



**Tender/ Contract Documents**  
**Contract form for Execution of work**  
**University of the Punjab Lahore-Pakistan**

**PERCENTAGE / ITEM RATE TENDER AND CONTRACT FOR WORKS**

- 1 Name of Work: \_\_\_\_\_
- 2 Name of Contractor: \_\_\_\_\_
- 3 Renewed Vide No. \_\_\_\_\_
- 4 Estimated Cost of Work Rs. \_\_\_\_\_
- 5 Amount of Earnest Money Rs. \_\_\_\_\_
- 6 Time Limit \_\_\_\_\_
- 7 Deposit at Call No \_\_\_\_\_
- 8 Tender Fee amounting to Rs \_\_\_\_\_
- 9 Received Vide G.R No \_\_\_\_\_
- 10 Quoted Bid Price Rs. \_\_\_\_\_
- 11 Dated \_\_\_\_\_

**Stamp & Signature**

## PRICE SCHEDULE

### ADDITION / ALTERATION IN RECORD ROOM FOR DIRECTOR OFFICE AT INSTITUTE OF METALLURGY AND MATERIALS ENGINEERING AT Q.A.C.

S.#	Descriptions	Unit	Qty	Rate	Amount
(A)	<b>CIVIL &amp; ELECTRICAL WORKS (MRS &amp; NON MRS ITEMS)</b>				
1	Removing windows and sky lights with chowkat.	Each	3.00	350.45	1051.35
2	Dismantling pacca brick work in C/M	%Cft	111.38	4330.90	4823.54
3	Cement concrete brick or stone ballast 1½ " to 2" gauge, in foundation and plinth:(d) Ratio 1:6:12	%Cft	8.25	22099.40	1823.20
4	P/L PCC 1:2:4 complete in all respect	%Cft	6.25	38747.00	2421.69
5	Pacca brick work in 1:5 c/m at G/F	%Cft	312.00	37600.00	117312.00
6	P/L RCC 1:2:4 complete in all respect	Cft	16.91	460.05	7777.72
7	Fabrication of mild steel deformed bars	%Kg	36.47	31409.85	11453.60
8	Cement plaster ¾" thick in 1:4 c/m	%Sft	1065.25	4496.85	47902.69
9	Emulsion paint two coats to old surface	%Sft	1089.00	1792.90	19524.68
10	Enamel paint two coats to old surface	%Sft	162.50	1693.65	2752.18
11	French polishing complete:a) on new work	%Sft	222.56	5281.95	11755.51
12	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), 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.	Sft	154.00	1353.75	208477.50
13	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all	Sft	126.00	494.50	62307.00

14	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.(i) 3/8" Squar Bars	Sft	231.00	863.05	199364.55
15	Providing and laying superb quality Porcelain glazed tiles flooring of specified size in approved design,Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost o fsealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body	Sft	607.68	280.25	170302.32
16	Providing and laying 3/4" thick full width Prepolished Marble slab forb Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge i) China Verona	Sft	56.75	414.20	23505.85
17	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by	Sft	78.00	25.90	2020.20
18	Extra cost for making hole in Marble slab for fixtures, Sink, burners, basin Vanities i/c cost of bevelling of internal edge as approved and directed by the Engineer Incharge.	Rft	1.00	711.60	711.60
19	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1 1/4" x 1"and 1 1/2" x 1" both at 4' c/c ( made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharg	Sft	576.00	85.60	49305.60

20	Providing and fixing 2" wide MS Chowkat singel/double rebate 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 lock hole 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.				
A	(ii) 10.50 " wide	Sft	28.00	628.85	17607.80
B	(iii) 5.5 " wide	Sft	49.00	436.50	21388.50
21	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1"thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge b)	Sft	98.00	2046.70	200576.60
22	Providing and fixing autotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.	Each	5.00	2939.00	14695.00
23	P/F approved quality door lock/ mortic lock, brass machine and brass cylander imported quality.(itly make)	Each	5.00	3000.00	15000.00
24	P/F PVC wall paneling 12 mm thick Imported Fency Type i/c U, T and nails approved color & design complete as per instruction of Engineer Incharge..	Sft	638.00	150.00	95700.00
25	P/F window blind double side roller (zebra types) complete in all respect	Sft	288.00	200.00	57600.00
<b>KITCHEN AND TOILET</b>					
26	Providing and fixing lamination sheet cabinet 3/4" thick with drawers including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc.,	Sft	168.75	990.05	167070.94
27	Providing and fixing stainless steel sink with drain board, size 120x60 cm (48"x24") including bracket set, waste pipe and waste coupling.	Each	1.00	6423.95	6423.95

28	Providing and fixing almirah shutter comprising of 3/4" thick both side Laminated/Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ painting 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer	Sft	23.75	433.80	10302.75
29	Providing and fixing CP bath Room Set made of Sonex/ Master /Faisal comprising of 3-No Tee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower,waste coupling and bottle trap etc complete in all respect as approved and directed by the Engineer incharge.				
A	(i) Tee Stop Cock	Each	6.00	2099.00	12594.00
B	(ii) Lever Type Basin Mixer	Each	2.00	6539.00	13078.00
C	(iii) Double Bib Cock	Each	1.00	1739.00	1739.00
29	(v) Muslim shower	Each	1.00	2219.00	2219.00
30	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.				
A	i) Plastic soap dish	Each	1.00	1200.00	1200.00
B	iii) Plastic tower rail	Each	1.00	1400.00	1400.00
C	ii) Plastic toilet paper holder	Each	1.00	900.00	900.00
D	iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing	Each	1.00	900.00	900.00
E	vi) Looking glass	Each	1.00	1700.00	1700.00

31	Providing, fixing, testing and commissioning of $\mu$ -PVC (Unplasticized polyvinyl Chloride ) Nikasi/ waste pipe make of dadex / Popular/ Beta/BBJ plain /socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents omplete in all respect as approved and directed by the Engineer Incharg Type (SDR 41/SN-4)				
	(v)4"(110 mm)	Rft	90.00	217.40	19566.00
32	Providing, fixing, testing and commissioning of $\mu$ -PVC (Unplasticized polyvinyl hloride ) Nikasi/ waste pipe Fittings make of dadex opular/ Beta/BBJ conforming to code EN-1401 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge				
A	(a) P-Trap (i) 4" dia	Each	4.00	1075.80	4303.20
33	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) c) PN-25 pipe				
A	(ii) 25 mm	Rft	80.00	76.00	6080.00
34	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (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.	Each	1.00	20022.90	20022.90
35	Providing and laying superb quality Ceramic tile floors 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 and as approved and directed by the Engineer Incharge.				
A	i) 12"x18"	Sft	37.50	241.94	9072.75

36	Providing and laying superb quality Ceramic tiles dado 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.				
A	i) 12"x18" Kitchen	Sft	341.63	294.70	100676.89
37	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharg				
	15 Gallon	Each	1.00	19854.90	19854.90
38	P/F floor trap jali 6" dia C.P approved quality	Sft	4.00	650.00	2600.00
39	P/F Hand dryer made by china	Sft	1.00	5500.00	5500.00
40	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and directed by theEngineer Incharge.				0.00
A	1/2" Dia	Sft	1.00	1003.20	1003.20
	<b>Electrical Work</b>				
1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxes, pull boxes, bend tees and repairing surface etc complete Popular / Beta.				
a	20mm2	Rft	150.00	71.40	10710.00
b	25mm2	Rft	100.00	82.70	8270.00
2	S/E of PVC insulated copper conductor cables, inprelaid PVC pipe G.i wire / tranches (rate for cable only) Coppergat / Fast / Newage.				
a	3/0.029"	Rft	550.00	21.35	11742.50
b	7/0.029"	Rft	500.00	33.40	16700.00
c	7/0.044"	Rft	500.00	61.10	30550.00
3	S/E of holder bakelite large size Ittefaq / PPI.	Each	2.00	46.15	92.30

4	S/E of tube light, i/c rod, choke, starter with frame, flexible wire.				
a	80 watts	Each	1.00	1834.20	1834.20
5	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 gang switch).				
a	Bell push	Each	1.00	449.40	449.40
b	4 gang	Each	3.00	715.80	2147.40
c	6 gang	Each	3.00	1259.40	3778.20
d	3 pin light plug 10/13 Amp	Each	18.00	503.40	9061.20
e	3 pin power plug 15-32/Amp	Each	4.00	673.80	2695.20
f	Fan dimmer	Each	3.00	449.40	1348.20
g	Telephone / TV / Data cable socket	Each	6.00	449.40	2696.40
6	Fan hook box type	Each	3.00	192.00	576.00
7	S/E of ceiling fan 56" sweep ac capacitor type copper winding deluxe model Royal / Pak Fan / GFC.	Each	1.00	6360.00	6360.00
8	S/E of box type ceiling fan (2x2) 18" sweep ac capacitor type copper winding with remote etc complete made Royal / Pak Fan / GFC.	Each	3.00	10740.00	32220.00
9	S/E of exhaust fan 12" sweep AC capacitor type copper winding i/c shutter Royal / Pak fan.	Each	3.00	4560.00	13680.00
10	S/Installation of LED light fittings (18 to 24 watt) with p.f 0.95 i/c driver reflector casing etc complete, i/c 1.5 mm cable for connection from existing points to suitable places (5' to 8') Made Oppl, Sunlight, Turk Plast, Osaka, Philips, NVC, Pier Light.	Each	24.00	1800.00	43200.00
11	S/E of PVC duct i/c rawal plug screws bend teec etc complete Adam Jee / Popular / Turk Plast / GM.				
a	16 x 25 mm	Rft	50.00	50.00	2500.00
b	25 x 25 mm	Rft	100.00	64.00	6400.00
	<b>Total Civil &amp; Electrical Works MRS &amp; Non MRS Items (A) =</b>				<b>1982758.00</b>
				<b>Add 16% PST</b>	<b>317241.28</b>
				<b>Grand Total</b>	<b>2299999.28</b>
				<b>Say Rs.</b>	<b>2300000.00</b>



**PRICE SCHEDULE**  
**CONSTRUCTION OF WASH ROOM AT SUPERINTENDENT HOUSE BOYS HOSTEL NO. 11**

S.#	Descriptions	Unit	Qty	Rate	Amount
(A)	<b>CIVIL &amp; ELECTRICAL WORKS (MRS &amp; NON MRS ITEMS)</b>				
1	Making hole in brick masonry.	Each	1.00	700.00	700.00
2	Excavation in foundation of building, bridge and other than structure i/c deg billing, dressing, refilling lead upto 100' and lift 5' complete in all respects.	%0Cft	43.50	8949.60	389.31
3	Filling with sand under floor i/c compaction.	%Cft	39.00	2992.00	1166.88
4	P/L plain cement concrete i/c placing compacting, finishing and curing of screening and washing 1:2:4 ratio complete in all respects.	%Cft	18.83	29264.40	5510.49
5	P/L plain cement concrete i/c placing compacting, finishing and curing of screening and washing 1:4:8 ratio complete in all respects.	%Cft	28.05	22861.20	6412.57
6	P/L RCC, using coarse sand and screened graded and washed aggregate in required shape and design, i/c forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete in all respects.				
a	Type C (nominal mix 1:2:4)	Cft	31.88	477.80	15232.26
7	Fabrication of mild steel reinforcement for cement concrete, i/c cutting, bending, laying in position, making joints and fastenings, i/c cost of bending wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars (G-60).	%Kg	95.63	26349.40	25197.93
8	Pacca brick work in foundaion in 1:4 ratio.	%Cft	32.05	30840.00	9884.22
9	Pacca brick work in ground floor in 1:4 ratio.	%Cft	94.79	32023.60	30355.17
10	3/4" thick cement plaster 1:4 ratio on walls, on new surface complete in all respects.	%Sft	258.00	3572.15	9216.15
11	3/8" thick c/sand plaster in 1:2 ratio under sofit of RCC slab upto 20' height.	%Sft	52.00	3300.35	1716.18
12	4 1/2" thick brick walling 1:3.	%Sft	120.00	14681.10	17617.32
13	P/L of approve coloured glazed tile 1/4" thick laid in white cement & pigment on bed of 3/4" thick c/s mortar in 1:2 ratio, grouting with white cement and pigment complete as per instructions of engineer incharge.	Sft	180.50	212.10	38284.05
14	3 coats of emulsion paint on walls and ceiling as per spec.	%Sft	104.00	2600.35	2704.36
15	Preparing surface and paint with weather shield paint 3 coats on new surface as per spec.	%Sft	336.00	6510.00	21873.60

16	Single layer of tiles 9" x 4 1/2" x 1 1/2" over 4" (100 mm) earth complete.	%Sft	48.00	9898.95	4751.50
17	P/F 1.5" thick PVC door with chowkat complete in all respects.	Sft	17.50	650.00	11375.00
18	P/L, fixing, testing (90 psi) and disinfecting, polypropylene pipelines for cold and hot water supply inside toilets as per DIN or equivalent BS specification popular / pipeplus / bbj make PN-20 as approved by the engineer incharge complete in all respect to their entire satisfaction, i/c specials such as tee, cross, reducer, bend, union, elbow, plug, socket etc complete as per spec.				0.00
a	25 mm o/d	Rft	30.00	110.00	3300.00
b	32 mm o/d	Rft	70.00	125.00	8750.00
19	P/F european type type water closet of approved color with UPVC S or P trap best quality with low level flushing cistern, i/c all fittings and accessories Master waste and trap, PVC flexible pipe connection, tee stop cock with wall cups, all joints to services and drains plugging and screwing as necessary to the structure and making good the same complete in all respects as per spec design, drawings and as directed / approved by the engineer.	Each	1.00	25000.00	25000.00
20	P/F chromium plated floor trap jali double 6" x 6" size.	Each	2.00	400.00	800.00
21	P/F of vanityconsisting of glazed bowl under counter pvc shutter complete.	Each	1.00	25000.00	25000.00
22	P/F indian tye w.c made by Master ICL or equivalent i/c hockey pipe complete.	Each	1.00	7500.00	7500.00
23	P/Fitting PVC P-trap 4" dia.	Each	2.00	590.00	1180.00
24	P/L, fixign and testing upvc soil waste, vent and and rain water as pe BSS 4i/c upvc fitting with solvent cement jointing or rubber ring joints Popular / Pipe plus make type B as approved by the engineer incharge complete in all respects, i/c clamps, bends, tees, Y-tees, cowls, reducers, clean out etc embedded in floors and walls, clamped to walls, suspended from slab, making requisite no of holes and making good the same complete in all respects 4" dia.	Rft	60.00	383.00	22980.00
25	P/F of tee PVC complete.	Each	2.00	1360.00	2720.00
26	P/F of accessories set i/c soap dish, toilet paper holder, teeth brush holder, shelve, towel holder, hanger for cloth etc complete.	Each	1.00	13500.00	13500.00

27	P/F D34:D47 xing cp bath room set made of Sonex / Master / Faisal comprising of 3 no tee stop cocks, lever type basin mixer, double bib cock, open wall shower, muslim shower, waste coupling and bottole trap etc complete inall respect as approve and directed by the engineer.				0.00
a	3 nos of t-cock	Each	4.00	2050.00	8200.00
b	Basin mixer	Each	1.00	6490.80	6490.80
c	Double bib cock	Each	1.00	1690.00	1690.00
d	Wall shower	Each	1.00	18490.00	18490.00
e	Waste couplin	Each	1.00	500.00	500.00
f	Bottle P-trap	Each	1.00	1270.00	1270.00
g	P/F of muslim shower complete.	Each	2.00	2170.00	4340.00
28	Flat brick soling laid in 1:6 c/m as per spec.	%Sft	80.00	9224.40	7379.52
29	P/F of PPRC gate valve complete in all respects.				0.00
a	32 mm o/d	Each	1.00	740.00	740.00
b	25 mm o/d	Each	1.00	550.00	550.00
30	Making connection with running water supply line.	Each	2.00	750.00	1500.00
31	Making connectin for sewer i/c making hole repairing after crossing sewer pipe in manhole complete in all respect for all size.	Each	1.00	1000.00	1000.00
32	P/F fancy looking glass.	Each	2.00	3000.00	6000.00
33	P/F of led bulb 18 Watt complete job.	Each	1.00	382.00	382.00
34	S/Installation of switch and socket make Clipsal / Legrand etc.				0.00
a	4 gang switch plate	Each	2.00	612.00	1224.00
35	S/E of exhaust fan 12" sweep AC capacitor type copper winding i/c shutter Royal / Pak fan.	Each	1.00	3508.00	3508.00
36	S/E of PVC pipe 25 mm thick.	Rft	25.00	82.70	2067.50
37	S/E of single core PVC insulated copper conductor cable in prelaid PVC.				0.00
a	7/0.029".	Rft	72.00	33.40	2404.80
	<b>Total Civil &amp; Electrical Works MRS &amp; Non MRS Items (A) =</b>				<b>380853.61</b>
				<b>Add 5% PST</b>	<b>19042.68</b>
				<b>Grand Total</b>	<b>399896.29</b>
				<b>Say Rs.</b>	<b>399896.00</b>

**PRICE SCHEDULE  
A/R WORK AT SUPD TT. HOUSE GIRLS HOSTEL NO. 2 AT Q.A.C.**

S.#	Descriptions	Unit	Qty	Rate	Amount
(A)	<b>CIVIL WORKS (MRS &amp; NON MRS ITEMS)</b>				
1	Painting with emulsion paint two coats.	%Sft	8124.38	1792.90	145662.01
2	Scraping distemper or paint from walls.	%Sft	2437.31	764.30	18628.36
3	Painting with two coats of enamel paint.	%Sft	3268.00	1694.65	55381.16
	French polishing complete.	%Sft	271.84	2765.70	7518.28
4	Petty repair to main rooms.	Each	5.00	1148.30	5741.50
5	Removing cement or lime plaster from walls.	%Sft	144.00	424.60	611.42

6	Applying floating coat of cement.	%Sft	144.00	1876.70	2702.45
7	3/4" thick c/sand plaster 1:4 ratio.	%Sft	144.00	4496.85	6475.46
	<b>Total Civil Works MRS &amp; Non MRS Items (A) =</b>				<b>242720.65</b>
				<b>Add 16% PST</b>	<b>38835.30</b>
				<b>Grand Total</b>	<b>281555.95</b>
				<b>Say Rs.</b>	<b>281500.00</b>