NIT.NO.25/EEC/CCW/AIR/CHN/NIT/2026-27

Name of work: Internal Painting of Office block and
External Painting of Studio cum Office Building and other ancillary structure and
Modification of shift staff room to VIP room at Akashvani Kodaikanal

S.No	Description of items	Quantity		Rate	Unit	Amount
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 M-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.					
	a) Granite stone slab of colour black, Cherry/Ruby red					
	i) Area of slab upto 0.50 sqm	2.00	sqm		sqm	0.00
2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.					
	a) Fixed to openings /wooden frames with rawl plugs screws etc.	40.00	kg		kg	0.00
3	Providing and fixing bright finished brass handles with screws etc. complete:					
	a) 125 mm	2.00	nos		each	0.00

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S.No	**Description of items**	**Quantity**		**Rate**	**Unit**	**Amount**
4	Providing and fixing factory made uPVC glazed/wire mesh windows/doors comprising of lead free uPVC multi-chambered frame, sash and mullion/coupler (where ever required) extruded profiles having minimum wall thickness of 1.70 mm for Series R1 and R2 profiles and 2.10 mm for Series R3 and R4 profiles conforming to EN: 12608 in any shape, colour and design duly reinforced with galvanized mild steel section made of required shape & size as per CPWD Specification, uPVC extruded glazing beads, interlocks and Inline sash adaptor (where ever required) of appropriate dimension, EPDM gasket, hardware, SS 304 grade fasteners of minimum 8 mm dia with countersunk head, comprising of matching polyamide PA6 grade sleeve for fixing frame to finished wall as per IS 1367 : Part 1 to 14, plastic packers, plastic caps and necessary stainless steel screws etc. Profile of frame, sash & mullion (if required) shall be mitred cut and fusion welded/mechanically jointed duly sealed at all corners, including drilling of holes for fixing hardware and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of approved size and quality, all complete as per approved drawing conforming to CPWD specification & direction of Engineer-in-Charge. Section of steel reinforcement and cross sections of uPVC profiles to be as per design approved by Engineer-in-Charge. Wire mesh / Glazing of plain/ toughened/ laminated/ double glass unit with / without high performance coatings as per design requirements and conforming to IS: 3548 & IS: 16231 shall be paid separately. Note:- Structural design proof checked from a Government Engineering Institute, to be provided by the manufacturer for : (i) Sites with basic wind speed > 45 m/sec as per IS 875 – Part 3 (ii) Sites with structure height more than 20m for all wind speeds					
	a) Three track three panels sliding window with Aluminium channel for roller track, wool pile, nylon rollers with SS 304 body.					

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S.No	**Description of items**	**Quantity**		**Rate**	**Unit**	**Amount**
	i) Using R3 series with frame (98mm & above) x (40mm & above) & sash (30mm & above) x (55mm & above) with zinc alloy (zamak) powder coated handle on two end panels along with multi-point locking system (Height upto 1.8 metre).	2.25	sqm		sqm	0.00
5	Providing and fixing in wall lining medium density fibre board IS: 14587:1998 marked, Prelaminated one side decorative lamination and other side balancing lamination, with necessary fixing arrangement and screws etc. complete.					
	a) 12 mm thick.	42.00	sqm		sqm.	0.00
6	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.					
	a) Double charge vitrified tile polished finish of size					
	i) Size of Tile 600 x 600 mm	13.00	sqm		sqm	0.00

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7	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in **skirting**, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.					
	a) Size of Tile 600 x 600 mm	2.50	sqm		sqm	0.00
8	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.					
	a) Size of Tile 600x600 mm	13.00	sqm		sqm	0.00

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S.No	**Description of items**	**Quantity**		**Rate**	**Unit**	**Amount**
9	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 pecification 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 :					
	a) 12.5 mm thick tapered edge gypsum moisture resistant board	15.00	sqm		sqm	0.00

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S.No	**Description of items**	**Quantity**		**Rate**	**Unit**	**Amount**
10	Deduct for not using 12.5 mm thick tapered edge gypsum moisture resistant board in item no: 12.45.3	5.00	sqm		sqm	0.00
11	12 mm cement plaster of mix :					
	a) 1:4 (1 cement: 4 fine sand)	2.50	sqm		sqm	0.00
12	15 mm cement plaster on the rough side of single or half brick wall of mix					
	a) 1:6 (1 cement: 6 fine sand)	2.00	sqm		sqm	0.00
13	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :					
	a) Two or more coats on new work	123.00	sqm		sqm	0.00
14	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.					
	a) Two coats	2515.00	sqm		sqm	0.00
15	Applying one coat of Acrylic Exterior primer @ 0.90litre/sqm of approved brand and manufacture on wall surface :					
	a) Exterior primer	300.00	sqm		sqm	0.00

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16	Applying priming coats with primer of approved brand and manufacture, having low VOC (Volatile Organic Compound) content.					
	a) With water thinnable cement primer on wall surface having VOC content less than 50 grams/litre	70.00	sqm		sqm	0.00
17	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.	310.00	sqm		sqm	0.00
18	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
	a) One or more coats on old work	950.00	sqm		sqm	0.00
19	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade					
	a) Old work (Two or more coats applied @ 1.43 ltr/ 10 sqm) over existing cement paint surface	3000.00	sqm		sqm	0.00

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S.No	**Description of items**	**Quantity**		**Rate**	**Unit**	**Amount**
20	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.					
	a) With cement mortar 1:4 (1 cement : 4 fine sand)	17.00	sqm		sqm	0.00
21	Taking out existing wooden door shutter, repair by cutting, painting etc. and refixing of repaired door shutters to existing door frames, including replacement of hinges with screws, etc. as required, all complete as per the direction of the Engineer-in-charge.	1.00	no		each	0.00
22	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge.					
	a) Nominal concrete 1:3:6 or richer mix (including equivalent design mix)	0.50	cum		cum	0.00
23	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :					
	a) Of area 3 sq. metres and below	1.00	no		each	0.00

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24	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	40.00	kg		kg	0.00
25	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	9.00	sqm		sqm	0.00
26	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions, **uPVC** etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):					
	a) With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	2.25	sqm		sqm	0.00

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27	Providing, mixing and applying SBR polymer (of approved make) modified Cement mortar in proportion of 1:4 (1 cement: 4 graded coarse sand with polymer minimum 2% by wt. of cement used) as per specifications and directions of Engineer-in-charge. Note: Measurement and payment: The pre-measurement of thickness shall be done just after the surface preparation is completed and Payment under this item shall be made only after proper wet curing has been done and surface has been satisfactorily evaluated by sounding / tapping with a blunt metal instrument and/or the 75 mm size cube crushing strength at the end of 28 days to be not less than 30 N/Sqmm2).					
	a) 15 mm average thickness.	5.00	sqm		sqm	0.00
28	Supplying labour for attending works like fixing of grills, screwing wherevere required set righ the hinges, windows complete as per the direction of Engineer in charge.					
	a) Carpenter Ist class	3.00	nos		each	0.00
	b) Beldar	3.00	nos		each	0.00
29	Extra for Providing and Fixing uPVC architectural ceiling Panesl complete as per the direction of Engineer in charge. Cost of all frame work with screws shall be paid tin basic item no: 12.45.3. (Only uPVC ceiling panel area will be measured)	5.00	sqm		sqm	0.00

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S.No	Description of items	Quantity		Rate	Unit	Amount
30	Providing and fixing Stainless Steel pipe curtain rods with necessary screws and brackets :					
	a) 20 mm dia	1.80	metre		metres	0.00
31	Providing and Fixing synthetic glass board with golden sticker letters (VIP Room) including fixing in wall with necessary screws complete as per the direction of Engineer in charge.					
	a) Size 450x200mm	1.00	no		each	0.00
					Total	**0.00**