

SCHEDULE OF QUANTITY

N/W Renovation of Prekshagrih, Shilphaat, Kalavithika and Kala Bhawan of North Central Zone Cultural Centre at Allahabad. (SH:- Renovation of Kalavithika and General Toilet including Electrical works at NCZCC Campus Prayagraj.)

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
1	CEMENT CONCRETE (CAST IN SITU)					4
1.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :					4.1
1.1.1	1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources)	15.00	cum	7878.50	1,18,178.00	4.1.3
1.1.2	1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	15.00	cum	6518.60	97,779.00	4.1.10
2	REINFORCED CEMENT CONCRETE					5
2.1	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15 degree 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 size derived from natural sources).	1.00	cum	11505.50	11,506.00	5.3
2.2	Centering and shuttering including strutting, propping etc. and removal of form for					5.9
2.2.1	Suspended floors, roofs, landings, balconies and access platform	7.00	sqm	927.25	6,491.00	5.9.3
2.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.					5.22
2.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	159.00	kg	107.85	17,148.00	5.22.6
3	CLADDING WORK					8
3.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.					8.2
3.1.1	Granite stone slab of colour black, Cherry/Ruby red					8.2.2
3.1.1.1	Area of slab upto 0.50 sqnn	2.00	sqm	5413.50	10,827.00	8.2.2.1
3.1.1.2	Area of slab over 0.50 sqm	12.00	sqm	5136.30	61,636.00	8.2.2.2
3.2	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3(1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	250.00	sqm	1267.95	3,16,988.00	8.31
4	WOOD AND P. V. C. WORK					9
4.1	Providing and fixing IS: 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete :					9.71
4.1.1	125x64x2.50 mm	48.00	each	129.85	6,233.00	9.71.1
4.2	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS: 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :					9.96

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
4.2.1	250x16 mm	72.00	each	260.60	18,763.00	9.96.2
4.3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					9.97
4.3.1	250x10 mm	72.00	each	115.15	8,291.00	9.97.2
4.3.2	150x10 mm	72.00	each	82.55	5,944.00	9.97.4
4.4	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :					9.1
4.4.1	125 mm	72.00	each	66.25	4,770.00	9.100.1
5	STEEL WORK					10
5.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete.					10.16
5.1.1	Hot finished welded type tubes	160.00	kg	194.40	31,104.00	10.16.1
6	FLOORING					11
6.1	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick Cement Mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including pointing the joints with white cement and matching pigments etc. complete.	130.00	sqm	1439.40	1,87,122.00	11.4
6.2	Providing and laying Vitrified tiles in floor in diferent sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.					11.41A
6.2.1	Double charge vitrified tile polished finish of size					11.41A.1
6.2.1.1	Size of Tile 600 x 600 mm	340.00	sqm	1453.65	4,94,241.00	11.41A.1.1
6.3	Providing and laying Vitrified tiles in diferent sizes (thickness to be specified by the manufacturer), with water absorption less than 0.08% and conforming to IS: 15622, of approved brand & manufacturer, in all colours and shade, in skirting, riser of steps, laid with cement based high polymer modified quick set tile adhesive (water based) conforming to IS: 15477, in average 6 mm thickness, including grouting of joints (Payment for grouting of joints to be made separately).					11.47
6.3.1	Size of Tile 600x600 mm	24.00	sqm	1893.90	45,454.00	11.47.2
7	ROOFING					12

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
7.1	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	40.00	sqm	738.65	29,546.00	12.5
8	FINISHING					13
8.1	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:					13.47
8.1.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	1000.00	sqm	171.10	1,71,100.00	13.47.1
8.2	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					13.61
8.2.1	Two or more coats on new work	170.00	sqm	155.90	26,503.00	13.61.1
8.3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	1330.00	sqm	156.05	2,07,547.00	13.8
8.4	Wall painting with acrylic emulsion paint, 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.					13.82
8.4.1	Two coats	1330.00	sqm	137.45	1,82,809.00	13.82.2
8.5	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.					13.85
8.5.1	With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	1330.00	sqm	73.95	98,354.00	13.85.3
8.6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	1330.00	sqm	25.15	33,450.00	13.91
9	REPAIRS TO BUILDING					14
9.1	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
9.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	110.00	sqm	547.40	60,214.00	14.1.1
9.2	Dismantling W.C. Pan of all sizes including disposal of dismantled materials including malba all complete as per directions of Engineer-in-Charge.	12.00	each	134.10	1,609.00	14.82
9.3	Dismantling 15 to 40 mm dia G.I. pipe including stacking of dismantled pipes (within 50 metres lead) as per direction of Engineer-in-Charge. (a) Internal Work- Exposed on wall	430.00	metre	3.25	1,398.00	14.84
10	Dismantling and Demolishing					15
10.1	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :					15.13
10.1.1	Of area 3 sq. metres and below	33.00	each	143.50	4,736.00	15.13.1
10.2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.					15.23

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
10.2.1	For thickness of tiles 10 mm to 25 mm	780.00	sqm	73.40	57,252.00	15.23.1
10.3	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:					15.28
10.3.1	Asbestos Cement sheet	40.00	sqm	77.30	3,092.00	15.28.2
10.4	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, beyond 50 m initial lead, for all leads including all lifts involved.	40.00	cum	263.95	10,558.00	15.6
11	SANITARY INSTALLATIONS					17
11.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:					17.1
11.1.1	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	10.00	each	6767.40	67,674.00	17.1.1
11.2	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required :					17.2
11.2.1	W.C. pan with ISI marked white solid plastic seat and lid	8.00	each	6515.55	52,124.00	17.2.1
11.3	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :					17.4
11.3.1	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	3.00	each	6258.75	18,776.00	17.4.1
11.4	Providing and fixing soil, waste and vent pipes :					17.35
11.4.1	100 mm dia					17.35.1
11.4.1.1	Centrifugally cast (spun) iron socket & spigot (S&S) pipe as per IS: 3989	174.00	metre	1180.75	2,05,451.00	17.35.1.2
11.5	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :					17.6
11.5.1	100 mm inlet and 100 mm outlet					17.60.1
11.5.1.1	Sand cast iron S&S as per IS: 3989	30.00	each	1996.50	59,895.00	17.60.1.1
11.6	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.					17.73
11.6.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	8.00	each	708.95	5,672.00	17.73.2
11.7	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	8.00	each	713.20	5,706.00	17.74
12	WATER SUPPLY					18
12.1	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc. Internal work - Exposed on wall					18.1
12.1.1	25 mm dia nominal bore	205.00	metre	551.70	1,13,099.00	18.10.3

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
12.2	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, including making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :					18.11
12.2.1	15 mm dia nominal bore	205.00	metre	580.45	1,18,992.00	18.11.1
12.2.2	20 mm dia nominal bore	40.00	metre	635.20	25,408.00	18.11.2
12.3	Providing and fixing rectangular high density polyethylene water storage loft tank with cover, conforming to ISI : 12701, colour of opaque white or as approved by Engineer-in-charge. The rate includes making necessary holes for inlet, outlet & over flow pipes. The base support Including fittings & fixtures for tank shall be paid separately.	8000.00	per litre	11.00	88,000.00	18.48A
12.4	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					18.49
12.4.1	15 mm nominal bore	18.00	each	506.80	9,122.00	18.49.1
12.5	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.					18.51
12.5.1	15 mm nominal bore	14.00	each	798.95	11,185.00	18.51.1
12.6	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931					18.53
12.6.1	15 mm nominal bore	60.00	each	574.30	34,458.00	18.53.1
13	WATER PROOFING					22
13.1	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	116.00	sqm	617.05	71,578.00	22.5
13.2	Providing and applying fibre reinforced elastomeric liquid water proofing membrane with resilient acrylic polymers having Sun Reflectivity Index (SRI) of 105 on top of concrete roof in three coats @10.76 litre/ 10 sqm. One coat of self-priming of elastomeric waterproofing liquid (dilution with water in the ratio of 3:1) and two coats of undiluted elastomeric waterproofing liquid (dry film thickness of complete application/system not less than 500 microns). The operation shall be carried out after scrapping and properly cleaning the surface to remove loose particles with wire brushes, complete in all respect as per the direction of Engineer- in-Charge	193.00	sqm	563.10	1,08,678.00	22.22A
14	NEW TECHNOLOGIES AND MATERIALS					26

SLNo	Description	Qty	Unit	Rate	Amount	DSR No.
14.1	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesive on both faces of shutter and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)					26.88
14.1.1	30 mm thick	47.00	sqm	4764.20	2,23,917.00	26.88.1
14.1.2	35 mm thick	8.00	sqm	5432.85	43,463.00	26.88.2
	Total				35,93,841.00	
	Modified Estimated Cost after using correction factor on DSR 2023 on account of GST @ 0.973 * 3673055 = 3573883				34,96,807.00	
	Add Cost Index as per letter issued by vide letter no. 23(197)/ADG(L)/3164 dated 18.12.2025 @3% on SR&DR Total 35,73,883.00				1,04,904.00	
	Total				36,01,711.00	
15	N.S. Items					50
15.1	Providing and fixing ABS body Hand shower Health Faucet with 1.00 metre long flexible tube in chrome finish with wall hook Make Jaquar Cat No. ALD-565 or equivalent including cutting and making good the walls wherever required complete as per directed by Engineer-in-Charge (Contractor Shall Provide 10 year Warrantee certificate and Manufacturer's Test Certificate).	5.00	Nos.	1036.05	5,180.00	50.922
15.2	Providing and fixing oval shape under counter wash basin with 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :White Vitreous China Wash basin size 510 x 405 x 185 mm with a single 15 mm C.P. brass pillar tap of approved make.	18.00	each	3275.83	58,965.00	50.923
	Total				36,65,856.00	