

(REVISED)
CONTRACT FROM THE EXECUTIVE OF WORKS
GOVERNMENT OF THE PUNJAB

PUNJAB BUILDING DEPARTMENT
TENDER/CONTRACT DOCUMENTS

Name of Work:- _____

Name of Contractor: - _____

Estimated Cost of Work Rs:- _____

Amount of Earnest Money Rs:- _____

Deposit at Call No:- _____

Treasury Challan No:- _____

Time Limit:- _____

Contractor

Executive Engineer

Stereo LB No, 386 (revised)

Agreement No.-----

Stereo I.B No. 389 (revised)

Stereo I.B No. 28(revised)

Stereo I.B No. 29(revised)

UNIVERSITY OF AGRICULTURE, FAISALABAD**ITEM RATE TENDER & CONTRACT FOR WORKS**

1	Name of work	1. Establishment of Student Facilitation Center at PARS Campus, University of Agriculture, Faisalabad
2	Estimated cost	Rs. 95.939Million/-
3	Time for completion	06-Months
4	Amount of Bid Security	PKR----- Million (s)
5	Issued to	-----
6	Pre-tender conference	-----
7	Dead Line for submission of Tender	18-04-2023 up to 11:00AM-----
8	Opening of Tender	18-04-2023 up to 11:30AM-----
9	Issued by	Executive Engineer, University of Agriculture, Faisalabad.

Signature:-----

Date:-----

OFFICE STAMP

Note: The officer opening the tender shall 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 issue

Contractor**Executive Engineer**

**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, 1st 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 himself 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

Contractor

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

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14. No tender without earnest money shall be entertained, earnest money, calculated @ 2% of the estimated cost of the work (rounded suitably), shall be in the form of 'deposit at call receipt'. The earnest money of the unsuccessful tenderers shall normally be returned by the Engineer-in-charge within a week of opening of the tenders and in any case not later than sixty (60) days following the date set for opening of tenders. In the event of the tender being accepted, or receipt for the earnest money forwarded therewith, shall thereupon be given to the contractor. The earnest money of the successful tenderer on execution of the contract covering work will be adjusted towards the amount of security deposit to be retained from the first amount (s) payable to the contractor under the contract.
15. The successful tenderer will be required to enter into a contract, furnish the performance security (where-ever required) and to commence the work within the time specified in the memorandum of work. Should the successful tenderer refuse or fail for any reason to enter into contract, or to furnish the performance security or to commence the work within the time specified in the memorandum of work, it should constitute a just cause for the annulment of the award and in the event of such annulment, the entire earnest money shall be forfeited to Government, as compensation for such default.
16. (i) The tender shall be signed by the person (s) duly authorized to do so. In the event of the tender being submitted by a firm, it shall be signed separately by each member thereof, or in the event of the absence of any partner, it shall be signed on his behalf by a person holding a power of attorney authorizing him to do so. Such power of attorney should be produced with the tender and it must disclose that the firm is duly registered under the Partnership Act, 1932, or any other law in force.
(ii) The tender submitted by a joint venture of two or more firms shall be accompanied by a document of formation of the joint venture, duly registered and authenticated by competent court, in which shall be stated precisely, the conditions under which it shall function, its period of validity, the person (s) authorized to represent it and accept it obligate, the participation of several firms forming the joint venture and any other information of necessary to permit a full appraisal of its function.
(iii) A tender submitted by a corporation must bear the seal of the corporation and be attested by its Secretary.
(iv) In all cases, the tender must be signed by an individual or individuals having powers to legally bind the firm, joint venture, corporation or companies on whose behalf they are signing.
17. Each tenderer shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender and of the rates and prices stated in the bid schedule which rates and prices shall, except in so far as it is otherwise expressly provided in the contract, cover all obligations under the contract and all matters and things necessary for the proper completion and maintenance of the works.
18. The tenderer may modify or withdraw his tender after submission, provided that the modification or notice of withdrawal is received in writing by the engineer-in-charge prior to the prescribed deadline for submission of tenders. The tenderer's modification or notice of withdrawal shall be prepared, sealed, marked and delivered, with the inner envelopes additionally marked "MODIFICATION or WITHDRAWAL as appropriate. No tender may be modified subsequent to the deadline for submission of tender. Withdrawal of a tender during the interval between the deadline for submission of

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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 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 without material deviation or reservation. If a tender is not substantially responsive to the requirements of the tender documents, it will be rejected by the engineer-in-charge and may not subsequently be made responsive by the tenderer having corrected or withdrawn the non-confirming deviation or reservation.
25. Except for information to be read out by the Engineer-in-charge at the time of opening tenders in accordance with Para 23 above, no information relating to the examination, clarification, evaluation and comparison of tenders and recommendations concerning the award of contract shall not be disclosed to tenderers or other persons not officially concerned with such process. Any effort by the tenderer to influence the process of examination, clarification, evaluation and comparison of tenders, and in decisions concerning award of contract, may result in the rejection of his tender.
26. To assist in the examination, evaluation and comparison of tenders, the Engineer-in-

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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 In case the total tendered amount is less than 5% of the approved Estimated (DNIT) amount, the lowest bidder will have to deposit Quality Assurance Security from the Scheduled Bank equal to the amount of difference between approved DNIT amount and the quoted bid amount as given below, within 15 days of issuance of the 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%
& So on	& So on

27. The Engineer-in-charge shall have the right of 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 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..

Contractor

Executive Engineer

TENDER FOR WORK

To
The Executive Engineer

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

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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)

Dated thisDay

NAME.....

Of20...

*Address.....

I hereby accept the above tender on behalf of the 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

Executive Engineer

MEMORANDUM OF WORK

- | | | |
|----|--|---|
| a) | General Description | Establishment of Student Facilitation Center at PARS Campus, University of Agriculture, Faisalabad |
| b) | Estimated bid Cost | RS. 95,939/- |
| c) | Amount of bid security to accompany the tender (to be furnished by the tenderer in the shape of “deposit at call” from a scheduled Bank of Pakistan) | Rs. 1,918,780/- |
| d) | Percentage of security deposit to be retained forms the bills. | |
| | i) On the amount of work done up to Rs.5.0 million | Ten (10) percent |
| | ii) On the amount of work done beyond Rs.5.0 million. | Five (5) percent |
| e) | Minimum amount of interim running bills | Rupees five million (Rs.----- only |
| f) | Mobilization period | Fifteen (15) calendar days |
| g) | Time allowed for completing the work after the expiry of mobilization period | -----calendar months |
| h) | 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. |
| i) | Period of maintenance (after the date of issuance of certificate of completion) | Twelve (12) calendar months. |

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SUMMARY OF COST**Establishment of Student Facilitation Center at PARS Campus, University of
Agriculture, Faisalabad**

1	Civil Work	
2	Public Health	
3	Electrical	
	Total	
	Add 5% PRA	
	Grand Total	

RUPEES IN WORDS:-

Contractor**Executive Engineer**

**ESTABLISHMENT OF STUDENT FACILITATION CENTER AT PARS CAMPUS, UNIVERSITY OF AGRICULTURE,
FAISALABAD
CIVIL WORK
D.N.I.T**

Abstract of Cost						
Sr. No	Ref. No.	Description	Unit	Quantity	Rate	Amount (Rs.)
1	ch.3/21	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).b) in ordinary soil.	1000 Cft.	20579.25		
2	ch.26/43	Spraying termite proofing by using liquid FMC/ Biflex / Terminex Exin/ Ms Hextar or equivalent @specified suspension concentrate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will beprovidedby thecontractorfor 10-years complete in all respect .as approved by the Engineer Incharge.	Per Sft	12979.00		
3	ch.6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 4: 8	100 Cft.	4000.00		
4	ch.7/4	Pacca brick work in foundation and plinth in:-i)Cement, sand mortar:- Ratio 1:6	100 Cft.	8000.00		
5	ch.6/6	(a)(ii) Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontalshuttering) complete in all respects:- (c) Type C (nominal mix 1: 2: 4)	Per Cft	7969.00		
6	ch.7/5	Pacca brick work in ground floor:-i) cement, sand mortar:-Ratio 1:5	100 Cft.	5425.00		
7	ch.7/5	Pacca brick work in ground floor:-i) cement, sand mortar:-Ratio 1:3	100 Cft.	358.88		

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8	ch.6/6	(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:- (c) Type C (nominal mix 1: 2: 4) G/F	Per Cft	13847.00		
9	ch.6/9	Fabrication of mild steel reinforcement for cement concrete,including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)	100 Kg	124193.50		
10	ch.7/5+6	Pacca brick work in first floor:-i) cement, sand mortar:-Ratio 1:5 Add extra labour on item No. 5 for brickwork in:- i) first floor	100 Cft.	2755.50		
11	ch.7/5+6	Pacca brick work in first floor:-i) cement, sand mortar:-Ratio 1:3 Add extra labour on item No. 5 for brickwork in:- i) first floor	100 Cft.	418.50		
12	ch.6/6	(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:- (c) Type C (nominal mix 1: 2: 4) F/F	Per Cft	2814.50		
13	ch.9+26/ 5+37	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. Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. 500 gauge (.005" thick)	100 Sft	9724.00		
14	ch.9/15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	No.	28.00		
15	ch.23/26	Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- b) 4" i/d (100 mm)	Per Rft.	700.00		
16	ch..11/9	Cement plaster 1:4 upto 20' (6.00 m) height: ¾" (20 mm) thick G/F	100 Sft	9366.50		
17	ch.11/9	Cement plaster 1:4 upto 20' to 30' height:- b) ½" (13 mm) thick	100 Sft.	2854.72		

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18	ch.11/9	Cement plaster 1:3 upto 20' (6.00 m) height:- a) 3/8" (10 mm) thick	100 Sft.	14703.75		
19	ch.3/15	Filling, watering and ramming earth under floors:- i) with surplus earth from foundation, etc.	1000 Cft.	13582.31		
20	ch.3/15	Filling, watering and ramming earth under floors:- ii) with new earth excavated from outside, lead upto 6 mile.	1000 Cft.	17544.00		
21	ch.7/30	Supplying and filling sand under floor; or plugging in wells	100 Cft.	1403.52		
22	ch.10/3	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for 1st floor , complete in all respects.	100 Cft.	3308.58		
23	ch.6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 2: 4	100 Cft.	119.57		
24	ch.10/42	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. Full body Glazed tiles (ii) 600mmx 600 mm	per Sft	7140.00		
25	ch.10/43	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shadewith adhesive/ bond over /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 Incharge. a) Full body Glazed Tile (ii) 600mm x600 mm	per Sft	691.50		
26	ch.10/24	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesivebond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishingthe joints i/c cuttinggrinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x24"	per Sft	759.88		

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27	ch.10/25	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 Incharge. 12"x24"	per sft	1478.70		
28	ch..11/9	Cement plaster 1:4 upto 20' (6.00 m) height: 3/4" (20 mm) thick F/F	100 Sft	9108.00		
29	ch.11/9	Cement plaster 1:4 upto 20' (6.00 m) height:- b) 1/2" (13 mm) thick 1st floor.	100 Sft.	5076.14		
30	ch.11/10	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. 1:3	100 Sft	15330.00		
31	ch.10/3	Providing, laying, watering and ramming brick ballast 1 1/2" to 2" (40 mm to 50 mm) gauge mixed with 25% sand, for 1st floor, complete in all respects.	100 Cft.	1785.00		
32	ch.6/5	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1: 2: 4	100 Cft.	1785.00		
33	ch.10/42	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. Full body Glazed tiles (ii) 600mm x 600 mm F/F	per Sft	3219.00		
34	ch.10/43	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 Incharge. a) Full body Glazed Tile (ii) 600mm x 600 mm F/F	per Sft	746.74		

Contractor

Executive Engineer

35	ch.10/24	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x24"	per Sft	432.00		
36	ch.10/25	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 Incharge. 12"x24"	per Sft	420.00		
37	ch.10/47	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. China Verona	per Sft	1564.36		
38	ch.25/34	Providing/fixing stair railing consisting of M.S. Box section size 1-1/2"x3" of 16 SWG welded with M.S. flat 1"x1/8" continuously and welded over M.S. square bars 5/8"x5/8" punched in M.S. flat 2 3/4' high @ 5 1/2" c/c fixed in steps of stair I/C painting 3 coats complete.	Per Rft.	40.00		
39	ch.12/17	Providing and fixing 2" wide MS/ GI Chowkatsingel/double rebated made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" i/c 6" long M.S. Flat 1"x1/8" hold fasts (6-Nos) welded/ screwed, punching of flockhole covered with MS Box, coating with antirust 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. 10.5"	Per Sft	1954.00		

Contractor

Executive Engineer

40	ch.12/50	Providing and fixing 1½" (40mm) thick solid flush door shutter (Approved Factory Manufactured) with commercial ply (5 mm thick) on both sides double pressed and deodar wood lipping 1½"x3/8" (40mm x 10mm) around shutter including chromium plated fitting, iron hinges with aluminium kick plate 22 SWG on both sides & finger plate complete in all respect.	Per Sft	566.00		
41	ch.12/7a	First class deodar wood wrought joinery in doors and windows, etc. panelled, or panelled or glazed, or fully glazed, fixed in position, including chowkat, holdfast, hinges, tower bolts, chocks, rubber stop, cleats/G.I. clamps, handles and chord with hooks, etc. complete (excluding sliding bolt or lock):- 2" thick (50 mm)	Per Sft	40.00		
42	ch.12/17	Providing and fixing 2"wideMS/ GI Chowkatsingel/double rebatemade of 16 SWG MS sheetpressed/welded / supported with M.S. flat 1- 1/4"x1/8" i/c 6"long M.S. Flat 1"x1/8"hold fasts (6-Nos) welded/ screwed, punchingoflockhole covered with MS Box,coating with antirust 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. 5.5" wide	Per Sft	119.00		
43	ch.12/59	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	Per Sft.	90.00		
44	ch.13/5	Preparing and painting three coats, on new surface for door and windows of any type.	100 Sft.	80.00		
45	ch.13/7	French polishing complete:- a) on new work	100 Sft	80.00		

Contractor

Executive Engineer

46	ch.25/52	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.	Per Sft	1165.00		
47	ch.25/53	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze(Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardware as approved and directed by the engineer incharge. complete in all respect.	Per Sft	778.50		
48	ch.25/58	Providing and fixing M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.	Per Sft.	1645.00		
49	ch.13/46	Providing and applying wall putty of 2mm thickness over plastered surface (new surface) to prepare the surface even and smooth complete in all respect.	100 sft	2057.00		
50	ch.11/23	Distemping:- a) new surface:- iii) three coat	100 Sft.	18649.47		
51	ch.13/31	Preparing surface and painting with emulsion paint:- a) first coat b) 2nd and each subsequent coat	100 Sft.	330.00		
52	ch.18/3	a) 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. ii) Crushed stone aggregate.	100Cft	250.00		

Contractor

Executive Engineer

53	ch.10/43	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" 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	P.Sft	5000.00		
54	ch.6/52	Providing & fixing precast Edge Kerb Stone (4" to 6" thick) and 14" high of CompressiveStrength of 3500 PSI laid in cement sandmortar (1:3) over pre-laid brick masonry for drain cum footpath etc complete in all respect. (ii) With painting	Per Rft.	500.00		
55	ch.26/44	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.Sbox 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	Per Sft.	200.00		
56	ch.7/5+6	Pacca brick work in second floor:-i) cement, sand mortar:-Ratio 1:5. Add extra labour on item No. 5 for brickwork in:- ii) second floor	100 Cft.	634.50		
57	ch.7/38	Providing and laying fair face Gutka cladding laid in (1:2) cement / red posso mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c respectively i/c cutting charges as per approved drawing , complete in al respect as approved and directed by the Engineer Incharge. 2-1/4" x 2-1/4" x 9"	Per Sft.	10638.00		
58	ch.10/15	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels:- (e) 2"(50 mm) thick	100 Sft.	1254.00		
59	ch.10/40	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels a) Size 1½" x 3/8" (40 x 10 mm)	Per Rft.	815.10		

Contractor

Executive Engineer

60	ch.12/61 ii	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by theEngineer Incharge. b) Brass (ii) 12" (300 mm) long	Each	19.00		
61	ch25.51	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	Per Sft	21.00		
						Total:

Contractor

Executive Engineer

**ESTABLISHMENT OF STUDENT FACILITATION CENTER AT PARS CAMPUS, UNIVERSITY OF AGRICULTURE,
FAISALABAD
PUBLIC HEALTH
D.N.I.T**

S.N#	DESCRIPTION	REF.NO	QUANTITY	UNIT	RATE	AMOUNT
1	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 (12,926.85-31.5% reduce=12,926.85-4071.96=8854.89)	ch.3 item 42-i	4125.75	%0cft		
2	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	ch.3 item 44	2025.00	%0cft		
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (b) Ratio 1: 4: 8	ch.6 item 3-b	107.25	%cft		
4	Pacca brick work other than building upto 10ft. (3 m) Ratio 1:4	ch.7 item 7-i	267.75	%cft		
5	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:2:4	ch.6 item 5-f	150.00	%cft		

Contractor

Executive Engineer

6	Fabrication of mild steel reinforcement for cement concrete including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):(b) Deformed bars (Grade-40	ch.6 item 12-b	219.97	%kg		
7	Reinforced cement concrete in roof slab, beams columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast 3) This item shall not be applicable in situ, complete in all respect c) 3c type 1:2:4	ch.6 item 6a 3-c	89.48	p.cft		
8	Applying floating coat of cement 1/32" (0.8 mm) thick.	ch.11 item 13	294.00	%sft		
9	Cement plaster 1:3 upto 20' (6.00 m) height b)½" (13 mm) thick	ch.11 item 8-b	360.00	%sft		
10	Cement plaster 1:3 upto 20' (6.00 m) height c)¾" (20 mm) thick	ch.11 item 8-c	294.00	%sft		
11	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	ch.21 item 1-iii	250.00	rft		
12	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with 'D' Class working pressure complete in all respects c)4" i/d (100 mm)	ch.23 item 28-c	886.50	rft		

Contractor

Executive Engineer

13	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 Including the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge.c') Vent Cowel (i) 4" dia	ch.19 item 49- c-i	16.00	each		
14	Providing and installing P.V.C. bends, of B.S.S.i) Class `B' working pressure b) 4" i/d (100 mm)	ch.23 item 38-b	55.00	each		
15	Providing and installing P.V.C. tees, of B.S.S (i) Class `B' working pressure:-b) 4" i/d (100 mm)	ch.23 item 39-b	16.00	each		
16	Providing, fixing, testing and commissioning of μ PVC (Unplasticized 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 Incharge a)Type (SDR 34/SN-8) i) 6" dia 150mm	ch.23 item 48-i	121.00	rft		
17	Constructing gully grating chamber, 12"x12", (300x300mm) complete in all respects:B)concrete Gully trap 5,338.35-328.75= 5009.6	ch.21 item 7-b deductee d ch.19 item 34-b	12.00	each		
18	Making Sewerage connection to Existing Manhole of main sewerage pipe line including cost of Plugging dewatering desilting making hole in wall repairing and restoration etc complete in working condition	N.s 1410 item ph- 115	1.00	one job		

Contractor

Executive Engineer

19	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	ch.21 item 16	3.00	each		
20	Rehandling of earthwork:a)Lead upto a single throw of Kassi, phaorah or shovel	ch.3 item 15-a	4573.00	%0cft		
21	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.	ch.19 item 51	500.00	per gallon		
22	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 equivelant, for Gas supply i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge SDR-11 (v) 2"	ch.19 item 50- iii	450.00	rft		
23	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 a) ½" i/d (15 mm) 2.65mm thick	ch.23 item 22- ii-a	16.00	rft		
24	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	ch.23 item 22- ii-b	339.00	rft		

Contractor

Executive Engineer

25	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	ch.23 item 22- ii-c	105.00	rft		
26	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 e)1½" i/d (40 mm) 3.25mm thick	ch.23 item 23- ii-e	378.00	p.rft		
27	Providing, laying, testing and 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	ch.23 item 47- b-iii	400.00	p.rft		
28	Providing and fixing of Handle Cock ½" dia	N.s 1410 item 109	6.00	each		
29	Providing and fixing of Handle Cock ¾" dia	N.s 1410 item 110	4.00	each		
30	P/Fixing of Handle Cock 1" dia	N.s 1410 item ph- 111	4.00	each		
31	P/Fixing PPRC L-bow 32mmx¾" dadex made as approved site Engineer	N.s 1410 item ph- 073	1.00	each		
32	P/Fixing PPRC L-bow 32mmx1" dadex made as approved site Engineer	N.s 2533 item ph- 062	20.00	each		

Contractor

Executive Engineer

33	P/Fixing PPRC L-BOW 32/ 25mmx1/2" dadex made as approved site Engineer	N.s 325 item 23	35.00	each		
34	P/Fixing of C.P Nipple 1"x1/2"	N.s 1410 item ph-122	35.00	each		
35	Providing and fixing, flushing bend of PVC.ii)4 cm (1½")	ch.19 item r-4-ii	9.00	each		
36	PE Pipe Conection PN-10 including of Reducer Socket (M.S riser welded with yellow pipe total lenth 3ft)	N.s 342-A item 47	1.00	per connection		
37	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 Including the cost of Solvents complete in all respect as approved and directed by the EngineerIn charge(a) P-Trap(i) 4" dia	ch.19 item 49-a-i	15.00	each		
38	Providing and fitting white glazed earthen ware water closet squatter type, with separate foot rest	ch.19 item 5	7.00	each		
39	P/Fixing Floor Trape Jali 6"x6" double cover as approved site Engineer)	N.S 1410 item ph-0020	15.00	each		
40	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	ch.19 item 7-i	3.00	each		
41	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc v) Under Counter Vanity Basin	ch.19 item 7-v	8.00	each		

Contractor

Executive Engineer

42	Providing and fixing chromium plated tee stop cock 15mm (½").	ch.19 item 28	30.00	each		
43	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	ch.19 item 8	2.00	each		
44	Providing and fixing of Sink Mixer ½" dia Powder coated as approved by the engineer	N.S 1410 item Ph-008	2.00	each		
45	Providing and fixing of Bib cock ½" dia	ch.19 item 27-ii	8.00	each		
46	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	ch.19 item 52-ii	10.00	each		
47	Providing and fitting European 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 Incharge.	ch.19 item 3	5.00	each		
48	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	ch.19 item 52-v	5.00	each		

Contractor

Executive Engineer

49	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	ch.19 item 52- iii	3.00	each		
50	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	ch.19 item 13-i	3.00	each		
51	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	ch.19 item 23- i+ii+iii+i v+v+vi+ vii	1.00	each		
52	Providing and fitting, glazed earthen ware soap dish i) white	ch.19 item 17-i	5.00	each		
53	Providing and fixing, chromium plated toilet paper holder	ch.19 item 18	4.00	each		
54	Providing and fixing looking glass 55x40 cm (22"x16") size and 5 mm thick, first quality	ch.19 item 20	5.00	each		
55	Providing and fitting glazed earthen ware shelf 60x13 cm (24"x5"), with chromium plated bracket and railing i) white	ch.19 item 22-i	3.00	each		
56	Cutting hole 4"x6" (100x150 mm) in stone masonry or brick wall with chisel, repairing masonry and removing debris within one chain lead.	ch.26 item 39	70.00	p.hole		

Contractor

Executive Engineer

57	Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:-4" dia	ch.23 item 1-b	200.00	rft		
58	Providing and installing, P.V.C. strainer B.S.S. Class 'D' in tubewell bore hole, including sockets and solvents, etc. complete 2" dia	ch.23 item 12-c	40.00	rft		
59	Providing and installing P.V.C. blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.4" dia	ch.23 item 16-b	120.00	rft		
60	Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.2" dia	ch.23 item 17-c	40.00	rft		
61	Providing and installing P.V.C. blind pipe, B.S.S. Class 'D', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete.1¼" dia	ch.23 item 17-a	120.00	rft		
62	Supply and erection of PVC pipe for wiring on surface including clamps inspection boxes, pull boxes, bends, tees, repairing surface, etc., complete with all specials iii) 25 mm i/d	ch. 24 item 4-iii	100.00	rft		
63	Providing and fixing of single Phase 2.5HP electric motor Pump F2c Faisal made including the cost of M.S cover	N.S	2.00	each		
64	Providing and fixing of automatic switch faisal made	N.S 1410 item ph- 117	2.00	each		

Contractor

Executive Engineer

65	Providing and fixing brass ball float valve i) 1.5 cm (½") dia	ch.19 item r-8-i	1.00	each		
66	Providing and fixing of Regulator 043	N.s 2310 item 80	3.00	each		
67	Providing and fixing, brass gas cock:- a)15 mm (½") dia	ch.19 item 44-a	3.00	each		
68	Providing and fixing Eclips cock ¾" dia	N.s 2310 item 79	3.00	each		
69	Providing/ fixing Gas water heater (Geyser) of specified capacity, comprising of water tank made of 14 SWG steel sheet and cover with 20 SWG MS sheet, best quality of approved make of Corona/ Ambassador/ Super Asia/ Canon i/c the cost of non return valve, imported thermostate, G.I. accessories, safety valve and making connection with existing water supply pipe line complete in all respects as approved and directed by the Engineer Incharge (i) 35 Gallons	ch.19 item 53-i	3.00	each		
					TOTAL	

Contractor

Executive Engineer

**ESTABLISHMENT OF STUDENT FACILITATION CENTER AT PARS CAMPUS, UNIVERSITY OF AGRICULTURE,
FAISALABAD
ELECTRICAL WORK
D.N.I.T**

Sr. #	Ref. #	Description of work	Qty	Unit	Rate	Amount
1	Ch No. 24 item No. 3-(iii)	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. 25 mm i/d (1" dia size)	5000.00	Rft		
	Ch No. 24 item No. 6-(i)	(ii) 50 mm i/d (2" dia Size)	200.00	Rft		
2	Ch No. 24 item No. 10-a(i)	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):- 250/440 volts, PVC insulated: (i) 3/0.74 mm (3/0.029")	20000.00	Rft		
	Ch No. 24 item No. 10-a(iii)	(ii) 7/0.74 mm (7/0.029")	9000.00	Rft		
	Ch No. 24 item No. 10-a(v)	(iii) 7/1.12 mm (7/0.044")	7000.00	Rft		
	Ch No. 24 item No. 10-a(v)	(iv) 7/1.63 mm (7/0.064")	1000.00	Rft		

Contractor

Executive Engineer

3	Ch No. 24 item No. 13- d(x)	S/E of copper conductor cables for service connection, in prelaidd pipe/G.I. wire/trenches, etc. (rate for cable only):- PVC insulated, PVC sheathed 4 Core, 600/1000 volt armoured cable:- 120 mm sq (37/0.083)	300.00	Rft		
4	Ch No. 24 item No. 104- (i)	P/F PVC concealed Switch kit Box i/c the cost of screws complete as approved and directed by the Engineer Incharge. (i) Small	40.00	No		
	Ch No. 24 item No. 104- (ii)	(ii) Large	20.00	No		
5	Ch No. 24 item No. 103- a(ii)	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 / Schenider, screws complete as approved and directed by the Engineer Incharge:- One way Gange Switch (i) Small 02 Gange	10.00	No		
	Ch No. 24 item No. 103- a(i)	(ii) Large 04 Gange	5.00	No		
	Ch No. 24 item No. 103- a(iii)	(iii) Large 06 Gange	20.00	No		
	Ch No. 24 item No. 103- a(iv)	(iv) Small Three pin Light Plug 10/13 Amp	40.00	No		

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	Ch No. 24 item No. 103- a(viii)	(v) Small Three Pin Power Plug 15-32 Amp	20.00	No		
	Ch No. 24 item No. 103- a(vi)	(vi) Small Fan Dimmer	48.00	No		
6	Ch No. 24 item No. 39- (i)	S/E of button holder. bakelite large size	40.00	No		
7	N.S	S/E of LED Executive Pannel Light (2x2)	170.00	No		
8	Ch No. 24 item No. 102- a-ii	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. Plastic body 12 " dia	6.00	No		
9	N.S	S/E of Wall bracket fan 18" size	40.00	No		
10	N.S	S/E of LED flood light 100 watt (Agree Made)	10.00	No		
11	Ch No. 24 item No. 90- a(ii)	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). (2x2.2x.5)x4= 10 CFT	7.00	cft		

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12	Ch No. 24 item No. 87- a-ii	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) 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. Tripple Pole (i) 15-100 Amp (10 KA,15KA)	8.00	No		
	Ch No. 24 item No. 87- a-ix	(ii) 200-250 Amp(36 KA)	1.00	No		
13	Ch No. 24 item No. 86- a(ii)	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 screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge. Single Pole: 6-40 Amp (6 KA)	70.00	No		
14	Ch No. 24 item No. 91- a(i)	P/F floor mounted Electric Panel board of required depth and size, fabricarted with 14 SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electrostatic powder coating in approved colour i/c the cost of Lock, Indication lights, Brass glands, Netural & Earth bar, Digital voltmeter/Ampmeter, Slector swichs, Current Transformers, Controles, Channels, Copper busbars of specified capacity, Door Earthing, complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately). LT Switchboards: (4'x5'x2')= 40 cft	30.00	No		

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15	Ch No. 3 item No. 44	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. (2'x3'x500')= 3000 Cft	3000.00	"/,cft		
16	Ch No. 10 item No. 7	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1:5 (0.75x500')= 375 Sft	375.00	sft		
17	Ch No. 3 item No. 13-a	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel (2'x3'x500')= 3000 Cft	3000.00	"/,cft		
				Total		

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