass (iii) 18" (450 mm) long	150.00	each		
36	Providing and fixing of PVC sheet for door	525.00	p.sft		
37	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1½" x 3/8" (40 x 10 mm	18386.87	rft		

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38	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- (c) 1½"(40 mm) thick	17829.38	%sft		
39	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	12815.40	%sft		
40	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 3" x 3/8" (40 x 10 mm	2574.00	rft		
41	Providing and laying topping of cement concrete 1:2:4,including surface finishing and dividing in panels:- (i) 3"(75 mm) thick	4290.00	%sft		
42	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities/ Shelves/ Treads/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge i) China Verona	600.00	sft		
43	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/ Matt/ Texture skirting/ dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer In charge j)12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	5115.00	sft		
44	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	452.68	p.sft		
45	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated/ Glossy MDF (Karachi) sheet with 1"x3/4" deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P. handles, catchers, screws, and rawal plugs, polishing/ painting 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.	600.00	p.sft		
46	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911: Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete iii) 225 mm (9:) i/d	795.00	rft		

47	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex/ Popular/ Beta or equivalent, plain/ Bell Ended/ Z-Joints conforming to BS 4514/ BS 5255 EN-1329 including the cost of special sand Solvents complete in all respects, as per drawings & specification sand/ or as approved and directed by the Engineer Incharge Type b) (SDR 32.5/SN-8) (v)4"(110 mm)	3480.00	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 1including the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia	30.00	each		
49	Providing and installing P.V.C. bends, of B.S.S.i) Class `B' working pressure b) 4" i/d (100 mm)	180.00	each		
50	Providing, fixing, testing and commissioning of μPVC (Plasticized Polyvinyl Chloride) sewerage pipe make of Dadex/ Popular/ Beta or equivalent, 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 In charge a)Type (SDR 34/SN-8) i) 6" dia 150mm	990.00	rft		
51	Constructing gully grating chamber, 12"x12", (300x300mm) complete in all respects:B)concrete Gully trap 6124.95-446.30= 5678.65	90.00	each		
52	Making Sewerage connection to Existing Manhole of main sewerage pipe line including cost of Plugging dewatering desiliting making hole in wall repairing and restoration etc complete in working condition	1.00	one job		
53	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect	25.00	each		
54	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	19050.65	%0cft		
55	Providing and hoisting vertical/horizontal type storage tank of required capacity made of rotationally molded from (HDPE), doubleply polyethelene of approved manufacturer i/c cost of making connection for inlet/ outlet pipe, float valve i/call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge.	6000.00	per gallon		
56	Providing, laying, testing and commissioning under ground Yellow Polyethelene (MDPE) gas pipe tubing of required IPS (Iron Pipe Size) in the trenches, made of Dadex/ Popular/ Beta or equivalant, for Gas supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge (v) 2"	780.00	rft		

57	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 b)¾" i/d (20 mm) 2.65mm thick	1830.00	rft		
58	Providing, laying, testingand commissioning of POLYPROPYLENE 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	5970.00	p.rft		
59	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe, Beta/ Dadex/ Popular/ IIL or equivalent including the cost of specials, in trenches, as approved & directed by the engineer incharge, complete in all respects.c) PN-10 (SDR-17) 7 90 mm	1490.00	p.rft		
60	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.i) 1/2" dia	30.00	each		
61	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Inchargeii) 3/4" dia	30.00	each		
62	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/ Sonex/ Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.iii) 1" dia	90.00	each		
63	P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer	60.00	each		
64	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	30.00	each		
65	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	300.00	each		
66	P/Fixing of C.P Nipple 1"x½"	300.00	each		
67	Providing and fixing brass ball float valve i)1.5 cm (½") dia	30.00	each		

68	Providing and fixing, flushing bend of PVC.ii)4 cm (1½")	30.00	each		
69	Providing and Fixing of Muller Tee 2" dia	30.00	each		
70	Providing and Fixing of PE (PN-10)line 2" dia including cost of Transection Peace with 2ft M.S 2" dia 2ft long to reduce to ¾" dia with fitting of 2' PE pipe line etc complete in all respects	30.00	each		
71	Making connection for new water supply lines with the running main, including excavation of trench and refilling, complete, but excluding cost of pipe and specials, etc Diameter of running main: i)upto 6" i/d (150 mm	1.00	per connec tion		
72	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 1including the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia	150.00	each		
73	Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest i) white	30.00	each		
74	P/Fixing Floor Trape Jali 6"x6" double cover as approved site Engineer)	120.00	each		
75	Providing and fitting glazed earthen ware wash hand basin / vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.i) white, with pedestal	30.00	each		
76	Providing and fixing chromium plated tee stop cock 15mm (½").	90.00	each		
77	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	30.00	each		
78	Providing and fixing of Sink Mixer ½" dia Powder coated as approved by the engineer	30.00	each		

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79	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 (iv) Open Type Wall Shower	30.00	each		
80	Providing and fixing of Bib cock ½" dia	30.00	each		
81	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 (ii) Lever Type Basin Mixer	30.00	each		
82	Providing and fixing of Regulator 043	30.00	each		
83	Providing and fixing of Sui Gas Nozzel ½" dia	30.00	each		
84	Providing and fixing Eclips cock ¾" dia	30.00	each		
85	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	30.00	each		
86	Providing and fitting, glazed earthen ware soap dish i) white	60.00	each		
87	Providing and fixing looking glass 55x40 cm (22"x16") size and 5 mm thick, first quality	30.00	each		
88	Providing and fitting glazed earthen ware shelf 60x13 cm (24"x5"), with chromium plated bracket and railing i) white	30.00	each		
89	Providing and fixing of Non clogging centrifugal Pump KSP made as following pump type 100-250, one cusic discharge with 10H.P motor siemen, M.C.U. 10 HP, starter type, complete in working condition	1.00	each		

90	Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.	360.00	p. hole		
Total. A:					
B. Electric work					
1	S/E of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials. (i) 25 mm i/d (1"dia) size	6000.00	Rft		
2	S/E of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only): 3/0.74 mm (3/0.029")	9000.00	Mtr		
3	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only): 7/0.74 mm (7/0.029")	6000.00	Mtr		
4	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only): 7/1.12 mm (7/0.044")	1500.00	Mtr		
5	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer In charge (i) Small	240.00	No.		
	(ii) Large	120.00	No.		
6	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer Incharge One way Gange Switch (Small) (i) Three pin Light Plug 10/13 Amp	60.00	No.		
	(iii) Fan Dimmer	60.00	No.		
	(iv) Three Pin Power Plug 15-32 Amp	30.00	No.		
	Large(v) 04 Gange	60.00	No.		
	(vi) 06 Gange	120.00	No.		
7	Supply and erection of button holder. Bakelite large size	240.00	No.		
8	S/E of LED blub 20 watt (Philips made)	240.00	No.		
9	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge. Steel body: 12 " dia size	30.00	No.		
10	P/F wall mounted DB (Distribution Board) made with 16 SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). 6" deep 20~60A (12x12x6)"	15.0	cft		

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11	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge. (i) Single Pole: 6-40 Amp (6 KA)	180.00	No.		
	(ii) Duble Pole: 6-63 Amp (10 KA)	30.00	No.		
12	S/E of Ceiling fan 56" size Energy Efficient (NEECA/PEECA approved)	60.00	No.		
13	S/E of roof suspension hook of M.S plate 75x40x12.7mm (3"x1½"x½") with 16 mm (5/8") hook complete with bolts, nuts and fixing with cement concrete 1:3:6	60.00	No.		
TOTAL B:					
C. External Electrification					
14	S/E of LT Lattic steel structure (30'-8") (WAPDA approved)	5.00	No.		
15	S/E of all aluminium stranded hard drawn bare conductor (WASP)	500.00	Mtr		
16	P/F stay for pole complete in all respects	3.00	No.		
17	S/E of M.S.U clump	30.00	No		
18	Supply and erection of shackle insulator, medium size.	30.00	No		
19	S/E of Aluminium cable 10mm2 (7/0.052) 2/core	4000.00	Rft		
20	P/F of earthing rod with GI wire and clump complete in all respects	5.00	No.		
21	S/E of G.I. pipes for wiring purposes, including pull boxes, inspection boxes, bends, tees, etc. complete with all specials. on surface, including clamps, etc. 50 mm i/d 2" dia size	300.00	Rft		
22	S/E of stay for house service pipe, erected with straining screws and 7/14" stay wire, complete.	600.00	Rft		
23	S/E of street light pole bracket 30 mm (1¼") G.I. pipe 2 metre long, complete with 2 No. pole clamp.	30.00	No.		
24	S/E of Street light matlic compact fixture (E-42 400 watts Halogen light model) for 40 watt to 60 watt LED E-27 Bulb complete in all respects. (SOGO brand china made)	30.00	No.		
25	P/F M.S. iron box for housing main switches, made of 1.5 mm (1/16") thick M.S. sheet, with locking arrangement, including painting:- Required size 1'x'1x6"	1.00	No.		

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26	P/F PG connectors complete in all respects	90.00	No.		
27	Suppling,Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY /SIEMEN GERMANY/TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screws,necessary wire complete in all respect as approved and directed by the Engineer Incharge. Double Pole: 6-40 Amp (6 KA)	4.00	No.		
28	S/E of LED bulb 50 watt (Fast made)	30.00	No		
29	Prepration of designing, drawing proposal excluding designe vetting fee of FESCO and prepration of test reports from the wiring contractor (of catagories (A or B) of electric inspector Faisalabad Region GOP) for each residence after completion of the wiring including cost of new meter file etc complete in all respects.	1.00	Job		
Total. C					
Total A+B+C					
PST@_____%					
G. TOTAL:					
Mandatory to Write in Words: (Urdu/English)					

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