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ARMY PUBLIC SCHOOL, BABINA

TUNKA ROAD, BABINA CANTT (UP) - 284401

Website: www.apsbabina.com, Email: armyschool3@yahoo.com

AFFILIATED TO THE CENTRAL BOARD OF SECONDARY EDUCATION

ADVERTISEMENT

**ADVERTISEMENT CALLING FOR QUOTATIONS FOR RENOVATION OF STAFF ROOM
(SENIOR WING) AT ARMY PUBLIC SCHOOL, BABINA CANTT, DISTT - JHANSI (UP)**

S.NO	WORK	REMARKS
01	Renovation of staff room (Senior Wing) quotation called for renovation of staff room (Senior Wing) to be converted in modular kitchen with all modern amenities along with modular toilet with all modern facilities	Scope of work/ Details & Specification to be downloaded from school Website (www.apsbabina.com)

(a) Army Public School, Babina Cantt invites quotation from eligible contractor registered with MES, CPWD, PWD and Railways.

(B) The last date of physically dropping of quotation in quotation box is 7 Mar 2025. (Timing school hours 0900 hrs to 1400 hrs)

(c) Only typed and sealed envelope will be accepted, the firm should be TIN, PAN, GST number holder.

(d) Terms and Conditions apply.

*Only single quotation will be accepted from vendor.

*Make proper entry with signature of vendor in Tender Register before dropping of quotation in box

CFN: 1500/ADD/APSB.

Date: 20.02.2025

Sd x-x-x-x-x

(Principal)

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झांसी

शुक्रवार, 21 फरवरी 2025

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विक्रम संवत्-2081



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CFN: 1500/ADD/APSB

Date: 20/02/2025

(Principal)

Station : Babina

Nature of work : Renovation of staffroom in APS at Babina Cantt

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
1.	Supplying, fixing, jointing and testing galvanised iron tubing medium grade with all fitting such as bends, elbow, socket, reducer etc and fixed to wall or laid in floor complete all as specified and as directed for the following sizes:-					
	(a) 15 mm dia bore	RM	15.00			
	(a) 15 mm dia bore	RM	10.00			
2	Cutting chases, pinning in, making good to facings where required and pointing in cement mortar 1:3 to ends or edges of landings, steps, cills, sunshades, shelves, lintels etc., and cutting chases for concealed water tubing or concealed conduit wiring, etc., and making good, cutting exceeding 10 cm but not exceeding 20 cm girth in brick walls complete all as specified and directed	RM	25.00			
3	S & F in repair 20mm dia Gun metal gate valve with iron wheel head, screwed both ends for iron pipe complete all as specified and as directed.	Each	2.00			
4	Dismantling floor, hearth or wall tiling including cement mortar bedding (but not backing), removing serviceable tiles to store and rubbish off the premises and complete all as specified and as directed.	Sqm	89.66			
5	M&L, for PCC 1:2:4 type B-0 using 12.5 mm gradesd stone agg as in levelling course of floors of 25 mm thick complete all as specified and directed.	Sqm	27.00			
6	M&L, screed bed or bedding layer of mortar 15 mm thick in cement mortar 1: 6 to receive tiles etc finished rough complete all as specified and directed.	Sqm	27.00			
7	Machine cut kota stone slab flooring 20-25mm thick over cement screed base laid and jointed with grey cement slurry mixed with pigment to match the shade of the slab including rubbing and polishing complete all as specified	Sqm	27.00			
8	M&L for non skid coloured ceramic tiles 7 to 8 mm thick (400mm x 400mm) in floors etc. set and jointed in neat cement slurry and pointed in white or coloured cement to match to floor etc complete all as specified and as directed.	Sqm	11.17			
9	M&L, Rendering 10mm thick in cement mortar 1: 3 on faces of brick work or concrete surfaces, finished rough to receive tiles etc including tacking down of existing plaster	Sqm	51.50			
10	M&L for glazed coloured tiles 450x300x7mm thick for work on vertical surface, set & jointed in cement slurry and pointed in white or coloured cement to match etc complete all as specified and as directed	Sqm	51.50			
11	M&L for 18-20 mm thick Granite (of any type) work (table rubbed and polished) in steps, jambs, pillars, window cills, cooking platforms and like including pointing in white cement (1:2) using marble dust with admixture of pigment to match with shade of granite over 15 mm thick in CM(1:6) etc complete all as specified and directed.	Sqm	3.34			
12	Demolition of PCC in any description and in any position etc complete all as specified and directed	Cum	0.35			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
13	M&L PCC 1:4:8 type D2 using 40mm graded stone agg as in filling and mass concrete, Sub base/flooring complete all as specified and directed.	Cum	0.35			
14	M&L Chequered cement concrete tiles 20cm x 20cm x 25mm thick, set, jointed and pointed in neat cement slurry in floors with grey cement and pigment complete all as specified and directed.	Sqm	7.00			
15	M&L, for PCC 1:2:4 type B-0 using 12.5mm graded stone agg as in coping on side of path including necessary form work etc complete all as specified and directed.	Cum	0.20			
16	Demolition of brick work built in cement mortar complete all as specified and directed.	Cum	0.50			
17	M&L brick work using sub class B bricks old size straight or curved on plan exc 6.0 M mean radius built in cement mortar 1:4 as in manhole/septic tank/soak well complete all as specified and as directed.	Cum	0.50			
18	M&L for rendering 10mm thick on fair faces of wall even and smooth finish without using extra cement on conc/brick surfaces in CM 1:6, complete all as specified and as directed	Sqm	10.00			
19	M & L for complete removal of existing treatment from surface of wall all as specified and as directed by the Engineer-in-Charge	Sqm	150.50			
20	M & L for applying 1mm putty on wall all as specified and as directed by the Engineer-in Charge	Sqm	150.50			
21	M & L for applying Two or more coats of 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives @ 1.43 litre/ 10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/ 10 sqm over new surfaces. complete all as specified and as directed.	Sqm	150.50			
22	Taking down chowkhat or frames with shutters (without taking off shutters from the frame) exe 1.5 Sqm but n exc 4 Sqm each etc complete all as specified and as directed	Each	4.00			
23	Taking down chowkhat or frames with shutters (without taking off shutters from the frame) not exe 1.5 Sqm each complete all as specified and as directed.	Each	3.00			
24	M&L for aluminium powder coated door shutters, aluminium section weighing 0.55 kg/m including necessary joining cleats, glazing clips, ruber neoprene packing, handles 2 Nos in each door, hinges, anodised aluminum snap beading screws etc. S & F 5.5 mm thick tinted glass in panel of shutter fixed with glazing clips, rubber gasket and powder coated aluminium snap beading so as to make air tight and including S & F powder coated butt hinges type C-1 ,100 mm size 3 nos per shutter, powder coated aluminium handle of 150mm size 2 Nos (One on each side of shutter), powder coated aluminium tower bolt of size 200 mm (2 Nos) per shutter, mortise lock, brass body,6 levers (1 No) with duplicate keys, aluminium (extruded section) hydraulic door closer regulated designation No-3 Universal type (1 No) & Floor door stopper (140 mm) overall,aluminium body 1 No on each shtter etc complete all as specified and as directed. Note: (i) Shutter (Glazed) shall be fixed on frame of required size and shall be measured seperately (iii) Cost of all fittings & fixture shall deemed to be included in unit quoted rate by the tenderer. Note : The minimum thickness of powder coating shall be 50 Micron complete all as specified	Sqm	4.00			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
25	M&L for aluminium powder coated sliding window shutters (shutters to be slide in suitable track system) (three panel shutter) fabricated out of section for outer frame having weight not less then 1.17kg/Rm, sliding window shutters made of sections all round having weight not less than 0.42 kg/Rm top rail, bottom rail and verticle styles and middle rail of shutter having weight not less then 0.368 kg/Rm and including providing necessary powder coated aluminium fittings, 5mm thick tinted, selected quality and glass, stainless steel wire cloth .36 mm dia steel wire and apperture 1.18 mm and shutter provided with aluminium deco grill made of 10 mm quare bras and mesh size 50 mm both ways etc fixed with standard aluminium channel to outer side and including providing powder coated aluminium handle, cleats and glazing clip special and suitable auto lock system, rubber gasket including anodised aluminium grill etc complete all as specified and as directed. (i) The minimum thickness of powder coating shall be 50 Micron. (ii) Cost of all fittings & fixture including window frame shall deemed to be included in unit quoted rate by the tenderer. and design	Sqm	3.05			
26	M&L for aluminium powder coated glazed window / ventilator/ wall partition fixed type, without sash bars using approved powder coated aluminium sections weighing 0.55 kg/m including necessary joining cleats, glazing clips, rubber packing, powder coated aluminium snap beading, screws all fittings, 5mm thick tinted, selected quality and glass etc complete all as specified and as directed. Note: (i) The minimum thickness of powder coating shall be 50 Micron.(ii) Cost of all fittings & fixture shall deemed to be included in unit quoted rate by the tenderer.	Sqm	2.58			
27	S&F Factory Made Solid PVC Moulded Door Shutter, 28 to 30mm thick (stiles), with 2, 4, or 6 raised panel design with 2mm thick Moulded PVC Sheet on the front face & 2mm plain colour PVC sheet on back face, supplying & fixing in frame at site as per specification & drawing complete all as specified and directed.	Sqm	3.78			
28	S & F PVC door frame of size 50 mm x 47 mm made out of 5 mm plain colour PVC sheet reinforced with MS Square tube etc complete all as specified and as directed.	RM	7.80			
29	S&F aluminium anodized barrel tower bolts of extruded section & fixed 150 mm long etc complete all as specified and as directed	Each	2.00			
30	S&F aluminium handles cast type anodized 150 mm size etc complete all as specified and as directed	Each	4.00			
31	S&F but hinges extruded aluminium alloy with galvanised mild steel hing pin, anodised and fixed, type C-21 100 mm size in toilet for PVC doors etc complete.	Each	6.00			
32	S&F 250 mm long Aluminium alloy, anodised, sliding door bolt with hasp, staple (bolt type) and fixing clips of sheet, cast or extruded sections and fixing bolts and sliding bolts of extruded sections or cast-aluminium alloy.	Each	2.00			
33	S&F in repair EWC (Pedestal Pattern) cascade type (twin action) with glazed flush tank, seat cover etc white including fixing bolts complete including making good to floor to match with adjoining surfaces and taking out existing water closet all as directed by Engineer-in-Charge.	Each	2.00			
34	S & F premium HDHMR plywood (water & termite resistance) vanity/cabinate for bathroom with table top wash hand bashin in any colour size- 24"x18"x32" complete all as specified and directed by Engineer-in-Charge.	Each	2.00			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
35	S & F in repair for 900mmx600mm premium wall mounted back light digital LED fancy mirror of selected quality glass, fixed on wall with chromium plated brass screws and cup washers complete all as specified and directed	Each	2.00			
36	S & F premium Vitreous China large urinal of with grating and union for discharge pipe complete including providing and fixing plugs, bedding urinal against wall in cement mortar 1:2, securing urinal to plugs with and including 60 mm long brass screws, pointing around urinal back in cement, complete all as specified and as directed	Each	1.00			
37	S & F in repair CP c glass shelf with bracket fixed to wall with screws complete all as specified and as directed by Engineer-in-Charge.	Each	2.00			
38	S&F in repair PVC connections 15mm size with PTMT nuts of length 450mm etc complete all as specified and as directed by Engineer-in-Charge.	Each	6.00			
39	S&F brass CP mixer 15mm dia bore mixing hot & cold water for wall, wash hand basin and sink screwed down for iron pipe and fixed all as directed by Engineer-in-Charge.	Each	3.00			
40	S&F in repair 15 mm fancy type chromium plated stop valves/angle valve, screwed down high pressure, with crutch or butterfly handle scribed both ends for iron pipe or for unions and fixed complete all as specified.	Each	6.00			
41	S&F in repair 15mm bore fancy type chromium plated bib cock long body with flange etc complete all as specified and as directed.	Each	2.00			
42	S&F in repair brass chromium plated health faucet for EWC screwed down to GI tubing/fittings 15mm dia incl 1200mm long stainless steel connection complete all as specified and directed by Engineer-in-Charge.	Each	2.00			
43	S&F in repair fancy type CP Brass toilet paper holder complete all as specified and directed by Engineer-in-Charge.	Each	2.00			
44	S&F in repair PVC floor trap/Nahani trap outlet dia 75mm with grating including jointing to waste pipe fixed in cement concrete type B1 (1:2:4) complete all as specified and directed	Each	2.00			
45	S & F CP Towel rail 20 mm dia and 60 cm long complete all as specified and directed	Each	2.00			
46	S&F stainless steel kitchen plate rack overall size 900mm x 750 X 250mm make out of 0.80mm thick stainless steel sheet etc complete all as specified and directed	Each	1.00			
47	S&F in repair stainless steel sink with drainage board 1.00mm thick for kitchen or laboratory with plug, waste pipe, coupling, washers also incl cantilever cast iron brackets connecting union etc, overall size 915mm x 460mm with bowl size 410x330x160mm complete all as specified and directed	Each	1.00			
48	S&F in repair chromium plate curtain rod 25 mm dia with brackets and knobs at both end complete all as specified and directed	RM	7.50			
49	Demolition and breaking up drain pipes (Salt glazed ware, AC/PVC/CI or Reinforced concrete) set in cement mortar in floors or wall in 100mm dia meter complete all as specified and directed	RM	70.00			
50	S&F PVC (SWR) pipes single socketed, in any length with rubber ring joints, fixed to wall with clamp out of 25x3mm flate Iron including bolts and nuts 110mm bore complete all as specified and directed	RM	10.00			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
51	S &F of 110mm dia PVC (SWR) pipes single socketed, in any length with rubber ring joints laid in trenches or in floors complete all as specified and directed	RM	1.00			
52	S &F of 75mm dia PVC (SWR) pipes single socketed, in any length with rubber ring joints laid in trenches or in floors complete all as specified and directed	RM	60.00			
53	S&F PVC (SWR) bends any radius 110mm bore complete all as specified and directed	Each	2.00			
54	S&F PVC (SWR) bends any radius 75mm bore complete all as specified and directed	Each	6.00			
55	S&F PVC (SWR) junction single, (single T) equal or unequal 75mm bore with access door	Each	2.00			
56	S&F PVC (SWR) junction single, (single T) equal or unequal 110mm bore with access door.	Each	2.00			
57	S&F PVC (SWR) vent cowl 110mm bore complete all as specified and directed	Each	2.00			
58	S&F Mild steel TMT bars 10 mm dia., and over cut to length, bent to shape required, including cranking, bending spirally for hooping for columns, hooking ends and binding with mild steel wire (annealed) not less than 0.9 mm dia., or securing with clips.	Kg	30.00			
59	M&L for providing precast reinforced cement concrete 1:2:4 type B1 using 20 m graded stone aggregate as in landings, kitchen slab, cover slabs (for men holes etc) chullah hoods, chhajjas water troughs mangers, shelves and similar articles with plain faces	Cum	0.25			
60	M&L for Formwork (rough finished surfaces of concrete flat) to soffits of suspended slabs such as roof slabs, floor slabs, landings and similar work not exceeding 200mm thick (Horizontal or sloping) complete all as specified and directed.	Sqm	3.34			
61	S&F false ceiling with 4 mm thick gypsum board tiles laminated with white PVC film on face side & metalized polyester film (Aluminium foil) on the back side with all four edges sealed with PVC film of size 600 x 600 mm (595 X 595 mm) fixed with clips & screws including anodised aluminium snap grid frame work for false ceiling of Tee/Angle of weight not less than 300 gm per RM with slot for fixing including necessary suspender of flat iron or 4 mm dia bars of required length fixed in purlin of roof not exceeding 1.20 m both ways including all accessories required for suspending ceiling work and gypsum board complete all as specified and as directed by the Engineer-in-Charge.	Sqm	38.17			
62	M&L for Personal Locker with ultimate storage solution. Crafted with a robust powder-coated CRCA sheet, locker boasts doors with 0.8 mm thickness, body, back, and shelves with 0.6 mm thickness and locking facility with duplicate key option, for total of 20 individual compartments. make- Nilkamal Magna Personal Locker and equalent.	Each	1.00			
	Total					
	G.S.T.					
	Grand total					

Note :- Rates should be included with all type of taxes

Station : Babina

Nature of work : Renovation of staffroom in APS at Babina Cantt

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
1	Taking down carefully copper/ aluminium point wiring (light, fan, socket, or power) complete fitting such as switches, ceiling roses pendants, regulators, sockets, light fitting ceiling fan etc to be measured seperately) removing materials for keeping in safe custody or for taking credit (credit for above items should be made as per conditions seperatly) and making good disturbed surface of walls floors etc all as specified and directed. Note- Responsibility after taking down fan/exhaust fan keep in safe custody of contractor and refix the same after before completion of work the rate of same deemed to be included in the item quoated rate.	Per point	27			
2	Taking down carefully existing wooden board , Main switch, MCB DB boxes with MCBs, sheet metal boxes, cut out, etc of any size any capacity from boards complete all as specified and as directed.	Each	1			
3	M & L for conceaed point wiring complete with PVC insulated and unsheathed flame retardant low smoke and halogen (FRLSH) cable of 1.5 sqmm (nominal area) with multi stranded copper conductor single core 1100 volts grade in and including rigid PVC conduit not less than 20 mm dia, clip, with MS terminal boxes (not less than 1.6 mm thick) and painted with one coat of red oxide primer all around and two coats of black bituminous paint from out side and two coat of aluminum paint from in side including common earth dolly with 3 mm thick plastic laminated sheet top cover of approved make and colour including 1.5 sqmm green multi stranded copper conductor as continuous earth wire with lugs complete including cutting necessary chases on wall / ceiling surfaces for drawing of conduit & cables as required and making good disturbed surfaces of walls with CM 1:3:6 and matching with the existing surfaces including colour washing all as specified and as directed for the following :-					
4	(a) One light point controlled by one switch	Per Point	12			
5	(c) one fan point/exhaust point controlled by one switch & regulator.	Per Point	4.00			
6	(d) One 3/5 pin 5 Amp socket outlet point controlled by one switch on independent board.	Per Point	6			
7	(e) One 3/5 pin 5 Amp socket outlet point controlled by one switch on same board.	Per Point	2			
8	M & L for conceaed point wiring complete with PVC insulated and unsheathed flame retardant low smoke (FRLS) 1100 volts grade in single core multistranded cu conductor cable of size 4 sqmm for phase and neutral in and including concealed 20/25 mm dia pvc conduits, sheet steel sunken box 1.2mm thickness covered including with 3 mm thick plastic laminated sheet for mountning switches, socket , regulators etc and including 4 sqmm copper conductor pvc insulated and unsheathed multi stranded green cable as earth wire for power socket (geyser) complete all as specified and as directed. (unit rate quated including c;utting chases and making good the disturbed surface to match with the original. nothing extra shall be paid on this account)	Per Point	8			
9	S&F modular socket 20 amp with MCB 20 Amp 'C' type all specified and complete. (For geyser)	Each	1			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
10	Description all as per item No 4 above but using 2.5 sqmm single core multi stranded copper conductor PVC insulated and unsheathed flame retardant low smoke (FRLS) cable for 3/6 pin 15 Amp socket outlet controlled by one switch on independent board with 2.5 sqmm green stranded copper conductor as continuous earth wire with lugs complete all as specified and as directed.	Per Point	3			
11	S&F switch piano flush button type 5 Amp single pole one way complete all as specified and as directed.	Each	24.00			
12	S&F socket outlet 2in1, 3 pin, 5 Amp flush type complete all as specified and as directed.	Each	8			
13	S&F switch piano flush button type 15 Amp single pole one way complete all as specified and as directed.	Each	3			
14	S&F socket outlet 2in1, 3 pin, 5 Amp and 15 Amp flush type complete all as specified and as directed.	Each	3			
15	S & F delux Fan Regulator electronic rotary, step type 240 Volt 50 Hz, complete all as specified as directed.	Each	2.00			
16	S & F Lamp holder,PVC/Urea type with back plate suitable for batten fittings complete all as specified as directed	Each	4			
17	S & F 9W/10W LED retrofit lamp B-22 holder base with polycarbonate body and aluminium heat sink complete all as specified as directed.	Each	4			
18	S&F ceiling rose,surface POLYCARBONATE 63 x50mm three terminals complete all as specified and as directed.	Each	12.00			
19	S&F sheet metal enclosure double door concealed suitable for distribution boards when MCBs to be used having 100 Amp rated bus bar SPN DB 8 ways 240 V complete all as specified and as directed .	each	1			
20	S&F MCB single pole and neutral 40 Amp/63 Amp 240 V ,10KA , 'C' series, complete all as specified and as directed with copper lugs	Each	1			
21	S&F MCB single pole 6 to 32Amps 240 V,10KA, 'C' series,complete all as specified and as directed	Each	6			
22	Supply and fixing in repair 22 W LED 6000k Decorative ultra slim linear LED fitting fixture with extruded polycarbonate ,environmental friendly ,energy effcientinterated driver and 28watts lamp fitted including wiring upto and terminal into ceiling rose complete all as specified and directed by Engr-in- Charge.	Each	6			
23	Supply and fix LED 35W building security light fitting,5700 K energy saving & environmental friendly long life versatile pressure die cast aluminium IP 66.road way luminare with high power LEDs as light source and electronic driver suitable for pole dia 35 mm including 35 mm dia light grade tube bracket ,bend to shape 1.80 mtr length with two nos of clamps of size 50mm x 6mm with nuts and bolts,washers etcincluding connection with 1.5sqmm threesingle core PVC insulated and PVC sheathed cable stranded copper cable upto ceiling rose and fixing on walls/pole complete all as specified and directed. Make:bajaj cat part noBRLEP20WLEDWH or equivelent of philips/Havells /CG	Each	2			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
24	Supply and laying or fixing or passing through HDPE pipe, 1100 volts grade heavy duty cable with XLPE insulated stranded aluminium conductor served with an inner sheathing of PVC tape armoured with galvanised steel or strip and overall PVC sheathed, 10 sq mm 2 core ISI Marked as per IS 7098(Part 1) including connecting on LT OH line / LT panel /DB with suitable lugs, glands, binding wire etc complete all as specified and directed.	RM	20.00			
25	Supply and Fixing Exhaust fans AC single phase 230/240V of size 300 mm sweep, 1400 RPM with louvre complete including with all arrangement of making holes on wall, making good and finishing of disturbed surfaces matching with the existing surfaces, necessary fixing arrangement such as fastener bolts, nuts, washers etc, of appropriate size all as specified and as directed	each	2.00			
26	S&F BLDC Ceiling fan complete with three aluminium blades down rod, snackel clamp, reel insulator, fan canopy split pin and accessories 230 V, 1200mm sweep with service value not less than 7.8, power consumption not more than 28 watt and minimum air delivery of 220 CMM, BEE 5 star rated, two core PVC insulated copper wire white sheathed of size 0.5 sqmm from fan connector to ceiling rose complete all as specified and directed. NOTE:-(I) Writing MES no in 20mm letter size with black paint etc is deemed to be included in quoted rate. (ii) Old fan deposit in store yard.	Each	2.00			
27	Excavation in trenches in any type of soil not exe 1.5 mtrs wide and not exe 1.5 mtr in depth for laying of pipe/cables etc and getting out incl forming bottom surface to the required level/slope etc complete all as specified and directed .	Cum	5.4			
28	Returning fitting in soft/loose soil, including spreading levelling watering and well ramming in layers n.exc 25 cm complete all as directed	Cum	3.56			
29	Removing excavated soils to a distance n.exc. 50 mtrs and deposite where directed at a level n.exc. 1.5 above the starting point complete all as specified and directed	Cum	1.84			
30	Material and labour for Double wall corrugated HDPE pipe, ISI marked of outer dia 50mm, inner dia 38mm with smooth internal and profiled external surface, non-pressure type, laid in trenches/floors/duct or fixed on walls /pole including all connections, accessories like socket, couplers, bends, etc for protection of LT cable XLPE grade 1100 volts complete all as specified and directed by Engineer-in-Charge.	RM	17.00			
31	S&F in replacement of 35 W of size 2 Feet X 2 Feet LED 6500K recessed mounting luminaire glare free suitable for armstrong/ grid ceiling in MS/CRCA housing with high brightness LEDs incl wiring upto and terminating into existing ceiling rose complete all as specified .	Each	4			
32	Supply and install hi wall split units indoor/outdoor complete with cordless remote control unit and with in built air ionises and plasma filter for better indoor air quality with 3/4/5 star rating and EER 3.2 of capacity 1.5 TR.(Make LG/VOLTAS/BLUE STAR) complete all as specified and directed by Engr-in-charge.	Each	1			
33	S&F Voltage stabilizer for automatic operation, single phase naturally air cooled indoor type & designed for input variation between 170V To 250 V with output voltage stabilized at 230 V with accuracy of capacity 0.5 KVA.	Each	1			

S No	Brief Specification of work	A/U	Qty	Rate	Amount	Remarks
34	M&L pipe galvanised iron of size 50 mm dia, light grade ISI marked, complete with fittings laid in trenches/ fixed with poles etc as protection to cables complete as ditrected by Engineer in Charge	RM	5			
35	M&L, sub main wiring with two single core PVC insulated unsheathed FRLSH confirming to IS 694:2010, multi stranded copper conductor (ISI marked with valid CML No), cable 1100 Volt grade, 4 sqmm size drawn in and including non metallic rigid PVC concealed conduit medium grade (ISI marked with valid CML No) not less than 25 mm dia with all fitting & fixing accessories including one run single core PVC insulated unsheathed 2.5 Sqmm FRLSH confirming to IS 14930 (Part-I) 2001, copper conductor (ISI marked with valid CML No) colour code as a earth continuity and connected upto DB complete all as specified and directed. (NOTE: (i) Two run of single core PVC cable with one run of earth conductor and conduit shall be measured as one unit and the quoted rates shall be deemed to be inclusive for cutting chases in wall/pillars/columns etc. of any description for concealing the conduits to required depth & making good the disturbed surface in cement mortar 1:4 including finishing the surface with putty to match with the existing surface.	RM	20			
36	M&L for earthing complete with galvanised steel earth plate electrode of size 600 mm x 600 mm x 6 mm thick weithing not less than 17.5 Kg buried directly in ground (earth pit not less than 2.25 mtr deep below normal ground level) with top edge of the plate not less than 1.5 mtr below ground level, connected to galvanized earth lead wire 4.00 mm dia by means of bolts nuts check nuts & washers of galvanized iron or steel , procteded by GI pipe 15 mm bore(light grade) and watering pipe 20 mm bore GI pipe (light grade) and chamber of pcc 1:4:8 type D2 using 40 mm graded stone aggregate and coping shall be in PCC 1:3:6 type C1 using 20mm graded stone agg. 50 mm thick cover of RCC 1:2:4 type B1 using 20 mm graded stone agg. reinforced with 8 mm dia MS tor bar @ 80 mm c/c both ways including excvation and earth work and removal of surplus soil complete all as shown in electrical plate no 3 of SSR PT 1, 2009 with charcoal dust and salt complete and earth lead connected to earthing test point (up to main switches, DBs) complete all as specified & testing on completion. <u>NOTE:-</u> (I) item includes the cost of 7.5 mtr length GI pipe for protection for GI earth wire. (ii) item rates includes the cost of 7.5 mtr earth lead GI earth wire. (iii) PCC pit shall be provided at least 500mm away from the pit and not on the earth pit itself and the extra cost of additional length of watering pipe,bends,elbow etc shall be deemed included in the unit rate.	Each	1			
	Total					
	G.S.T.					
	Grand Total					

Note : Rates should be included all type all taxes