

Schedule of Quantity (Civil)

Name of Work:- Renovation of Prekshagrih, Shilphaat, Kalavithika and Kala Bhawan of North Central Zone Cultural Centre at Allahabad. (SH: Renovation of Auditorium Hall comprising of Wall Panelling, False Ceiling, Stage Flooring etc. including Electrical Works comprising of Internal EL, Sub-station, DG set, Audio-Video System, Stage Lighting, VRF Air Conditioning Fire Fighting etc.

SLNo	Description	Qty	Unit	Rate i/c C.I. & GST	Amount	DSR No.
1	EARTH WORK				-	
1	Supplying chemical emulsion in sealed containers including delivery as specified.					2.34
1.1	Chlorpyriphos emulsifiable concentrate of 20%	30.00	Litre	228.57	6,857	2.34.1
1.2	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion) :					2.35
1.2.1	Treatment of existing masonry using chemical emulsion @ one litre per hole at 300 mm interval including drilling holes at 45 degree and plugging them with cement mortar 1:2 (1 cement : 2 coarse sand) to the full depth of the hole :					2.35.4
1.2.1.1	With Chlorpyriphos E.C. 20% with 1% concentration	130.00	metre	40.67	5,287	2.35.4.1
1.3	Treatment at points of contact of wood work by chemical emulsion Chlorpyriphos (in oil or kerosene based solution) @ 0.5 litres per hole by drilling 6 mm dia holes at downward angle of 45 degree at 150 mm centre to centre and sealing the same.	25.00	metre	293.02	7,326	2.35.5
2	REINFORCED CEMENT CONCRETE				-	
2.1	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				-	5.1
2.1.1	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)	16.00	cum	9040.01	1,44,640	5.1.3
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	872.13	6,105	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.	1,600.00	kg	102.00	1,63,200	5.22.6
3	MASONRY WORK					
3.1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:					6
3.1.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	6.00	cum	7575.30	45,452	6.1.2
3.2	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :					6.4
3.3.1	Cement mortar 1:6 (1 cement : 6 coarse sand)	2.00	cum	9429.91	18,860	6.4.2
4	CLADDING WORK				-	8
4.1	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 to edges to give high gloss finish etc. complete at all levels.				-	8.2.
4.1.1	Granite stone slab colour black, Cherry/Ruby red					8.2.2
4.1.1.1	Area of slab over 0.50 sqm	11.00	sqm	5034.86	55,383	8.2.2.2
4.2	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	20.00	metre	541.05	10,821	8.4
4.3	Providing and fixing specified wood frame work consisting of battens 50x25mm fixed with rawl plug and drilling necessary holes for rawl plug etc. including priming coat complete.				-	8.27
4.3.1	Kiln seasoned and chemically treated hollock wood	0.50	cum	186376.38	93,188	8.27.1

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4.4	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.	90.00	sqm	1209.92	1,08,893	8.31
5	WOOD AND P.V.C. WORK				-	9
5.1	Providing and fixing panic bar / latch (Double point) fitted with a single body, Trim Latch & Lock on back side of the Panic Latch of reputed brand and manufacture to be approved by the Engineer- in- charge, allcomplete.	8.00	each	8130.11	65,041	9.139
5.2	Providing and fixing plain lining with necessary screws/nuts & bolts/nails, including a coat of approved primer on one face, and fixed on wooden /steel frame work, complete as per direction of Engineer-incharge (Frame work shall be paid for separately).				-	9.140
5.2.1	12mm thick commercial ply conforming to IS : 1328 BWR type	220.00	sqm	1233.98	2,71,476	9.140.1
6	STEEL WORK				-	10
6.1	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	3,600.00	kg	127.37	4,58,532	10.2
6.2	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
6.2.1	Hot finished welded type tubes	8,000.00	kg	176.23	14,09,840	10.16.1
6.3	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.					10.25
6.3.1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete.	2,000.00	kg	116.33	2,32,660	10.25.1
6.4	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners , stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.).	300.00	kg	696.58	2,08,974	10.28
7	FLOORING				-	11
7.1	38 mm thick wood block flooring of first class teak wood laid over 25 mm thick leveling layer of cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 10 mm nominal size) to be paid separately, coated with a thin layer of hot bitumen penetration 80/25 (blown type) @ 2.45 kg per sqm, including fixing blocks in position after dipping in hot bitumen (blown type) up to half depth, planed, levelled smooth and finished complete.	140.00	sqm	11995.55	16,79,377	11.34
7.2	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer) of 1st quality conforming to IS : 15622 of approved make in colours such as 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 pigment etc., complete.	90.00	sqm	1064.46	95,801	11.37

SLNo	Description	Qty	Unit	Rate i/c C.I. & GST	Amount	DSR No.
7.3	Providing and laying Vitrified tiles in floor in different 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
7.3.1	Glazed Vitrified tiles Matt/Antiskid finish of size.				-	11.41A.3
7.3.1.1	Size of Tile 600 x 600 mm	400.00	sqm	1491.62	5,96,648	11.41A.3.1
7.4	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.					
7.4.1	Polished Granite stone slab colour of Black, Cherry/Ruby Red or equivalent	110.00	sqm	4447.16	4,89,188	11.56.1
8	ROOFING				-	12
8.1	Providing and fixing false ceiling at all height including providing and fixing of frame work made of special sections, power pressed from M.S. sheets and galvanized with zinc coating of 120 gms/sqm (both side inclusive) as per IS : 277 and consisting of angle cleats of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm centre to centre, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50mm long with 6mm dia bolts, other flange of cleat fixed to the angle hangers of 25x10x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I. channels 45x15x0.9 mm running at the spacing of 1200 mm centre to centre, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5 mm, at 450 mm centre to centre, shall be fixed in a direction perpendicular to G.I. intermediate channel with connecting clips made out of 2.64 mm dia x 230 mm long G.I. wire at every junction, including fixing perimeter channels 0.5 mm thick 27 mm high having flanges of 20 mm and 30 mm long, the perimeter of ceiling fixed to wall/partition with the help of rawl plugs at 450 mm centre, with 25mm long dry wall screws @ 230 mm interval, including fixing of gypsum board to ceiling section and perimeter channel with the help of dry wall screws of size 3.5 x 25 mm at 230 mm c/c, including jointing and finishing to a flush finish of tapered and square edges of the board with recommended jointing compound , jointing tapes , finishing with jointing compound in 3 layers covering upto 150 mm on both sides of joint and two coats of primer suitable for board, all as per manufacturer's specification and also including the cost of making openings for light fittings, grills, diffusers, cutouts made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in Charge but excluding the cost of painting with :					12.45
8.1.1	12.5 mm thick tapered edge gypsum moisture resistant board	500.00	sqm	1687.43	8,43,715	12.45.4
8.2	Providing and fixing pre-coated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, 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 using self drilling/ self tapping screws complete :				-	12.51
8.2.1	Ridges plain (500 - 600mm)	40.00	metre	512.66	20,506	12.51.1
9	FINISHING				-	13
9.1	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement.				-	13.9
9.1.1	12 mm cement plaster	400.00	sqm	439.79	1,75,916	13.9.1
9.2	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	150.00	sqm	243.82	36,573	13.26

SLNo	Description	Qty	Unit	Rate i/c C.I. & GST	Amount	DSR No.
9.3	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade:				-	13.47
9.3.1	New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	550.00	sqm	184.71	1,01,591	13.47.1
9.4	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications :				-	13.48
9.4.1	Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr /10 sqm	400.00	sqm	180.84	72,336	13.48.1
9.5	Applying priming coat:				-	13.50
9.5.1	With ready mixed red oxide zinc chromate primer of approved brand and manufacture on steel galvanised iron/steel works	880.00	sqm	63.14	55,563	13.50.3
9.6	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				-	13.61
9.6.1	Two or more coats on new work	880.00	sqm	149.55	1,31,604	13.61.1
9.7	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.	680.00	sqm	140.91	95,819	13.80
9.8	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.	560.00	sqm	23.72	13,283	13.91
9.9	Polishing in high gloss/matt finish melamine clear polish on wood work in required color/wooden shade texture with following process in the sequence as detailed below: 1. The surface to be polished is rubbed with sand paper 80/ 120 no. and then with sand paper of 160/180 nos. 2. Applying two coats of sealer with spray gun and allowing sufficient drying time for 1st coat and 2nd coat is allowed to dry for 8 to 12 hrs. 3. On drying of sealer coat, wet rubbing with emery cloth of finer grading with ample water to remove excess sealer layer and make the surface further smooth after this wet rubbing, then surface is applied with special grade melamine fillers to fill all the small and big holes/grooves etc. Filler coat to be allowed to dry for 4 to 6 hrs on which again a light wet rubbing is done this surface is further allowed to dry for 12 hrs. 4. On this, 1st coat of melamine polish is applied with spray gun using melamine clear polish and melamine thinner in required proportion. This 1st coat is allowed to dry for 24 hrs then this dry surface is again fine wet rubbed smooth, which is further allowed to dry for 12 hrs. The final melamine polish is applied with compressor pressure spray gun using melamine clear polish and melamine thinner mixed in required proportion complete as per direction of Engineer-in-Charge. (Final coat to be done in 1 or 2 layers without gap of time.)	140.00	sqm	1315.84	1,84,218	13.116
10	REPAIRS TO BUILDINGS				-	14
10.1	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 directions of Engineer-In-Charge.				-	14.1
10.1.1	With cement mortar 1:4 (1 cement : 4 fine sand)	50.00	sqm	525.97	26,299	14.1.1
11	DISMANTLING & DEMOLISHING				-	15
11.1	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				-	15.23
11.1.1	For thickness of tiles 10 mm to 25 mm	580.00	sqm	68.83	39,921	15.23.1
11.2	Dismantling cement asbestos or other hard board ceiling or partition walls including stacking of serviceable materials and disposal of unserviceable materials within 50 metres lead.	880.00	sqm	52.90	46,552	15.41
12	SANITARY INSTALLATIONS				-	17
12.1	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :				-	17.32
12.1.1	Rectangular shape 1500x450 mm	12.00	each	2067.48	24,810	17.32.4

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12.2	Providing and fixing floor mounted, white vitreous china single piece, double traps syphonic water closet of approved brand/make, shape, size and pattern including integrated white vitreous china cistern of capacity 10 litres with dual flushing system, including all fittings and fixtures with seat cover, cistern fittings, nuts, bolts and gasket etc including making connection with the existing P/S trap, complete in all respect as per directions of Engineer-in-Charge.	2.00	each	18317.92	36,636	17.81
13	WATER SUPPLY				-	18
13.1	Providing and fixing G.I. Pipes complete with G.I. fittings and clamps, i/c making good the walls etc. concealed pipe, including painting with anti corrosive bitumastic paint, cutting chases and making good the wall :				-	18.11
13.1.1	15 mm dia nominal bore	40.00	metre	552.03	22,081	18.11.1
13.2	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 i/c fittings & fixtures for tank shall be paid separately.	12,000.00	per litre	11.04	1,32,480	18.48A
14	WPC Work				-	18
14.1	Providing an fixing factory made single extruded WPC (Wood Polymer Composite) solid wood/ window/ clerestory window frames/ chowkhat comprising of virgin PVC polymer of K value 58- 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/ wheat husk) and nontoxic additives (maximum toxicity index of 12 for 100gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750kg/cum, screw withdrawal strength of 2200N (face) & 1100N (edge), minimum compressive strength of 58N/mm2 and modulus of elasticity 900N/mm2 and resistance of spread of flame of class A category with property of being termite/ borer proof, water /moisture proof and fire retardant and fixed in position with M.S. hold fast/ lugs/ SS dash fasteners of required dia and length complete as per direction of Engineer in Charge, (M.S. hold fast/lugs or SS dash fasteners shall be paid for separately) Note: For WPC (Wood Polymer Composite) solid wood/ window frames minus 5mm tolerance to dimensions i.e. depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.				-	26.86
14.1.1	Frame size 45x 70mm	50.00	metre	719.33	35,967	26.86.1
14.2	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/ mm2, modulus of elasticity 850 N/mm2 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
14.2.1	30 mm thick	25.00	sqm	4923.76	1,23,094	26.88.10

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15	N.S. Item					
15.1	Supply, Transportation & Erection of prefabricated sandwiched Rockwool Panel total 80 mm thick on Roof complete:- Supply & Erection of Rockwool Panel on the roof consisting of top-layer of 0.65mm thick PPGI color coated steel sheets as external surface-Trapezoidal profile PPGI color coated (profile) & bottom layer of 0.5mm thick - internal surface (inner tray) plain PPGI color coated steel sandwiched in-between with 80mm thick and 100(+15) kg/m3 density 'insulation material, pre-fabricated as one unit in factory in required length and fixed with the help of self-tapping self-drilling screws complete as per the direction of Engineer-in-charge. (Finished area shall be measured for payment purpose, item i/c all type of material required for fixing including labour, nothing extra shall be paid in this account.)	930.00	sqm	3750.00	34,87,500	MR
15.2	Entry/exit doors for the auditorium acoustic doors consisting of fire resistant materials & peripheral seals all around . The door to be laminated with 1mm laminate. The Door shutter frames to be of klin dried chemically treated Mirandi wood. The door shutter frame to be lapped with 12mm com ply duly treated for fire retardance. Note: contractor to submit shop drawing as per site & manufacturer choosen for approval of consultant before fixing.(Finished area shall be measured for payment purpose, item i/c all type of material required for fixing including labour, nothing extra shall be paid in this account.)	20.00	sqm	21532.14	4,30,643	MR
15.3	Providing & Fixing Factory made fire rated door frame made of steam beech wood of size 110x 90mm complete as per the direction of Engineer-in-charge.	25.00	mtr	1801.45	45,036	MR
15.4	Providing and fixing Hinges (Steel Grade-304 with bal bearings) of size 125 X 30 mm fixed with steel drive all screws of 35mm. (Min 5 hinges on each panel) complete as per the direction of Engineer-in-charge.	25.00	each	413.94	10,349	MR
15.5	Providing and fixing 300 mm brushed steel finish Grade SS-304 D shaped handles as approved by Engineer -in- charge.	8.00	pairs	2133.96	17,072	MR
15.6	Providing and fixing 15mm Fiber glass acoustical false ceiling tiles at all heights of size 595X595mm (+- 5mm) of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 95%, NRC 0.85-0.95 Light Reflectance >88%, colour Pebble white/Black , Fire Performance as per (BS 476 pt - 6 & 7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @ 120 gsm) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised@80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size 24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws, suitable J Hook/clip/round hook or suitable arrangement to hange with existing truss. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge.	300.00	sqm	2800.00	8,40,000	MR

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15.7	Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm (+-5mm) of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 95%, Light Reflectance 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 & 7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm) on silhouette profile , comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanized@80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod up to 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size 24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre & 40 mm long dry wall S.S. screws, suitable J Hook/clip/round hook or suitable arrangement to hange with existing truss. The exposed bottom portion of all T-sections used in false ceiling support system shall be pre-painted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge.					
15.7.1	With 16 mm thick mineral fibre false ceiling tile (NRC 0.8 or above)	480.00	sqm	2350.00	11,28,000	MR
15.8	Providing and Fixing Suspended Metal Wall Claddings Hook-on system with Rectangular panels made out of 1.0mm thick GI in width ranging from 275mm to 1000mm, length ranging from 600mm to 2500mm. Panel shall have perforation having hole diameter 2.5mm and open area 16%. The rectangular Hook-On panels to be made of Galvanized Iron (GI), minimum thickness 1.0 mm, 120gsm hot dipped galvanization (both sides), and recycled content of 25%. The panel Length varies between 600mm to 2500mm, panel Width 275mm to 1000mm, with Square Edge having 5mmx8mm black foam gasket, on one long and one short side or without gasket, with or without 5mm spacer. The panel surface to be powder coated in approved colour shade (post coat) to 60-80µ on visible side after mechanical production, low gloss (degree of gloss approx. 20%). Scrubbable, architectural-quality, electrostatically applied polyester powder coat paint applied to entire panel after forming (post coat). Panel coated on both sides for semi-exterior application. The color such as wooden texture finish etc as approved by Engineer-in-charge. The panels shall have perforation having hole diameter 2.5mm and open area 16%. The panels to be progressively Fully Accessible, with system depth of minimum 60mm (+10mm / -15mm). The paneling shall be fixed on the frame work consisting of GI- Primary Runner C- wall profile of 70mm (H) x 2400 mm (L) x 21.6mm (W) x 1.25mm (T), machine formed slotted profile. Accessories would include connector for C-Wall profile (GI), supporting bracket (Rubber), Wall anchor for C-Wall Profile (GI). Wall Molding would include 25mmx50mm GI L-Wall angle, post-coated approved color/shades. Fram work accessories shall also include self-drilling (Self tapping) screws (GI or SS), plastic dowel UX-10, wooden furring strips (if required), anchor fasteners. The Fire performance to be Material class A-1 according to EN 13501-1 for the metal ceiling panel made of Galvanized Iron, with a powder coating on one side (visible side) with inlays, with gasket but with / without spacers. etc. complete as per the direction of Engineer-in-charge. (Finished area shall be measured for payment purpose, item i/c all type of material required for fixing including labour, nothing extra shall be paid in this account.)	110.00	sqm	12000.00	13,20,000	MR

SLNo	Description	Qty	Unit	Rate i/c C.I. & GST	Amount	DSR No.
15.9	Providing and Fixing of Acoustical Wall Panel with square edges made of fibre glass substrate 25mm thick, wrapped on the front side with an acoustically transparent fabric as per the approved shade. The panel shall be classified for Fire Class A, as per ASTM E-84. The Acoustical Wall Panel shall be of sizes 600x600mm (Nominal) or 600x1200mm (Nominal) and shall achieve an NRC of 0.85 (Average value of Absorption Coefficient readings taken at 250 Hz, 500 Hz, 1000 Hz and 2000 Hz) with 50mm airgap as per ASTM C423 to be fixed to wall on a framework of 8mm cement board which should be installed on G.I. perimeter channel of 0.40 mm thick having one flange 30 mm and another flange of 20 mm and web of 25 mm and using Wall panel Impalers (supplied by the manufacturer) (as per the instructions laid down by the manufacturer). The wall panel shall be backed by a Manufacturing Test Certificate. The fibre glass substrate shall have a recycle content of 85%. INSTALLATION: The impalers shall be installed on 8mm cement board which shall be installed on GI studs/ channel 0.4mm thick and of suitable size fixed at 600mm c/c vertically so as to give 50 mm clear gap from wall. An appropriate vapour barrier shall be applied/installed on the vertical surface before the installation to properly seal against entry of any moisture. (Finished area shall be measured for payment purpose, item i/c all type of material required for fixing including labour, nothing extra shall be paid in this account.)	350.00	sqm	8200.00	28,70,000	MR
15.10	Designing of Cat Walk over the existing truss including Strengthening of Existing Trusses if required by engaging certified Structural Designer. The Cat Walk shall be designed with Tubular Steel sections. Design shall be proof checked by Institute of national Reputes like IITs & NITs, all complete as per direction of Engineer-in-charge.	1.00	job	266000.00	2,66,000	MR
15.11	Providing and fixing stainless steel (304 grade) Handle of approve make fixed with star headed stainless steel screws, nuts, bolts complete as per direction of Engineer-in-charge.					
15.11.1	150x2 mm	16	each	151.05	2,417	MR
15.12	Providing and fixing stainless steel (304 grade) Tower bolt of approve make fixed with star headed stainless steel screws, nuts, bolts complete as per direction of Engineer-in-charge.					
15.12.1	250x10 mm	12	each	258.85	3,106	MR
15.13	Providing and fixing white vitreous china Under counter / counter top Oval shape Wash basin of size 605x430x200 mm of make Jaquar cat no. CNS-WHT-705 or equivalent with 32mm dia CP brass waste coupling of same Make, complete including cutting and making good the walls where required complete as directed by Engineer-in-Charge.	2.00	each	4259.60	8,519	MR
15.14	Providing and fixing toilet paper holder make of Jaquar AHS - 1553 or equivalent complete as per direction of Engineer-in-charge	2.00	each	1934.78	3,870	MR
15.15	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 directed by Engineer-in-Charge	2.00	each	1451.09	2,902	MR
15.16	Providing and fixing 15mm C.P. brass quarter turn bib cock of Jaquar cat no. ARI-39037 or equivalent With wall flange Complete as per direction of Engineer-in-charge	4.00	each	2190.85	8,763	MR
15.17	Providing and fixing 15mm C.P. brass angular stop cock with wall flange make of Jaquar cat no FON-40053 or equivalent With wall flange etc complete for mixer and geyser points as directed by Engineer-in-charge	12.00	each	1337.28	16,047	MR
15.18	Providing and fixing 15mm C.P. brass quarter turn Pillar cock Make of Jaquar Cat No. ARI-39011 or equivalent including cutting and making good the walls wherever required complete as directed by Engineer-in-Charge	2.00	each	2674.55	5,349	MR
15.19	Providing and fixing C.P. brass towel ring of jaquar (Cat No. AQN-7721) or equivalent as per direction of Engineer-in-charge.	2.00	each	1796.75	3,594	MR

SLNo	Description	Qty	Unit	Rate i/c C.I. & GST	Amount	DSR No.
15.20	Providing and laying of printed saxony carpet, having 100% Type 6' Nylon/Polyamide Crealon or equivalent and total 8mm thickness. The carpet should have a primary backing of woven pp and secondary backing of weaveback to ensure high performance and comfort. It should have a minimum total weight of 1945 gsm and minimum pile weight 800 gsm , minimum number of tufts to be 185040/ m2 or more The carpet should also qualify to the following minimum European standards performance specifications - (a) Fastness to rubbing, dry (ISO 105 X-12), minimum rating should be 4-5; (b) Fatness to rubbing, wet (ISO 105 X-12), minimum rating should be 5; (c) Water fastness, (ISO 105 E-01), minimum rating should be 4-5; (d) Fastness to light (ISO 105 B-2), minimum rating should be 5; (e) Thermal Resistance (ISO 8302), minimum rating should be 0,072 m ² K/ W; (f) Impact sound insulation (ISO 140 - 8), minimum rating should be 25dB. The carpet should be Scotchguard ready for better stain resistance, and should have an approved fire rating of Class 1 under Bf1S1 and should be recommended for commercial usage under Class 23/32 classification." duly installed on smooth hard floor with support of 10 mm epe sheet & company recommended adhesive with metal edge profile	480.00	sqm	2650.00	12,72,000	MR
	Total				2,01,33,680	

Note:- The rates of the DSR itmes are inclusive of GST @ 18% (Multiplying factor of 1.0633) and cost index of 107 for Prayagraj.