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. 2. 3.	**Repair of toilet blocks, Sewerage System and water supply system at Kahkashan Hall No.1 UAF.** **Repair and Maintenance work to Kahkashan Hall** **Repair and Maintenance of Electric Work to Kahkashan Hall UAF.**
2	Estimated cost		PKR:2.240Million/-4.388Million/-2.490Milllion/-
3	Time for completion		03- Months
4	Amount of Bid Security		PKR---------- Million (s)
5	Issued to		---------- ---------- ----------
6	Pre-tender conference		----------
7	Dead Line for submission of Tender		18-07-2017 up to 02:00pm------
8	Opening of Tender		19-07-2017 up to 02:30pm----------
9	Issued by		Executive Engineer, University of Agriculture, Faisalabad.

Signature:----------

Date:----------

OFFICE STAMP

Contractor **Engineer In-charge**

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 issued

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 quarter 2017 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 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.

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-m-charge prior to the prescribed deadline for submission of tenders. The tenderer's modification or notice of withdrawal shall be prepared, sealed, marked and delivered, with the inner envelopes additionally marked "MODIFICATION or WITHDRAWAL as appropriate .No tender may be modified subsequent to the deadline for submission of tender. Withdrawal of a tender during the interval between the deadline for submission of tenders and the expiration of the period of tender validity i.e. sixty (60) days as specified by the tenderer in the Form of Tender may result in the forfeiture of the tender security.

19. The tenderer shall submit the original Tender Documents complete in all respects and keep a copy of the tender for his own record. The original should be sealed in an inner ant an outer envelope, duly marking the envelops as “ORIGINAL”. The inner and outer envelops shall (a) be addressed to engineer-in-charge (b) and bear the following identification: Tender for (Name of Contract),(Reference Number of Tender),and the words “DO NOT OPEN BEFORE (Time and Date, set for opening)”.The inner envelops shall indicate the name and address of the tenderer to enable the tender to be returned unopened in case it is declared to have been received late or is otherwise unacceptable. If the outer envelope is not sealed and marked and instructed above, the Engineer-in-charge will assume no responsibility for the misplacement or premature opening of the tender submitted. A tender opened prematurely because of improper identification will be rejected.

20. The tenderer shall indicate in the space provided in the tender his full and proper address at which notice may be legally served on him and to which all correspondence in connection with his tender and the contract is to be sent.

21. The presentation of a tender implies full acceptance on the part of the tenderer of these instructions and all other conditions set forth in the contract document.

22. Any tender received by the Executive Engineer (Engineer-in-charge) after the

deadline for submission offenders prescribed in the Notice Inviting Tenders will be returned unopened to the tenderer.

23. The Engineer-in-charge or his duly authorized officer (not below the rank of Assistant Engineer) will open tenders in the presence of intending tenderers or their authorized agents, who may be present at the time. The officer opening the tender will announce the names of the tenderer, tender rates and the presence of requisite tender security.

24. Promptly after the opening of Tenders, the Engineer-in-charge will undertake a detailed evaluation of tenders. The Engineer-in-charge will determine whether each tender is substantially responsive to the requirements of the tender documents and conforms to all the terms, conditions and specifications of the tender documents 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%

Contractor **Engineer In-charge**

27. The Engineer-in-charge shall have the right of the rejecting all or any of the tenders without assigning any reason thereof. The Engineer-in-charge will not be bound to award the contract to the lowest or to any other tenderer.

28. The unit rates and prices entered in the bid schedule will be the rates at which the contractor will be paid (subject to the adjustment specified in clause 55 of the annexed conditions) and shall be deemed to include all costs of performing the work, including income tax, super tax and/or other charges, duties and taxes of the Government, autonomous, semi-autonomous and local bodies, profits and costs of accepting the general risk, liabilities and obligations set forth in or implied from the contract.

29. Prior to the expiration of the period of tender validity (60 days) prescribed in the Tender Form or any extension thereof that may have been granted by the tenderer, the Engineer-in-charge will notify the successful tenderer by cable and confirm in writing by registered letter that his tender has been accepted. This letter of acceptance shall name the sum which will be paid in consideration of the execution, completion and maintenance of the works as prescribed in the contract, (hereinafter called the contract price). The notification of award will constitute the formation of the contract.

30. At the time, the Engineer-in-charge notifies acceptance of the tender to the tenderer he will send the tenderer the Form of Agreement provided in the tender documents, incorporating all agreements between the parties. Within fifteen (15) days of receipt of the of Agreement, the successful tenderer shall furnish the performance security (10% of the Contract Price) and sign t!*e contract m the presence of the Engineer-in-charge.
31. After the successful tenderer has signed the -contract famished adequate performance security the Engineer-in-charge will notify to the un-successful tenderers that they were unsuccessful.

32. The completion period will be reckoned from the date of delivering the award or the handing over of the site to the contractor, whichever is later.

33. A copy of the contract agreement may be obtained by the contractor at his own cost..

Contractor **Engineer In-charge**

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.....Bank .....Branch .....)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

Contractor **Engineer In-charge**

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)

Dated this ……Day
NAME…….....

Of ……..……20…
*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 **Engineer In-charge**

MEMORANDUM OF WORK

a)	General Description	**Repair of toilet blocks, Sewerage System and water supply system at Kahkashan Hall No.1 UAF.** **Repair and Maintenance work to Kahkashan Hall** **Repair and Maintenance of Electric Work to Kahkashan Hall UAF.**
b)	Estimated Cost	PKR:2.240Million/-4.388Million/-2.490Milllion/-
c)	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)	Rs. 44,800/- Rs.87,760/- Rs. 49,800/-
d)	Percentage of security deposit to be retained form 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 millions 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.

Contractor **Engineer In-charge**

REPAIR OF TOILET BLOCKS, SEWERAGE SYSTEM AND WATER SUPPLY SYSTEM AT KAHKASHAN HALL NO. 1 UAF (MRS First Bi-Annual 2017)							
Sr. #	Ref. #	Description of work	Qty	Unit	Rate	Unit	Amount
1	Page 35 item 19-C	Dismentalling PCC 1:2:4 **Block A & B:** 16 attached bathrooms (size 6.75x6.25) Floor: 16.00x6.75x6.25x0.25 =168.75 cft outside: 16.00x3.00x 3.00x0.25 =36.00 cft **Block C:** 2.00x13.16x8.00x0.25 = 52.64 cft **Old Block**: 2 toilet blocks (size 15.50x15') 2.00x15.50x15.00x0.25 =116.25 cft Total: 373.64	373.64	cft		'/,cft	
2	Page 34 item 14	Dismentalling brick work **Block C:** 6.00x3.50x0.38x9.00= 71.82 cft **Old Block:** 2.00x3.00x4.50x0.38x9.00=92.34 cft Front wall: 2x2x7x0.75x9' =189 cft Total: =353.16	353.16	cft		'/,cft	
3	Page 35 item 19-A	Dismentalling PCC 1:4: 8 **Block A & B**: 16 attached bathrooms (size 6.75x6.25) Floor: 16.00x6.75x6.25x0.33 =222.75 cft outside: 16.00x3.00x 3.00x0.33 =47.52 cft **Block C:** 2.00x13.16x8.00x0.33 = 69.48 cft **Old Block**: 2 toilet blocks (size 15.50x15') 2.00x15.50x15.00x0.33 =153.45 cft Total: 493.2	493.2	cft		'/,cft	

Contractor **Engineer In-charge**

4	Page 51 item 4-I	Pacca brick work in foundation 1:4 ratio **Block C:** LW: 2x2x9x0.75x2 =54 cft SW: 2x2x3.50x0.75x2 =21 cft **Old Block**: LW: 2x2x15x0.75x2 =90 cft SW: 2x3x4.50x0.75x2 =40.50 cft Total: =205.5	205.5	cft		'/,cft	
5	Page 47 item 33-a	P/laying damp proof cource of cement concrete 1:2: 4 ratio 1-1/2" thick **Block C:** LW: 2x2x9x0.75 =27 sftSW: 2x2x3.50x0.75 =10.50 sft**Old Block**:LW: 2x2x15x0.75 =45 sftSW: 2x3x4.50x0.75 =20.25 sftTotal: =102.75	102.75	sft		'/,cft	
6	Page 52 item 5-i	Pacca brick work in ground floor 1:4 ratio **Block C:** 2x2x4x0.38x7=42.56 2x2x3.5x0.38x7=37.24 **Old Block**: 2x2x5x0.38x7=53.20 2x3x4.5x0.38x7=71.82 Total: =204.82	204.82	sft		'/,sft	
7	Page 135 item 27-c	P/F of PVC pipe 4" dia D-class working presurre i/c of fittng material **Block A & B:** For one bathroom 3+4+2+2+10+10=31 For 16 bathrooms= 16x31 =496 rft **Block C:** For one bathroom 10+2+3+4=19 For 6 bathrooms= 6x19 =114 rft **Old Block:** Set No. 1: 2x2x16 =64 rft Set No. 2: 2x2x18 =72 rft **Kitchen**: 1x15 =15 rft **Mess Hall**: 10+10 = 20 rft Total = 781 rft	781	rft		rft	

Contractor **Engineer In-charge**

8	Page 135 item 27-e	P/F of PVC pipe 6" dia D-class working presurre i/c of fittng material out side of toilet blocks: 15+15+10+20=60 rft	60	rft		rft	
9	NS:copy attached	P/F of earthern wear water closet orisa pattern full size, 3 star or equivalent **Block A** =8 Nos. **Block B**= 8 Nos. **Block C** = 2 Nos. **Old Block**=3 Nos. Total= 21 Nos.	21	No		No	
10	Page 117 item 4-ii	P/F of flush bend PVC 1-1/2" dia good quality Qty as per item no. 9	21	No		No	
11	NS:copy attached	P/F of couple set i/c of flush tank bakelite sheet with cover, and fitting material, three star or equivalent **In old Block**	2	No		No	
12	Page 138 item 37-i-b	P/F of PVC bend 4" dia d-class working presurre **Block A & B:** 16x4 =64 **Block C:** 8x2 =16 **Old Block:** 2x10 =20 Total: =100	100	No		No	
13	NS:copy attached	P/F of flush tank 3 gallons capacity low down, plastic made i/c fitting material, master made or equivalent Qty as per item no. 9	21	No		No	
14	NS:copy attached	P/F of PPRC pipe 32 mm with fittings dadex or equivalent **Block A & B**: for one bathroom: 9+9+6.50+6.50+3+2.50+3+3+4+4=50.5 For 16 Nos. of bathroom: 16x50.5 =808 **Block C:** 13+13+8+8+6+6+6+4+4 =68 Toilets: 13+8+3+3+3+2+2+2+4+3 =43 **Old Block:** **Set One**:11+11+15+15+15+15+20 =102 **Set Two**: 11+11+15+15+15+15+20 =102 Total =1123	1123	rft		rft	

Contractor **Engineer In-charge**

15	NS:copy attached	P/F of PPRC pipe 25 mm with fittings dedux or equivalent **Block A & B:** for one bathroom: 2.50+2.50+2+1+1+=9 For 16 Nos. of bathroom: 16x9 =144 **Block C**: 3x8 =24 Toilets: 3x2 =6 **Old Block:** **Set One**: 3+3+2+2+1x8+3+3+3+3 =30 **Set Two**: 3+3+2+2+1x8+3+3+3+3 =30 Total =234	234	rft		rft	
16	NS:copy attached	P/F of glazed P-Trap 4" dia full size 3 star or equivalent **Block A & B**: 16x2 =32 **Block C**: 6+3+2 =11 **Old Block**: 4+4+2 =10 **Mess:** =3 **Kitchen**: =1 Total = 57	57	No		No	
17	NS:copy attached	P/F of PPRC threaded elbow 32x1/2**Block A & B**: 16x8 =128**Block C**: 8x2 =16**Old Block**: 2x16 =32**kitchen :** 1x4 =4Total: 180	180	No		No	
18	NS:copy attached	P/F of PPRC threaded elbow 32x1" For Geyser: 1x8=8	8	No		No	
19	NS:copy attached	P/F of floor trap jali 6"x6" i/c of double frame complete **Block A & B:** 16x1 =16 Nos. **Block C:** 8x1 =8 Nos. **Old Block:** 2x3 =6 Nos. **Kitchen:** 2x1 =2 Nos. Total =32 Nos.	32	No		No	

Contractor **Engineer In-charge**

20	Page 42 item 5-i	PCC 1:4:8 in bed of bathrooms **Block A &B**: 16x6.75x6.25x4" =222.75 cft **Block C:** 2x13x8x4" =68.64 cft **Old block**: 2x15x15.50x4" =153.45 cft Total: = 444.84 cft	444.84	cft		'/,cft	
21	Page 42 item 5-f	PCC 1:2:4 in bed of bathrooms **Block A & B**: 16x6.75x6.25x0.21=141.75 cft **Block C**: 2x13x8x0.21 =43.68 cft **Old Block**: 2x15x15.50x0.21 =97.65 cft Total =283.08 cft	283.08	cft		'/,cft	
22	NS:copy attached	P/F of Tile 16"x16" on floor i/c of cutting, placing, filling, finishing, complete in all respect master made or equivalent grey nite **Block A, B**: 16x6.75x6.25 =675 sft **Block C:** 2x13x8 =208 sft **Old Block:** 2x15x15.50 =465 sft Total =1348 sft	1348	sft		'/,sft	
23	NS:copy attached	P/F of Tile 12"x18" on walls i/c of cutting, placing, filling, finishing, complete in all respect master made or equivalent glazed tile**Block A, B:** LW:16x2x6.75x7 =1512 sftSW: 16x2x6.25x7 =1400 sft**Block C:** LW:2x2x13x7 =364 sftSW:2x2x8x7 =224 sftPW:2x4x3.50x7 =196 sftPW:2x2x4.50x7 =126 sft**Old Block**: SW:2x2x15x7 =420 sftLW:2x2x15.50x7 =434 sftPW:2x6x4.50x7 =378 sftPW2x2x7.83x7 =219 sftTotal =5273 sft	5273	sft		sft	

Contractor **Engineer In-charge**

24	Page 76 item 7+ page 77 item 14-a-page 79 item 27-b	First class deodar wood wrought joinery in doors and windows etc. panelled or panelled or glazed, or fully glazed fixed in position i/c MS chowkat,angle iron 1-1/2x1-1/2x1/4 complete Old Block: 8x2.50x6=120 sft	120	sft		sft	
25	NS:copy attached	P/F of powder coated tee cock 1/2" dia sonex or equivalent **Block A, B:** 16x3 =48 Nos. **Block C: 3**x1 =3 Nos. 2x2 =4 Nos. **Old Block**: 2x10 =20 Nos. Total =75 **Nos.**	75	No		No	
26	NS:copy attached	P/F of powder coated bib cock 1/2" dia sonex or equivalent **Block A, B**: 16x1 =16 Nos. Block C: 2x1 =2 Nos. **Old Block**: 3x1 =3 Nos. **Kitchen**: 2x1 =2 Nos. **mess**: 1x2 =2 Nos. Total =25 Nos.	25	No		No	
27	NS:copy attached	P/F of wash hand basin 16"x22" white with padestal i/c of waste pipe, waste coupling, bracket set etc. **Block A, B:** 16x1 =16 Nos. **Block C:** 1x2 =2 Nos. **Old Block**: 1x8 =8 Nos. Total =26 Nos.	26	No		No	
28	NS:copy attached	P/F of wall shower set 1/2" dia with fittings sonex or equivalent **Block A, B**: 16x1 =16 Nos. **Block C:** 1x3 =3 Nos. **Old Block**: 1x4 =4 Nos. Total =23 Nos.	23	No		No	

Contractor **Engineer In-charge**

29	NS:copy attached	P/F of mixing valve for wash hand basin 1/2" dia powder coated sonex or equivalent **Block A, B:** 16x1 =16 Nos. **Block C**: 1x2 =2 Nos. **Old Block:** 1x8 =8 Nos. Total =26 Nos.	26	No		No	
30	NS:copy attached	P/F of CP nipple 1/2"x2" dia with fittings **Block A, B:** 16x6 =96 Nos. **Block C:** 8x2 =16 Nos. **Old Block**:16x2 =32 Nos. **Kitchen:** 1x4 =4 Nos. **Mess:** 1x4 =4 Nos. Total =152 Nos.	152	No		No	
31	Page 161 item 39	Making and repairing to khudda i/c of repairing material **Block A, B:** 16x4 =64 Nos. **Block C:** 2x4 =8 Nos. **Old Block**:2x8 =16 Nos. Total =88 Nos.	88	No		No	
32	Page 122 item 7-b	Construction of gully grating chamber 12"x12"x12" i/c of RCC manhole cover **Block A, B**: 16x1 =16 Nos. **Block C**: 7x1 =7 Nos. **Old Block:**2x4 =8 Nos. **Kitchen**: 2x1 =2 Nos.**Mess**: 2x1 =2 Nos. Total =35 Nos.	35	No		No	

Contractor **Engineer In-charge**

33	NS:copy attached	P/F of handle cock 3/4" dia good quality with fittings **Block A, B:** 16x2 =32 Nos. **Block C**: 2x2 =4 Nos. **Old Block**:2x2 =4 Nos. Total =40 Nos.	40	No		No	
34	Page 35 item 20	Dismentaling RCC 1:2:4 for top slab of manhole cover 5x5.50x4.50x0.50=61.87 sft	61.87	sft		'/,sft	
35	Page 52 item 7-i	BB work 1:4 other than building for manholes LW: 5x2x5.50x0.75x2=82.50 cft SW: 5x2x3x0.75"x2=45.00 cft Total: =127.50 cft	127.50	cft		'/,cft	
36	Page 72 item 9-b+page 72 item 13	Cement sand plaster 1/2" thick 1:4 ratio after floating coat Inside: 5x2(4+3)3 =210 sft Outside: 5x2(5.50+4.50)3 =300 sft Total =510 sft	510	sft		'/,sft	
37	Page 42 item 6-a(2)	RCC 1:1-1/2:3 for top slab of man hole 5x5.50x4.50x0.50 =61.87 Deduction: 5x0.785x4x0.50 =7.85 Total =54.02	54.02	sft		sft	
38	Page 44 item 9-b	Fabrication of mild steel 1/2" deformed grade 40 54.02x3=162.06	162.06	sft		'/,sft	
39	Page 123 item 16-a	P/F 6" thick RCC manhole cover with CI frame 37.324 kg complete	5	No		No	

Contractor **Engineer In-charge**

40	Page 32 item 42-I	Excavation in ordinary soil for sewerage line 1x70x2.50x3' =525 cft 1x40x2.50x3.50 =350 cft Total: =875 cft	857	cft		"/,cft	
41	Page 120 item 1-III	P/F o of RCC pipe line 9" dia i/c of carriage, cutting lowering, fitting etc. 80+30=110'	110	rft		rft	
42	Page 133 item 22-II-b	P/F of GI pipe 3/4" dia with fitting material medium quality complete 50'+60'+45'+55'+36'=246	246	rft		rft	

Contractor **Engineer In-charge**

REPAIR AND MAINTENANCE OF ELECTRIC WORK TO KAHKASHAN HALL UAF							
Sr.	Ref. #	Description	Qty	Unit	Rate	Unit	Amount

Contractor **Engineer In-charge**

	Ch. 24 item 3-II	S/E of PVC pipe 1'' dia for wiring on surface i/c boxes, bends, tees. Completes in all respect (papular/beta/approved by Engineer incharge Munshi Room= 10'+10'+10'10' dowing : 10'+10' store +bathroom : 5'+5'+5'+5'+5'+5' dowing: 10+10 A&B wing 16 nos. rooms 16{12'+12'+12'+12+8'+10'+8) Atacched bath 16 No. 16(7'+7'+4'+4') gallary in A & B wing: 2(56') veranda A & B wing: 2(100'+10') Entrance verada: 33' stairs: 13'+11'+13' Downing: 13' study rooms: 100'+100' Dowing Halll: 40'+40' Downing: 8'+8'+8'+8' cooking area: 35'+35'+34'+34' main pipe: 80'+8'+10'+(10'+10') Downing: 10'+10'+10'+10'+10'+10'+8'+10' BDB to room for circuit supply 16 No. rooms: 2(8'+40'+8'+12'+12'+8'+8')x16 Front area: 100'+100' Wing-C, 6 Nos. of rooms (12'+8') Downing: (10'+10'+8'+4')x6 Main circuit pipe:(40)x6 Toilet set in C-winig 2 Nos. (15'+10')x2 Downing: (4'+4'+4'+4)x2	15967	rft		rft	

Contractor **Engineer In-charge**

		gallery in ceiling: 40'+10'+8' Sewwing centre wing 12 No. of room {20'+20'+(10')x4' 15+15}x12 Old wing/U-wing in 22 room inside rooms (20'+20')x22 Downing: (8'+10'+10'+10'+10')x22 rooms main pipe : (8'+76'+8'+20'+20')x22 rooms in 10 rooms inside :(25+28+25+28)x10 Downing: 10'x8 circuit pipe to rooms in old wing Room No. 1 to 38: (66+53+29+15)+(66+53+29+15)+(15+30+45)+ (15+30+45)+(20+35+50)+(20+35+50)+(10+36+55)+ (10+30) circuit pipe to sewing centre room 12 no (20+35+30+20+20+10+20)+(30+10+10+15+25+10)+(8+8+20+10) in veranda of old wing: 140+88+140 for garden lights in old wing: 160+80+160+80 garden light front of dinning hall: 50+40					

Contractor **Engineer In-charge**

2	Ch. 24 item 6-I	S/E of PVC PIPE 2" dia for wiring on surface i/c boxes, bends, tees. Completes in all respect (papular/beta/approved by Engineer inchargefrom main panel to BDBs for sub main supply New wing A &B {(30+55+8+8+33+8)+(30+55+8)}x2Dinning hall: 5+30+8Sewing centre: 120+150+95Old wing: 8+135+106+8	1135	rft		rft	

Contractor **Engineer In-charge**

3	Ch. 24 item 10-a-i	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 3/029 s/core Munshi room: 2(10)+4(10)+6(5)+8(5) 2(10)+4(10)+6(5)+8(5) 2(5)+4(5)+6(5)+2(5+5)=340 in new wing A & B in 16 no. rooms: 16(400)+2(440)/veranda+2(112)/gallary in wing-C 6 No. of rooms: 6(400)+150/gallary in sewing centre 12 rooms : 12(400)+350/veranda in old wing 38 nos. room: 38(400)+(280+200+280/gallary + veranda) Outer area: 300+350+200 common room: 650+150 main entrance near gate: 200+200 toilet block: 600+600+600 toilet in wing-C: 450+450 Dinning hall: 350+300 cooking area: 400+300 E/wire in all room: 2000	39604	rft		rft	

Contractor **Engineer In-charge**

4	Ch. 24 item 10-a-iii	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/029 s/corecircuit from BDB to room 16 nos. in wing A &B: 4(10+42+10+12+12+10+14)Cooking area: 4(80+80+10)x16Front area: 2(100+100)wing C: 4(40+10+10)x6 roomstoilet in wing-C 2 Nos: 2(40+10+10)x2gallary wing-C: 2(40+10+10)sewing centre: (40+60+80+30)+(50+55+30+35)+(80+60+70+70+96)+(90+40+30)BDB to 38 nos of rooms in old wing: {8(66)+8(53)+8(30)+8(15)}+{8(15)+18(30)+8(53)+8(66)}+{8(15)+8(30)+8(45)}{4(20)+4(35)+4(50)}+{4(20)+4(35)+4(50)}+{4(10)+4(36)+4(55)}Circuit to common room +study room: 6(100+50+30)x2 roomsEntrance +munshi room+outer area+outer light+veranda+toilet set etc.: (300+200+100)+(100+300+180)+(180+135+135)	19514	rft		rft	

Contractor **Engineer In-charge**

5	Ch. 24 item 10-a-v	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/044 s/core For power plug for water cooler and water pump etc where required also ironing point	800	rft		rft	
6	Ch. 24 item 10-a-vi	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/064 s/core from main panel to BDB for sub main wing A &B: {5(30+55+8+8+33+8)+5(30+55+8)}x2 side of veranda D/hall: 5(5+30+8) main to BDB in sewing centre: 5(120)+5(150)+5(95) M/P old wing BDB: 5(8)+5(135)+5(106)+5(8)	5675	rft		rft	

Contractor **Engineer In-charge**

7	Ch. 24 item 39-i	S/E of button holder bakelite munshi room: 3A+B wing 16 rooms: 16x2veranda of A & B wing : 9+9gallary A,B wing : 4+4Entrance: 4stairs: 2D/Hall: 6cooking area: 8main gate entrance: 4outer area :18room no. 12 in sewing centre: 12+12old wing in room no. 38: 38+38toilet sets in old wing: 6+6+6toilet set in wing-C + gallery : 4+4+4veranda in old wing: 9+6+10+4common room+study room: 10+10Wing-C room no. 6 : 2+2+2+2+2+2	291	No.		No.	

Contractor **Engineer In-charge**

8	NS: 002-i-75	S/E of energy saver 23 watt philiphs munshi room: 3 A+B wing 16 rooms: 16x2 veranda of A & B wing : 9+9 gallary A,B wing : 4+4 Entrance: 4 stairs: 2 D/Hall: 6 cooking area: 8 main gate entrance: 4 outer area :18 room no. 12 in sewing centre: 12+12 old wing in room no. 38: 38+38 toilet sets in old wing: 6+6+6 toilet set in wing-C + gallery : 4+4+4 veranda in old wing: 9+6+10+4 common room+study room: 10+10 Wing-C room no. 6 : 2+2+2+2+2+2	291	N o.		N o.	

Contractor **Engineer In-charge**

9	Ch. 24 item 43-ii	S/E of 40 watt tube light i/c choke, rod, starter and frame etc. complete in all respect (philiphs made)Munshi room: 1A,B wing 16 rooms: 16x2D/hall: 6cooking area: 4sewing centre room no. 12: (12x2)old wing 38 room : 38x2common+study room :5+5wing-C room no. 6: 6Old wing veranda: 6+4+6	175	No.		No.	

Contractor **Engineer In-charge**

10	Ch. 24 item 32-ii	S/E of switch piano 10-15 amp recessed approved by engineer incharge A, +B wing 16 Nos. rooms: 14x16 munshi room +bath+store: : 6+2+2 gallary A,B wing: 6X2 veranda A,B wing: 12X2 entrance veranda: 8 stair: 4 D/Hall+cooking area: 18+8 main gate entrance : 12 wing-C room no. 6 : 10x6 toilet set in old wing +wing-C: (18+18+18+6+6) sewing centre room no. 12: (18x12) old wing 38 room: (18x38) old wing veranda : (12+10+12) common +study room: (20+20)	1438	No.		No.	

Contractor **Engineer In-charge**

11	Ch. 24 item 34	S/E of 5 amp wall socket recessed approved by engineer incharge munshi room +bath+store: : 2+1+1 A,B wing in rooms no. 16: 6x16 gallary A,B wing: 2x2 veranda A,B wing: 4x2 entrance veranda: 2 stair: 1 D/Hall+cooking area: 6+6 main gate entrance : 4 wing-C room no. 6 : 6x6 toilet set in old wing +wing-C: 2+2+2+1+1 sewing centre room no. 12: 8x12 old wing 38 room: 10x38 old wing veranda : 2+2+2 common +study room: 6+6	669	No.		No.	

Contractor **Engineer In-charge**

12	Ch. 24 item 30	S/E of ceiling rose bakelite munshi room +bath+store: : 3Room No. 16 A,B wing: 4x16C-wing room no. 6: 6X2D/Hall+cooking area: 10+10main gate entrance : 2+2wing-C room no. 6 : 10x6toilet set: 4+4+4+2sewing centre room no. 12:5x12old wing 38 room: 5x38old wing veranda : 3+3+3common +study room: 8+8	452	No.		No.	
13	Ch. 24 item 36-i	S/E of switch and plug combined 5 amp (approved by engineer incharge) Munshi room: 1 A,B wing 16 room: 1x16 sewing centre 12 room: 1x12 old wing 38 no. room: 1x38 common room+study : 2+2 D/HALL+cooking area: 2+2	75	No.		No.	

Contractor **Engineer In-charge**

14	Ch. 24 item 36-ii	S/E of switch and plug combined 10-15 amp (approved by engineer incharge) for water cooler and ironing points: 4+3+2+2+2+3+3	19	No.		No.	
15	Ch. 24 item 14-i	S/E of MS sheet box 16 SWG with bakelite sheet I/c making holes, complete in all respect 7''x4'' size	339	No.		No.	
16	Ch. 24 item 14-ii	S/E of MS sheet box 16 SWG with bakelite sheet I/c making holes, complete in all respect 8''x10'' size	213	No.		No.	
17	NS: 004-15	S/E of PVC duct (16x25) size (Adamjee Brand) in rooms /veranda etc.: (4x9x2)+(5)x5 5'+5'+5'+(5'+5')x16+(4'+4')x2(4')x9x2+(5')+10'x6 (5'+5'+5')x38+5'+5'+5'+5'+5'+(5')x6+115'	1088	rft		rft	

Contractor **Engineer In-charge**

18	NS: 1911-37	S/E of exhaust fan (lahore fan) 12'' size iron body with shulterin 66 nos. of rooms (in each room). : 66in bathroom A, B wing 16 No. one in each: 16in dinnnging hall+cooking area: 7in common +study room: 4munshi room bath: 1	24	No.		No.	
19	NS: 839-31	S/E of exhaust fan (lahore fan) 18'' size iron body In Tandoor area: 1+1 in cooridor old wing : 1+1+1+1 in toilet set: 1+1+1+1+1+1	12	No.		No.	
20	NS: 004-I	S/E of fan dimmer (approved by engineer incharge)	182	No.		No.	

Contractor **Engineer In-charge**

21	NS: approved	S/E of LED flood light 100 watt AKS, china made with USA chip Front area: 1+1+1 Front of A,B wing:1+1 Front of C-wing: 1 Lawn near D/H :1 Lawn front of common room:1 Central lawn in old wing: 1+1+1 Front of sewing centre: 1+1	13	No.		No.	
22	NS: approved	S/E of BDB (18''x24'') size 16 SWG i.c one no. MCCB 100 amp T/P Tarasaki made, 12 No. C/B 6/32 amp S/P, 3 Nos. indicating lights, voltmeter, selector switch, door lock complete in all respect A, B, C wing: 1+1+1+1+1 D/Hall: 1 sewing centre: 1+1+1 Old wing: 1+1+1+1+1+1	15	No.		No.	

Contractor **Engineer In-charge**

23	NS: approved	S/E of main control panel 4'x4' size 16 SWG i/c one no. MCCB 300-400 amp T/P Tarasaki made, 6 No. sub MCCB, 100 amp T/P Tarasaki made, voltmeter, amp meter, selector for V/A, CT 300/5amp copper bars complete in all respect A,B wing:1Old wing: 1	2	No.		No.	
24	NS: 839-28	Special earthing of main panels up to deep water level complete in all respect old wing; 1	100	No.		No.	

Contractor **Engineer In-charge**

REPAIR AND MAINTENANCEC WORK TO KAHKASHAN HALL UAF							
Sr.	Ref. #	Description	Qty	Unit	Rate	Unit	Amount

Contractor **Engineer In-charge**

1	Ch. 24 item 3-II	S/E of PVC pipe 1'' dia for wiring on surface i/c boxes, bends, tees. Completes in all respect (papular/beta/approved by Engineer incharge Munshi Room= 10'+10'+10'10' dowing : 10'+10' store +bathroom : 5'+5'+5'+5'+5'+5' dowing: 10+10 A&B wing 16 nos. rooms 16{12'+12'+12'+12+8'+10'+8) Atacched bath 16 No. 16(7'+7'+4'+4') gallary in A & B wing: 2(56') veranda A & B wing: 2(100'+10') Entrance verada: 33' stairs: 13'+11'+13' Downing: 13' study rooms: 100'+100' Dowing Halll: 40'+40' Downing: 8'+8'+8'+8' cooking area: 35'+35'+34'+34' main pipe: 80'+8'+10'+(10'+10') Downing: 10'+10'+10'+10'+10'+10'+8'+10' BDB to room for circuit supply 16 No. rooms: 2(8'+40'+8'+12'+12'+8'+8')x16 Front area: 100'+100' Wing-C, 6 Nos. of rooms (12'+8') Downing: (10'+10'+8'+4')x6 Main circuit pipe:(40)x6 Toilet set in C-winig 2 Nos. (15'+10')x2 Downing: (4'+4'+4'+4)x2	15967	rft		rft	

Contractor **Engineer In-charge**

		gallery in ceiling: 40'+10'+8' Sewwing centre wing 12 No. of room {20'+20'+(10')x4' 15+15}x12 Old wing/U-wing in 22 room inside rooms (20'+20')x22 Downing: (8'+10'+10'+10'+10')x22 rooms main pipe : (8'+76'+8'+20'+20')x22 rooms in 10 rooms inside :(25+28+25+28)x10 Downing: 10'x8 circuit pipe to rooms in old wing Room No. 1 to 38: (66+53+29+15)+(66+53+29+15)+(15+30+45)+ (15+30+45)+(20+35+50)+(20+35+50)+(10+36+55)+ (10+30) circuit pipe to sewing centre room 12 no (20+35+30+20+20+10+20)+(30+10+10+15+25+10)+(8+8+20+10) in veranda of old wing: 140+88+140 for garden lights in old wing: 160+80+160+80 garden light front of dinning hall: 50+40					

Contractor **Engineer In-charge**

2	Ch. 24 item 6-I	S/E of PVC PIPE 2'' dia for wiring on surface i/c boxes, bends, tees. Completes in all respect (papular/beta/approved by Engineer inchargefrom main panel to BDBs for sub main supply New wing A &B {(30+55+8+8+33+8)+(30+55+8)}x2Dinning hall: 5+30+8Sewing centre: 120+150+95Old wing: 8+135+106+8	1135	rft		rft	

Contractor **Engineer In-charge**

3	Ch. 24 item 10-a-i	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 3/029 s/core Munshi room: 2(10)+4(10)+6(5)+8(5) 2(10)+4(10)+6(5)+8(5) 2(5)+4(5)+6(5)+2(5+5)=340 in new wing A & B in 16 no. rooms: 16(400)+2(440)/veranda+2(112)/gallary in wing-C 6 No. of rooms: 6(400)+150/gallary in sewing centre 12 rooms : 12(400)+350/veranda in old wing 38 nos. room: 38(400)+(280+200+280/gallary + veranda) Outer area: 300+350+200 common room: 650+150 main entrance near gate: 200+200 toilet block: 600+600+600 toilet in wing-C: 450+450 Dinning hall: 350+300 cooking area: 400+300 E/wire in all room: 2000	39604	rft		rft	

Contractor **Engineer In-charge**

4	Ch. 24 item 10-a-iii	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/029 s/corecircuit from BDB to room 16 nos. in wing A &B: 4(10+42+10+12+12+10+14)Cooking area: 4(80+80+10)x16Front area: 2(100+100)wing C: 4(40+10+10)x6 roomstoilet in wing-C 2 Nos: 2(40+10+10)x2gallary wing-C: 2(40+10+10)sewing centre: (40+60+80+30)+(50+55+30+35)+(80+60+70+70+96)+(90+40+30)BDB to 38 nos of rooms in old wing: {8(66)+8(53)+8(30)+8(15)}+{8(15)+18(30)+8(53)+8(66)}+{8(15)+8(30)+8(45)}{4(20)+4(35)+4(50)}+{4(20)+4(35)+4(50)}+{4(10)+4(36)+4(55)}Circuit to common room +study room: 6(100+50+30)x2 roomsEntrance +munshi room+outer area+outer light+veranda+toilet set etc.: (300+200+100)+(100+300+180)+(180+135+135)	19514	rft		rft	

Contractor **Engineer In-charge**

5	Ch. 24 item 10-a-v	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/044 s/core For power plug for water cooler and water pump etc where required also ironing point	800	rft		rft	
6	Ch. 24 item 10-a-vi	S/E of PVC insulated copper conductor cable in pipes/trenches (newage/pioneer/Pakistan 7/064 s/core from main panel to BDB for sub main wing A &B: {5(30+55+8+8+33+8)+5(30+55+8)}x2 side of veranda D/hall: 5(5+30+8) main to BDB in sewing centre: 5(120)+5(150)+5(95) M/P old wing BDB: 5(8)+5(135)+5(106)+5(8)	5675	rft		rft	

Contractor **Engineer In-charge**

7	Ch. 24 item 39-i	S/E of button holder bakelite munshi room: 3A+B wing 16 rooms: 16x2veranda of A & B wing : 9+9gallary A,B wing : 4+4Entrance: 4stairs: 2D/Hall: 6cooking area: 8main gate entrance: 4outer area :18room no. 12 in sewing centre: 12+12old wing in room no. 38: 38+38toilet sets in old wing: 6+6+6toilet set in wing-C + gallery : 4+4+4veranda in old wing: 9+6+10+4common room+study room: 10+10Wing-C room no. 6 : 2+2+2+2+2+2	291	No.		No.	

Contractor **Engineer In-charge**

8	NS: 002-i-75	S/E of energy saver 23 watt philiphs munshi room: 3 A+B wing 16 rooms: 16x2 veranda of A & B wing : 9+9 gallary A,B wing : 4+4 Entrance: 4 stairs: 2 D/Hall: 6 cooking area: 8 main gate entrance: 4 outer area :18 room no. 12 in sewing centre: 12+12 old wing in room no. 38: 38+38 toilet sets in old wing: 6+6+6 toilet set in wing-C + gallery : 4+4+4 veranda in old wing: 9+6+10+4 common room+study room: 10+10 Wing-C room no. 6 : 2+2+2+2+2+2	291	No.		No.	

Contractor **Engineer In-charge**

9	Ch. 24 item 43-ii	S/E of 40 watt tube light i/c choke, rod, starter and frame etc. complete in all respect (philiphs made)Munshi room: 1A,B wing 16 rooms: 16x2D/hall: 6cooking area: 4sewing centre room no. 12: (12x2)old wing 38 room : 38x2common+study room :5+5wing-C room no. 6: 6Old wing veranda: 6+4+6	175	No.		No.	

Contractor **Engineer In-charge**

10	Ch. 24 item 32-ii	S/E of switch piano 10-15 amp recessed approved by engineer incharge A, +B wing 16 Nos. rooms: 14x16 munshi room +bath+store: : 6+2+2 gallary A,B wing: 6X2 veranda A,B wing: 12X2 entrance veranda: 8 stair: 4 D/Hall+cooking area: 18+8 main gate entrance : 12 wing-C room no. 6 : 10x6 toilet set in old wing +wing-C: (18+18+18+6+6) sewing centre room no. 12: (18x12) old wing 38 room: (18x38) old wing veranda : (12+10+12) common +study room: (20+20)	1438	No.		No.	

Contractor **Engineer In-charge**

11	Ch. 24 item 34	S/E of 5 amp wall socket recessed approved by engineer incharge munshi room +bath+store: : 2+1+1 A,B wing in rooms no. 16: 6x16 gallary A,B wing: 2x2 veranda A,B wing: 4x2 entrance veranda: 2 stair: 1 D/Hall+cooking area: 6+6 main gate entrance : 4 wing-C room no. 6 : 6x6 toilet set in old wing +wing-C: 2+2+2+1+1 sewing centre room no. 12: 8x12 old wing 38 room: 10x38 old wing veranda : 2+2+2 common +study room: 6+6	669	No.		No.	

Contractor **Engineer In-charge**

12	Ch. 24 item 30	S/E of ceiling rose bakelite munshi room +bath+store: : 3Room No. 16 A,B wing: 4x16C-wing room no. 6: 6X2D/Hall+cooking area: 10+10main gate entrance : 2+2wing-C room no. 6 : 10x6toilet set: 4+4+4+2sewing centre room no. 12:5x12old wing 38 room: 5x38old wing veranda : 3+3+3common +study room: 8+8	452	No.		No.	
13	Ch. 24 item 36-i	S/E of switch and plug combined 5 amp (approved by engineer incharge) Munshi room: 1 A,B wing 16 room: 1x16 sewing centre 12 room: 1x12 old wing 38 no. room: 1x38 common room+study : 2+2 D/HALL+cooking area: 2+2	75	No.		No.	

Contractor **Engineer In-charge**

14	Ch. 24 item 36-ii	S/E of switch and plug combined 10-15 amp (approved by engineer incharge) for water cooler and ironing points: 4+3+2+2+2+3+3	19	No.		No.	
15	Ch. 24 item 14-i	S/E of MS sheet box 16 SWG with bakelite sheet l/c making holes, complete in all respect 7''x4'' size	339	No.		No.	
16	Ch. 24 item 14-ii	S/E of MS sheet box 16 SWG with bakelite sheet l/c making holes, complete in all respect 8''x10'' size	213	No.		No.	
17	NS: 004-15	S/E of PVC duct (16x25) size (Adamjee Brand) in rooms /veranda etc.: (4x9x2)+(5)x5 5'+5'+5'+(5'+5')x16+(4'+4')x2(4')x9x2+(5')+10'x6 (5'+5'+5')x38+5'+5'+5'+5'+5'+(5')x6+115'	1088	rft		rft	

Contractor **Engineer In-charge**

18	NS: 1911-37	S/E of exhaust fan (lahore fan) 12'' size iron body with shulterin 66 nos. of rooms (in each room). : 66in bathroom A, B wing 16 No. one in each: 16in dinnnging hall+cooking area: 7in common +study room: 4munshi room bath: 1	24	No.		No.	
19	NS: 839-31	S/E of exhaust fan (lahore fan) 18'' size iron body In Tandoor area: 1+1 in cooridor old wing : 1+1+1+1 in toilet set: 1+1+1+1+1+1	12	No.		No.	
20	NS: 004-I	S/E of fan dimmer (approved by engineer incharge)	182	No.		No.	

Contractor **Engineer In-charge**