

UNHCR PAKISTAN
CONSTRUCTION / RENOVATION IN REFUGEE VILLAGES (RV'S) SCHOOLS OF KHYBER PAKHTUNKHWA

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

Lot 1: Site No. 01
RV School PSB-174 Naguman, Peshawar

REPAIR OF 8 ROOMS

1	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	90	0.00
2	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) on Prestressed Roof Slab 2" thick	100	Cft	550	0.00
3	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,050	0.00
4	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,070	0.00
5	11-23-b-01	White washing: Old surface : One coat	100	Sft	10,140	0.00
6	11-23-b-02	White washing: Old surface : Two coats	100	Sft	10,140	0.00
7	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	144	0.00
8	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	815	0.00
9	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	815	0.00
10	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	65	0.00
11	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	380	0.00

B BOUNDARY WALL & GATE

12	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	50	0.00
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	250	0.00
14	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	595	0.00
15	11-23-a-01	White washing: New surface : One coat	100	Sft	580	0.00
16	11-23-a-02	White washing: New surface : Two coat	100	Sft	580	0.00
17	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	595	0.00
18	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	100	Sft	40	0.00
19	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	100	Sft	40	0.00

C CONSTRUCTION OF 2 NOS. NEW TOILETS

20	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	26	0.00
21	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	20	0.00
22	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	8	0.00
23	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	15	0.00
24	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	10	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
25	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	30	0.00	
26	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	226	0.00	
27	07-30'	Supplying and filling sand under floor or plugging in wells	100	Cft	15	0.00	
28	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	104	0.00	
29	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	155	0.00	
30	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	40	0.00	
31	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	162	0.00	
32	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	292	0.00	
33	11-23-a-01	White washing: New surface : One coat	100	Sft	240	0.00	
34	11-23-a-02	White washing: New surface : Two coat	100	Sft	240	0.00	
35	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	292	0.00	
36	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	33	0.00	
37	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	12	0.00	
38	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	8	0.00	
39	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	35	0.00	

Plumbing Works

40	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff	1	Each	1	0.00
41	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests complete in all respects : Coloured	1	Each	2	0.00
42	14-05-a-06	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: Colour with pedestal (Normal Quality)	1	Each	2	0.00

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
43	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: Coloured	1	Each	2		0.00
44	14-13	Providing and fixing choricum plated soap dish complete.	1	Each	2		0.00
45	14-15	Providing and Fixing CP (chromium plated) toilet paper holder complete	1	Each	2		0.00
46	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	150		0.00
47	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	25		0.00
48	14-22-b	Providing and fixing chromium plated CP stop-cock, heavy type : 1.5 cm (1/2")	1	Each	2		0.00
49	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	2		0.00
50	14-27-a	Providing and fixing chorimum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	1	Each	2		0.00
51	14-31-b	Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm)	1	Each	2		0.00
52	14-32-b	Providing and Fixing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) glazed	1	Each	2		0.00
53	14-33	Providing and Fixing 4" gully trap 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).	1	Each	1		0.00
54	14-37-c	Supply and Fixing cast iron (CI) manhole cover with frame etc (Heavey Type) of approved quality complete: 24" (610 mm) dia	1	Each	1		0.00
55	14-48-b	Providing and Fixing brass ball float valve of approved quality: 3/4" dia	1	Each	1		0.00
56	14-69-b-01	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stablized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 200 gallons (Horizontal)	1	Each	1		0.00
57	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	1	Rft	55		0.00
58	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	1	Rft	40		0.00
59	14-144-d	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A", including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia	1	Rft	10		0.00
60	23-10	Septic Tank (int.Size: 7'x2'x5') complete.	1	Each	1		0.00

D **HAND WASH FACILITY**

61	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20		0.00
62	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90		0.00
63	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29		0.00
64	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. (1:2:4)	100	Cft	14		0.00
65	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26		0.00

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
66	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105	0.00	
67	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50	0.00	
68	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80	0.00	
69	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85	0.00	

HAND WASH FACILITY PLUMBING WORKS

70	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5	0.00
71	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5	0.00
72	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1	0.00
73	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	110	0.00
74	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17	0.00
75	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1	0.00
76	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75	0.00

E WALKWAY WORKS

77	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	170	0.00
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F FANS & EXHAUST FANS

78	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	18	0.00
79	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	3	0.00
80	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	3	0.00
81	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	18	0.00
		NOTE: The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.				

G LT CABLES**CONDUITS & PIPES**

82	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	500	0.00
83	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	500	0.00

H WIRING ACCESSORIES

84	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11	0.00
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(a)	(b)	(c)	(d)	(e)	(f)	(g)
85	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1	No.	18	0.00
86	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	10	0.00

I WIRING IN CONCEALED CONDUITS

87	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,700	0.00
88	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	850	0.00
89	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	300	0.00
90	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
91	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

J LIGHT FIXTURES

92	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	32	0.00
93	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	8	0.00

K SOLAR SYSTEM (PHOTOVOLTAIC)

94	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
95	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
96	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
97	26-01-f-06	Supply and Erection of 12 V Lithium LiFePO4 battery per KWhr	1	KWhr	5	0.00
98	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
99	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
100	26-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
101	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
102	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
103	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
104	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
105	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00	
106	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00	
107	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00	
108	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) (1 x1 x1) Solar Foundation	100	Cft	30	0.00	
Total Cost of Scheduled Items (Rs.)						0.00	

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

STRUCTURAL STEEL WORKS

Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	3,000	0.00
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LT DISTRIBUTION BOARD

(Ref. Specification Section-8001, 8133)

LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

2	DB-SCHOOL					
	INCOMING (MAIN Supply)					
	1 No. 32 Amps DP MCB RC=15KA					
	02 Nos. 2 Amps Protection fuses.					
	01 No. VSS					
	01 No. 0-500 Volts AC Analog Voltmeter					
NS-02	02 Nos. R- Indication lamps					
	01 Nos. Cu Bus Bars complete with Nut & bolts, washers/ insulation.	1	Job	1	0.00	
	01 Nos. Earth Bus Bar					
	01 Nos. Neutral Bus Bar					
	OUTGOINGS					
	6 Nos. 20 Amps SP MCB RC-6kA.					
Cost of Non-Scheduled Items (Rs.)						0.00
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00

Lot 1: Site No. 02

RV School PSC-142 Badaber, Peshawar

A

REPAIR OF 6 ROOMS

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

1	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	650	0.00
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	950	0.00
3	04-02'	Dismantling stone masonry in mud mortar	100	Cft	1,575	0.00
4	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	1,230	0.00
5	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	250	0.00
6	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	15	0.00
7	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	30	0.00
8	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	65	0.00
9	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	280	0.00
10	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	550	0.00
11	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	1,230	0.00
12	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Prestressed Roof Slab 2" thick	100	Cft	220	0.00
13	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	950	0.00
14	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,850	0.00
15	11-23-b-01	White washing: Old surface : One coat	100	Sft	11,205	0.00
16	11-23-b-02	White washing: Old surface : Two coats	100	Sft	11,205	0.00
17	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	120	0.00
18	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	745	0.00
19	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	745	0.00
20	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	65	0.00
21	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	96	0.00
22	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	63	0.00
23	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	235	0.00

B **BOUNDARY WALL & 2Nos GATE**

24	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	75	0.00
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(a)	(b)	(c)	(d)	(e)	(f)	(g)
25	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	325	0.00
26	11-23-a-01	White washing: New surface : One coat	100	Sft	1,325	0.00
27	11-23-a-02	White washing: New surface : Two coat	100	Sft	1,325	0.00
28	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat (Gate)	100	Sft	250	0.00
29	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint (Gate)	100	Sft	250	0.00

C 3 NOS. NEW CLASS ROOM

30	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	120	0.00
31	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Prestressed Roof Slab 2" thick	100	Cft	200	0.00
32	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	200	0.00
33	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	500	0.00
34	11-23-a-01	White washing: New surface : One coat	100	Sft	4,120	0.00
35	11-23-a-02	White washing: New surface : Two coat	100	Sft	4,120	0.00
36	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	112	0.00
37	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	30	0.00
38	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	112	0.00
39	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	100	Sft	260	0.00
40	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	100	Sft	260	0.00

D WALKWAY WORKS

41	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	200	0.00
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E FANS & EXHAUST FANS

42	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	17	0.00
43	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2	0.00
44	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2	0.00
45	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	17	0.00
		NOTE: The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.				

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

F LT CABLES**CONDUITS & PIPES**

46	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	525	0.00
47	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	525	0.00

G WIRING ACCESSORIES

48	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	12	0.00
49	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column, Complete in all respects	1	No.	17	0.00
50	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

H WIRING IN CONCEALED CONDUITS

51	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,700	0.00
52	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	850	0.00
53	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	300	0.00
54	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
55	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

I LIGHT FIXTURES

56	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	35	0.00
57	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	8	0.00

J SOLAR SYSTEM (PHOTOVOLTAIC)

58	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
59	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
60	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
61	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	5	0.00
62	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
63	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50		0.00
64	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450		0.00
65	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6		0.00
66	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6		0.00
67	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6		0.00
68	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10		0.00
69	15-105-a	Supply & erection of Earth Rod	1	Each	2		0.00
70	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10		0.00
71	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3		0.00
72	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30		0.00
Total Cost of Scheduled Items (Rs.)							0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

K**STRUCTURAL STEEL WORKS**
Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	2,350		0.00
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L**LT DISTRIBUTION BOARD**
(Ref. Specification Section-8001, 8133)

LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

2	NS-02	DB-SCHOOL INCOMING (MAIN Supply) 1 No. 32 Amps DP MCB RC=15KA 02 Nos. 2 Amps Protection fuses. 01 No. VSS 01 No. 0-500 Volts AC Analog Voltmeter 02 Nos. R- Indication lamps 01 Nos. Cu Bus Bars complete with Nut & bolts, washers/ insulation. 01 Nos. Earth Bus Bar 01 Nos. Neutral Bus Bar					
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		OUTGOINGS					
		6 Nos. 20 Amps SP MCB RC-6kA.	1	Job	1		0.00
Cost of Non-Scheduled Items (Rs.)						0.00	
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00	

Lot 2: Site No. 03
RV School PSC-132 Kagan, Mardan

A BOUNDARY WALL & GATE REPAIR WORK

1	11-23-b-01	White washing: Old surface : One coat	100	Sft	825		0.00
2	11-23-b-02	White washing: Old surface : Two coats	100	Sft	825		0.00
3	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	112		0.00
4	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	112		0.00
5	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	56		0.00

B REMAINING WORKS OF 8 NOS. NEW CLASS ROOM

6	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	100		0.00
7	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Prestressed Roof Slab 2" thick	100	Cft	510		0.00
8	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	500		0.00
9	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,920		0.00
10	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,360		0.00
11	11-23-a-01	White washing: New surface : One coat	100	Sft	8,470		0.00
12	11-23-a-02	White washing: New surface : Two coat	100	Sft	8,470		0.00
13	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,360		0.00
14	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	144		0.00
15	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	55		0.00
16	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	160		0.00
17	13-03-c-01	Prepare & Paint new surface, doors & windows Priming coat	100	Sft	400		0.00
18	13-03-c-02	Prepare & Paint new surface, doors & windows Each subsequent coat of paint	100	Sft	400		0.00

C CONSTRUCTION OF 4 (2+2) NOS. NEW TOILETS

19	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	220		0.00
20	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	340		0.00
21	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	50		0.00

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(a)	(b)	(c)	(d)	(e)	(f)	(g)
22	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	68	0.00
23	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	16	0.00
24	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	30	0.00
25	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	54	0.00
26	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	174	0.00
27	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	452	0.00
28	07-30'	Supplying and filling sand under floor or plugging in wells	100	Cft	30	0.00
29	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	208	0.00
30	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	310	0.00
31	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80	0.00
32	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	324	0.00
33	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	584	0.00
34	11-23-a-01	White washing: New surface : One coat	100	Sft	480	0.00
35	11-23-a-02	White washing: New surface : Two coat	100	Sft	480	0.00
36	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	584	0.00
37	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	66	0.00
38	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	24	0.00
39	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	16	0.00
40	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	70	0.00
41	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	540	0.00

Plumbing Works

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
42	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff	1	Each	2	0.00
43	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests complete in all respects : Coloured	1	Each	4	0.00
44	14-05-a-06	Providing and Fixing glazed earthen ware wash hand basin (WHB) complete size 56x40 cm (22"x16"), including bracket set, waste coupling, complete in all respects: Colour with pedestal (Normal Quality)	1	Each	4	0.00
45	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: Coloured	1	Each	4	0.00
46	14-13	Providing and fixing choricum plated soap dish complete.	1	Each	4	0.00
47	14-15	Providing and Fixing CP (chromium plated) toilet paper holder complete	1	Each	4	0.00
48	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	150	0.00
49	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	30	0.00
50	14-22-b	Providing and fixing chromium plated CP stop-cock, heavy type : 1.5 cm (1/2")	1	Each	4	0.00
51	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	4	0.00
52	14-27-a	Providing and fixing chorimum plated (CP) mixing valve for wash hand basin (WHB), sink or shower of approved (Best) quality	1	Each	4	0.00
53	14-31-b	Providing and Fixing cast iron (CI) floor trap approved quality including CI grating & concrete chamber all round : 4"x3" (100 mm x 75 mm)	1	Each	4	0.00
54	14-32-b	Providing and Fixing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) glazed	1	Each	4	0.00
55	14-33	Providing and Fixing 4" gully trap 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).	1	Each	1	0.00
56	14-37-c	Supply and Fixing cast iron (CI) manhole cover with frame etc (Heavey Type) of approved quality complete: 24" (610 mm) dia	1	Each	2	0.00
57	14-48-b	Providing and Fixing brass ball float valve of approved quality: 3/4" dia	1	Each	1	0.00
58	14-69-b-01	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stablized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 200 gallons (Horizontal)	1	Each	1	0.00
59	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	1	Rft	65	0.00
60	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	1	Rft	50	0.00

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			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

61	14-144-d	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A", including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia	1	Rft	20		0.00
62	23-10	Septic Tank (int.Size: 7'x2'x5') complete.	1	Each	1		0.00
63	23-11	Soakage Pit (6'dia x 15' deep) complete.	1	Each	1		0.00

D HAND WASH FACILITY

64	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20		0.00
65	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90		0.00
66	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29		0.00
67	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. (1:2:4)	100	Cft	14		0.00
68	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26		0.00
69	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105		0.00
70	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50		0.00
71	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80		0.00
72	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85		0.00

HAND WASH FACILITY PLUMBING WORKS

73	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5		0.00
74	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5		0.00
75	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1		0.00
76	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	110		0.00
77	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17		0.00
78	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1		0.00
79	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75		0.00

E SOLAR WATER PUMP

80	24-18-d-02	Providing, laying, cutting, jointing, testing and disinfecting UPVC pressure pipeline in trenches (conforming to BS 3505manufactured) jointed with socket, elbow, tee, bend and plug bend etc.manufactured by the respective manufacturer complete as per specifications uPVC Pressure Pipes Class E (15 Bar) except excavation. 1"Nominal Pipe Size (NPS)	1	Rft	200		0.00
81	24-14	Shrouding with graded pack gravel 3/8" (10 mm) to 1/8" (3 mm) around tubewell in bore hole complete as per specification:-	1	Rft	200		0.00
82	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	2,400		0.00

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(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
83	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	2,400	0.00	
84	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Rft	75	0.00	
85	26-01-n-02	Supply and Erection of 1x1 ft 4mm Copper Earthing Plate	1	Watt	2,400	0.00	
86	26-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	2,400	0.00	
87	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00	
88	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	10	0.00	
89	26-01-k-02	Supply installation and commissioning of DC Submersible (2HP (2000w), 50 meter head)	1	No	1	0.00	

Base for Solar water Pump

90	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	2	0.00
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F WALKWAY WORKS

91	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	250	0.00
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G FANS & EXHAUST FANS

92	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	12	0.00
93	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2	0.00
94	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2	0.00
95	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	12	0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

H LT CABLES

CONDUITS & PIPES

96	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	450	0.00
97	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	430	0.00

I WIRING ACCESSORIES

98	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	9	0.00
99	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1	No.	12	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

100	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	6	0.00
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J WIRING IN CONCEALED CONDUITS

101	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,530	0.00
102	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	650	0.00
103	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	300	0.00
104	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
105	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

K LIGHT FIXTURES

106	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	28	0.00
107	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	9	0.00

L SOLAR SYSTEM (PHOTOVOLTAIC)

108	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
109	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
110	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
111	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	4	0.00
112	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
113	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLO/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	30	0.00
114	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
115	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
116	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
117	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
118	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00
119	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00
120	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00
121	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
122	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00
Total Cost of Scheduled Items (Rs.)						0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

M**STRUCTURAL STEEL WORKS**
Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	2,800	0.00
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N**LT DISTRIBUTION BOARD**
(Ref. Specification Section-8001, 8133)

LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

2	NS-02	DB-SCHOOL				
		INCOMING (MAIN Supply)				
		1 No. 32 Amps DP MCB RC=15KA				
		02 Nos. 2 Amps Protection fuses.				
		01 No. VSS				
		01 No. 0-500 Volts AC Analog Voltmeter				
		02 Nos. R- Indication lamps	1	Job	1	0.00
		01 Nos. Cu Bus Bars complete with Nut & bolts, washers/ insulation.				
		01 Nos. Earth Bus Bar				
		01 Nos. Neutral Bus Bar				
		OUTGOINGS				
		6 Nos. 20 Amps SP MCB RC-6kA.				
Cost of Non-Scheduled Items (Rs.)						0.00
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00

Lot 3: Site No. 04

RV School PSC-024 Khaki, Mansehra

A**REPAIR OF 5 NOS ROOMS**

1	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	210	0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
2	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	385	0.00
3	04-13'	Dismantling brick work in lime or cement mortar	100	Cft	1,600	0.00
4	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	2,695	0.00
5	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	75	0.00
6	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	6	0.00
7	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	10	0.00
8	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	35	0.00
9	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	170	0.00
10	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	315	0.00
11	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	2,695	0.00
12	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	2,480	0.00
13	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,270	0.00
14	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,190	0.00
15	11-23-a-01	White washing: New surface : One coat	100	Sft	5,855	0.00
16	11-23-a-02	White washing: New surface : Two coat	100	Sft	5,855	0.00
17	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,190	0.00
18	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	496	0.00
19	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	1,420	0.00
20	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	1,420	0.00
21	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	55	0.00
22	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	415	0.00

B REPAIR WORKS 4NOS. TOILETS

23	04-19-c	Dismantling : Plain Cement Concrete 1:2:4	100	Cft	30	0.00
24	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	40	0.00
25	07-30'	Supplying and filling sand under floor or plugging in wells	100	Cft	30	0.00
26	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	330	0.00
27	11-23-a-01	White washing: New surface : One coat	100	Sft	660	0.00
28	11-23-a-02	White washing: New surface : Two coat	100	Sft	660	0.00
29	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	110	0.00
30	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	110	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

31	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	54	0.00
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Plumbing Works

32	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff	1	Each	1	0.00
33	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests complete in all respects : Coloured	1	Each	4	0.00
34	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: Coloured	1	Each	4	0.00
35	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	130	0.00
36	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	35	0.00
37	14-22-b	Providing and fixing chromium plated CP stop-cock, heavy type : 1.5 cm (1/2")	1	Each	4	0.00
38	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	4	0.00
39	14-32-a	Providing and Fixing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) of cast iron (Best Quality)	1	Each	4	0.00
40	14-33	Providing and Fixing 4" gully trap 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).	1	Each	1	0.00
41	14-37-c	Supply and Fixing cast iron (CI) manhole cover with frame etc (Heavey Type) of approved quality complete: 24" (610 mm) dia	1	Each	1	0.00
	14-48-b	Providing and Fixing brass ball float valve of approved quality: 3/4" dia	1	Each	1	0.00
42	14-69-b-01	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stablized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 200 gallons (Horizontal)	1	Each	1	0.00
43	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	1	Rft	35	0.00
44	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	1	Rft	40	0.00
45	14-144-d	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A", including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2"dia	1	Rft	10	0.00
46	23-10	Septic Tank (int.Size: 7'x2'x5') complete.	1	Each	1	0.00

C CONSTRUCTION OF 4 NOS. NEW CLASS ROOM

47	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	910	0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
48	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	1,725	0.00
49	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	540	0.00
50	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	540	0.00
51	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	345	0.00
52	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	60	0.00
53	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	115	0.00
54	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	190	0.00
55	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	760	0.00
56	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	1,520	0.00
57	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	1,795	0.00
58	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,615	0.00
59	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	3,370	0.00
60	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,365	0.00
61	11-23-a-01	White washing: New surface : One coat	100	Sft	4,970	0.00
62	11-23-a-02	White washing: New surface : Two coat	100	Sft	4,970	0.00
63	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,365	0.00
64	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	256	0.00
65	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	90	0.00
66	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	30	0.00
67	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	256	0.00
68	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	130	0.00
69	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	3,700	0.00

D WALKWAY WORKS

70	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	170	0.00
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E FANS & EXHAUST FANS

ITEM NO.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
71	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	19	0.00
72	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2	0.00
73	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2	0.00
74	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	19	0.00

75		NOTE: The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.				
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F LT CABLES**CONDUITS & PIPES**

76	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	525	0.00
77	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	525	0.00

G WIRING ACCESSORIES

78	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	12	0.00
79	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1	No.	19	0.00
80	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

H WIRING IN CONCEALED CONDUITS

81	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,700	0.00
82	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	850	0.00
83	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	300	0.00
84	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
85	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

I LIGHT FIXTURES

86	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	35	0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

87	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	8	0.00
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J SOLAR SYSTEM (PHOTOVOLTAIC)

88	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
89	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
90	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
91	26-01-f-06	Supply and Erection of 12 V Lithium LiFePO4 battery per KWhr	1	KWhr	5	0.00
92	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
93	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
94	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
95	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
96	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
97	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
98	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00
98	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00
99	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00
100	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00
101	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00
Total Cost of Scheduled Items (Rs.)						0.00
Add 8% above on Scheduled Item for District Mansehra (Rs.)						0.00
Total Cost of Scheduled Items (Rs.)						0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

K LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

1	NS-01	DB-SCHOOL				
		INCOMING (MAIN Supply)				
		1 No. 32 Amps DP MCB RC=15KA				
		02 Nos. 2 Amps Protection fuses.				
		01 No. VSS				
		01 No. 0-500 Volts AC Analog Voltmeter				
		02 Nos. R- Indication lamps	1	Job	1	0.00
		01 Nos. Cu Bus Bars complete with Nut & bolts, washers/ insulation.				
		01 Nos. Earth Bus Bar				
		01 Nos. Neutral Bus Bar				
		OUTGOINGS				
		6 Nos. 20 Amps SP MCB RC-6kA.				
Cost of Non-Scheduled Items (Rs.)						0.00
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00

Lot 4: Site No. 05
RV School PSB-204 Oblen, Kohat

A REPAIR OF 3 ROOMS

1	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Roof	100	Cft	260	0.00
2	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	300	0.00
3	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,850	0.00
4	11-23-a-01	White washing: New surface : One coat	100	Sft	3,850	0.00
5	11-23-a-02	White washing: New surface : Two coat	100	Sft	3,850	0.00
6	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	108	0.00
7	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	440	0.00
8	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	440	0.00
9	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	40	0.00
10	25-58-d	Providing and fixing of cantiliver type parking shed consisting of fiber glass sheet, tubular pipe frame (heavy) quality , triangular frame supports	1	Sft	190	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

11	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	180	0.00
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B CONSTRUCTION OF 6 NOS. NEW CLASS ROOM

12	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	2,000	0.00
13	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	4,510	0.00
14	04-02'	Dismantling stone masonry in mud mortar	100	Cft	4,160	0.00
15	04-13'	Dismantling brick work in lime or cement mortar	100	Cft	300	0.00
16	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	2,680	0.00
17	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	1,080	0.00
18	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	1,080	0.00
19	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	650	0.00
20	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, intel, girder etc. (1:2:4).	100	Cft	100	0.00
21	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	190	0.00
22	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	330	0.00
23	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	1,470	0.00
24	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	2,730	0.00
25	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	3,820	0.00
26	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	3,230	0.00
27	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	5,070	0.00
28	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	2,710	0.00
29	11-23-a-01	White washing: New surface : One coat	100	Sft	8,300	0.00
30	11-23-a-02	White washing: New surface : Two coat	100	Sft	8,300	0.00
31	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	2,710	0.00
32	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	224	0.00
33	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	180	0.00
34	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	60	0.00
35	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	344	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
36	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	277		0.00
37	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	7,690		0.00

C BOUNDARY WALL

38	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	480		0.00
39	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	910		0.00
40	04-02'	Dismantling stone masonry in mud mortar	100	Cft	330		0.00
41	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	180		0.00
42	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	108		0.00
43	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	400		0.00
44	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	840		0.00
45	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,250		0.00
46	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,150		0.00
47	11-23-a-01	White washing: New surface : One coat	100	Sft	1,250		0.00
48	11-23-a-02	White washing: New surface : Two coat	100	Sft	1,250		0.00
49	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,150		0.00
50	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	20		0.00

D HAND WASH FACILITY

51	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20		0.00
52	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90		0.00
53	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29		0.00
54	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc. not including in 06-06. (1:2:4)	100	Cft	14		0.00
55	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26		0.00
56	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105		0.00
57	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50		0.00
58	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80		0.00
59	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85		0.00

HAND WASH FACILITY PLUMBING WORKS

60	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5		0.00
61	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5		0.00
62	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
63	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	110		0.00
64	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17		0.00
65	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1		0.00
66	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75		0.00

E WALKWAY WORKS

67	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	200		0.00
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F DRAINAGE WORK

68	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	50		0.00
69	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	90		0.00
70	14-33	Providing and Fixing 4" gully trap 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).	1	Each	1		0.00
71	14-144-a	Supplying and Fixing UPVC soil waste and vent pipe class B : 6" dia	1	Rft	50		0.00

G FANS & EXHAUST FANS

72	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	18		0.00
73	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	3		0.00
74	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	3		0.00
75	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	18		0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

H LT CABLES**CONDUITS & PIPES**

76	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	525		0.00
77	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	525		0.00

I WIRING ACCESSORIES

78	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
79	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1 No.	18		0.00
80	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1 No.	10		0.00

J WIRING IN CONCEALED CONDUITS

81	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1 Rft	1,700		0.00
82	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1 Rft	850		0.00
83	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1 Rft	300		0.00
84	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1 Rft.	100		0.00
85	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1 Rft.	100		0.00

K LIGHT FIXTURES

86	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1 No.	36		0.00
87	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1 No.	8		0.00

L SOLAR SYSTEM (PHOTOVOLTAIC)

88	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1 Watt	5,450		0.00
89	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1 Watt	5,450		0.00
90	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1 Per Watt	5,450		0.00
91	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1 KWhr	5		0.00
92	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1 Watt	5,450		0.00
93	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1 Meter	50		0.00
94	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1 Watt	5,450		0.00
95	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1 Pair	6		0.00
96	26-01-h-02	Supply and Erection MC4 Branch connector	1 Pair	6		0.00
97	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1 Meter	6		0.00
98	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1 Meter	10		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
99	15-105-a	Supply & erection of Earth Rod	1	Each	2		0.00
100	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10		0.00
101	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3		0.00
102	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30		0.00
Total Cost of Scheduled Items (Rs.)							0.00
Add 3% above on Scheduled Item for District Kohat (Rs.)							0.00
Total Cost of Scheduled Items (Rs.)							0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

M	LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)
	LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
1	NS-01	DB-SCHOOL	1	Job	1		0.00
		INCOMING (MAIN Supply)					
		1 No. 32 Amps DP MCB RC=15KA					
		02 Nos. 2 Amps Protection fuses.					
		01 No. VSS					
		01 No. 0-500 Volts AC Analog Voltmeter					
		02 Nos. R- Indication lamps					
		01 Nos. Cu Bus Bars complete with					
		Nut & bolts, washers/ insulation.					
		01 Nos. Earth Bus Bar					
		01 Nos. Neutral Bus Bar					
		OUTGOINGS					
		6 Nos. 20 Amps SP MCB RC-6kA.					
		Cost of Non-Scheduled Items (Rs.)					
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)							0.00

Lot 5: Site No. 06

RV School PSC-047 Rata Kulachi, D.I.Khan

A REPAIR OF 2 ROOMS

1	04-02'	Dismantling stone masonry in mud mortar	100	Cft	5,770		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
2	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	580	0.00
3	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	580	0.00
4	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	100	0.00
5	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,070	0.00
6	11-23-b-01	White washing: Old surface : One coat	100	Sft	2,955	0.00
7	11-23-b-02	White washing: Old surface : Two coats	100	Sft	2,955	0.00
8	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	32	0.00
9	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	165	0.00
10	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	165	0.00
11	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	10	0.00

B BOUNDARY WALL & GATE

12	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	280	0.00
13	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	545	0.00
14	04-02'	Dismantling stone masonry in mud mortar	100	Cft	925	0.00
15	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	110	0.00
16	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	60	0.00
17	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	235	0.00
18	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	500	0.00
19	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	695	0.00
20	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	700	0.00
21	11-23-a-01	White washing: New surface : One coat	100	Sft	695	0.00
22	11-23-a-02	White washing: New surface : Two coat	100	Sft	695	0.00
23	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	700	0.00
24	25-45-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	1	Sft	49	0.00

C CONSTRUCTION OF 6 NOS. NEW CLASS ROOM

25	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	1,270	0.00
26	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	2,415	0.00
27	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	785	0.00
28	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	785	0.00
29	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	485	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
30	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	50	0.00
31	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	90	0.00
32	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	275	0.00
33	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	1,070	0.00
34	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	2,095	0.00
35	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	2,545	0.00
36	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	2,350	0.00
37	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	4,945	0.00
38	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	2,560	0.00
39	11-23-a-01	White washing: New surface : One coat	100	Sft	7,335	0.00
40	11-23-a-02	White washing: New surface : Two coat	100	Sft	7,335	0.00
41	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	2,560	0.00
42	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	160	0.00
43	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	108	0.00
44	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	55	0.00
45	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	160	0.00
46	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	168	0.00
47	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	4,660	0.00

D HAND WASH FACILITY

48	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20	0.00
49	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90	0.00
50	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29	0.00
51	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. (1:2:4)	100	Cft	14	0.00
52	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26	0.00
53	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
54	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50		0.00
55	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80		0.00
56	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85		0.00

HAND WASH FACILITY PLUMBING WORKS

57	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5		0.00
58	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5		0.00
59	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1		0.00
60	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	150		0.00
61	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17		0.00
62	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1		0.00
63	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75		0.00

E **WALKWAY WORKS**

64	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	200		0.00
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F **FANS & EXHAUST FANS**

65	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	17		0.00
66	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2		0.00
67	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2		0.00
68	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	17		0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

G **LT CABLES**

CONDUITS & PIPES

69	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	500		0.00
70	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	500		0.00

H **WIRING ACCESSORIES**

71	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
72	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1	No.	17	0.00
73	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

I WIRING IN CONCEALED CONDUITS

74	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,600	0.00
75	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	800	0.00
76	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	250	0.00
77	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
78	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

J LIGHT FIXTURES

79	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	33	0.00
80	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	7	0.00

K SOLAR SYSTEM (PHOTOVOLTAIC)

81	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
82	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
83	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
84	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	5	0.00
85	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
86	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
87	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
88	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
89	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
90	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
91	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
92	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00	
93	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00	
94	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00	
95	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00	
Cost of Scheduled Items (Rs.)						0.00	
Add 3% above on Scheduled Item for District D.I. Khan(Rs.)						0.00	
Total Cost of Scheduled Items (Rs.)						0.00	

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

L	LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)
	LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

1	NS-01	DB-SCHOOL INCOMING (MAIN Supply) 1 No. 32 Amps DP MCB RC=15KA 02 Nos. 2 Amps Protection fuses. 01 No. VSS 01 No. 0-500 Volts AC Analog Voltmeter 02 Nos. R- Indication lamps 01 Nos. Cu Bus Bars complete with Nut & bolts, washers/ insulation. 01 Nos. Earth Bus Bar 01 Nos. Neutral Bus Bar OUTGOINGS 6 Nos. 20 Amps SP MCB RC-6kA.	1	Job	1	0.00
Cost of Non-Scheduled Items (Rs.)						0.00
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00

Lot 6: Site No. 07

RV School PSB-125 Gandaf, Swabi

A REPAIR OF 8 ROOMS

1	04-13'	Dismantling brick work in lime or cement mortar	100	Cft	1,465	0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
2	4-22-a	Dismantling 1st class tile roofing	100	Sft	1,700	0.00
3	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	385	0.00
4	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	1,175	0.00
5	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,560	0.00
6	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	3,000	0.00
7	11-23-b-01	White washing: Old surface : One coat	100	Sft	9,040	0.00
8	11-23-b-02	White washing: Old surface : Two coats	100	Sft	9,040	0.00
9	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	36	0.00
10	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	284	0.00
11	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	1,300	0.00
12	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	1,300	0.00
13	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	45	0.00
14	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	36	0.00
15	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	330	0.00
B		BOUNDARY WALL & GATE				
16	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	440	0.00
17	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	465	0.00
18	11-23-a-01	White washing: New surface : One coat	100	Sft	440	0.00
19	11-23-a-02	White washing: New surface : Two coat	100	Sft	440	0.00
20	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	465	0.00
21	25-45-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	1	Sft	56	0.00
C		REMAINING WORKS OF 8 NOS. NEW CLASS ROOM				
22	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	1,880	0.00
23	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	1,050	0.00
24	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	1,015	0.00
25	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	1,015	0.00
26	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	210	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
27	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	80	0.00
28	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	140	0.00
29	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	150	0.00
30	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	500	0.00
31	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	1,350	0.00
32	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	3,450	0.00
33	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	3,050	0.00
34	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	5,460	0.00
35	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,950	0.00
36	11-23-a-01	White washing: New surface : One coat	100	Sft	8,510	0.00
37	11-23-a-02	White washing: New surface : Two coat	100	Sft	8,510	0.00
38	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,950	0.00
39	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	544	0.00
40	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	141	0.00
41	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	90	0.00
42	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	544	0.00
43	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	205	0.00
44	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	7,040	0.00
D		HAND WASH FACILITY				
45	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20	0.00
46	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90	0.00
47	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29	0.00
48	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. (1:2:4)	100	Cft	14	0.00
49	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26	0.00
50	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
51	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50	0.00
52	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80	0.00
53	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85	0.00
		HAND WASH FACILITY PLUMBING WORKS				
54	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5	0.00
55	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5	0.00
56	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1	0.00
57	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	110	0.00
58	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17	0.00
59	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1	0.00
60	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75	0.00

E WALKWAY WORKS

61	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	250	0.00
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F FANS & EXHAUST FANS

62	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	25	0.00
63	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	4	0.00
64	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	4	0.00
65	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	25	0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

G LT CABLES**CONDUITS & PIPES**

66	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	800	0.00
67	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	800	0.00

H WIRING ACCESSORIES

68	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	15	0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
69	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1 No.	25		0.00
70	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1 No.	10		0.00

I WIRING IN CONCEALED CONDUITS

71	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1 Rft	2,200		0.00
72	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1 Rft	1,000		0.00
73	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1 Rft	250		0.00
74	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1 Rft.	100		0.00
75	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1 Rft.	100		0.00

J LIGHT FIXTURES

76	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1 No.	50		0.00
77	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1 No.	15		0.00

K SOLAR SYSTEM (PHOTOVOLTAIC)

78	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1 Watt	5,000		0.00
79	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1 Watt	5,450		0.00
80	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1 Per Watt	5,450		0.00
81	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1 KWhr	5		0.00
82	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1 Watt	5,450		0.00
83	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1 Meter	50		0.00
84	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1 Watt	5,450		0.00
85	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1 Pair	6		0.00
86	26-01-h-02	Supply and Erection MC4 Branch connector	1 Pair	6		0.00
87	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1 Meter	6		0.00
88	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1 Meter	10		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
89	15-105-a	Supply & erection of Earth Rod	1	Each	2		0.00
90	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10		0.00
91	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3		0.00
92	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30		0.00
Cost of Scheduled Items (Rs.)							0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

L	<p>LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)</p> <p>LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.</p>
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1	NS-01	DB-SCHOOL	1	Job	1		0.00						
		INCOMING (MAIN Supply)											
		1 No. 32 Amps DP MCB RC=15KA											
		02 Nos. 2 Amps Protection fuses.											
		01 No. VSS											
		01 No. 0-500 Volts AC Analog Voltmeter											
		02 Nos. R- Indication lamps											
		01 Nos. Cu Bus Bars complete with											
		Nut & bolts, washers/ insulation.											
		01 Nos. Earth Bus Bar											
		01 Nos. Neutral Bus Bar											
		OUTGOINGS											
		6 Nos. 20 Amps SP MCB RC-6kA.											
		Cost of Non-Scheduled Items (Rs.)						0.00					
		Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)							0.00				

Lot 6: Site No. 08
RV School PSG-305 Barakai, Swabi

A REPAIR OF 2 ROOMS

1	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	565		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
2	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	650		0.00
3	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,000		0.00
4	11-23-b-01	White washing: Old surface : One coat	100	Sft	2,000		0.00
5	11-23-b-02	White washing: Old surface : Two coats	100	Sft	2,000		0.00
6	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	184		0.00
7	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	184		0.00
8	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	184		0.00

B REPAIR WORKS 3 NOS. TOILETS

9	04-19-c	Dismantling : Plain Cement Concrete 1:2:4	100	Cft	20		0.00
10	4-22-a	Dismantling 1st class tile roofing	100	Sft	90		0.00
11	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	30		0.00
12	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	80		0.00
13	07-30'	Supplying and filling sand under floor or plugging in wells	100	Cft	20		0.00
14	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	90		0.00
15	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	980		0.00
16	11-23-a-02	White washing: New surface : Two coat	100	Sft	1,500		0.00
17	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	80		0.00
18	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	80		0.00
19	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	30		0.00

Plumbing Works

20	06-07-d-05	Providing manhole size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff	1	Each	1		0.00
21	14-03-b	Providing and Fixing glazed earthen ware WC squatting type with built-in foot rests complete in all respects : Coloured	1	Each	3		0.00
22	14-10-b	Providing and Fixing glazed earthen ware low down flushing cistern 3 gallons (13.63 Liters) capacity including bracket set, copper connection, etc. complete in all respects: Coloured	1	Each	3		0.00
23	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	105		0.00
24	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	30		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
25	14-22-b	Providing and fixing chromium plated CP stop-cock, heavy type : 1.5 cm (1/2")	1	Each	3	0.00
26	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	3	0.00
27	14-32-a	Providing and Fixing 'P' trap of approved quality including GI grating & PCC chamber 4" (100 mm) of cast iron (Best Quality)	1	Each	3	0.00
28	14-33	Providing and Fixing 4" gully trap 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).	1	Each	1	0.00
29	14-37-c	Supply and Fixing cast iron (CI) manhole cover with frame etc (Heavey Type) of approved quality complete: 24" (610 mm) dia	1	Each	1	0.00
30	14-48-b	Providing and Fixing brass ball float valve of approved quality: 3/4" dia	1	Each	1	0.00
31	14-69-b-01	Supplying and Fixing Polyethylene Water Tank made from food grade FDA Certified raw material, 3 layers UV stabilized, inert with water, anti-fungus and anti-bacterial and have a service life of more than 10 years : 200 gallons (Horizontal)	1	Each	1	0.00
32	14-144-b	Supplying and Fixing UPVC soil waste and vent pipe class B : 4" dia	1	Rft	35	0.00
33	14-144-c	Supplying and Fixing UPVC soil waste and vent pipe class B : 3" dia	1	Rft	40	0.00
34	14-144-d	uPVC Soil, Waste and vent pipes conforming to ISO:3633 type "B" or BS-4514/5255 class "A", including imported rubber ring/solvent cement fittings, jointing, cutting, and breaking concrete/masonry and then making it good, applying painting, cleaning and testing etc. complete in all respects.(for sanitary drainage) : 2" dia	1	Rft	10	0.00

C BOUNDARY WALL & GATE

35	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	680	0.00
36	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	1,320	0.00
37	04-13'	Dismantling brick work in lime or cement mortar	100	Cft	900	0.00
38	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	270	0.00
39	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	155	0.00
40	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	580	0.00
41	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	1,030	0.00
42	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	6,525	0.00
43	11-23-a-01	White washing: New surface : One coat	100	Sft	6,525	0.00
44	11-23-a-02	White washing: New surface : Two coat	100	Sft	6,525	0.00
45	25-45-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	1	Sft	56	0.00

D REMAINING WORKS OF 5 NOS. NEW CLASS ROOM

46	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	600	0.00
47	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	570	0.00
48	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	570	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
49	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	50	0.00
50	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	40	0.00
51	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	120	0.00
52	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	80	0.00
53	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	850	0.00
54	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	1,990	0.00
55	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,715	0.00
56	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,630	0.00
57	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,725	0.00
58	11-23-a-01	White washing: New surface : One coat	100	Sft	4,350	0.00
59	11-23-a-02	White washing: New surface : Two coat	100	Sft	4,350	0.00
60	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,725	0.00
61	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	320	0.00
62	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	88	0.00
63	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	55	0.00
64	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	320	0.00
65	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	123	0.00
66	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	2,890	0.00

E **HAND WASH FACILITY**

67	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	20	0.00
68	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	90	0.00
69	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	29	0.00
70	06-07-b-03	RCC in raft foundation slab, base slab of column & ret. wall etc, not including in 06-06. (1:2:4)	100	Cft	14	0.00
71	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	26	0.00
72	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft.	105	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
73	10-39-a	Glazed tile 1/4" thick dado jointed in white cement complete : Ceramic Tile - 6"x6" white	100	Sft	50		0.00
74	10-50-a	Providing and Fixing Ceramic Floor Tiles of approved quality of Size : 12" x 12"	100	Sft	80		0.00
75	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	85		0.00

HAND WASH FACILITY PLUMBING WORKS

76	14-13	Providing and fixing chromic plated soap dish complete.	1	Each	5		0.00
77	14-24-b	Providing and fixing chromium plated (CP) bib-cock heavy duty of approved quality : 1.5 cm 1/2"	1	Each	5		0.00
78	14-28-f	Providing and fixing gun metal peet / gate valve (screwed) 20 mm (3/4") dia of approved quality.	1	Each	1		0.00
79	14-55-e	Providing and Fixing GI pipe & including specials complete: 3/4" dia (light)	1	Rft	110		0.00
80	14-55-f	Providing and Fixing GI pipe & including specials complete: 1/2" dia (light)	1	Rft	17		0.00
81	14-69-a-02	Providing and fixing Fibre Glass , corrosion resistant, UV stablized WaterTank : 400 gallons	1	Each	1		0.00
82	25-58-b	Providing and fixing of parking shed consisting of CGI Sheet, tubular pipe frame (heavy) quality and circular columns excluding cost of foundation.	1	Sft	75		0.00

F WALKWAY WORKS

83	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	250		0.00
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G FANS & EXHAUST FANS

84	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	14		0.00
85	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	4		0.00
86	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	3		0.00
87	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	14		0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

H LT CABLES**CONDUITS & PIPES**

88	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	480		0.00
89	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	480		0.00

I WIRING ACCESSORIES

90	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
91	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column, Complete in all respects	1	No.	14	0.00
92	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

J WIRING IN CONCEALED CONDUITS

93	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,450	0.00
94	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	750	0.00
95	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	250	0.00
96	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
97	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

K LIGHT FIXTURES

98	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	32	0.00
99	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	10	0.00

L SOLAR SYSTEM (PHOTOVOLTAIC)

100	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
101	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
102	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
103	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	5	0.00
104	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
105	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
106	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
107	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
108	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
109	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
110	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
111	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00	
112	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00	
113	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00	
114	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00	
Cost of Scheduled Items (Rs.)						0.00	

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

M	LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)
	LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

DB-SCHOOL												
1	NS-01	INCOMING (MAIN Supply)	1	Job	1	0.00						
		1 No. 32 Amps DP MCB RC=15KA										
		02 Nos. 2 Amps Protection fuses.										
		01 No. VSS										
		01 No. 0-500 Volts AC Analog Voltmeter										
		02 Nos. R- Indication lamps										
		01 Nos. Cu Bus Bars complete with										
		Nut & bolts, washers/ insulation.										
		01 Nos. Earth Bus Bar										
		01 Nos. Neutral Bus Bar										
		OUTGOINGS										
		6 Nos. 20 Amps SP MCB RC-6kA.										
		Cost of Non-Scheduled Items (Rs.)						0.00				
		Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00				

Lot 7: Site No. 09

RV School PSB-258 Chakdara, Lower Dir

A REPAIR OF 10 ROOMS

1	04-02'	Dismantling stone masonry in mud mortar	100	Cft	450	0.00
2	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	60	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
3	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	120		0.00
4	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	400		0.00
5	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,050		0.00
6	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	4,800		0.00
7	11-23-b-01	White washing: Old surface : One coat	100	Sft	9,900		0.00
8	11-23-b-02	White washing: Old surface : Two coats	100	Sft	9,900		0.00
9	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	50		0.00
10	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	50		0.00
11	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	150		0.00
12	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	150		0.00
13	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	35		0.00
14	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	112		0.00
15	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	230		0.00
16	25-45-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	1	Sft	40		0.00
B		<u>WALKWAY WORKS</u>					
17	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	150		0.00

C FANS & EXHAUST FANS

18	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	13		0.00
19	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	3		0.00
20	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	3		0.00
21	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	13		0.00
		NOTE: The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.					

D LT CABLES**CONDUITS & PIPES**

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

22	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	460		0.00
23	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	460		0.00

E WIRING ACCESSORIES

24	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	10		0.00
25	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column, Complete in all respects	1	No.	14		0.00
26	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	7		0.00

E WIRING IN CONCEALED CONDUITS

27	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,400		0.00
28	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	700		0.00
29	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	250		0.00
30	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100		0.00
31	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100		0.00

G LIGHT FIXTURES

32	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	26		0.00
33	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	9		0.00

H SOLAR SYSTEM (PHOTOVOLTAIC)

34	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450		0.00
35	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450		0.00
36	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450		0.00
37	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KW hr	1	KW hr	5		0.00
38	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
39	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
40	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
41	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
42	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
43	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
44	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00
45	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00
46	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00
47	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00
48	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00
Cost of Scheduled Items (Rs.)						0.00
Add 8% above on Scheduled Item for District Lower Dir (Rs.)						0.00
Total Cost of Scheduled Items (Rs.)						0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

I	LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)
	LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

1	NS-01	DB-SCHOOL	1	Job	1	0.00
		INCOMING (MAIN Supply)				
		1 No. 32 Amps DP MCB RC=15KA				
		02 Nos. 2 Amps Protection fuses.				
		01 No. VSS				
		01 No. 0-500 Volts AC Analog Voltmeter				
		02 Nos. R- Indication lamps				
		01 Nos. Cu Bus Bars complete with				
		Nut & bolts, washers/ insulation.				
		01 Nos. Earth Bus Bar				
		01 Nos. Neutral Bus Bar				

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		OUTGOINGS					
		6 Nos. 20 Amps SP MCB RC-6kA.					
Cost of Non-Scheduled Items (Rs.)						0.00	
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00	

Lot 7: Site No.10
RV School PSG-078 Chackdara, Lower Dir

A REPAIR OF 4 ROOMS

1	04-02'	Dismantling stone masonry in mud mortar	100	Cft	550	0.00
2	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	780	0.00
3	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	450	0.00
4	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	780	0.00
5	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	950	0.00
6	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,800	0.00
7	11-23-b-01	White washing: Old surface : One coat	100	Sft	3,230	0.00
8	11-23-b-02	White washing: Old surface : Two coats	100	Sft	3,230	0.00
9	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	16	0.00
10	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	350	0.00
11	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	350	0.00
12	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	20	0.00
13	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	48	0.00
14	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	63	0.00
15	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	35	0.00

B REMAINING WORKS OF 3 NOS. NEW CLASS ROOM

16	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	150	0.00
17	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Prestressed Roof Slab 2" thick	100	Cft	90	0.00
18	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	365	0.00
19	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	600	0.00
20	11-23-a-01	White washing: New surface : One coat	100	Sft	2,140	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
21	11-23-a-02	White washing: New surface : Two coat	100	Sft	2,140	0.00
22	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	48	0.00
23	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	35	0.00
24	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	48	0.00
25	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	70	0.00

C FANS & EXHAUST FANS

26	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	8	0.00
27	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2	0.00
28	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2	0.00
29	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	8	0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

D LT CABLES

CONDUITS & PIPES

30	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	350	0.00
31	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	350	0.00

E WIRING ACCESSORIES

32	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	6	0.00
33	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column , Complete in all respects	1	No.	8	0.00
34	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	4	0.00

F WIRING IN CONCEALED CONDUITS

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

35	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	800	0.00
36	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	400	0.00
37	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	250	0.00
38	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
39	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

G LIGHT FIXTURES

40	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	16	0.00
41	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	7	0.00

H SOLAR SYSTEM (PHOTOVOLTAIC)

42	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	3,270	0.00
43	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	3,270	0.00
44	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	3,270	0.00
45	26-01-f-06	Supply and Erection of 12 V Lithium LiFePO4 battery per KWhr	1	KWhr	3	0.00
46	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	3,270	0.00
47	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
48	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	3,270	0.00
49	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	4	0.00
50	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	4	0.00
51	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
52	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	8	0.00
53	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00
54	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00
55	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00
56	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30	0.00
Cost of Scheduled Items (Rs.)						0.00
Add 8% above on Scheduled Item for District Lower Dir (Rs.)						0.00
Total Cost of Scheduled Items (Rs.)						0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

STRUCTURAL STEEL WORKS

Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	500	0.00
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LT DISTRIBUTION BOARD

(Ref. Specification Section-8001, 8133)

LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

2	NS-02	DB-SCHOOL	1	Job	1	0.00						
		INCOMING (MAIN Supply)										
		1 No. 32 Amps DP MCB RC=15KA										
		02 Nos. 2 Amps Protection fuses.										
		01 No. VSS										
		01 No. 0-500 Volts AC Analog Voltmeter										
		02 Nos. R- Indication lamps										
		01 Nos. Cu Bus Bars complete with										
		Nut & bolts, washers/ insulation.										
		01 Nos. Earth Bus Bar										
		01 Nos. Neutral Bus Bar										
		OUTGOINGS										
		6 Nos. 20 Amps SP MCB RC-6kA.										
		Cost of Non-Scheduled Items (Rs.)						0.00				
		Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00				

Lot 8: Site No.11**RV School PSC-286 Timargara, Lower Dir****A REPAIR OF 6 ROOMS**

1	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) At Prestressed Roof Slab 2" thick	100	Cft	410	0.00
2	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,250	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
3	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	1,250		0.00
4	11-23-b-01	White washing: Old surface : One coat	100	Sft	8,865		0.00
5	11-23-b-02	White washing: Old surface : Two coats	100	Sft	8,865		0.00
6	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	192		0.00
7	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	885		0.00
8	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	885		0.00
9	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	55		0.00
10	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	140		0.00

B CONSTRUCTION OF 1 NOS. NEW CLASS ROOM

11	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	240		0.00
12	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	95		0.00
13	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	95		0.00
14	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	150		0.00
15	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	335		0.00
16	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	280		0.00
17	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	595		0.00
18	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	690		0.00
19	11-23-a-01	White washing: New surface : One coat	100	Sft	875		0.00
20	11-23-a-02	White washing: New surface : Two coat	100	Sft	875		0.00
21	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	690		0.00
22	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	64		0.00
23	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	18		0.00
24	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	10		0.00
25	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	64		0.00
26	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	25		0.00

C WALKWAY WORKS

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

27	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	170	0.00
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D FANS & EXHAUST FANS

28	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	16	0.00
29	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	3	0.00
30	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	3	0.00
31	15-25	Supply and Erection girder clamp hook, 5/8" dia. for hanging ceiling fans.	1	Each	16	0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding. The core of the fans shall be made from grain oriented electrical steel sheet. The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved. The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

E LT CABLES

CONDUITS & PIPES

32	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	500	0.00
33	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	500	0.00

F WIRING ACCESSORIES

34	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11	0.00
35	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column, Complete in all respects	1	No.	16	0.00
36	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

G WIRING IN CONCEALED CONDUITS

37	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²).	1	Rft	1,600	0.00
38	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²).	1	Rft	800	0.00
39	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²).	1	Rft	250	0.00
40	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
41	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

H LIGHT FIXTURES

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)
42	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	33	0.00
43	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	7	0.00

I SOLAR SYSTEM (PHOTOVOLTAIC)

44	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
45	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
46	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
47	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	5	0.00
48	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
49	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
50	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00
51	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6	0.00
52	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6	0.00
53	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6	0.00
54	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10	0.00
55	15-105-a	Supply & erection of Earth Rod	1	Each	2	0.00
56	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10	0.00
57	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3	0.00
58	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) (1 x1 x1) Solar Foundation	100	Cft	30	0.00
Cost of Scheduled Items (Rs.)						0.00
Add 8% above on Scheduled Item for District Lower Dir (Rs.)						0.00
Total Cost of Scheduled Items (Rs.)						0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

J STRUCTURAL STEEL WORKS
Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	2,440	0.00
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K		LT DISTRIBUTION BOARD
		(Ref. Specification Section-8001, 8133)

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			

		LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.					
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2	NS-02	DB-SCHOOL	1	Job	1		0.00						
		INCOMING (MAIN Supply)											
		1 No. 32 Amps DP MCB RC=15KA											
		02 Nos. 2 Amps Protection fuses.											
		01 No. VSS											
		01 No. 0-500 Volts AC Analog Voltmeter											
		02 Nos. R- Indication lamps											
		01 Nos. Cu Bus Bars complete with											
		Nut & bolts, washers/ insulation.											
		01 Nos. Earth Bus Bar											
		01 Nos. Neutral Bus Bar											
		OUTGOINGS											
		6 Nos. 20 Amps SP MCB RC-6kA.											
		Cost of Non-Scheduled Items (Rs.)						0.00					
		Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)						0.00					

Lot 8: Site No. 12
RV School PSG-269 Timargara, Lower Dir

A REPAIR OF 7 ROOMS

1	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	870		0.00
2	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	870		0.00
3	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4) on Prestressed Roof Slab 2" thick	100	Cft	110		0.00
4	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	650		0.00
5	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	4,280		0.00
6	11-23-b-01	White washing: Old surface : One coat	100	Sft	6,580		0.00
7	11-23-b-02	White washing: Old surface : Two coats	100	Sft	6,580		0.00
8	12-62'	Provide & fix GI wire gauze 22 SWG, 12x12 mesh per sq. in, fixed to steel window complete	1	Sft	140		0.00
9	13-02-c-01	Painting old surfaces : Doors / windows any type First coat	100	Sft	760		0.00
10	13-02-c-02	Painting old surfaces : Doors / windows any type Each subsequent coat	100	Sft	760		0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
11	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	45	0.00	
12	27-04	Repairing & re-fixing of steel main gate ,doors/windows i/c holdfast, welding complete in all respects.	1	Sft	125	0.00	

B CONSTRUCTION OF 4 NOS. NEW CLASS ROOM

13	04-02'	Dismantling stone masonry in mud mortar	100	Cft	2,570	0.00
14	4-24'	Dismantling roof of wooden planks & battens from any height	100	Sft	1,200	0.00
15	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	1,080	0.00
16	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	2,350	0.00
17	06-02'	Dry rammed shingle brick ballast or stone ballast 1.5" to 2" guage	100	Cft	410	0.00
18	06-05-i	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:4:8)	100	Cft	410	0.00
19	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	340	0.00
20	06-07-a-03	RCC including Precast/Prestressed slab, column, beam, lintel, girder etc. (1:2:4).	100	Cft	25	0.00
21	06-08-c	Supply & fabricate M.S. reinforcement for cement concrete (Hot rolled deformed bars Grade 40)	100	kg	50	0.00
22	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	170	0.00
23	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	830	0.00
24	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	1,470	0.00
25	09-46'	Providing and Laying Prestressed Roof of Slab/Girder, 2" thick PCC 1:2:4 with chicken mesh, polythene, mud, tar	1	Sft	1,480	0.00
26	10-15-d	Provide & lay topping of concrete 1:2:4, including surface finishing & dividing in panels : 2" thick	100	Sft	1,220	0.00
27	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	2,700	0.00
28	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	1,470	0.00
29	11-23-a-01	White washing: New surface : One coat	100	Sft	3,930	0.00
30	11-23-a-02	White washing: New surface : Two coat	100	Sft	3,930	0.00
31	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	1,470	0.00
32	12-61'	MS flat 1/2"x1/8" grill in windows of approved design	1	Sft	64	0.00
33	12-70-a	Supply and Fixing MS Sheet 16 guage(10" x 2") box type chowkats including fixing in position with all charges for Hold fast, Hinges and Painting etc	1	Rft	70	0.00
34	15-02-a-08	Supply and Fixing PVC pipe for draining rain water (from roof) complete On surface including clamps etc: 4" i/d	1	Rft	40	0.00
35	25-39-a-05	Providing and fixing steel windows/Ventilator with openable glazed pannels, using beam section for frame 1-1/2" x 1" x 5/8" x 1/8", z-section for leaves 3/4" x 1" x 3/4" x 1/8", T- section sashes 1"x1"x1/8", glass panes, wooden screed for glazing embeded over a thin layer of putty duly screwed with leaves, brass fittings holdfast, duly painted, complete in all respects, including all cost of material and labour etc. as per approved design and as directed by the engineer - in -charge Glass pane 5mm thick	1	Sft	64	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)

36	25-45-a	Supplying and Fixing 18 SWG MS Sheet Door with angle iron frame (1.5"x1.5"x1/8"), bolt, hinges, paint etc complete	1	Sft	98		0.00
37	28-15	Pre anti Termite Treatment in the building mixed with water of mixing ratio as per the manufacturer's certified manual	100	Sft	3,540		0.00

C BOUNDARY WALL & GATE

38	03-18-a	Filling watering and ramming earth under floor with surplus earth from foundation etc.	1000	Cft	130		0.00
39	03-25-b	Excavation in foundation of building, bridges etc complete : in ordinary soil.	1000	Cft	250		0.00
40	04-02'	Dismantling stone masonry in mud mortar	100	Cft	240		0.00
41	06-05-h	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:3:6)	100	Cft	50		0.00
42	06-26-a-02	Damp proof course of cem. conc. 1:2:4 including bitumen coat, 1 layer polythene & 1 coat bitumen (2" thick)	100	Sft	30		0.00
43	07-04-a-04	1st class brick work in foundation and plinth in Cement, sand mortar 1:5	100	Cft	120		0.00
44	07-05-a-04	1st class brick work in ground floor Cement, sand mortar 1:5	100	Cft	250		0.00
45	11-09-b	Cement plaster 1:4 upto 20' height 1/2" thick	100	Sft	350		0.00
46	11-18-b	Cement pointing struck joints, on walls, upto 20' height : Ratio 1:3	100	Sft	320		0.00
47	11-23-a-01	White washing: New surface : One coat	100	Sft	350		0.00
48	11-23-a-02	White washing: New surface : Two coat	100	Sft	350		0.00
49	11-29	Extra cost of labour & material for red oxide pigment in cement pointing to match bricks	100	Sft	320		0.00
50	25-45-b	Supplying and Fixing 18 SWG MS Sheet Gate with angle iron frame (2"x2"x3/16") with side window, lock, painting etc	1	Sft	56		0.00

D WALKWAY WORKS

51	06-05-f	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4)	100	Cft	170		0.00
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E FANS & EXHAUST FANS

52	15-68-c	Supply and Erection best quality AC ceiling fan complete with GI rod, canopy, blades & regulator: 56" sweep.	1	Each	17		0.00
53	15-69-a	Supply & Erection best quality exhaust fan complete with shutter & regulator: 12" sweep.	1	Each	2		0.00
54	15-67	Making hole in wall with necessary masonry work for exhaust fan any size complete	1	Each	2		0.00
55	15-25	Supply and Erection girder clamp hook, 5/8" dia.for hanging ceiling fans.	1	Each	17		0.00

NOTE:The contractor/supplier shall ensure that the supplied fans are wound with pure 99.9% pure enamelled copper winding.The core of the fans shall be made from grain oriented electrical steel sheet.The exhaust fans shall follow the same standards described above. Moreover all fans should be NEECA approved.The fans shall be installed at the bottom level of structural beams. The contractor is required to get the approval from the site staff.

F LT CABLES

CONDUITS & PIPES

56	15-79-c	PVC conduit for surface wiring (duraduct) 1.5" including all charges for nail screws etc	1	Rft.	500		0.00
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ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT	QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)

56	15-79-d	PVC conduit for surface wiring (duraduct) 2" including all charges for nail screws etc	1	Rft.	500	0.00
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G WIRING ACCESSORIES

57	15-127-f	Supply at site, installation, testing and commissioning of Six gang light control switches 10 Amps, 250 Volts one way, including appropriate size concealed MS, powder coated back box, complete in all respects	1	No.	11	0.00
58	15-156	Supply, Installation, Connecting, testing and commissioning of 400 watt Fan dimmer, polycarbonate flame retardant with fancy gang plate fixed on die fabricated powder coated metal board recessed in wall or column, Complete in all respects	1	No.	17	0.00
59	15-155-c	Supply, installation, connecting, testing & commissioning of flush type 13 Amps 3-pin simplex outlet with 3 pin switch and socket combine unit with neon bulb fixed on plastic or fiber top covered, including 14 SWG metal board with earth	1	No.	8	0.00

H WIRING IN CONCEALED CONDUITS

60	15-06-a	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 3/0.029"(1.5mm ²) .	1	Rft	1,600	0.00
61	15-06-c	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.029"(2.5mm ²) .	1	Rft	800	0.00
62	15-06-e	Supply and Erection single core PVC insulated+sheathed copper conductor 250/440 V grade cable : 7/0.044"(6mm ²) .	1	Rft	250	0.00
63	15-02-b-03	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 1" i/d (for wiring)	1	Rft.	100	0.00
64	15-02-b-02	Supply and Erection PVC pipe for wiring purpose complete Recessed in walls including chase etc : 3/4" i/d (for wiring)	1	Rft.	100	0.00

I LIGHT FIXTURES

65	15-36-k-02	Supply, installation, connecting, testing and commissioning of Surface mounting LED tube light with 1x2000 lumens output and fixture, complete in all respects	1	No.	33	0.00
66	15-36-j-12	Supply, installation, connecting, testing & commissioning of 10W LED Down Light Fixture suitable for 1300 lux, as per instruction of Engineer, surface mounted circular shape or equivalent	1	No.	7	0.00

J SOLAR SYSTEM (PHOTOVOLTAIC)

67	26-01-d-01	Supply and Erection of Solar PV Module (Solar Panel) Mono-crystalline A-Grade (per Watt) (As per Approved Specifications)	1	Watt	5,450	0.00
68	26-01-m-01	Supply and Erection of hot dipped (80 microns Average) galvanized steel of minimum thickness of 12 SWG / 2.64 mm Channel / Pipe or 8 SWG / 4.06 mm Angle	1	Watt	5,450	0.00
69	26-01-i-05	Supply and Erection of off Grid Hybrid inverter	1	Per Watt	5,450	0.00
70	26-01-f-06	Supply and Erection of 12 V Lithium LiFeP04 battery per KWhr	1	KWhr	5	0.00
71	26-01-o	Supply and Erection of BOX / STAND for Batteries SHS Inverter & Charge Controller	1	Watt	5,450	0.00
72	26-01-g-03	Supply and Erection 1x6 sq.mm single core (XPLE/XPLO insulated/PCV sheathed) flexible copper cable	1	Meter	50	0.00
73	6-01-n-03	Supply and Erection of Stainless Steel Nuts and Bolts	1	Watt	5,450	0.00

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
			(d)	(e)			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
74	26-01-h-01	Supply and Erection MC4 connector (TUV Approved)	1	Pair	6		0.00
75	26-01-h-02	Supply and Erection MC4 Branch connector	1	Pair	6		0.00
76	26-01-g-12	Supply and Erection 2x16 sq.mm Copper cable	1	Meter	6		0.00
77	26-01-g-10	Supply and Erection 2x6 sq.mm flexible copper cable	1	Meter	10		0.00
78	15-105-a	Supply & erection of Earth Rod	1	Each	2		0.00
79	15-105-b	Supply & erection of Earthing wire GSL 6 mm	1	kg	10		0.00
80	15-42-e	Supply, Installation, Testing and Commissioning of Air terminal or arrester	1	Each	3		0.00
81	15-105-c	Plain Cement Concrete including placing, compacting, finishing & curing (Ratio 1:2:4(1 x1 x1) Solar Foundation	100	Cft	30		0.00
Cost of Scheduled Items (Rs.)							0.00
Add 8% above on Scheduled Item for District Lower Dir (Rs.)							0.00
Total Cost of Scheduled Items (Rs.)							0.00

NON-SCHEDULED ITEMS

Supply, installation, testing and commissioning of the following items of work, including all labour, tools, plant, accessories, etc. required for completion of each item as per specifications and as approved by the Engineer.

K **STRUCTURAL STEEL WORKS**
Ref. Spec. No. 3000, 6700

1	NS-01	Providing and fixing the chicken wire mesh of approved quality, at Prestressed Roof Slab etc complete.	1	Sft	660		0.00
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L		LT DISTRIBUTION BOARD (Ref. Specification Section-8001, 8133)
		LT 415V AC Main DB/Sub-Main DBs shall be made from 16 SWG sheet steel, while all other DBs must be of 16SWG. This shall be designed, fabricated and manufactured as a free standing floor type. The sheet metal work shall be cleaned down to bare shining metal degreased, derusted and painted with TWO base coats of antirust RED paint. The sheet metal work shall be finished in TWO coats of powder paint. The color and shade shall be as approved by the Engineer. The distribution Board shall be complete with all internal wirings, tags, identification labels, TPN and E copper busbars, accessories etc. The DB should be provided with the armored glands. The bus-bars shall be insulated in RED, YELLOW, BLUE and BLACK insulations. The insulation shall be heat shrinkable type or as directed by the Engineer.

2	NS-02	DB-SCHOOL	1	Job	1		0.00
		INCOMING (MAIN Supply)					
		1 No. 32 Amps DP MCB RC=15KA					
		02 Nos. 2 Amps Protection fuses.					
		01 No. VSS					
		01 No. 0-500 Volts AC Analog Voltmeter					
		02 Nos. R- Indication lamps					
		01 Nos. Cu Bus Bars complete with					
		Nut & bolts, washers/ insulation.					
		01 Nos. Earth Bus Bar					
		01 Nos. Neutral Bus Bar					

ITEM No.	KPK MRS 2022 REF. NO./ NS (2nd BI ANNUAL)	DESCRIPTION	UNIT		QTY	UNIT RATE (Rs.)	TOTAL AMOUNT (Rs.)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
		OUTGOINGS					
		6 Nos. 20 Amps SP MCB RC-6kA.					
Cost of Non-Scheduled Items (Rs.)							0.00
Total Cost of Scheduled Items & Non-Scheduled Items (Rs.)							0.00
Grand Total Cost of RV,s (Site No. 1 to 12)							0.00