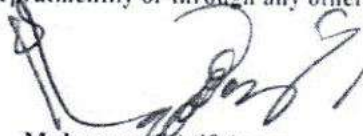



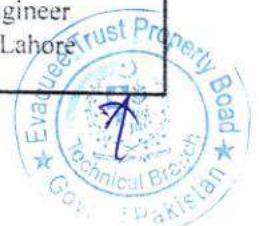
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**RENOVATION / RECONSTRUCTION OF GURDAWARA BHAI JOGA SINGH,**  
**PESHAWAR.**

Sr. No	DETAIL OF WORKS	Amount	
<b>(A) SCHEDULED ITEMS</b>			
<b>1</b>	<b>CIVIL WORKS.</b>		
(i)	Closure of Basement (Steel Item # 12).	Rs.	1,087,716
(ii)	Removal of Additional Load & Roof Treatment (Steel Item # 13+33).	Rs.	11,367,427
(iii)	Main Building - Renovation Works.	Rs.	3,826,312
(iv)	External Works (RCC Wall-along the Main Building) (Steel Item # 04).	Rs.	1,548,072
	<b>TOTAL COST - CIVIL WORKS</b>	Rs.	<b>17,829,527</b>
<b>2</b>	<b>PLUMBING WORKS.</b>		
(i)	Scheduled Items. Based on 2022 PWD Rates.	Rs.	1,167,307
	<b>TOTAL COST - PLUMBING WORKS</b>	Rs.	<b>1,167,307</b>
<b>3</b>	<b>ELECTRICAL WORKS.</b>		
(i)	Scheduled Items. Based on 2022 PWD Rates.	Rs.	9,036,651
	<b>TOTAL COST - ELECTRICAL WORKS</b>	Rs.	<b>9,036,651</b>
	<b>NET TOTAL (1+2+3)</b>	Rs.	<b>28,033,485</b>
	Add % Above / Below premium on Scheduled items rate 2022. (On Steel Items)	Rs.	-
	Add % Above / Below premium on Scheduled items rate 2022. (Except Steel Items)	Rs.	
<b>(B) NON SCHEDULED ITEMS</b>			
<b>1</b>	<b>CIVIL WORKS.</b>	Rs.	
<b>2</b>	<b>PLUMBING WORKS.</b>	Rs.	
<b>3</b>	<b>ELECTRICAL WORKS.</b>	Rs.	
	(i) Scheduled Items - Based on 1st Bi-Annual 2024 - Distt. Attock.	Rs.	
<b>4</b>	External Electrical Works (Facade Lighting)	Rs.	
	<b>NET COST OF NON SCHEDULED ITEMS (1+2+3+4) TOTAL</b>	Rs.	
	<b>TOTAL COST (A+B)</b>	Rs.	

Note: The department reserves the right to withdraw any Item / Items of Work or part there of and do it departmentally or through any other agency.

  
**Muhammad Atif Azam**  
 Assistant Engineer  
 E.T.P. Office, Hassanabdal.

  
**Bilal Ahmad**  
 Executive Engineer  
 E.T.P. Board, Lahore





**Evacuee Trust Property Board  
(ETPB), Government of Pakistan**

**FINANCIAL BIDDING DOCUMENTS**

**“RESTORATION/ RENOVATION OF GURDWARA BHAI JOGA SINGH,  
PESHAWAR.”**



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**EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN.**

**9-Court Street Lahore.**

**Tel: +92-42-99211184**

EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (i) Closure of Basement

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>A - SCHEDULE ITEMS</b>								
<b>1.0 - DISMANTLING AND DEMOLISHING</b>								
1	123	45	Taking out door and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of unservice-able material as directed within three chains (91.5 m).	12.0	Each	584.38	Each	7,013
2	123	47	Taking out carefully shutters, of doors and windows in ground floor and stacking as directed within three chains (91.5 m).	12.0	Each	346.88	Each	4,163
3	123	49	Taking out wooden planking from ground floor and stacking the material as directed within three chains (91.5 m)	252.0	Sft	1019.38	% Sft	2,569
4	123	9	Dismantling burnt brick masonry in lime or cement mortar foundation, basement, plinth and ground floor including stacking salvaged material (serviceable) and disposing of surplus material as directed within three chains (91.5 m)..	63.0	Cft	3006.25	% Cft	1,894
5	123	15	Dismantling R.C.C. including separating reinforcement from concrete in foundation, basement, plinth and ground floor including stacking at site and disposing of unserviceable material within three chains (91.5 m)	378.7	Cft	8,456.25	% Cft	32,021
6	123	40	Dismantling cement tiled floor, dado or skirting in basement, plinth and ground floor including base mortar and stacking salvaged material (serviceable) and disposing of surplus stuff as directed within three chains (91.5 m)....	757.3	Sft	2605.63	% Sft	19,734
<b>2.0 - Removal of Debries by Animal Transport</b>								
7	135	1(b)	Cartage of stone ballast and boulders including loading, unloading and stacking etc. at site.					
		A002	3 miles (4.8 km) lead	820.3	Cft	279.66	% Cft	2,294

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (i) Closure of Basement

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>3.0 - BRICK MASONRY</b>								
8	112	11	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 for arches on straight or curved walls 9" to 13-1/2 inches (228 mm to 343 mm) thick including scaffolding, from work and its removal raking out joints and curing etc. complete in foundation basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level).	174.0	Cft	60,695.52	% Cft	105,622
8a	135	3	Cartage of bricks including loading, unloading and stacking etc. at site.					
		A004	3 miles (4.8 km) lead	2349.3	nos.	233.05	% nos	547
<b>4.0 - FILLING</b>								
10	104	9	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	4115.1	Cft	4869.94	% Cft	200,405
10a	135	A001	Cartage of sand, bajri, lime, murum, manure, earth, building rubbish, etc. including loading, unloading and stacking etc. at site. (08 km)	4115.1	Cft	397.26	% Cft	16,348
<b>5.0 - ANTI-TERMITE TREATMENT</b>								
11	124	199	Providing and laying out Termite proofing in foundations, under floors and wood work surface with a solution using of confront TC with water and spraying the solution of the area to be treated as completed as per direction of Enmgineer Incharge.	3062.9	Sft	13.13	Sft	40,216



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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (i) Closure of Basement

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>6.0 - STEEL REINFORCEMENT</b>								
12	114	166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	1450.71	Kg	282.45	Kg	409,754
12a	135	5	Cartage of cement, steel, C.I. & G.I. pipes and aluminium sheets and other heavy materials including loading, unloading and stacking etc. at site:					
		A004	3 miles (4.8 km) lead	1450.7	Kg	54.82	50 kg	1,591
<b>7.0 - PLAIN AND REINFORCED CONCRETE</b>								
13	105	14 + 44	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc complete. Extra if Lawrancepur Sand is used.	249.9	Cft	24,300.84	% Cft	60,733
14	114	56 + 148	Providing and faying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inches (127 mm) to 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor. Extra if Lawrancepur Sand is used.	399.7	Cft	45,740.52	% Cft	182,812
<b>TOTAL COST - CIVIL WORKS (Closure of Basement) - Rs.</b>								<b>1,087,716</b>

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>A - SCHEDULE ITEMS</b>								
<b>1.0 - DISMANTLING AND DEMOLISHING</b>								
1	123	45 + 53	Taking out door and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of unservice-able material as directed within three chains (91.5 m) Extra for 2nd Floor	19.0	Each	665.64	Each	12,647
2	123	46 + 53	Taking out clerestory window frame with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of unservice-able material as directed within three chains (91.5 m). Extra for 2nd Floor	18.0	Each	570.64	Each	10,272
3	123	47 + 54	Taking out carefully shutters of doors and windows in ground floor and stacking as directed within three chains (91.5 m). Extra for 2nd Floor	19.0	Each	404.38	Each	7,683
4	123	48 + 54	Taking out carefully shutters of clerestory window in ground floor and stacking as directed within three chains (91.5m) Extra for 2nd Floor	18.0	Each	582.5	Each	10,485
5	123	49 + 55	Taking out wooden planking from ground floor and stacking the material as directed within three chains (91.5 m) Extra for 2nd Floor	448.0	Sft.	1263.14	% Sft	5,659
6	123	57 + 59	Dismantling iron work in trusses in ground floor and stacking as directed within three chains (91.5 m) . Extra for 2nd Floor	5175.0	Kg	43.75	Kg	226,406
7	123	58 +59 +59	Dismantling rolled steel sections in frames and trusses in ground floor and stacking as directed within three chains (91.5 m) Extra for 2nd Floor	3195.0	Kg	57.59	Kg	184,000
8	123	9 +17 +18	Dismantling burnt brick masonry in lime or cement mortar foundation, basement, plinth and ground floor including stacking salvaged material (serviceable) and disposing of surplus material as directed within three chains (91.5 m)..Extra for 2nd Floor	5864.9	Cft	4442.5	% Cft	260,550
9	123	15 +19 +20	Dismantling R.C.C. including separating reinforcement from concrete in foundation, basement, plinth and ground floor including stacking at site and disposing of unserviceable material within three chains (91.5 m) Extra for 2nd Floor	111.3	Cft	10,262.97	% Cft	11,423



EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
10	123	23	Dismantling G.I. corrugated sheet roofing in ground floor including stacking of salvaged material (serviceable) and disposing of unserviceable material as directed within three chains (91.5 m)	1035.0	Sft	737.5	% Sft	7,633
11	123	43 + 44	Dismantling stone or pre-cast concrete slab floors of any thickness in any mortar including stacking salvaged material (serviceable) and disposing of surplus stuff as directed within three chains (91.5 m). Extra for 2nd Floor	8135.2	Sft	6578.75	% Sft	535,195
<b>2.0 - MASONRY IN SUPERSTRUCTURE</b>								
12	112	25 +70 +71	Providing and laying first class solid burnt brick masonry set in cement mortar 1.6 in straight or curved walls 9 to 13-1/2 inches (229 mm to 343 mm) thick including scaffolding, raking, out joints and curing etc. complete in ground floor superstructure .Extra for 2nd Floor	1288.4	Cft	45,455.56	% Cft	585,654

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**EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN**  
**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**SUMMARY OF COST**

**1) Civil Works - (ii) Removal of Additional Load & Roof Treatment**

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>3.0 - STEEL REINFORCEMENT</b>								
13	114	166 +174 +175	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension . .Extra for 2nd Floor	6775.72	Kg	291.33	Kg	1,973,971

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>4.0 - PLAIN AND REINFORCED CONCRETE</b>								
14	114	38 +92 +93 +148	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in straight beams, lintels cantilever beams of required shape or section including form work and its removal, compacting and curing etc. complete but excluding the cost of reinforcement, in basement and ground floor. Extra for Lawrancepur sand & 2nd Floor.	46.13	Cft	52,498.69	% Cft	24,215
15	114	56 +92 +93 +148	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in ordinary slab 5 inches (127 mm) to 6 inches (152 mm) thick including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, in basement plinth and ground floor. Extra for Lawrancepur sand & 2nd Floor.	1820.6	Cft	50,762.57	% Cft	924,176
<b>5.0 - ROOF WATER PROOFING</b>								
16	106	28	Water proofing of roof slab using Bituflex @ 12.5 Kg per % Sft in three coats and Hassien cloth, including the cost of removing, scraping mortar etc from the roof surface, disposing of scraped material/debris and removing the dust by washing with water and Removing the undulations and depressions with using Bituflex, sand mortar ( 1 : 2) Applying one primer coat over moist surface using a mix of 50% Bituflex and 50% water. Applying 1st pur coat of Bituflex, laying Hassien cloth with 2" overlap at the joints, saturating the hassien cloth with 2nd coat of Bituflex and sandblinding the surface with sand.	6338.5	Sft	4467.9	% Sft	283,198

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**EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN**  
**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**SUMMARY OF COST**

**1) Civil Works - (ii) Removal of Additional Load & Roof Treatment**

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
17	108	29	Providing and laying double layer of polythene sheet of 500 gauge (0.005 or 0.13 mm thick) under floors for water proofing laid as per specifications and instructions of the Engineer-in-Charge in ground floor.	6338.5	Sft	1880.63	% Sft	119,204
18	124	198	Providing & Fixing Diamond Jumbolon insulation board 2" thick and plyhone sheet over diamond jumbolon insulation instalation of board for roof insulation as per direction of the Engineer Incharge.	5776.5	Sft	171.91	Sft	993,038
19	104	8	Supplying earth from approved outside sources within a radius of 5 miles (8 km) including digging, loading and unloading and filling in foundation trenches, plinth or under floor, etc. including breaking clods, dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (1.52 m).	1808.9	Cft	3254.05	% Cft	58,862
19A	104	16	Extra for additional lead of every one chain (30.5 R.m) or part thereof in item Nos. 1 to 4 and 7 to 11. (8 km)	1808.9	Cft	622.25	% Cft	11,256
20	125	131 +133 +134	Providing mud plaster 2" (51 mm) thick mixed with cowdung and bhusa mixed in the ratio of 100 Cft. (2.83 Cum.) of mud and 5 Lbs/Cft. (80 Kg per Cu.m.) of bhusa and 5 Cft. (0.14 Cum.) gobri including gobri tepai on top of roof in ground floor. Extra for 2nd Floor	5481.5	Sft	4893.4	% Sft	266,232
21	116	37 +55	Providing and laying 1st class burnt clay tiles of 9" X 4-1/2" X 1-1/2" size grouted with 1:3 cement mortar over 4" thick (avg) puddled earth compacted and smooth finished to slope mixed with bhoosa at the rate of one seer of bhoosa for one cft. of puddled earth in ground floor including flush pointing on tiles works with 1:3 cement mortar and curing complete. Extra for 2nd Floor	583.9	Sft	15622.75	% Sft	91,227



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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

**SUMMARY OF COST**

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>6.0 -FINISHING</b>								
<b>Cement Sand Plaster</b>								
22	122	1 +88 +91	1/4" (6.4 mm) thick cement plaster 1:3 on soffits of ceiling, cantilever slabs, sides and soffits of beams etc., in basement, mezzanine and ground floor including making edges, corners and curing etc., complete.	1216.1	Sft	4739.7	% Sft	57,641
23	122	5 +88 +91	1/2" (13 mm) thick cement plaster 1.5 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete..	1443.1	Sft	4924.45	% Sft	71,066
24	122	8 +88 +91	3/4" (19 mm) thick cement plaster 1.4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	5028.0	Sft	6060.06	% Sft	304,700
<b>Painting</b>								
25	122	154	Painting with wood preservative paint (solignum or equivalent) of any approved proprietary brand two coats complete at any height in any floor.	448.0	Sft	3383.75	% Sft	15,159
26	122	159	Painting iron work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	480.0	Sft	6071.25	% Sft	29,142
27	122	160	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	448.0	Sft	5954.86	% Sft	26,678
28	122	162	Painting with (ICI) Dulux plastic emulsion paint VIP of approved shade two coats over and including the cost of one priming coat complete over plastered surface at any height in any floor.	2395.2	Sft	6737.38	% Sft	161,377

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
29	122	172	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	4194.9	Sft	4408.75	% Sft	184,943
<b>7.0 - FALSE CEILING</b>								
30	124	187	Providing and fixing mineral fiber tiles 2' x 2' x 12mm ceiling including T & L angle hanger clips jointing clips and G.I Wire etc complete as required in any floor.	6926.9	Sft	153.05	Sft	1,060,154
31	124	191	Providing & fixing PVC board 2'x2' tiles Coloured ceiling/c Aluminum T and L angle 1" x 1" i.c hanger clips jointing clips and g.I. Wire etc complete as required in any floor.	2017.1	Sft	231.80	Sft	467,552
<b>8.0 - SHED at Top Roof</b>								
32	124	204	Fabrication and fixing of the Fiber shed consisting of 5-Ply fiber sheet and 2"x2" M.S. Box pipe 16 gauge main frame beams and central bracing 2"x2" at 24" c/c diagonal and 2"x2" support upto 2 feet c/c over 4" dia M.S. pipe 16 gauge 10-14 feet height the cost of excavation, with pcc 1:2:4 and rcc with steel and MS steel plate 1/2" thick in foundation, size 2"x2" cutting fitting, welding parting etc. complete as per direction of engineer incharge.	1925.0	Sft	1,075.00	Sft	2,069,375
<b>9.0 - MS SPIRAL STAIR</b>								
33	124	139	Providing and installing cast iron spiral stair case with central post, hand rail and braces at required interval; etc. complete but excluding the cost of cement concrete work in base and foundation 4 ft. (1.22 m) dia.	950.0	Kg	311.64	Kg	296,058
<b>10.0 - Removal of Debris by Animal Transport</b>								
34	135	1(b)	Cartage of stone ballast and boulders including loading, unloading and stacking etc. at site.					
		A002	3 miles (4.8 km) lead	10043.9	Cft	279.66	% Cft	28,089
35	135	5	Cartage of Cement steel GI, CI, pipes, and other heavy material including loading, unloading and stacking etc. at site.					
		A006	3 miles (4.8 km) lead	16062.5	kg	109.63	Ton	1,763
						<b>TOTAL COST - SCHEDULE ITEMS - Rs.</b>		<b>11,367,427</b>
						<b>(Removal of Additional Load &amp; Roof Treatment)</b>		<b>41,378,682</b>



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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref.
<b>Civil Works - (iii) Main Building Renovations</b>							PPWD- Sch of Rates 2022 Sub Head / item #
<b>A - SCHEDULE ITEMS</b>							
1	Dismantling cement tiled floor, dado or skirting in basement, plinth and ground floor including base mortar and stacking salvaged material (serviceable) and disposing of surplus stuff as directed within three chains (91.5 m)...	2418.99	Sft	2605.63	%Sft	63,030	123 / 40
2	Dismantling burnt brick masonry in lime or cement mortar foundation, basement, plinth and ground floor including stacking salvaged material (serviceable) and disposing of surplus material as directed within three chains (91.5 m)...	506.98	Cft	3,006.25	%Cft	15,241	123 / 9
3	Dismantling C.C. floor upto 2" (51 mm) thick in basement, plinth and ground floor including disposing off the material as directed within three chains (91.5 m).						
	i) Ground floor	2510.51	Sft	1,503.13	%Sft	37,736	123/ 39
	ii) 2nd floor	5806.00	Sft	2088.13	%Sft	121,237	123 / 39 - 123/ 44 + 123/ 44
4	Dismantling cement tiled floor, dado or skirting in basement, plinth and ground floor including base mortar and stacking salvaged material (serviceable) and disposing of surplus stuff as directed within three chains (91.5 m)...	9517.04	Sft	2605.63	%Sft	247,979	123 / 40
5	Scraping, rubbing and cleaning oil bound distemper, plastic paint and snowcem including removal of rubbish etc. from the site as per direction of the Engineer-in-Charge in all floors.	18006.45	Sft	743.75	%Sft	133,923	125 / 17
6	Scraping old paint of all sorts with blow lamp from iron work including rubbing and cleaning including removal of rubbish etc. from the site as per direction of the Engineer-in-charge in all floors.	3345.80	Sft	363.75	%Sft	12,170	125/ 21
7	Scraping old paint of all sorts with blow lamp from wood work or plastered surface including rubbing and cleaning including removal of rubbish etc. from the site as per direction of the Engineer-in-Charge in all floors.	2311.84	Sft	618.75	%Sft	14,304	125/ 20

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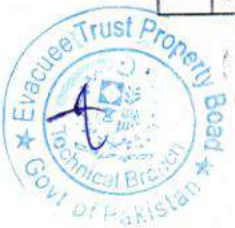
EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref;
8	Taking out door and window frames with or without hold fasts in ground floor including cutting walls, stacking salvaged material (serviceable) and disposing of unservice-able material as directed within three chains (91.5 m).	45.00	No's	931.26	Each	41,907	123/45 + 123/47
9							
10	Dismantling hessian or its equivalent ceiling with wooden beading in ground floor including stacking the salvaged material (serviceable) and disposing of unserviceable stuff as directed within three chains (91.5 m)	8518.00	Sft	475	%Sft	40,461	123/29
11	Removing cement or lime plaster of any thickness from walls and disposing of the rubbish etc. from site as directed	6740.89	Sft	843.75	%Sft	56,876	125/24
12	3/4" (19 mm) thick cement plaster 1:5 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete	5993.89	Sft	5,335.06	%Sft	319,777	122/8
12 (a)	Extra for first floor for plaster, base course, snowcrete, colourcrete, rendering and finishing etc. of any description on items No. 1 to 20, 22, 23, 24, 44 to 48, 52 to 64, 66 to 73, 75 to 81 and 84 to 86; Total thickness more than 1/2" upto 1" (13 mm upto 25 mm)...	2758.75	Sft	5,745.06	%Sft	158,549	122/8 + 122/88
13	Painting wood work with synthetic enamel paint of approved make and shade two coats over and including the cost of one priming coat complete at any height in any floor.	15385.62	Sft	5954.86	%Sft	916,192	122/160
14	Painting three coats with weather shield paint deluxe (ICI) make of approved shade on plaster surface (External) and including the cost of cleaning the surface, sand papering etc. complete at any height in any floor.	6157.13	Sft	4408.75	%Sft	271,452	122/172
15	Lacquer polishing including sealer (ICI) on wood work at any height in any floor.	2467.66	Sft	19760.85	%Sft	487,630	122/189a
16	Painting iron work with enamel paint of approved make and shade two coats over and including the cost of one coat of priming complete at any height in any floor.	3377.09	Sft	5819.1	%Sft	196,517	122/158
17	Supply & erection of galvanized J-Bolts	64.00	Each	1,474.02	Each	94,337	1215-72-i Page#170

12/22 (15/8)



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Architectural & Structural Engineering

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STRUCTURAL SYSTEMS  
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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref.
18	Providing and laying in situ 1:2:4 (1 cement 2 sand and 4 coarse aggregate) cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge in foundation, basement and plinth including form work, compacting, curing and removal of form work etc. complete, foundation and basement up to 5 feet depth (1.52 m) and plinth up to 4 feet (1.2 m) height from ground level.	120.00	Each	38,612.20	%Cft	46,335	106/5
19	Providing and fixing 16 SWG galvanized iron sheet covering of approved shape and design to expansion joints of roof slab with wooden gutties and screws etc. complete.	388.00	Sq.ft	550.13	Sft	213,450	124/99
20	Providing and fixing 16 oz. (4.89 Kg/Sqm.) crimped copper sheet covering strips in vertical joints including punching slotted holes and fixing with wooden gutties or rawl plugs and screws etc., complete.	388.00	Sq.ft	820.00	Sft	318,160	124/102
21	Removal of Debris by Animal Transport						
a	Cartage of sand, bajri, lime, surkhi, murum, manure, earth, building rubbish including loading, unloading and stacking etc. at site: 3 miles (4.8 km) lead	4869.8	Cft	279.66	% Cft	13,618	135/1a (A001)
b	Cartage of bricks including loading, unloading and stacking etc. at site: 3 miles (4.8 km) lead	7351.2	Nos.	233.05	%0 nos	1,713	135/1b (A002)
c	Cartage of delicate materials, glass panes, doors, windows, fittings, paints, varnishes etc. including loading, unloading and stacking etc. at site: 3 miles (4.8 km) lead	3375.0	Kg	55.05	50 kg	3,716	135/4 (A005)
TOTAL COST - CIVIL WORKS (Renovation works) Schedule Items - Rs.						3,826,312	

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STRUCTURAL SYSTEMS



**EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN**

**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**SUMMARY OF COST**

**1) Civil Works - (iv) External Works (RCC Wall - along the Main Building)**

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
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**A - SCHEDULE ITEMS**

**1.0 - DISMANTLING AND DEMOLISHING**

1	123	16	Dismantling C.C. work cast in situ in foundation, basement, plinth and ground floor including disposing of the material as directed within three chains (91.5 m).	472.5	Sft	6587.5	% Sft	31,126
1a	135	1(b)	Cartage of stone ballast and boulders inclding loading, unloading and stacking etc. at site:					
		A002	3 miles (4.8 km) lead	472.5	Cft	279.66	% Cft	1,321

**2.0 - EXCAVATION**

2	103	4 +28	Excavation for foundation trenches and drains in wet silt clay or mud and back filling the excavated material in foundation trenches, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed lead upto one chain (30.5 R.m) and lift upto 5 feet (1.52 m).	3203.4	Cft	2992.75	% Cft	95,871
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**3.0 - BRICK MASONRY**

3	112	11	Providing and laying first class solid burnt brick masonry set in cement mortar 1:6 for arches on straight or curved walls 9" to 13-1/2 inches (228 mm to 343 mm) thick including scaffolding, from work and its removal raking out joints and curing etc. complete in foundation basement and plinth (foundation and basement masonry upto 5 feet (1.52 Ru.m.) depth and plinth upto 4 feet (1.2 Ru.m.) height from ground level).	223.1	Cft	60,695.52	% Cft	135,427
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design and ARCHITECTURE

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Engineering

**EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN**

**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**SUMMARY OF COST**

**1) Civil Works - (iv) External Works (RCC Wall - along the Main Building)**

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>4.0 - STEEL REINFORCEMENT</b>								
4	114	166	Providing and laying hard grade ribbed deformed (minimum yield point 60,000 psi) reinforcement bars with & including the cost of straightening, cutting, bending, binding, wastage, and such overlaps as are not shown in the drawings, placing in position on cement concrete 1:2:4 precast or m.s. chairs, tying with binding wire, cost of chairs and wires etc. in all kinds of RCC work in foundation, basement, plinth and ground floor of building including septic tanks and under ground tanks and in projections for future extension .	1895.20	Kg	282.45	Kg	535,301
<b>5.0 - PLAIN AND REINFORCED CONCRETE</b>								
5	105	14 +44	Providing and laying 1:4:8 (1 cement 4 sand and 8 coarse aggregate) cement concrete using graded gavel (bajri) 1 inch (25 mm) and down gauge in foundation including levelling, compacting and curing etc. complete. Extra for Lawrancepur sand	76.6	Cft	24,300.84	% Cft	18,622
6	114	19 +148	Providing and laying reinforced cement concrete using screened graded bajri 3/4 inch (19 mm) and down gauge having a minimum works cube crushing strength of 2250 lbs. per sq inch (15.52 N/mm <sup>2</sup> ) at 28 days with a mix not leaner than 1:2:4 in curved retaining walls with out counter forts up to 10 feet (3 M) height including form work and its removal compacting and curing etc. complete but excluding the cost of reinforcement, Extra for Lawrancepur sand	596.7	Cft	47,528.31	% Cft	283,610
<b>6.0 - Plastering</b>								
7	122	8	3/4" (19 mm) thick cement plaster 1.4 on walls and columns etc. in basement, plinth, mezzanine and ground floor including making edges, corners, and curing etc., complete.	711.9	Sft	5,335.06	% Sft	37,979

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**MADHO**  
 ART. DESIGN & DRAWING

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 Evacuee Trust Property Board  
 Technical Branch  
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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

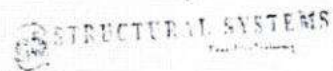
SUMMARY OF COST

1) Civil Works - (iv) External Works (RCC Wall - along the Main Building)

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>7.0 - FLOORING</b>								
8	104	9	Supplying stacking and filling sand of approved quality from outside sources in foundation, trenches, plinth or under floor, etc. including dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction and lift upto 5 feet (1.52 m).	5100.0	Cft	4889.94	% Cft	248,367
8a	135	A001	Cartage of sand, bajri, lime, murum, manure, earth, building rubbish, etc. including loading, unloading and stacking etc. at site. (08 km)	5100.0	Cft	397.26	% Cft	20,260
9	117 +105	2 +44	Providing and laying 1:4:8 cement concrete bed under floors using graded stone ballast 2 inches (51 mm) and down gauge with levelling and ramming, watering and curing etc. complete. Extra for Lawrancepur sand	315.0	Cft	22,833.00	% Cft	71,924
10	117 +148	4	Providing and laying floors of 3 inches (76 mm) thick 1:2:4 cement concrete using graded screened bajri 3/4 inch (19 mm) and down gauge in ground floor laid in panels including form work, consolidation, finishing and curing etc. complete. Extra for Lawrancepur sand	630.0	Sft	9,562.54	% Sft	64,441
<b>8.0 - Cartage of Material by Animal Transport</b>								
11	135	1(b)	Cartage of stone ballast and boulders including loading, unloading and stacking etc. at site.					
		A002	3 miles (4.8 km) lead	2492.3	Cft	279.66	% Cft	6,970
12	135	3	Cartage of Brcks including loading, unloading and stacking etc. at site					
		A004	3 miles (4.8 km) lead	3012.2	Nos.	279.66	%0 nos	842
13	135	5	Cartage of cement, steel C.I. & G.I. pipes and aluminium sheets and other heavy materials including loading, unloading and stacking etc. at site:					
		A005	3 miles (4.8 km) lead	1895.2	Kg	109.63	Ton	208
<b>TOTAL COST - CIVIL WORKS - Rs.</b>								<b>1,552,270</b>
External Works (RCC Wall - along the Main Building)								



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Arch. Design



## COST ESTIMATE

RENOVATION OF GURDWARA BHAI JOGA SINGH AT PESHAWAR.

A-SUB-HEAD PUBLIC HEALTH WORK.

Sr.No	DETAIL OF WORK	Quantity	Rate Rs.	Unit	Amount Rs.
1	Providing and fixing 22 inches x 16 inches (560 mm x 406 mm) lavatory basin in white glazed earthenware (Pakistani) complete with and including the cost of Brass oxidized bolt kit, built into walls 1/2 inches (15 mm), Chrome plated mixer, 1 -1/4 inches (32 mm) rubber plug and chrome plated brass chain 1-1/4 inches (32 mm) dia brass waste of approved pattern 1-1/4 inches (32 mm) dia chromium plated bottle tripe with unions and making requisite, number of holes in walls, plinth and floor for pipe connections and making good in cement concrete 1:2:4(554/9+10).	3.00 Nos	15,181.25	Each	Rs. 45,544/-
2	Providing and fixing of approved quality and make plastic soap dish complete as specified, complete in all respects, as per instruction of Engineer Incharge.(711/1056).	3.00 Nos	550.00	Each	Rs. 1,650/-
3	Providing and fixing of approved quality of plastic towel rail complete with brackets fixed, complete in all respect as specified by the Engineer in charge.(302/2).	2.00 Nos	2,475.50	Each	Rs. 4,951/-
4	Providing and fixing looking mirror of imported glass 5 mm thick and c.p clamp, screws.(557/5).	32.30 Sft	2,173.98	Sft	Rs. 70,220/-
5	Providing and fixing glass shelf 24 inches x 5 inches brackets and guard rail complete as specified.(302/7).	3.00 Nos	758.24	Each	Rs. 2,275/-
6	Providing and fixing chromium plated (CP) tee stop cock 2 cm (3/4") of approved quality.(570/4).	3.00 Nos	1,230.40	Each	Rs. 3,691/-
7	Providing and Fixing CI floor trap including CI grating & concrete chamber all round 4"x3", (301/16).	8.00 Nos	2,239.25	Each	Rs. 17,914/-
8	Providing and Installing, Testing & Commissioning of Gas Geysers, with fully automatic thermostat complete in all respect as approved by the Engineer Incharge 10-12 liters (66/4-3-03-c).	2.00 Nos	28,939.00	Each	Rs. 57,878/-
9	Providing and fixing PPRC pipes PN-20 and specials etc; including fixing, cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc. after cleaning the pipe and cartage within 10 miles 1" dia (25 mm) (567/30).	196.80 Rft	215.32	Rft	Rs. 42,375/-

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ARCHITECT  
DESIGN AND  
CONSTRUCTION

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EVALUATION TRUST PESHAWAR  
TECHNICAL OFFICE

10	Providing and fixing PPRC pipes PN-20 and specials etc; including fixing, cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc. after cleaning the pipe and cartage within 10 miles 1-1/4" dia (32 mm) (567/31).	180.40 Rft	320.26	Rft	Rs.	57,775/-
11	Providing and fixing PPRC pipes PN-20 and specials etc; including fixing, cutting and fitting complete with and including the cost of breaking through walls and roof and making good etc. after cleaning the pipe and cartage within 10 miles 1.5" dia (40mm) (568/32).	131.20 Rft	433.66	Rft	Rs.	56,896/-
12	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (40/1).	449.92 Cft	1,624.63	% Cft	Rs.	7,310/-
13	Providing and fixing un Platisized polyvinyl chloride pipe (uPVC) "B" class with special etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling watering remaining, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles. (16.09 KM) (Working pressure 12 KG/CM <sup>2</sup> ); 2" (50 mm) dia (567/23).	32.80 Rft	309.72	Rft	Rs.	10,159/-
14	Providing and fixing un Platisized polyvinyl chloride pipe (uPVC) "B" class with special etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling watering remaining, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles. (16.09 KM) (Working pressure 3" (80mm) dia (567/24).	164.00 Rft	373.47	Rft	Rs.	61,249/-
15	Providing and fixing un Platisized polyvinyl chloride pipe (uPVC) "B" class with special etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling watering remaining, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles. (16.09 KM) (Working pressure 4" (100 mm) dia (567/25).	164.00 Rft	490.01	Rft	Rs.	80,362/-

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Civil Work 2

16	Providing and fixing un Platisized polyvinyl chloride pipe (uPVC) "B" class with special etc. including cutting and fitting complete with and including the cost of cutting trench upto 1-1/2 feet deep refilling watering reaming, and disposal of surplus earth within one chain and after cleaning the pipe and cartage within 10 miles. (16.09 KM) (Working pressure 6" (150 mm) dia (567/27).	295.20 Rft	626.62	Rft	Rs.	184,978/-
17	Providing and Fixing 4" gully trape of approved quality including cement concrete cost of PVC grating 6" x6" (150 x 150 mm) and masonry chamber 12"x12" (300 x 300 mm). (314/3).	4.00 Nos	4,139.00	Each	Rs.	16,556/-
18	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (40/1).	2,077.59 Cft	1,624.63	% Cft	Rs.	33,753/-
19	Supplying earth from approved outside sources within a radius of 5 miles (8 km) including digging, loading and unloading and filling in foundation trenches, plinth or under floor, etc. including breaking clods, dressing, watering and consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction complete within a lead of one chain (30.5 R.m) and lift of 5 feet (48/8).	2,077.59 Cft	3,254.05	% Cft	Rs.	67,606/-
20	Providing & fixing uPvc floor trape of sizes with gratings including cutting and making the requisite number of holes in walls, plinth and floors and making good in 1:2:4 C.C 3" dia (556/30).	1.00 No	929.28	Each	Rs.	929/-
21	Providing & fixing uPvc floor trape of sizes with gratings including cutting and making the requisite number of holes in walls, plinth and floors and making good in 1:2:4 C.C 3" dia (556/30).	1.00 No	1,459.43	Each	Rs.	1,459/-

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**M. A. H. Q.**  
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 TECHNICAL SYSTEMS



22	Providing G.I. pipes, specials, and clamps etc., including fixing, cutting and fitting complete with and including the cost of breaking through walls and roof, making good etc. painting 2 coats after cleaning the pipe etc. with white zinc paint with pigment to match the colour of the building and testing with water to a pressure head of 200 feet (61 MI and cartage within 10 miles. (16.09 K.M.) 3/4" inch (20 mm) dia pipe (564/2).	246.00 Rft	257.38	Rft	Rs.	63,315/-
23	Excavation for foundation trenches and drains in all kinds of soil (except gravelly and murum soil, wet silt, clay or mud conglomeration of gravel and boulders, soft, sandy or disintegrated sandy and hard rock) and back filling the excavated material in foundation, plinth or under floor including breaking clods, watering, consolidation by ramming in layers not exceeding 9 inches (229 mm) in depth to full compaction, dressing and disposal of surplus excavated stuff as directed, lead upto one chain (30.5 R.m) and lift upto 5 feet (40/1).	670.99 Cft	1,624.63	% Cft	Rs.	10,901/-
					Rs.	899,746/-

**A-SUB-HEAD PUBLIC HEALTH WORKS.**

**B-SUB-HEAD NON SCHEDULE WORKS**

Total Amount of sub-Items =

Rs. 1,161,917/-

1	Providing and fixing 15 mm dia C.P wash basin mixer with C.P. of "Master or Sonex Approved Equivalent", Porta or approved equal complete including pipe connections, all fittings, testing etc (14-27-a).	3.00 Nos		Each	Rs.	
2	Providing and fixing 15 mm dia C.P Sink mixer with C.P' pipe . of "Master or Sonex Approved Equivalent", Porta or approved equal complete including pipe connections, all fittings, testing etc (14-27-a)	1.00 Nos		Each	Rs.	
3	Providing and constructing 2'x2' manhole with brick work including excavation, backfilling, RCC work PCC 1:2:4 cambering, plastering in 1:4 inside & outside, water proofing etc., upto 6' depth and size including ladder top slab, 18" heavy duty C.I. Manhole cover with frame "ALPINE INDUSTRIAL CON", "CME", "NPC SUPER" as shown on the drawings, complete in all respect as per specifications and drawings.(06-07-d-05).	3.00 Nos		Each	Rs.	
4	Providing and making top khurra/R.W.C.B using 3" thick plain cement concrete 1:2:4 matching with roof tiles with steel trowel finishing at desired level including curing, finishing, complete in all respect as per specifications and drawings size (2'x2'). (10-15-05) (3/15) (MS Attach 1-7024)	9.00 Nos		Each	Rs.	

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STRUCTURAL SYSTEMS

5	Providing and installing ball valves of following nominal dia, Dadex/Kitz make or approved Equaivalent, including jointing, fitting, painting, testing, complete in all respects to match with PPR and PE pipes of following diameters (32 mm dia). (14-119). (23/45) (MRS AH-2024)	5.00 Nos		Each	Rs.
6	Providing and installing ball valves of following nominal dia, Dadex/Kitz make or approved Equaivalent, including jointing, fitting, painting, testing, complete in all respects to match with PPR and PE pipes of following diameters (40 mm dia). (14-119). (23/45)	1.00 No		Each	Rs.
7	Providing and installing ball valves of following nominal dia, Scon/Kitz make or approved Equaivalent, including jointing, fitting, painting, testing, complete in all respects to match with following G.I pipe diameters 3/4" dia. (14-119). (23/45) (MRS AH-2024)	1.00 No		Each	Rs.
8	Providing, fixing, cutting, jointing and testing uPVC Vent Cowel on Vent Pipes with solvent cement jointing, DADIX or approved equivalent, rates include cost of cutting & pipe fittings of the following diameter 2" dia. 14-170 (23/45) (MRS AH-2024)	2.00 Nos		Each	Rs.
9	Providing, laying, fixing and testing PVC waste, vent and rain water pipe or equivalent BS specifications including PVC fittings with solvent cement jointing or rubber ring joints, Voda Pipe Or Approved Equivalent make as approved by the Engineer complete in all respects 3/4" (20 mm dia). 14-144-e	262.40 Rft		Rft	Rs.
10	Providing, laying, fixing and testing PVC waste, vent and rain water pipe or equivalent BS specifications including PVC fittings with solvent cement jointing or rubber ring joints, Voda Pipe Or Approved Equivalent make as approved by the Engineer complete in all respects 2" (50 mm dia). 14-144-f	328.00 Rft		Rft	Rs.
11	Providing, fixing & testing Transfer Pumps installed on water supply line, coupled with electric motor, Grundfos make or Approved equivalent Q-20 GPM, H-60 ft. (24-98-ft) (23/45) (MRS AH-2024)	1.00 No		Each	Rs. (-)
<b>B-SUB-HEAD NON SCHEDULE WORKS</b>					
					Rs.

Total excluding tax# 14,144 =

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*M.A. Qureshi*

**M.A. Qureshi**

design and architecture

PROPERTY SYSTEMS

Note: All HSE schedule items have been fetched from MRS 1-2024 (KPK) unless noted otherwise.



EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

SCHEDULED ITEMS

Vol-1 (Main Buildings)  
Based on 2022 PWD Rates

1.1	CIRCUIT WIRING (Part-A)	Rs.	685,289
1.2	CIRCUIT WIRING (PART-B)	Rs.	991,450
2.0	PVC CONDUITS & PVC DUCTS	Rs.	717,225
3.0	POWER CABLES	Rs.	666,340
4.0	SWITCHES & SOCKETS	Rs.	225,072
5.0	FITTING FIXTURES AND FANS	Rs.	1,345,580
6.0	PUBLIC EVACUATION SYSTEM	Rs.	616,078
7.0	CCTV SYSTEM (IP Based)	Rs.	96,910
8.0	CCTV SYSTEM	Rs.	1,626,839
9.0	SPLIT AC SYSTEMS	Rs.	1,991,778
10.0	ATS PANEL FOR GENERATOR	Rs.	289,735
11.0	INVERTER (UPS)	Rs.	289,178
12.0	DISTRIBUTION BOARD	Rs.	208,165
13.0	Cable Tray	Rs.	142,415

Scheduled Items - Based on 2022 PWD Rates Rs. 9,036,651

Scheduled Items - Based on 1st Bi-Annual 2024  
Distt. Attock Rs. 855,403

Total Rs. 9,892,054

NOTE: No premium shall be added on Sr No. 6, 7, and 13 above.

Signed & Stamped Of Contractor

*Signature*

*Signature*



*Recommended as submitted by the consultant.*

*M. AL AHMAD XEN*

**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1.0	<b><u>CIRCUIT WIRING</u></b>					
1.1	<b><u>CIRCUIT WIRING (Part-A)</u></b>					
a	Wiring for light, fan or call bell point with 1.5mm <sup>2</sup> single core, PVC insulated wire copper conductor wire in 20mm (3/4") dia PVC conduit fitted on surface, including 1mm <sup>2</sup> single core PVC Insulated wire as ECC as required. (Switchboard to Fan)	2-11-01	50	Point	2,945.00	147,250
b	Wiring for light, fan or call bell point with 1.5mm <sup>2</sup> single core, PVC insulated wire copper conductor wire in 20mm (3/4") dia PVC conduit recessd in wall or colum,roof etc. including 1mm <sup>2</sup> single core PVC insulated wire as ECC as required. (Switchboard to First Point)	2-11-01	112	Point	2,945.00	329,840
c	Extension/Additional wiring for light, fan, call bell or light plug point, controlled with same switch with 1.5mm <sup>2</sup> PVC insulated wire in 20 mm (3/4") dia PVC conduit recessed in the wall, column or roof including 1mm <sup>2</sup> single core, PVC insulated wire as ECC as required. (For Light Point to Light Point Wiring)	2-13-01	165	Point	1,139.00	189,074
d	Wiring for two way light point with 1.5mm <sup>2</sup> single core, PVC insulated wire copper conductor wire in 20mm (3/4") dia PVC conduit recessd in wall or colum,roof etc. including 1mm <sup>2</sup> single core PVC insulated wire as ECC as required. (For Two Way Light Point)	2-11-03	5	Point	3,825.00	19,125
					<b>Total - 1.1</b>	<b>685,289</b>
	<b><u>CIRCUIT WIRING (PART-B)</u></b>					
e	Wiring for submain with 2 x 1.5mm <sup>2</sup> , PVC insulated wire 300/500 voltsgrade, singlecore, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1mm <sup>2</sup> PVC insulated wire single core wire as ECC as required (complete composite rate of all three cables). (Switchboard to Nearest 10A Socket) 5' Avg	2-35-01	0	Rft	99.00	-
f	Wiring for submain with 2 x 2.5mm <sup>2</sup> , PVC insulated wire 300/500 voltsgrade, singlecore, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required (complete composite rate of all three cables). (MCB to Light Point, MCB to Switchboard) 45' Avg	2-35-02	2016	Rft	137.00	276,192

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**  
**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
g	Wiring for submain with 2 x 2.5mm <sup>2</sup> , PVC insulated wire 300/500 voltsgrade, singlecore, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (Switchboard to Switchboard) 25' Avg	2-35-02	800	Rft	137.00	109,600
h	Wiring for submain with 2 x 2.5mm <sup>2</sup> , PVC insulated wire 300/500 voltsgrade, singlecore, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (MCB to 10A Socket)	2-35-02	756	Rft	137.00	103,572
i	Wiring for submain with 2 x 2.5mm <sup>2</sup> , PVC insulated wire 300/500 voltsgrade, singlecore, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (10A Socket to 10A Socket) Avg 20'	2-35-02	504	Rft	137.00	69,048
j	Wiring for submain with 2 x 4mm <sup>2</sup> , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (For MCB to 15A Socket) Avg 75'	2-35-03	450	Rft	195.00	87,750
k	Wiring for submain with 2 x 4mm <sup>2</sup> , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (15A Socket to 15A Socket) Avg 30'	2-35-03	70	Rft	195.00	13,650

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
i	Wiring for submain with 2 x 4mm <sup>2</sup> , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (MCB to 13A Socket) Avg L 80'	2-35-02	96	Rft	137.00	13,152
m	Wiring for submain with 2 x 4mm <sup>2</sup> , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 20mm (3/4") dia PVC conduit recessed in the wall, column and roof etc including 1.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required.(complete composite rate of all three cables). (13A Socket to 13A Socket) Avg L 20'	2-35-02	72	Rft	137.00	9,864
n	Wiring for submain with 2 x 6mm <sup>2</sup> , PVC insulated wire 300/500 volts grade, single core, stranded copper conductor wire in 25mm (1") dia PVC conduit recessed in the wall, column and roof etc including 2.5mm <sup>2</sup> PVC insulated wire single core wire as ECC as required. (complete composite rate of all three cables).	2-35-04	672	Rft	245.00	164,640
o	Wiring for submain with 2 Core 1.5mm <sup>2</sup> stranded copper conductor PVC insulated and PVC sheathed circular/flat including 1mm <sup>2</sup> single core PVC insulated wire as ECC in 20mm(3/4") dia PVC conduit. (From Slab to False Ceiling)	2-39-01	1263	Rft	114.00	143,982
					<b>Total - 1.2</b>	<b>991,450</b>
					<b>Sub Total -1.0</b>	<b>1,676,739</b>
<b>2.0</b>	<b><u>PVC CONDUITS &amp; PVC DUCTS</u></b>					
a	Supply & fixing 20mm (3/4") dia PVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	2-61-01	6277	Rft	45.00	282,465
b	Supply & fixing 25mm (1") dia PVC conduit with all especial such as bends, sockets, Junction etc fitted on surface as required.	2-61-02	850	Rft	58.00	49,300
c	Supply & fixing 20mm (3/4") dia PVC conduit with all especial such as bends, sockets, junction etc recessed in the wall or floor as required.	2-61-01	2922	Rft	45.00	131,490

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
d	Supply & fixing 25mm (1") dia PVC conduit with all especial such as bends, sockets, junction etc recessed in the wall or floor as required. (For Public Addressing System, CCTV System)	2-61-02	2290	Rft	58.00	132,820
e	Supply & fixing 30mm (1-1/4") dia PVC conduit with all especial such as bends, sockets, junction etc recessed in the wall or floor as required.	2-61-03	250	Rft	73.00	18,250
f	Supply & fixing 40mm (1-1/2") dia PVC conduit with all especial such as bends, sockets, junction etc recessed in the wall or floor as required.	2-61-04	100	Rft	95.00	9,500
g	Supply & fixing 50mm (2") dia PVC conduit with all especial such as bends, sockets, junction etc recessed in the wall or floor as required.	2-61-05	200	Rft	231.00	46,200
h	Providing and fixing of 25mmx25mm PVC duct on surface as required.	2-61-13	300	Rft	78.00	23,400
i	Providing and fixing of 40mmx40mm PVC duct on surface as required.	2-61-18	200	Rft	119.00	23,800
<b>Sub Total - 2</b>						<b>717,225</b>
<b>3.0</b>	<b><u>POWER CABLES</u></b>					
a	<b>4 Core Cables (PVC/PVC Insulated) CU.Cond</b> Providing and laying 4 core 16 mmsq. PVC insulated & PVC sheated 600/1000 volts grade with stranded copper conductor, unarmoured LT cable in existing all kind of conduit or cable duct as per Pak PWD specification as required.	3-02-2-01-b	350	Rft	1,490.00	521,500
b	Providing and laying 4 core 10 mmsq PVC insulated & PVC sheated 600/1000 volts grade with stranded copper conductor, unarmoured LT cable in existing all kind of conduit or cable duct as per Pak PWD specification as required.	3-02-2-01-a	90	Rft	1,122.00	100,980
	<b>1 Core Cables (PVC Insulated) CU.Cond</b>					
c	Supply and drawing of 16 mm <sup>2</sup> , single core PVC insulated wire in all kinds of existing or given conduit/cable duct as required.	2-26-06	150	Rft	209.00	31,350
d	Supply and drawing of 10 mm <sup>2</sup> , single core PVC insulated wire in all kinds of existing or given conduit/cable duct as required.	2-26-05	90	Rft	139.00	12,510
<b>Sub Total - 3</b>						<b>666,340</b>



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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
<b>4.0</b>	<b><u>SWITCHES &amp; SOCKETS</u></b>					
a	Providing and fixing 10 Amps Polycarbonate flame retardant SP Switch with fancy required gang plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-01	45	Each	471.00	21,195
b	Providing and fixing 10 Amps Polycarbonate flame retardant two way switch with fancy Gang Plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-02	2	Each	531.00	1,062
c	Providing and fixing 10 Amps Polycarbonate flame retardant 2 Pin Switch socket unit (Universal) with fancy Gang Plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-04	30	Each	933.00	27,990
d	Providing and fixing 13 Amps Polycarbonate flame retardant 3 Pin Switch socket unit with fancy Gang Plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-05	4	Each	1,120.00	4,480
e	Providing and fixing 15 Amps Polycarbonate flame retardant 3 Pin Switch socket unit with fancy Gang Plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-06	5	Each	1,290.00	6,450
f	Providing and fixing Polycarbonate flame retardant fan dimmer with plate fixed on die fabricated, powder coated, metal board recessed in the wall or column including connection as required.	2-66-11	50	Each	1,197.00	59,850
g	Supply of following switches and sockets to be installed on already mounted MS Powder coated backbox complete in all respects. (For Technology boxes/Floor Boxes/Light Switch Plates) Reference (Chapter # 2 "Basic Rates of Material)					
i	One Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-195	4	Each	330.00	1,320
ii	Two Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-196	11	Each	385.00	4,235
iii	Three Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-197	8	Each	495.00	3,960
iv	Four Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-198	9	Each	605.00	5,445
v	Five Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-199	5	Each	660.00	3,300
vi	Six Gang Plate with 10 amps S.P Switch (Schneider/ Philips)	2-200	4	Each	825.00	3,300

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RENOVATION OF BHAJI JOGA SINGH, PESHAWAR

ELECTRICAL & ALLIED WORKS

SCHEDULED ITEMS

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
vii	One Gang 2 way Switch (Schneider/ Philips)	2-201	2	Each	715.00	1,430
viii	10 Amps 3 Pin Switch Socket (Schneider/ Philips)	2-203	30	Each	750.00	22,500
ix	15 Amps 3 Pin Universal Switch Socket (Schneider/ Philips)	2-204	4	Each	920.00	3,680
x	15 Amps 3 Pin Power Switch Socket (Schneider/ Philips)	2-205	5	Each	1,075.00	5,375
	400 Watts Fan Dimmer (Schneider/ Philips)	2-207	50	Each	990.00	49,500
					<b>Sub Total - 4</b>	<b>225,072</b>
<b>5.0</b>	<b><u>FITTING FIXTURES AND FANS</u></b>					
a	Providing, installation, Testing and Commissioning of recessed/surface mounted ceiling lights/downlights including driver, having warm/neutral white/cool white colour, 80/90 km/watts efficiency, 0.9 or above power factor, 20000-25000 hours life cycle including connection, complete in all respect as approved by the engineer incharge (Phillips, Ostam, GE, Thorn)					
i	6-8 Watts Wall Light	2-77-01-b	24	Each	1,945.00	46,680
ii	9-10 Watts SMD	2-77-01-c	6	Each	2,330.00	13,980
iii	14-15 Watts SMD	2-77-01-e	154	Each	2,935.00	451,990
iv	14-15 Watts Wall Light	2-77-01-e	4	Each	2,935.00	11,740
v	16-18 Watts Tube Light	2-77-01-f	7	Each	3,848.00	26,936
vi	22-24 Watts COB	2-77-01-g	52	Each	4,585.00	238,420
vii	22-24 Watts 3 in 1 Track Light	2-77-01-g	18	Each	4,585.00	82,530
b	Providing and installing of 45cm (18") sweep Wall Bracket fan with blades, regulator and Pulling cord switch fitted on wall or column with GI clip including connections as required. (Pak, Royal, GFC, Younas, Millat)					
		2-81-03	1	Each	5,854.00	5,854
b	Providing and installing of 140cm (56") sweep ceiling fan with blades, conopy, standard length of down rod including connection with 14.0076" flexible wire complete as required (without regulator) (Pak, Royal, GFC, Younas, Millat)					
		2-80-03	50	Each	9,349.00	467,450
					<b>Sub Total - 5</b>	<b>1,345,580</b>
<b>6.0</b>	<b><u>PUBLIC EVACUATION SYSTEM</u></b>					
	Equipment make: TOA (Japan) / ITC (China) / COFAM (Spain) PA System Cable make: Ventilux(UK) / ELAN (EU) / Approved Eqv Conduit Make: Plasco/Beta/Dadex Pipes/Approved Eqv					

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**  
**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
6.01	Supply, Installation & Commissioning of <b>recessed/surface mounted Speakers</b> of specified capacity housed in metallic enclosure with builtin 70v/100v transformer, aluminium grill, SPL (Sound Pressure Level) (1W / 1M)= 92dB max 99dB, frequency response 130-13 Khz, EN-54 compliant, Including cost of all accessories and materlas, complete in all respect made of Ecler Europe/Bosch/ Norden / Honey Well or equivalent as approved and directed by the Engineer Incharge					
i	a) <b>Ceiling mounted speaker</b> (i) 6 Watt	MRS 1-2024 Atk 24/156(a)(i)	18	Each	6,776.65	121,980
ii	b) <b>Column Type Speaker</b> (i) 10-15 Watt	MRS 1-2024 Atk 24/156(b)(i)	4	Each	44,334.75	177,339
6.02	Supply, Installation of <b>Microphone</b> of specified quality as per requirement made of : Norden, Bosch, Honeywell. Complete in all respect. as approved and directed by Engineer Incharge.					
	iii) <b>Handheld Microphone with Stand</b>	MRS Atk 24/161(iii)	1	Each	48,953.90	48,954
6.03	Supply, Installation and commissioning of <b>Power / Mixer Amplifier</b> of specified wattage, Including cost of all necessary accessories / materials, complete in all respects made of Ecler Europe/Bosch/ Norden / Honey Well or Equivalent or as approved and directed by Engineer Incharge.					
i	v) 240 Watt	MRS 1-2024 Atk 24/158(v)	1	Each	267,805.30	267,805
	<b>Note:-</b> Above mentioned system should be complete in all respect for proper functioning including cost of items mentioned or not.					
					<b>Sub Total - 6</b>	<b>616,078</b>
7.0	<b>CCTV SYSTEM (IP Based)</b>					
	Equipment make: Alco(USA) / Honeywell (USA) / Samsung (Korea) CCTV System Cable make: Ventilux(UK) / ELAN (EU) / Approved Eqv Conduit Make: Plasco/Beta/Dadex Pipes/Approved Eqv					


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Technical Branch  
Govt of Pakistan

**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**  
**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
7.01	Supply, Installation and commissioning of 19" Rack Mounted of specified, UTP Patch Panel with specified toolless support & Rear Cable Management, UL listed, Loaded with UTP of specified Keystone Jack Toolless Support. Made of Schneider / Norden /3M Corning/D-Link, Pollo Australia or equivalent approved manufacturer and Directed by Engineer Incharge.					
i	ii) CAT-6A (24 Port Patch Panel with Toolless Support 10-Gigabit)	MRS1-2024 (Atk) 24/ 120(ii)	1	Each	36,221.60	36,222
7.02	Supply, installation and connections of CAT-6A UTP (Unshielded Twisted Pair), patch cord of specified length, Factory Fabricated and UL Listed with anti Snag Boots- Gold over nickel plated made of Schneider, Pollo Australia or equivalent approved manufacturer and directed by Engineer Incharge.					
i	1 meter Patch Cord	MRS 1-2024(Atk) 24/115(i)	17	Each	3,174	53,965
ii	3 Meter Patch Cord	MRS 1-2024(Atk) 24/115(ii)	2	Each	3,362	6,724
	<b>Note:-</b> Above mentoned system should be complete in all respect for proper functioning including cost of items mentioned or not.					
					Sub Total - 7	96,910

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RENOVATION OF GORDAWARA BHAI JOGA SINGH, PESHAWAR

ELECTRICAL & ALLIED WORKS

SCHEDULED ITEMS

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
8.0	<b>CCTV SYSTEM</b>					
8.01	Supply, installation, testing and commissioning of Bullet IP camera having following specifications: Image device, at least 1/3 inch, Resolution and Frames/Sec: At least 4MP/25fps, Video Compression: H.265,H.264, MJPEG, Focal Length: Fixed of 2.8mm,4mm or 8mm. Min Illumination: 0 Lux(B/W), 0.15 lux(Colour), Infrared viewable length: At least 30m, Weather proof Standard IP-66 at least, Vandal proof Standard: Atleast IK10, complete in all respects as approved by Engineer Incharge.	8-4-04	8	P/Job	59,367.00	474,936
8.02	Supply, installation, testing and commissioning of Mini Dome IP camera having following specifications: Image device, at least 1/3 inch, Resolution and Frames/Sec: At least 4MP/25fps, Video Compression: H.265,H.264, MJPEG, Focal Length: Fixed of 2.8mm,4mm or 8mm. Min Illumination: 0 Lux(B/W), 0.15 lux(Colour), Infrared viewable length: At least 30m, Weather proof Standard IP-66 at least, Vandal proof Standard: Atleast IK10, complete in all respects as approved by Engineer Incharge.	8-4-05	9	P/Job	60,577.00	545,193
8.03	Wiring of CCTV camera with UTP cat -6 in existing PVC conduit/duct including connectors complete in all respect as approved by the Engr. Incharge.	8-5-01	1428	P/Mtr	243.00	347,004
8.04	Providing, Punchin, Testing and Commissioning of RJ-45 connector, complete in all respect as approved by the engineer incharge.	8-05-03	17	Each	265.00	4,505
8.05	Supply, installation,testing and commissioning of 32 Channel NVR 32 PoE/Poe+ ports habing following specifications: Max Recording Rate:256 Mbps. Embedded System: Linux or Latest, VGA and HDMI (Upto 4K support) and Dual Monitor Compression: H.265,H.264, MJPEG. Internal Storage upto 8 SATA (Max 48 TB) . External Storage : 1 e-SATA monitoring: Web viewer and Mobile viewer, Camera Support: ONVIF, complete in all respect as approved by the Engineer Incharge (Hanwhaa(Wisenet or Samsung,Panasonic,Bosch) or ONVIF passed total compliant model	8-6-04	1	P/Job	531,501.00	531,501
8.06	Providing,Fixing and Installing POE Giga bit switches, complete in all respect as approved by the engineer incharge as required 24 Port POE switch	8-7-01-c	1	P/Job	81,527.00	81,527

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**  
**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
8.07	Providing and Installing of LED smart TV latest model suitable for operation on 220/230V, 50 Hz supply including USB/HDMI ports, video in, Audio in, switchable to HDMI-I to HDMI-II via wireless remote, flexible cord, shoe, Wifi, bluetooth, wall bracket, rawal bolts etc. complete with electric connection, as approved by the engineer incharge as required.					
i	40-42 Inch	8-8-01-b	1	P/Job	117,109.00	117,109
					<b>Sub Total - 8</b>	<b>1,626,839</b>
9.0	<b>SPLIT AC SYSTEMS</b>					
9.01	Providing, Installation, testing and commissioning of Split Type Wall Mounted Air Conditioner, DC Inverter, in the specified place. The Job includes connection of Copper Piping of Outdoor unit fitted on roof or angle iron frame, making inter connection of the unit with suitable sizes of wire also piping for condensed water etc as required approved make (Imported).					
i	0.9 Ton-1.0 Ton(10800 BTU-12000 BTU)	6-1-03-a	6	Job	175,945.00	1,055,670
i	1.5 Ton-1.6 Ton(18000 BTU-19500 BTU)	6-1-03-b	2	Job	272,454.00	544,908
9.02	Providing installation, testing and commissioning of Refrigerant Copper Pipe, 22 Gauge with all type of fittings like elbow, clamping aeroflex, insulation, wrapping tape etc complete in all respect as approved by the engineer incharge.					
i	5/8"	6-4-01-d	480	Rft	815.00	391,200
					<b>Sub Total - 9</b>	<b>1,991,778</b>
10.0	<b>ATS PANEL FOR GENERATOR</b>					
10.01	Providing, Installation, Testing and Commissioning of 400 Volts, 3 Phase, 3 Pole, ATS Panel, with MOR, duly powder coated, painted, having magnetic contractor, mechanical interlocking, emergency stop system, ATS module, battery charger, auxiliary relays, voltmeter, ampere meter, frequency meter, selector switch, indication lights, copper bus bars, timers, including wiring, locking arrangements, etc. complete in all respect as approved by the Engineer Incharge.					
i	30 KVA	9-1-03-c	1	Job	289,735.00	289,735
					<b>Sub Total - 10</b>	<b>289,735</b>
11.0	<b>INVERTER (UPS)</b>					
11.01	Providing, Installation, Testing and Commissioning of Online UPS with standard backu of 15-20 minutes, suitable for operation at 220/240 volts, 50 Hz, Single phase AC supply, including connections, complete in all respect as approved by the Engineer Incharge.					
	2 KVA	9-2-01-c	1	Each	236,225.00	236,225



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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)
11.02	Providing, Installation, Testing and Commissioning of Lead Acid Battery 12 Volt, including making connectuin with suitable flexible wite (5 Meters approximately), thimbles, including making connections etc. complete in all respect as approved by the Engineer Incharge.					
i	220-240 AH	9-4-02-g	1	Each	52,953.00	52,953
					<b>Sub Total - 11</b>	<b>289,178</b>
<b>12.0</b>	<b><u>DISTRIBUTION BOARD</u></b>					
12.01	Providing and Fixing Cubical type metal sheet Distribution Board with locking arrangement as per drawing, vrmn protect duly powder coated paint, i/c all fastening material including wiring with suitable guage PVCxPVC wire complete as required.	2-73-01	12	P/Sft	6,006	72,072
12.02	Providing and fixing three phase 15 to 90 Amps, 400/440 Volts Energy meter fitted on existing board I/C connection as Required (Syed Brothers, PEL)	2-76-02	2	Each	19,860	39,720
12.03	Providing and Fixing 6 to 32 Amps, S.P MCB fixed on existing board, I/C inter connection as required	2-71-01	67	Each	870	58,290
12.04	Providing and Fixing 6 to 32 Amps, D.P MCB fixed on metal board, recessed in the wall duly covered with fiber sheet, i/c interconnection as required.	2-72-01	4	Each	2,410	9,640
12.05	Providing and Fixing 15 to 60 Amps,(Low Breaking Capacity) T.P MCCB fixed on metal board, recessed in the wall duly covered with fiber sheet, i/c interconnection as required.	2-72-02	3	Each	9,481	28,443
					<b>Sub Total - 12</b>	<b>208,165</b>
<b>13.0</b>	<b><u>Cable Tray</u></b>					
13.01	<b>Powder Coated Ceiling Suspended / Horizontal Cable Tray</b> Make: Quality Switchgears / ERCON / Ravi Switchgear / Bilal Eng / Approved Eqv as per Annex-A Providing and fixing cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage, size and depth duly supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16" and MS patti of 1-1/2"x3/16" size@3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. -2 M.S threaded hanging rod 1/2" dia. Length 12" or as required as per site. -M S strip 2" wide x 1/4" thick. -Hilti rawal bolts as per required quantity & size.					



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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**

**ELECTRICAL & ALLIED WORKS**

**SCHEDULED ITEMS**

S.No.	Description	Ref	Qty	Unit	Rate (Rs.)	Amount (Rs.)	
	-Complete hanging system shall be installed at every 36".						
	The cable tray shall be complete in all respects including cost of all accessories / materials. Cable tray shall be of the following sizes.						
	(a) 14 SWG						
	(i) 12"x4	MRS 1-2024 (Atk) 24/102(a)(i)	100	R.ft	1,424.15	142,415	
	<b>Important Note:</b> Actual length of the cable tray shall be measured at site duly by the contractor under the presence of Engineer Incharge, complete in all respects. Above mentioned lengths are the estimated lengths which are required at site. The contractor shall submit the shop drawings, samples of the brand selected for procurement of cable trays, complete compliance report with BOQ specs prior to the procurement. <b>Note:</b> Contractor is advised to confirm the sizes, running lengths and termination as per site conditions before commencement of work. All the conduits / cable tray crossings through partition walls shall be property sealed by fire retardant material after installation.						
					<b>Sub Total - 13</b>	<b>142,415</b>	
	<b>Total Carried Over to Summary of Costs (A)</b>					<b>Rs.</b>	<b>9,892,054</b>

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design and  
structure

Excludes: C) Public Evacuation System = ( ) 175/-  
 D) CCTV System (IP Based) = ( ) 20,000/-  
 E) Cable Tray = ( ) 142,415/-  
 Sub Total (E) = 142,415/-  
 Net Total (A-E) = 9,749,639/-

*M. Amir*

Note: The above mentioned excluded items i.e. Public Evacuation System, CCTV system (IP Based) and Cable Tray having a cumulative amount appearing at Subtotal (E) i.e. Rs. 142,415/- have been prepared based on MRS (1-2024) Atk District House. No premium shall be paid thereon and shall be constructed under Non-Schedule items.



EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (i) Closure of Basement

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>B - NON SCHEDULE ITEMS</b>								
1.0 - WATER PROOFING						1st Bi-Annual 2024 - Distt Attock		
1	Ch -9	46 (i)	Providing and applying torch-on plain water proofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit ) duly lapped / connected by heating with Torch over ps-6 primer i/c preparation / smoothen the surface complete in all respect as approved and directed by the Engineer Incharge. (i) 3mm thick	2305.6	Sft		Sft	
<b>TOTAL COST - CIVIL WORKS (NON SCHEDULE ITEMS) - Rs.</b>								

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 Peshawar

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 ASHAFUDDIN  
 PESHAWAR

Recommended, as prepared &  
 submitted by the consultant  
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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (ii) Removal of Additional Load & Roof Treatment

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates -2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>B - NON SCHEDULE ITEMS</b>								
<b>1.0 - FORM WORK FOR SUPPORT EXISTING SLAB</b>								
1	N.S		Fixing of temporary arrangements of form work for support the existing slab structure with special care consisting of steel pipes, girders, carrougated sheets for avoid damaging any structure members, at any height, including assembling, stacking and removal of formwork from site. (duration 3 months)	1.0	Job		Job	
<b>TOTAL COST - NON SCHEDULE ITEMS - Rs.</b> (Removal of Additional Load & Roof Treatment)								

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Recommended as,  
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 by the consultant

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref;
<b>(i) Civil Works - Main Building Renovations</b>							
<b>B - NON SCHEDULE ITEMS</b>							
22	Mechanical cleaning of Paint from decorative work with great care.	6719.91	Sft		Sft		R.A#01
23	Dressed brick masonry with special size (8"x 4" x 2.5") 1st class brick laid in (1:2) lime + surkhi mortar including ornamental recessed pannel and also including removal of surplus debris, unused material and byproducts, complete in all respects.	965.23	Cft		% Cft		R.A#02
24	Provision for Under pinning with Cut Design,carved brick work in geometrical ,flower and calligraphy work special size (8"x4"x2.5") coal burnt brick in (1:2) lime + surkhi mortar of Ground Floor at any height.(0.75 feet average)	296.39	Sft		Sft		R.A#03
25	Major Repairing works of existing ground floor roof with Tee iron (2"x2"x1/4") and 1st class deodar wooden planks including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all new members as per the satisfaction of Site Incharge:	1586.40	Sft		Sft		R.A#04
26	Repairing works of existing wooden items (Top canopies) including removal of damaged portion, repairing and rectifying damage and reinstalling to match with existing including all new hardwares like tower bolt, hinges and earl drawer / Locking arrangements etc, Fix Opening and closing issues as per the satisfaction of Site Incharge:	2286.00	Sft		Sft		RA#05
27	Providing and fixing ornamental design 1st class deodar wooden door / windows of specified thickness with solid wood i/c the cost of Tower bolt and handles complete in all respect as approved and directed by the Engineer Incharge	711.95	Sft		Sft		RA#06

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref;
28	Provision for filling of joints of old masonry with (1:2) 1 part of lime +2 fine kanker lime at any height, complete in all respect.	18403.06	Sft		%Sft		RA#07
29	Providing and Laying Ziarat White Marble (12" x 24") floor 2" Thick in as per existing design with 3/4" Black Linning, Over a bed of 1" thick mortar cement sand mortar 1:3 and Laid with 1:3 Including rubbing, grinding and polishing etc. complete in all respects as per instruction of site incharge.	7427.86	Sft		Sft		RA#08
30	Kankar Lime plaster 1" thick on average consisting of 3/4"thick under coat in ratio (1:1½:3) (1 White Lime, 3 fine kanke lime! and 4 course kanker limr). The 1/4" thick 2nd layer of Lime mortar ratio (1:3) (1 White Lime and 3 fine kanker lime!) and mixed with chopped jute @ 2kg % Sft in the two layer of the coat plaster. This work includes ornamental recessed panels arches, ghaltas, niches and figures. It also includes formwork, curing etc complete in all respect.	2250.00	Sft		%Sft		RA#09
31	Providing & fixing of 3" dia GI pipe for strengthen the Existing structure, including cost of screws, welding, base plates 12"x12"x3/8" top & bottom, etc., Complete in all respects.	622.48	Rft		Rft		RA#10
32	Filling of Vertical cracks in walls using of 1 nos 3/8" dia steel Bars (Size of stitches = 2'x0.5'x0.5' @ 1' C/C) and grouting with cement gun in (1.2) cement sand mortar including cutting the chase of required size including repairing the damaged face, complete.	18403.06	Rft		Rft		RA#11
33	Providing and applying of Carbon Fibre-reinforced polymer (CFRP) wrapping system as approved, after cleaning the surface, as per manufacturer recommendations, etc., Complete in all respect.	634.66	Sft		Sft		RA#12

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

Sr. No	Detail of work	Quantity	Unit	Rate Rs	Unit Rate	Amount Rs	Ref;
34	GLASS WORK (CHINA GLASS) IMPORTED GLASS ON DOME ARE WALL MIXED WITH 50% GLUE, 50% CHALK POWDER, FINISHED WITH PLASTER OF PARIS I/C WRITING NAME ETC. (CALLIGRAPHY / FLOWERS) COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER ENCHARGE.	793.74	Sft		Sft		RA#13
35	Provision for Ghalib Kari Work 3" thick an average in ornamental design on plaster base (3/4:1:2) consisting of 2 1/2" thick under coat in two layers ratio (3/4:1:2) (3/4 White lime, 1 fine kanker lime and 2 course kanker lime) and 1/2" finishing layer of lime plaster (1:3) (1 White lime and 3 fine kanker lime) mixed with chopped jute an including making designs as per original complete in all respect.	118.75	Sft		Sft		RA#14
TOTAL COST - CIVIL WORKS (Renovation works) - Rs.							
Non Schedule Items							

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

1) Civil Works - (iv) External Works (RCC Wall - along the Main Building)

Sr. No.	Sub Head	Item No.	Item Description	QTY	Unit	PPWD-Schedule of Rates - 2022 (Rs.)	Unit Rate	Amount (Rs.)
<b>B - NON SCHEDULE ITEMS</b>								
1.0 - WATER PROOFING						1st Bi-Annual 2024 - Distt Attock		
1	Ch -9	46 (i)	Providing and applying torch-on plain water proofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit ) duly lapped / connected by heating withTorch over ps-6 primer i/c preparation / smoothen the surface complete in all respect as approved and directed by the Engineer Incharge. (i) 3mm thick	722.5	Sft		Sft	
<b>TOTAL COST - NON SCHEDULE ITEMS - Rs.</b> External Works (RCC Wall - along the Main Building)								

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EVACUEE TRUST PROPERTY BOARD, GOVT. OF PAKISTAN

RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

SUMMARY OF COST

NON SCHEDULED ITEMS

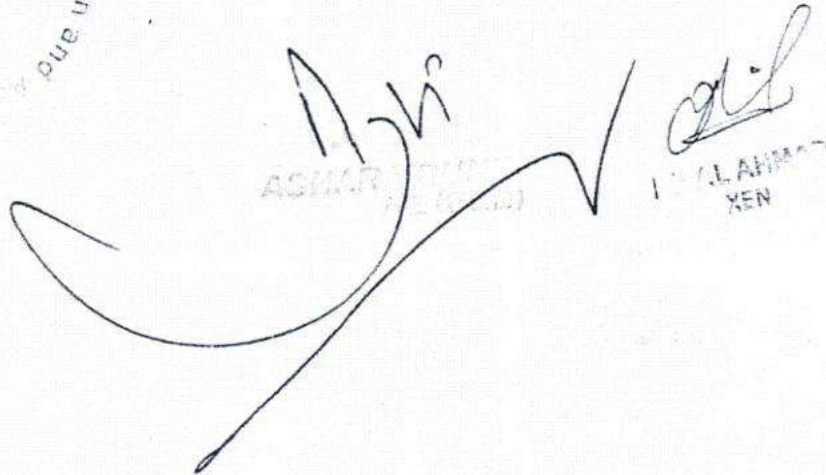
1.0	FITTING FIXTURES AND FANS	Rs.
2.0	CC TV SYSTEM (IP BASED)	Rs.
3.0	PUBLIC EVACUATION SYSTEM	Rs.
4.0	Cable Tray	Rs.

Total Rs. \_\_\_\_\_

Signed & Stamped Of Contractor



Signature and  
Stamp



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## RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR

## ELECTRICAL &amp; ALLIED WORKS

## NON SCHEDULED ITEMS

S. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
1.0	<b>FITTING FIXTURES AND FANS</b>				
4.01	<p>Lighting Fixtures: Vlux / Opplle / Osram / Avada / Pierlight / NVC / Approved Eqv as per approved manufacturer list (Annex-A)</p> <p>Providing ,installation ,testing and commissioning of the following <b>lighting fixture</b> including all accessories like mounting arrangement, electronic ballast, drivery circuitry etc. Including Transparent 2c1.5mmsq hanging wires for hanging lights, Complete in all respects.</p> <p>General Technical Specification includes color temperature ranging from 2700K to 6000K (As per the Consultant / Architect Approval), CRI:80, having lumen efficacy of atleast 80 lumen/watt and operational power factor of 0.9</p> <p>Imp Note: All lighting fixtures and fans will be according to the choice of architect/engr.incharge, complete in all respects. Contractor/manufacturer to get technical submittals of all lighting fixtures approved along with the submission of DIALux/Eqv Illumination study report, prior to the procurement complete in all respects.</p> <p>i Supply and installation of Mini Chandilier as per the choice of architect / engr incharge with complete hanging arrangement, complete in all respects. (Base price: 300,000/-) (Size 300mm) 1200,000/-</p> <p>ii Supply and installation of Chandilier as per the choice of architect / engr incharge with complete hanging arrangement, complete in all respects. (Base price:500,000/-) 235,000/- (Size 1000mm)</p>	1	Nos		
		1	Nos		
				Sub Total - 1	
2.0	<b>CCTV SYSTEM (IP BASED)</b>				
2.03	<p>Equipment make: Alco(USA) / Honeywell (USA) / Samsung (Korea)</p> <p>CCTV System Cable make: Ventilux(UK) / ELAN (EU) / Approved Eqv</p> <p>Conduit Make: Plasco/Beta/Dadex Pipes/Approved Eqv</p> <p>Supply and fabrication of close circuit junction boxes 16 SWG to be concealed in wall with 2 coats of antirust paint, earthing terminal, complete in all respects.</p> <p>i)Junction boxes of appropriate size 4"x7".</p>	1	Each		

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 Design  
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 MEP Consultant And  
 Contract Management Co.

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 Govt of Pakistan

**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR**  
**ELECTRICAL & ALLIED WORKS**

**NON SCHEDULED ITEMS**

S. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	<b>Note:-</b> Above mentioned system should be complete in all respect for proper functioning including cost of items mentioned or not.				
				Sub Total - 2	
<b>3.0</b>	<b>PUBLIC EVACUATION SYSTEM</b>				
	Equipment make: TOA (Japan) / ITC (China) / COFAM (Spain) PA System Cable make: Ventilux(UK) / ELAN (EU) / Approved Eqv Conduit Make: Plasco/Beta/Dadex Pipes/Approved Eqv				
3.01	Supply at site, installation and commissioning of <b>speakers wiring</b> , to be wired with PVC insulated, PVC sheathed twin core 2x1.5mmsq 300/500 Volt. Grade, in 1" dia PVC/UPVC Conduit class Electrical in including the cost of PVC conduit, wiring and conducting accessories, complete in all respects.	22	Nos		
3.02	Supply at site and fabrication of <b>public address junction boxes</b> 16 SWG to be concealed in wall with 2 coats of antirust paint, earthing terminal, complete in all respects.  i) Public address junction boxes of appropriate size 4"x7"x4" deep.	1	Nos		
	<b>Note:-</b> Above mentioned system should be complete in all respect for proper functioning including cost of items mentioned or not.				
				Sub Total - 3	
<b>4.0</b>	<b>Cable Tray</b>				
4.01	<b>Powder Coated Ceiling Suspended / Horizontal Cable Tray</b>  Make: Quality Switchgears / ERCON / Ravi Switchgear / Bilal Eng / Approved Eqv as per Annex-A Fabrication, supply at site and installation of Degreased, De-rusted, Hot Phosphate Dipped, duly Powder Coated (at least 100 Microns) and Perforated cable tray with cover made of M.S. sheet 14 SWG 8 ft. to 10 ft. long with sides 4" high with cover to be installed on wall, or in vertical, or above false ceiling in horizontal position or as shown on drawing, including cost of following:  -2 M.S threaded hanging rod 1/2" dia. Length 12" or as required as per site. -M.S strip 2" wide x 1/4" thick. -Hilti rawal bolts as per required quantity & size.				

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Contract Management Co.

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**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR  
ELECTRICAL & ALLIED WORKS**

**NON SCHEDULED ITEMS**

S. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	<p>Complete hanging system shall be installed at every 36".</p> <p>The cable tray shall be complete in all respects including cost of all accessories / materials. Cable tray shall be of the following sizes.</p>				
a	<p>6" X 4" MS Cable Tray 14 SWG &amp; MS Cover 18 SWG</p> <p><b>Important Note:</b> Actual length of the cable tray shall be measured at site duly by the contractor under the presence of Engineer Incharge, complete in all respects. Above mentioned lengths are the estimated lengths which are required at site.</p> <p>The contractor shall submit the shop drawings, samples of the brand selected for procurement of cable trays, complete compliance report with BOQ specs prior to the procurement.</p>	100	Rft		

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MEP SYSTEMS  
 Technology



**RENOVATION OF GURDAWARA BHAI JOGA SINGH, PESHAWAR  
ELECTRICAL & ALLIED WORKS**

**NON SCHEDULED ITEMS**

S. No.	Description	Qty	Unit	Rate (Rs.)	Amount (Rs.)
	<b>Note:</b> Contractor is advised to confirm the sizes, running lengths and termination as per site conditions before commencement of work. All the conduits / cable tray crossings through partition walls shall be properly sealed by fire retardant material after installation.				
				Sub Total - 4	
<i>Total Carried Over to Summary of Costs</i>					

**Note:**

- 1) It should be clearly understood by the contractor / bidder that the above mentioned items shall be complete in all respects, including cost of necessary materials / accessories whether mentioned or not but are required for proper functioning of the system shall be deemed to be included in the cost of each above mentioned items, no extra charge shall be paid or claimed by the contractor / bidder.
- 2) Contractor has to make sure all contingencies due to site constraints and authorities/landlord variations. Any modification and subsequent cost impact owing to Engineer Incharge approval shall be catered in the cost.
- 3) Furthermore the contractor shall establish sections and routing as per the site conditions and shall submit shop drawings of MEP systems before execution to Engineer Incharge.
- 4) MAR (Material Approval Request) of all items comprising of technical compliance and specifications, product genuineness certificate shall be submitted to consultant's office.  
MIR(Material Inspection Request) shall be carried out by Engineer Incharge in light of approved MARs.

Signed & Stamped Of Contractor




MEP SYSTEMS  
CONSULTANTS



# Gurdwara Project

## FAÇADE LIGHTING BILL OF QUANTITIES

RA  
CONSULTANT &  
CONTRACT  
MANAGEMENT CO.  
GULBERG, LAHORE

ADMO  
design



STRUCTURAL SYSTEMS  
Gulberg, Lahore

## ELECTRICAL &amp; ALLIED WORKS

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S. No.	Description	Qty	Unit	Rate	Amount
1.0	<b>LT SWITCHGEARS</b> Panel Manufacturers: Ercon / Ravi Switchgear / Quality Switchgear / South Asian Electric / Bilal Engineering / Approved Eqv from Annex-A Switchgear Brand: Terasaki(Japan) / Legrand(EU) / Approved Eqv from Annex-A PFI Relay+Capacitor: Nokian(Finland) / Shizuki(Thailand) / BTB / (Turkey)				
1.01	<b>Feeder Pillars (Water Tight)</b> <b>(Protection Class-IP-65)</b> Fabrication, supply at site, installation, testing, commissioning and connections of wires / cables of <u>water tight feeder pillar</u> open type to be installed on ground and where shown on drawing, made of MS sheet 16 SWG degreased and derusted, zinc phosphated, finished with electro-static powder coating of 150 micron thickness in approved colour, feeder pillar housing to comply with protection class IP-65 with hinged door, flexible earthing strap lockable handle, catcher, earthing bar, neutral strip, sun switch, timer, internal wiring from MCBs terminating on cable terminal blocks, including cost of all necessary materials complete in all respects. feeder pillar shall be manufactured by any one of the manufacturers as mentioned in List and as shown in drawing.  <b>Complete in all respect as per single line diagram.</b>	1	Job	150,000/- 200,000	150,000/- -200,000.00
2.0	<b>EXTERNAL LIGHTING</b>				
2.01	Poles Structure: Quality SG / Bilal Eng / South Asian Electric / Approved Eqv as per Annex-A Cables Make: Newage cables / Fast cables / Pakistan cables / Coppergat cables / Golden star cables Conduit: Plasco / Beta / Dadex pipes / Approved Eqv. Lighting Fixtures: Philips/Vlux/Opple/Pierlight/Approved Eqv as per Annex-A Supply and wiring of external light points with 3/Core 4mm <sup>2</sup> PVC/PVC Cu.Cond cable 300/500 Volt Grade from <u>DB MCB to first light point</u> , in including the cost of 1-1/2" dia PVC/UPVC conduit, buried in the floor / ground with all necessary PVC conduiting allied electrical accessories (15A Bakelite connectors etc), soil excavation, backfill, Complete in all respects. <b>(DB to Light Points)</b>	10	Each	15,000	150,000.00

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Raahim Associates  
MEP Consultant And  
Contract Management Co.

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**STRUCTURAL SYSTEMS**  
Engineering

**ELECTRICAL & ALLIED WORKS**

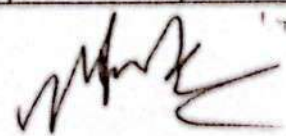
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o.	Description	Qty	Unit	Rate	Amount
2	Supply and wiring of external light points with 3/Co 2.5mm <sup>2</sup> PVC/PVC Cu.Cond cable 300/500 Volt Grade from <u>Light Point to Light Point</u> , in including the cost of 1- 1/2" dia PVC/UPVC conduit, buried in the floor / ground with all necessary PVC conduiting allied electrical accessories (15A Bakelite connectors etc), soil excavation, backfill, Complete in all respects. (Light Point to Light Point Except Pole Lights)	45	Each	49333/- 10,200	49333/- 459,000.00
3	Supply and wiring of 3/Co 1.5mm <sup>2</sup> (P+N+E) 300/500V for connection wiring from <u>light point to bakelite connector</u> complete in all respects.	100	Rft	150	15,000.00
	<u>Lighting Fixtures</u>  General Technical Specification includes color temperature ranging from 2700K to 6000K (As per the Consultant / Architect Approval), CRI:80, having lumen efficacy of atleast 100 lumen/watt and operational power factor of 0.9, Chip & Driver (Osram/Meanwell/Philips/Approved Equivalent)				
	Supply & Installation of imported <u>flood light floor mounted with 9" x9" base, T type stand for litting up the building</u> make IP-65 with 100 Watt Flood LED lamp (Warm Color 4000K, Luminous Efficacy >= LM/W), complete with drivery circuitry to be installed on base as required complete in all respects.	10	Each	30,000/- 35,000	300,000/- 350,000.00
	<u>Spike planter light</u> Par-32 with 12W, duly approved from the consultant before installation,complete in all respects.	15	Each	10,500	157,500.00
	Supply and installation of <u>Mini Bollards weather proof light</u> with 12 Watt LED lamp make complete with PCC foundation and excavation and back fill. (as shown in picture duly approved from the consultant before installation).	0	Each		
	Supply and Installation of <u>1x12 Watt LED Up Down Wall Washer Light</u> duly approved from the consulatant before installation including mounting arrangement, complete in all respects.	30	Each	10,000/- 12,500	300,000/- 375,000.00
<b>Total Carried Over to Summary of Costs</b>				Rs.	<b>1,706,500.00</b>

Note:



Rashid Associates  
MEP Consultant And  
Contract Management Co.



MEP SYSTEMS 3097

**CTRICAL & ALLIED WORKS**


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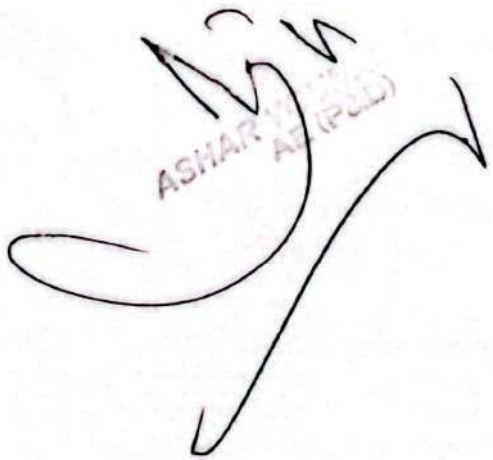
No.	Description	Qty	Unit	Rate	Amount
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- It should be clearly understood by the contractor / bidder that the above mentioned items shall be complete in all respects, including cost of necessary materials / accessories whether mentioned or not but are required for proper functioning of the system shall be deemed to be included in the cost of each above mentioned items, no extra charge shall be paid or claimed by the contractor / bidder.
- 1) Contractor has to make sure all contingencies due to site constraints and authorities/landlord variations. Any modification and subsequent cost impact owing to Engineer Incharge approval shall be catered in the cost.
  - 3) Furthermore the contractor shall establish sections and routing as per the site conditions and shall submit shop drawings of MEP systems before execution to Engineer Incharge.
  - 4) MAR (Material Approval Request) of all items comprising of technical compliance and specifications, product genuineness certificate shall be submitted to consultant's office.  
MIR(Material Inspection Request) shall be carried out by Engineer Incharge in light of approved MARs.

Signed & Stamped Of ~~Contractor~~

  
**MADHO**  
Arch. design and  
drawing

  
**STRUCTURAL SYSTEMS**  
Engineering

  
**ASHAR**  
Arch (PUB)