SCHEDULE OF FINISHES(PART-I)

GROUND FLOOR

SL. NO. (A)	INDICATION (B)	BRIEF SPECIFICATION (C)
		PCC Sub Base:- 75 mm thick PCC (M7.5 grade type D2) over 100 mm thick Hardcore over rammed / consolidated moorum or earth.
1	GF1	40mm thick PCC M 15 type B1 over PCC Sub base as above.
2	GF2	40 mm thick PCC M 15 (Type B1) topping over 100 mm thick PCC M 7.5 Sub base over 300 mm thick stone ballast mixed with Red soil or Soft Moorum over 200 mm thick soft moorum (Concrete topping laid monolithically with sub base concrete all as per IS : 2571).
3	GF3	Cement concrete tiles Size 300 x 300 x 20 mm laid over 20 mm thick screed in CM (1:6) over PCC sub base as above.
4	GF4	7mm thick non skid coloured ceramic tiles grade BII matt superior finish first quality (Min size - 300 x 300 mm for toilets/WCs/Bath/Kichen) set and jointed in neat cement slurry and pointed with colour cement to match over 20mm thick screed in CM 1:6 over 30 mm thick PCC M15 type B0 over PCC sub base as above
5	GF5	Same as GF4 but matt finish of size of 400 X 400 mm
6	GF6	All as per GF4 but matt finish of size 600 x 600 mm of thickness 8-10 mm.
7	GF7	(a) Polished Kota stone Flooring 20/25mm thick over 20mm thick screed in CM 1:6 over PCC sub base as above. (b) Polished Kota stone Flooring 20/25mm thick with white/green marble as borders/motifs over 20mm thick screed in CM 1:6 over PCC sub base as above.
8	GF8	(a) Same as GF7(a) but machine cut mirror polished kota stone. (b) Same as GF7(b) but machine cut mirror polished kota stone.
9	GF9	(a) 20 to 22 mm thick kota stone slab single piece to the full width of tread and riser. Tread kota stone shall be provided with bull nosing and 02 nos of 5 mm thick anti skid grooves at one side of tile over 10 mm thick screed in CM 1:3 over cement slurry over PCC Sub base as above or RCC slab / waist slab. (b) Same as **GF9(a)** but 18 to 20mm thick Granite stone.
10	GF10	Granolithic concrete M 20 grade (Design Mix) topping 50mm thick as per clause 13.34 on page 301 of SSR 2009 part I over 75mm thick PCC M 15 grade, type B1 over 200mm thick hard core over rammed earth/sand cushion.
11	GF11	50mm thick PCC M 15 type B1 over 100mm thick PCC M 7.5, type D2 over 100 mm thick hardcore over rammed earth/sand cushion. (To avoid cracks in flooring necessary expansion /construction joints shall be formed and filled with sealing compound as specified in SSR)
12	GF12	100mm thick PCC M 15 grade, type B1 over 100 mm thick PCC M 7.5 type D2 over 100 mm thick hardcore over rammed earth/sand cushion.(To avoid cracks in flooring necessary expansion /construction joints shall be formed and filled with sealing compound as specified in SSR)
13	GF13	30mm thick wear proof topping (Hardonate/Ironite/Stillonite) over 150mm thick PCC M-15/M-20 grade (Design mix), type I over 150mm thick consolidated hard core (WBM).(To avoid cracks in flooring necessary expansion /construction joints shall be formed and filled with sealing compound as specified in SSR)
14	GF14	Ist class hard wood wooden tiles/parquet tiles over 2nd class hard wood frame work as applicable over 50mm thick PCC M 15 grade, type B1 over PCC sub base all as specified. (All hidden faces of timber are to be given preservative treatment and well ventilate)
15	GF15	3 mm thick Rubber/PVC sheet or tile fixed with suitable synthetic adhesive over 40mm thick PCC M 15 grade, type B1 over PCC sub base as above.
16	GF16	EPU flooring system of total thickness 4 mm (4000 microns)/ 5mm (5000 microns) having primer coat (200 micron) using **"Cipoxy 14"**, screed layer (2800/3800 micorns) using **"Cipoxy 15"**, and EPU top coat (1000 microns) using "Cipy Cipothane SL1000" including necessary surface prep over 50 mm thick PCC M 15 grade, type BI over 75 mm PCC M 7.5 grade, Type D2 over 100 mm thick hardcore over rammed earth with vaccum dewatering process as specified in clause 13.49 of SSR Part-2009 (Specification).
17	GF17	Granolithic concrete topping over 100mm thick well consolidated hard core over rammed earth in ground floor.
18	GF18	(a) 18-20mm thick granite stone any shade/colour laid on 20mm thick screed on CM 1:6 over PCC sub base as above. (b) Same as **GF18(a)** but White Marble. (c) Same as **GF18(a)** but Udaipur green/ Baroda green Marble.
19	GF19	Acid resistant bricks 75mm thick/tiles 15 to 30mm thick vitreous ceramic unglazed set, jointed and pointed in chemical resistant mortar, resin type set in 10mm thick screed of CM 1:2 (Chemical resistant) over 40mm thick PCC M 15 over PCC sub base as above.
20	GF20	Stone set of size 200 to 250mm long, 150 to 200 mm wide & 150mm deep & sides dressed bedded in CM1:3, 20 mm thick, joints grouted in CM1:2 with an admixture of metallic floor hardener such as Ironite/hardonate, 5% by weight of cement & struck flush. Edge stone set to be of size 250 to 300 mm long, 150 to 200 mm wide & minimum depth to be 450mm.
21	GF21	150mm thick sand filling over 75 mm thick PCC M 15 type B1 over PCC sub base as above.
22	GF22	(a) Full body vitrified floor tiles any colour, shades, texture and designs as approved by GE, 10 mm thick (size - 600 x 600 mm), set and jointed in neat cement slurry and pointed with coloured cement to match over 20 mm thick screed in CM 1:6 over PCC sub base as above (b) Same as **GF22(a)** but Double charge Vitrified tiles (c) Same as **GF22(a)** but Glazed Vitrified tiles (GVT)
23	GF23	All as per GF22 above but with heavy duty exterior double charged vitrified tile, 10 -12 mm thick of size 200/300 mm x 200/300 mm.
24	GF24	All as per GF23 above but with Industrial use acid-resistant vitrified tile.
25	GF25	150mm thick PCC M15 grade, type BI including necessary Expansion/construction/ contraction joints as specified PCC 1:4:8 type D2 sub base 75mm thick over 150 mm thick hardcore over 200mm thick moorum filling duly compacted / consolidated.
26	GF26	Precast factory made PCC interlocking Paver block, **M35 grade, 60 mm thick** of shape & size as per IS : 15658 using grey cement and no pigment or white cement with pigment bedded with 25 mm thick sand cushion (laid uniformly to line and level) over 200 mm thick GSB over compacted subgrade.
27	GF27	All as per GF26 above but with **M-40 grade and 80 mm thick** and bedded with 25mm thick sand cushion over 75 mm thick WMM over 200 mm thick GSB over compacted subgrade.
28	GF28	25X12.5X0.9 cm thick grooved anti slip vitrified tiles of make johnson endura or equivalent over 15 mm screed bed in CM 1:6 over PCC sub base as above.
29	GF29	25X12.5X0.9 cm thick finger grip vitrified tiles of make johnson endura or equivalent over 15 mm screed bed in CM 1:6 over PCC sub base as above.
30	GF30	Coloured exterior grade Pooldeck tiles of size not less than 0.36 Sqmt 15mm thick, with border tiles pointed with coloured cement pigment set with neat cement slurry over 10 mm thick screed bed in CM 1:6 over PCC sub base as above or all as per manufacturers instructions.

UPPER FLOORS

INDICATION (D)	(E)
UF1	Average 40mm thick PCC M 15 type B1 over a coat of neat cement slurry @ 3Kg/sqm over RCC slab.
UF2	PCC chequared designer tiles Size 300 x 300 x 20 mm laid over 20 mm thick screed in CM (1:6) over RCC slab and after applying cement slurry.
UF3	7mm thick non skid coloured ceramic tiles grade BII matt superior finish first quality (Min size - 300 x 300 mm for toilets/WCs/Bath/Kichen) set and jointed in neat cement slurry and pointed with colour cement to match over 10mm thick screed in CM 1:4 over 23mm thick PCC M15 grade, type B1 padding concrete over RCC slab. **Note :- Sunken Flooring Treatment (SFT) is applicable in Kitchen, Bath, Toilets and wash basin areas, wherever applicable.**
UF4	Same as UF3 but matt finish of size of 400 X 400 mm **Note :- Sunken Flooring Treatment (SFT) is applicable in Kitchen, Bath, Toilets and wash basin areas , wherever applicable.**
UF5	All as per UF3 but matt finish of size 600 x 600 mm of thickness 8-10 mm.
UF6	(a) Polished Kota stone Flooring 20/25mm thick over 20mm thick screed in CM 1:6 over RCC slab as above. (b) Polished Kota stone Flooring 20/25mm thick with white/green marble as borders/motifs over 20mm thick screed in CM 1:6 over RCC slab as above.
UF7	(a) Same as **UF6(a)** but machine cut mirror polished kota stone. (b) Same as **UF6(b)** but machine cut mirror polished kota stone.
UF8	(a) 20 to 22 mm thick kota stone slab single piece to the full width of tread and riser. Tread kota stone shall be provided with bull nosing and 02 nos of 5 mm thick anti skid grooves at one side of tile over 10 mm thick screed in CM 1:3 over cement slurry over RCC slab / waist slab. (b) Same as **UF8(a)** but 18 to 20mm thick Granite stone.
UF9	2 to 3mm thick Rubber/PVC sheet or tile fixed with suitable synthetic adhesive over 40mm thick PCC M 15 grade, type B1 over RCC Slab.
UF10	Granolithic concrete topping 50mm thick over RCC floors
UF11	(a) 18-20mm thick marble/granite stone laid on 20mm thick screed on CM 1:6 over RCC slab. (b) Same as **UF11(a)** but White Marble. (c) Same as **UF11(a)** but Udaipur green/ Baroda green Marble.
UF12	Acid resistant bricks 75mm thick/tiles 15 to 30mm thick vitreous ceramic unglazed set, jointed and pointed in chemical resistant mortar, resin type set in 10mm thick screed of CM 1:2 (Chemical resistant) over RCC Slab.
UF13	(a) Full body vitrified floor tiles any colour, shades, texture and designs as approved by GE, 10 mm thick (size - 600 x 600 mm), set and jointed in neat cement slurry and pointed with coloured cement to match over 20 mm thick screed in CM 1:6 **(b) Same as UF13(a) but Double charge Vitrified tiles** **(c) Same as UF13(a) but Glazed Vitrified tiles (GVT)**
UF14	All as per **UF13** above but with heavy duty exterior double charged vitrified tile, 10 -12 mm thick of size 200/300 mm x 200/300 mm.
UF15	All as per **UF14** above but with Industrial use acid-resistant vitrified tile like Johnson - Endura, Somany - Durastone.

INTERNAL WALLS

INDICATION (F)	BRIEF SPECIFICATION (G)
IW1	Internal 10mm thick single coat Ready Mix plaster as per manufacturer instructions. Makes/ brand ACC's "ACCOPlast" / CK Birla's "Aerocen" / "Magic Plast" / "Speed Dry Mix's Eco Plaster" (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
IW2	(a) 10mm thick cement mortar 1:6 with Sagol finish on fly ash brick/PCC block masonry & concrete surfaces in continuation with the masonry work.(The internal plastering shall be done to obtain a smooth and even surfaces without bubbles, depressions & repair mark.Sagol finish is required to provide smooth surface as suitable fine sand for plastering is not available in AOR of the Zone.) (b) All as per IW2(a) but without Sagol finish. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
IW3	15mm thick cement mortar 1:6 for stone masonry excl dubbing coat. Mortar for dubbing coat and rendering shall be of same type and mix.(Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
IW4	In Ceiling 5mm thick Ready Mix plaster as per manufacturer instructions. Makes/ brand ACC's "ACCOPlast" / CK Birla's "Aerocen" / "Magic Plast" / "Speed Dry Mix's Eco Plaster" (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
IW5	5mm thick cement mortar 1:3 on exposed RCC surfaces such as sides of columns, sides & soffits of beams & slabs/ chajjas or any RCC members.(At the junction of RCC and fly ash brick/stone/PCC block masonry, chicken wire mesh shall be provided before plastering and no groove will be provided in plaster.) (A strip of chicken wire mesh 10mm aperature and 0.63mm dia & 150mm wide be fixed over the junction before the plastering to act as reinforcement for the plaster)
IW6	(Accoustic wall panelling 0-2.44M from FFL):- Supply & installation of salon slats with fleece at the rear having density of 800 Kg/m3 and weight of 12.8 Kg/m2 using CC18 system. CC18 channels mounted to the wall at a distance of 400mm horizontally from each other and the inserted Synth PF material in the exposed area. The salon slats that to be fixed vertically over the channel alongwith Synth PF sandwitched in between slats of size 128 X 2440 X 16mm thick interlocked by tounge and groove system provided on the edges. The slats are clipped to the channel by clipping system provided by manufacturer. Synth PF is adhered to the walls using stik7 adhesive.
IW7	(Accoustic wall panelling 2.44 to ceiling Ht) :- Supply & installation of Anutone soak cord of selected colours, kerfed edge, fabric wrapped pinewood fibre panels of size 600 X 2400 X 20mm thick having density of 400 Kg/m3,weight 8 Kg/m2 installed by using GI Strut system, 3600 mm knurled web 50, depth 50 mm equal flanges of 13 mm is fastened to wall positioned horizontally in a regular manner of 600 mm centres. Kerbed edged fabric wrapped panels shall be then iserted into H spline against walls to perfect fit. Panels shall be backlined with accoustical infill of Anutone Synth PF 10 x 50 mm thick. Adhered to the walls using stik7 adhesive.
IW8	Fire retardant fabric covered accoustic wall panelling, fabric factory glued over 50mm thick melamine open cell foam panel of (spec same as BASF- Basotect, Germany). panelling to be fixed over 48mm GI stud places @ 600 c/c vertically & horizontaly to form a grid of 600x600. the frame to be lapped with 8 mm comercialy ply before gluing fabric panel to it.

EXTERNAL WALLS

INDICATION (H)	BRIEF SPECIFICATION (I)
EW1	External 12mm thick single coat Ready Mix plaster as per manufacturer instructions. Makes/ brand ACC's "ACCOPlast" / CK Birla's "Aerocen" / "Magic Plast" / "Speed Dry Mix's Eco Plaster" (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW2	(a) 15 mm thick rendering in two layers, 5mm thick in CM 1:4 with WPC over a coat of 10mm thick in CM 1:4. (For normal stations.) (b)20 mm thick rendering in two layers with each layer 10 mm thick in CM 1:4 with WPC. (For coastal areas & heavy rainfall areas.) (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW3	(a) Exposed surfaces of RCC works to be rendered with 5mm thick plaster in CM 1:3 except roof slab which shall be plastered in CM 1:3 with WPC concrete is green and surface finished even & smooth without using extra cement. (b) Same as EW3(a) but Ready Mix plaster as per manufacturer instructions. Makes/ brand ACC's "ACCOPlast" / CK Birla's "Aerocen" / "Magic Plast" / "Speed Dry Mix's Eco Plaster" (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW4	15mm thick cement plaster sand faced/rough cast in 2 layers or pebble dash over 15mm cement plaster. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW5	Washed sand grit plaster 25mm thick with base coat 12.5mm thick in CM 1:6 and finishing coat 12.5mm thick in CM 1:1.5 with crushed marble chips of different colours of size - 6 to 10 mm. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW6	Flush/keyed pointing in CM1:3 for stone/brick masonry. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW7	Raised pointing in CM 1:3 for RR Masonry only. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW8	Stone crete plaster subject to addl cost in AA. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW9	Wall cladding tiles over 10 mm thick backing coat of cement mortar (1:4) subject to addl cost in AA. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW10	Dholpur stone cladding with joints finished with epoxy coating over 10 mm thick backing coat of cement mortar (1:4) subject to addl cost in AA. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW11	Aluminium composite panel of 4 mm overall thickness with top and bottom Aluminium skin of 0.5mm thickness (outer skin with PVDF coating) with PE/FR core. (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)
EW12	Structural glazing with aluminium frame work consisting of Mullions, Transoms, Silicon sealants, setting blocks, Gaskets & Toughened (tampered) or laminated glass of suitable thickness and size (To be executed through a specialist agency). (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.)

CEILING

INDICATION (J)	BRIEF SPECIFICATION (K)
C1	Fibre cement board ceiling (Everest/Gyproc) over 2nd class hard wood kiln seasoned & chemically treated /aluminium /galvanized or powder coated steel frame works. (For tech bldgs, lecture hall etc where humidity is high.)
C2	Accoustic grid ceiling factory finished planks (Subtex Nubby (White) or Ebony (Black)) 20 mm thick of size (min 600X600) having minimum density 400 kg/m3 minimum wt 8kg/m2 which is fixed by using concealed ceiling framework system.(Bldgs where high sound insulation are required like Auditorium - cum- Cinema halls, Lecture hall, conference hall etc.) Makes : Anutone/Armstrong
C3	Fibre glass/glass wool/mineral wool or other insulation material in cloth sealed bags shall be provided over the ceiling for the rooms to be air-conditioned.(False ceiling may be provided under sunken floors to avoid exposure of dampness if any subject to inclusion in AA as an addl cost.)
C4	Metal Work clip in false ceiling system with plain galvanized steel 0.5mm thick of size 600mmx600mm on double frame DP12 with C- Channel suspension system of make, Armstrong equivalent.
C5	600x600x12mm thick Perforated/semi perforated particle board ceiling tiles over aluminium grid of reputed make frame works.
C6	600x600x9.5 mm thick "Gyprex- Polyshield (Saint Gobain)" brand false ceiling with gypsum board over Galvanized steel /GI frame work as per manufacturer's instructions .
C7	600x600x12 mm thick mineval wool ceiling tiles as per manufacturers instructions of Armstrong or equivalent. (For Hospitals, Schools Class rooms, Lecture halls, Conference halls, etc.)
C8	Plaster of Paris (POP) ceiling 10 mm thick to flat surface like soffits of RCC slabs/beams etc.
C9	Plaster of paris (POP) ceiling 10-15 mm thick on galvanised steel frame work and reinforced with GI wiremesh.
C10	600x600x8mm thick Pin-hole perterated calcium silicate ceiling tile (Min density 900 kg/m2) on galvanized steel suspension system as per manufactrurers instructions of make Hilux/Aerocon/Evenest

FINISHES

INDICATION (L)	BRIEF SPECIFICATION (M)
IF1	3 coats of White/Colour wash over the plastered surface.
IF2	2 coats of Dry distemper over a coat of white wash over plastered surfaces.
IF3	(a) 2 coats of Acrylic washable distemper (first quality) over a coat of primer. (b) 2 coats of Acrylic washable distemper (first quality) over a coat of primer. To be provided with white - cement based wall putty 1.5mm thick in two layers (Birla Wallcare/JK/Asin/ Jenson & Nicolson (JEN).
IF4	(a) 2 coats of Plastic emulsion or Acrylic emulsion paint (first quality) over a coat of primer. (b) 2 coats of Plastic emulsion or Acrylic emulsion paint (first quality) over a coat of primer.To be provided with white - cement based wall putty 1.5mm thick in two layers (Birla Wallcare/JK/Asin/ Jenson & Nicolson (JEN).
EF1	2 coats of colour wash over a coat of white wash.
EF2	2 coats of cement based paint over a coat of primer.
EF3	2 coats of exterior acrylic emulsion anti - fungal weather coat paint (first quality) over a coat of primer. Type of Exterior acrylic emulsion will be of Anti-fungal, dust resistant, water repellant, crack bridging, weather proof type (Ist quality).Make will be as per command approved Makes are as under:- (i) "Appex Ultima" of Asian Paints, Two coats over a coat of "Trucare" exterior wall paint. OR (ii) "Dulux weather shield max" of Dulux paints, Two coats over a coat of "Dulex" exterior acrylic primer. OR (iii) "Excel Top Guard" of Nerolac paints, Two coats over a coat of "Excel Top Guard" water proof acrylic base coat (primer). (iv) "Wheather coat All Guard" of Berger paint
WF1	2 coats of synthetic enamel paint (first quality) over a coat of wood pink primier.
WF2	2 coats of Melamine Polish on wood surfaces.
WF3	2 coats of tarring on timber surfaces in contact with concrete/brick masonry and the surfaces embedded in ground.
WF4	Preservative treatment to wooden roof/ceiling members/wooden Trusses, using Copper Chrome Arsenic composition.
SF1	2 coats of synthetic enamel paint (first quality) over a coat of steel primier Zinc Chromate.
SF2	2 coats of anti-corrosive paint over a coat of zinc chromate primer.
SF3	2 coats of aluminium paint over a coat of aluminium primer.
SF4	2 coats of tarring and sand dashing for hold fast and similar articles in contact with cement/masonry.
SF5	2 coat of epoxy paint over a coat of epoxy primer on steel surfaces (in High Corrosive environment).

SKIRTING

INDICATION (N)	BRIEF SPECIFICATION (O)
SK1	100 mm high 5mm thick setting coat in CM 1:2 finished fair and even using extra cement over 10mm thick backing coat of CM 1:4.
SK2	(a) 6 to 7mm thick glazed finish grade B III ceramic tiles set and jointed in neat cement slurry and pointed in white cement over 10 mm thick backing coat of CM 1:3 over prepared and wet wall surface. (b) (Height of skirting shall be 100 mm.)
SK3	(a) 100 mm high 12 to 15 mm thick polished kota stone skirting over 10 mm thick backing coat in CM 1:3 over prepared and wet wall surface. (b) Same as **SK3(a)** but machine cut mirror polished kota stone.
SK4	100 mm high 12 to 15 mm thick mirror polished marble stone skirting over 10 mm thick backing coat in CM 1:3 over prepared and wet wall surface.
SK5	(a) 150 mm high vitrified tiles as specified as floor, 10 mm thick , set and jointed in neat cement slurry and pointed with coloured cement to match over 10 mm thick backing coat in CM 1:3 over prepared and wet wall surface.
SK6	All as per SK5 but with heavy duty exterior double charged vitrified tile.
SK7	All as per SK5 but with industrial use acid resistant vitrified tile.
SFT	**Sunken Flooring.** Floors of toilets/Baths/WCs/Kithcen need to be sunken to accomodate Traps of WCs, Soil & waste pipes, Nahani traps etc. Hence, sunken floor can not be all together eliminated. Provide damp proofing treatment as under :- (a) Clean the sunken portion of toilet/Bath/WC/Kitchen throughly to remove laitance, dirt, dust, etc. (b) Form angle fillet of size 40 mm x 40 mm along the junction of wall and floor using polymer modified mortar ("Dr Fixit" Pidicrete URP" or eqvt) (c) Sanitary pipes entering through walls and floor shall be sealed with "Dr Fixit Bathseal Tape" and the gaps to be grouted with non-shrink cementitous grout "Dr Fixit Bathseal Grout" or eqvt. Nahani traps, etc to be fitted securely and the gaps around it to be grouted in the same manner. (d) Apply one coat of a Bitumen-modified polymer coating "Dr Fixit Bathseal Plus" or eqvt on all angle fillets by brush and cover it with 100 mm open woven mesh when it is still wet. Apply second coat of the same coating on the angle fillets and allow it to dry completely. (e) In the remaining area, in dry sustrate condition brush apply first coat of the same coating and further apply second coat when first coat is dry. Extend the coating upto 150 mm above the FFL. Above FFL, another cementitious waterproof coating "Dr Fixit Pidifin 2 K" or eqvt can be further applied right upto 2.1 m to waterproof the shower area also, if it is a bathroom or bath cubicles of a sanitary annex and apply second coat after 6-8 hours and allow to dry completely. (f) After 2 to 3 days, sunken portion must be overlaid with a 50 mm thick concrete screed M 15 type B0 mixed with intergral WPC (Liquid) laid to slope 1:60 towards outer face of wall. Provide 40 mm OD UPVC pipe at the lowest point with 300 mm projection beyond the outer face of the wall. Then fill up the sunken portion with lean concrete 1:5:10 type E2. (g) After completing plumbing work in the toilet/WC/Bath/ Kitchen floor, tiling work (floor and dado) can be carried out using suitable Tile Adhesives and ready-to -make Tile grouts of appd makes such as Dr Fixit, FOSROC SIKA, MC BUCHEMIE, ROFF, etc

DADO

INDICATION (P)	BRIEF SPECIFICATION (Q)
D1	(a) Glazed ceramic tiles in vertical surfaces 200x300x7 to 8mm thick glazed finish grade B III ceramic tiles set and jointed in neat cement slurry and pointed in white cement over 10 mm thick backing coat of CM 1:3 over prepared and wet wall surface. (Border of 100 mm wide shall be provided in contrast / dark colour or tile with design 5 to 6 mm thick. Height of dado shall be 1200 mm in WC/Kitchen and 2100 mm in Baths or as shown on Arch drgs.) (b) Same as **D1(a)** but without border.
D2	(a) Glazed ceramic tiles in vertical surfaces 250x350x7 to 8mm thick or 350x250x7 to 8mm thick glazed finish grade B III ceramic tiles set and jointed in neat cement slurry and pointed in white cement over 10 mm thick backing coat of CM 1:3 over prepared and wet wall surface. (Border of 100 mm wide shall be provided in contrast / dark colour or tile with design 5 to 6 mm thick. Height of dado shall be 1200 mm in WC/Kitchen and 2100 mm in Baths or as shown on Arch drgs.) (b) Same as **D2(a)** but without border.
D3	(a) Glazed ceramic tiles in vertical surfaces 300x450x7 to 8mm thick glazed finish grade B III ceramic tiles set and jointed in neat cement slurry and pointed in white cement over 10 mm thick backing coat of CM 1:3 over prepared and wet wall surface. (Border of 100 mm wide shall be provided in contrast / dark colour or tile with design. Height of dado shall be 1200 mm in WC/Kitchen and 2100 mm in Baths or as shown on Arch drgs.) (b) Same as **D3(a)** but size of tile 300 X 600 mm (c) Same as **D3 (a)** but without border. (d) Same as **D3 (b)** but without border.

ROOF

INDICATION (R)	BRIEF SPECIFICATION (S)
RF1	**RCC Inaccessible roof** (1) 10 mm thick cement plaster in CM 1:3 with integral WPC to be laid over the RCC roof slab when the concrete is green. (2) Applying a uniform coat of bitumen primer @ 0.70 kg/sqm over cement plaster. (3) 3 mm thick plain texture and weighing not less than 3.6 kg/sqm Atactic Polypropylene Polymer (APP) modified bitumen based prefabricated five layer water proofing membrane reinforced with non woven polyster matt black finished over compatible primer at 0.4 Ltr / sqm of density at 25 degree centigrade 0.87 - 0.89 kg/ltr and viscosity 70-160 cps or cold sticker and torch application of membrane with 10 cm overlap both ways after necessary preparation of surface complete as per manufacturers instructions. (4) Apply two coats of bitumastic - aluminium paint over the membrane.
RF2	**RCC Accessible roof** (1) 10 mm thick cement plaster in CM 1:3 with integral WPC to be laid over the RCC roof slab when the concrete is green. (2) Applying a uniform coat of bitumen primer @ 0.70 kg/sqm over cemtn plaster. (3) 3 mm thick mineral texture and weighing not less than 3.6 kg/sqm Atactic Polypropylene Polymer (APP) modified bitumen based prefabricated five layer water proofing membrane reinforced with non woven polyster matt black finished over compatible primer at 0.4 Ltr / sqm of density at 25 degree centigrade 0.87 - 0.89 kg/ltr and viscosity 70-160 cps or cold sticker and torch application of membrane with 10 cm overlap both ways after necessary preparation of surface complete as per manufacturers instructions. (4) Pressed cement concrete tiles 300x300x25 mm thick laid over 20 mm thick Cm 1:3 with WPC jointed and pointed in CM 1:2 mixted with WPC as per manufacturer instructions.
RF3	**RCC Accessible roof** ((1) 10 mm thick cement plaster in CM 1:3 with integral WPC to be laid over the RCC roof slab when the concrete is green. (2) Applying a uniform coat of bitumen primer @ 0.70 kg/sqm over cement plaster. (3) 3 mm thick mineral texture and weighing not less than 3.6 kg/sqm Atactic Polypropylene Polymer (APP) modified bitumen based prefabricated five layer water proofing membrane reinforced with non woven polyster matt black finished over compatible primer at 0.4 Ltr / sqm of density at 25 degree centigrade 0.87 - 0.89 kg/ltr and viscosity 70-160 cps or cold sticker and torch application of membrane with 10 cm overlap both ways after necessary preparation of surface complete as per manufacturers instructions. (4) Polished Kota stone 22 to 25 mm thick laid over 20 mm thick Cm 1:3 with WPC jointed and pointed in CM 1:2 mixted with WPC as per manufacturer instructions.
RF4	**RCC Accessible roof** (1) 10 mm thick cement plaster in CM 1:3 with integral WPC to be laid over the RCC roof slab when the concrete is green. (2) Applying a uniform coat of bitumen primer @ 0.70 kg/sqm over cemtn plaster. (3) 3 mm thick mineral texture and weighing not less than 3.6 kg/sqm Atactic Polypropylene Polymer (APP) modified bitumen based prefabricated five layer water proofing membrane reinforced with non woven polyster matt black finished over compatible primer at 0.4 Ltr / sqm of density at 25 degree centigrade 0.87 - 0.89 kg/ltr and viscosity 70-160 cps or cold sticker and torch application of membrane with 10 cm overlap both ways after necessary preparation of surface complete as per manufacturers instructions. (4) Heavy duty outdoor type double charged vitrified tiles (brand Endura/Durastone) 10 to 12 mm thick laid with sutaible tikes adhesive morter and painted with sutaible water proof tile joint filer.
RF5	Prepainted Galvalume (PPGL) profiled roofing sheet of overall thickenss 0.5 mm with metalic protective coating alloy of 55 % aluminium, 43.5 % zink and 1.5 % silica of grade designation YS-550 as per IS 15961 - 2012. Over steel/tubular/wooden trusses/purlins, steel structures as per drgs and steel/ wooden structures shall be given shop coat of primer before erection.
RF6	Mangalore pattern roofing tiles or decorative burnt clay or cement tiles set and jointed in cement slurry over 20mm thick screed in CM 1:6 mixed with WPC as per manufacturers recommendations over RCC slab laid to slope or CGI Sheet on steel frame work subject to inclusion in AA as an addl cost.
RF7	Self-Supported Steel Roofing System for unobstructed spans 09 to 35m. (For high span structures like Multi-Sports facilities, Gymnasiums, Storage Sheds and Training Sh[illegible]etc.)
RF8	Aluminium or Zinc profiled roofing sheet (plain or corrugated over roof structure.(For important and high ceiling structures due to its high corrosion resistance and leakage-free installation)
RF9	PUF - sandwitched/insulated Galvalume profiled roofing sheet over roof structure. (For "Green Bldgs" or Auditorium bldgs, etc due to its low heat absorption and sound insulation characteristics.)

Note (for external plastering) :- (The external plastering shall be done to obtain even and fair surface with sponge finish. External faces of built in cupboard/wardrobes shall be plastered 5mm thick in cement mortar 1:3 with WPC on RCC surfaces and 5mm thick in CM 1:4 with WPC over 10mm thick for brick/block masonry. External plastering shall be taken upto 150mm below ground level, Fine fibrillated Polyproplylene fibres such as "Fibercast 500 / Recron 3S" 6 mm or equivalent mixed in cement mortar as per manufacturers instructions to reduce shrinkage cracks dampness etc subject to inclusion in AA as an addl cost, (Provide double steel scaffolding to avoid scaffolding holes in the masonry and filling the holes later.Manufactured sand shall not be used for plastering or pointing.). At the junction of RCC and brick/stone/PCC block masonry, chicken wire **(A strip of chicken wire mesh 10mm aperature and 0.63mm dia & 150mm wide be fixed over the junction before the plastering to act as reinforcement for the plaster)** mesh shall be provided before plastering and no groove will be provided in plaster.)

SL. NO.	DESCRIPTION	DATE	SIGN

REVISION

SCHEDULE OF FINISHES (PART-I)

DRN:- Sub Santosh	CHIEF ENGINEER PUNE ZONE PUNE	DATE : 20 NOV 2021
TCD:-		SCALE : AS SHOWN
CKD:-		
AAD (ARCH)	JT DIR (PLG)	DIR (PLG) FOR CHIEF ENGINEER
DRG.NO:- CEPZ/2021/SF(TD)/04		SHT. NO.- 1/1

21 Santosh Drawings\Schedule of Finishes\UNIVERSAL SCHEDULE OF FINISHES.dwg, ISO full bleed A1 (841.00 x 594.00 MM)