

BILL OF QUNATITIES

ENGINEER'S ESTIMATES

PREAMBLE

1. The items in Bill of Quantities/Engineer's Estimate consist of furnishing all plant, labor, equipment, machinery, appliances, materials, fittings fixtures and fabrication, erection, installation required for completing the items/ works and the work shall be done in accordance with Bill of Quantities/ Engineers' Estimate, Specifications and Drawings complete in all respect.
2. The Specifications Section which as a whole or part (depending upon Engineer's discretion) of these specifications is to be followed during execution of time of work in accordance with applicable drawings.
3. Complete description of items of work in Bill of Quantities / Engineer's Estimates, general directions, conditions and limitation of work, location and place of work applicable methods, means to be adopted, type and quality of materials use of tools, plant and machinery are not necessarily mentioned in the description column of Bill of Quantities/ Engineer's Estimate these shall be referred to in accordance with specifications and drawings.
4. The Tendered may ensure himself for the correctness of quantities and application of the individual's items for work as per Drawing Specifications and Contract Documents.
5. The Quantities contained in the Bill of Quantities / Engineer's Estimate are approximate estimated quantities and liable to be changed (increase/decrease) or omitted when the work will be actually executed. The Engineer is authorized to delete any item of work or vary quantities of any item of Bill of Quantities/ Engineer's Estimate. The Engineer is also authorized to include any number of new items in accordance with contract conditions.
6. No claim for the payment will be admissible on account of anticipated profit or variation in overhead expenditures for the works not actually performed nor will any adjustment in the unit rates set forth in Bill of Quantities/ Engineer's Estimate be made because of any increase or any decrease in the quantities indicated therein.
7. The prices and rates quoted in the Bill of Quantities / Engineer's Estimate are full inclusive value of the Works described under specified items including all cost and expenses which may required in and for the construction of the works described together with all risks liabilities and obligation set forth and implied in all the documents referred to on which the tender is based.
8. Unless otherwise stated in the text of the Bill of Quantities/ Engineer's Estimate the quantities have to be measure and paid in accordance with measurement and payment of works clauses given in the relevant specifications or in accordance with implied meanings of the specifications any special method of measurement base as stated in text of Engineer's Estimate is limited to the concerned items only..
9. Difference between the description of items in BOQ and items No, mentioned there against corrected rate & item as per description shall be followed.

10. The Tender should not make any additions or alternatives in the Tender Document Tenders with additions or alteration shall be liable for rejection.
11. Any item mention in Bill of Quantities/ Engineer's Estimate or Specifications but not shown on the drawings or shown on the drawings but not mentioned in the Bill of Quantities Engineers Estimate or Specifications shall be like effect as it has been shown and mentioned in these documents.
12. Bill of Quantities / Engineers Estimate shall be read in conjunction with Conditions of Contract. Technical Specifications and Drawing and in case of any contradiction Engineer's decision (s) shall be final.
13. The tender shall quote percentage above or below on the total amount put to tender by the employer and given in the that no premium above on non-schedule items & Engineer's estimates put to tender shall be allowed. The bidder may quote premium below engineers estimate given in the tender.

**CONSTRUCTION OF ADDITIONAL CLASS ROOM AT KIMS PREMISES KOHAT BDS
STUDENT OF 1ST & 2nd PROFESSION.**

	Item of work	Engineers Estimate	Premium	Revised total cost of works
1	Schedule item MRS-2015 April-June (Q-2)2015	Rs.2300060		
2	Non Schedule Items	Rs.65460		

CONTRTACTOR

PROJECT DIRECTOR

Subject: **Khyber Medical University Peshawar**
 Sub-Head: **Construction of additional class room at kims premises kohat BDS student of 1st & 2nd Profession.**

Bill of Quantities

A: Civil Work

S.No	Descriptions	Unit	Rate	Quantity	Amount	Remarks
1	Pucca brick work in first floor in 1:5csm	%cft	24887.45	11.80	293672	7-05-a-04 7-06+a
2	RCC 1: 2:4 in roof, beams columns or	%cft	25696.56	9.35	240263	06-06-a3
3	Add extra labour for R.C.C in 2 nd subsequent stories	%cft	2656.25	9.35	24836	06-06-e
4	S/F Steel reinforcement G 40	Ton	121,899.37	2.591	315841	06-07-b
5	Cement plaster 1:3 upto	%Sft	3000.44	36.35	109066	11-08-c
6	Extra jor lime ,mud ,cement plaster or cement plaster painting from other structural member insitu pre cast 20`-10 h	%Sft	291.25	36.35	10587	11.28
7	Cement pointing struck joint on walls up to 20` height	%Sft	2288.72	22.88	25366	11-18-b
8	Extra for cement pointing from 20`-30`	%Sft	291.25	22.88	6664	11.28
9	Prepare surface and painting with emulsion point, first coat	%Sft	1645.85	36.35	59827	13.30-a
10	Prepare surface and pointing emulsion paint emulsion paint 2 nd and each subsequent coat= 2 Coat	%Sft	1505.42	36.35	54722	13-30-b
11	First class deodar wood wrought joinery in doors and weinder etc complete 1 ¾ thick	Sft	901.36	48	43265	12-07-b
12	Supply and fixing aluminium doors/Window	Sft	662.52	180	119254	12.53-a-02
13	Single layer of tile 10``x5`` x 1.25`` laid over 4`` earth and 1`` mud plaster on top of RC roof slab	%Sft	12130.04	14.35	174066	09-05
14	2 Coat of bitumen laid hot using 34lbs for % Sft	%Sft	2783.79	14.35	39947	09-12
15	Khuras on roof 2`x2`x6"	Each	655.75	3	1967	09-15
16	Coat iron 4`` dia pipe rain pipe head & shoes	Rft	689.34	90	62041	09-19-9
17	P/L insullation complete with thermopore sheet 1" thick	Sft	137.02	1435	196624	09-34-C
18	Porcelain tile flooring local master	%Sft	21925.83	15.11	331299	10-48-a
	Total				Rs.2109307	

B: **Electrical Works Schedule items:**

S.no	MRS 2015	Description	Unit	Qty	Rate	Amount
E-01	15-02-b-01	1/2" Dia PVC Pipe for wiring purpose	Rft	250	43.05	10763
E01	15-02-b-02	3/4" Dia PVC Pipe for wiring purpose	Rft	150	94.11	14117
E01	15-02-b-03	1" Dia PVC Pipe for wiring Purpose	Rft	100	100.77	10077
E02	15-05-a	3/0.029 Wiring	Rft	1000	13.32	13320
	15-05-b	3/0.036 Wiring	Rft	390	18.22	7106
	15-05-c	7/0.029 Wiring	Rft	350	22.80	7980
	15-05-d	7/0.036 Wiring	Rft	300	37.78	10134
	15-05-e	7/0.044 Wiring	Rft	450	53.95	24278
E03	15-09-a	4"x4" Back Box	Each	8	145.38	1163
	15-09-b	7"x4" Back Box	Each	8	191.80	1534
	15-09-c	9"x4" Back Box	Each	3	250.43	750
E.04	15-18-a	10/15 Amp open type Switches	Each	10	41.28	413
	15-19-b	Supply/Erection 3pin 10/15 Amp wall	Each	4	52.53	210
E-05	15-20-a	3pin switch & Plug combined 5Amp	Each	8	52.53	420
	15-20-b	3pin switch 10/15 Amp combined Type	Each	8	52.53	420
	15-24-a	Tube light 2x40 complete	Each	8	1027.50	8220
	15-24-b	Single Road 1x40 Complete	Each	4	462.58	1850
E0-6	15-50	Wiring for light,Fan point with 3/0.029 Wiring	Each	25	1355.67	33892
E07	15-68-C	56 Sweep A.C Ceiling fan	Each	10	4410.63	44106
		Total			Rs.190753	
		Total Schedule item			2300060	

C:Non Schedule Civil Work

1	N.S	Steel chowkat10"x2" ,16,Swg	Sft	48	280	13440
2	N.S	Steel grill to window ½"x1/2"x	Sft	180	289	52020
	Total					65460