

BOQ FOR CHANGE OF ROOF SLAB IN CORRIDOR AT DAV PUBLIC SCHOOL, KAILASH HILLS, DELHI

S. No.	DSR Code No.	Description of Items	Qty.	Unit	Rate	Amount
1	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III)derived from natural sources : 3 graded stone aggregate 20 mm nominal sizederived from natural sources).	12	Cum		
2	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	2555.75	Kg		
3	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :				
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	1.00	Sqm		
4	5.9.20	Suspended floors, roofs, landings, balconies and access platform with water proof ply 12 mm thick	80.00	Sqm		
5	12.21	Providing gola 75x75 mm in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 stone aggregate 10mm and down gauge) including finishing with cement mortar 1:3 (1 cement : 3 fine sand) as per standard design :				
	12.21.1	In 75x75mm deep chase	65.00	Meter		
6	13.1	12 mm cement plaster of mix :				
	13.1.1	1:4 (1 cement: 4 fine sand)	100.00	Sqm.		
7	13.8	Providing and applying white cement based putty of	150.00	Sqm.		
8	13.83	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
	13.83.1	One coat	1.00	Sqm		
	13.83.2	Two coats	150.00	Sqm		
9	15.23	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	15.23.1	For thickness of tiles 10 mm to 25 mm	80.00	Sqm.		
	15.23.2	For thickness of tiles 25mm and up to 40 mm	1.00	Sqm.		
10	15.2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.				
	15.2.1	Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	12.00	Cum		
11	15.6	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, all loads including all lifts involved. Note:- Malba quantity is equal to dismantled material / items.	24.00	Cum		
12	15.18	Dismantling steel work in built up sections in angles, tees, flats and channels including all gusset plates, bolts, nuts, cutting rivets, welding etc. including dismembering and stacking within 50 metres lead.	600.00	Kg		
13	18.78	Making chases up to 7.5x7.5 cm in walls including making good and finishing with matching surface after housing G.I. pipe etc.	75.00	m		

14	22.2	Providing and laying integral cement based treatment for water proofing on the vertical surface by fixing specified stone slab 22 mm to 25 mm thick with cement slurry mixed with water proofing compound conforming to IS:2645 in recommended proportions with a gap of 20 mm (minimum) between stone slabs and the receiving surfaces and filling the gaps with neat cement slurry mixed with water proofing compound and finishing the exterior of stone slab with cement mortar 1:3 (1 cement : 3 coarse sand) 20 mm thick with neat cement punning mixed with water proofing compound in recommended proportion complete at all levels and as directed by Engineer-in-charge :				
	22.2.1	Using rough Kota stone	150.00	Sqm		
15	26.22	Providing and fixing false ceiling at all heights with integral densified calcium silicate reinforced with fibre and natural filler false ceiling tiles of Size 595x595 mm of approved texture, design and patterns as per CPWD Specification 2019, to be laid in true horizontal level suspended on interlocking metal T-Grid of hot dipped galvanised iron section of 0.33 mm thick (galvanized @ 120 grams per sqm including both sides)comprising of main-T runners of size 24x38 mm of length 3000 mm,cross - T of size 24x32 mm of length 1200 mm and secondaryintermediate cross-T of size 24x32 mm of length 600 mm to formgrid module of size 600 x 600 mm, suspended from ceiling using galvanised mild steel items (galvanizing @ 80 grams per sqm) i.e. 12x50 mm long dash fasteners, 6 mm dia fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 76x25x25x1.6 mm fixed with grid and Z cleat of size 25x37x25x1.6 mm thick with precut hole on both 25 mm flange to pierce into 12x50 mm or even bigger size dash fastener if require, fixed with				
15	26.22.2	With 15 mm thick tegular/butt edged without perforation plain/designer light weight calcium silicate Anti-Microbial Bio-Safe coated false ceiling tiles Confirming to JIS-Z2801 and ASTM G-21	80.00	Sqm		
16	1.1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sqmm FRLS PVC insulated copper conductor single core cable in surface/recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5mm sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.				
	1.10.3	Group C	5.00	nos.		
17	1.14.2	wiring for circuit/submain wiring alongwith earth wire with the following size of FRLS PVC insulated copper conductor, single core cable in surface/recessed medium class PVC conduit as required				
	1.14.2	2x2.5+1x2.5sqmm earth wire	40.00	mtr		
18	NS	Supply,Installation, Testing and Commissioning of following surface/recessed type fluorescent tube lighting fixtures complete with lamps, control gear and low cost CW ballasts,ceiling fan and bracket fans (make :phillips,wipro,Syska,havells or equivalent				

		4'-0" LED surface light	8.00	nos.		
19	26.30	Drilling suitable holes in reinforced or plain cement concrete with power driven drill machine to a minimum depth of 100mm upto 200mm in RCC beams, lintels, columns and slabs to introduce steel bars for sunshades/balconies including fixing the steel bars in position using epoxy resin anchor grout of approved make but excluding the cost of reinforcement, all complete as per direction of Engineer-In-Charge.				
	26.30.1	Upto and including 12mm dia.	400.00	No.		
20	26.31	Providing, mixing and applying bonding coat of approved adhesive on chipped portion of RCC as per specifications and direction of Engineer-In-charge complete in all respect.				
	26.31.2	Epoxy bonding adhesive having coverage 2.20 sqm/kg of approved make.	50.00	Sqm		
21	14.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-charge.				
	14.1.1	With cement mortar 1:4 (1 cement : 4 fine sand).	75.00	Sqm		
22	14.12	Providing and fixing 16 mm M.S. Fan clamps of standard shape and size in existing R.C.C. slab including cutting chase, anchoring clamp to reinforcement bar, including cleaning, refilling, making good the chase with matching concrete, plastering and painting the exposed portion of the clamps complete.	4.00	No.		
23	15.29	Dismantling stone slab roofing over wooden karries or R.C.C. battens (dismantling karries and battens to be paid for separately), including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	12.00	Cum		
					GRAND TOTAL	

Notes :	All the rates are inclusive of GST
	Earnest money Rs. 40,000/-
	All the rates are as per DSR 2023 & DSR 2022 (Electrical) wherever DSR code number is mentioned. The school may negotiate on the above-mentioned rates from the contractors as this is a cost estimate.
	Few items have been foreseen in shifting of services and few extra items will need to incorporated as per site conditions.