

SCHEDULE OF ITEM

Yearly Contract for Maintenance of Existing Different Structure at Old and New Mandi Yard Ashoknager

SOR of Building works w.e.f. 01 jan 2024

S.No.	SOR Item	Description of Item	Quantity	Unit
1	2.6	Item No. 2.6 Excavation soil Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5m in width as well as 10 sqm on plan) including dressing of sides and ramming of bottom disposal of excavated earth. lead up to 50m and lift up to 1.5m.	123.75	cum
2	6.1	Brick work with well burnt chimney bricks in bulls pattern trench kiln manufactured by ghol process, crushing strength not less than 40kg /cm ² and water absorption not more than 15% in foundation and plinth i/c curing etc. complete. Item No. 6.1.2 Cement mortar 1:6 (1 cement : 6 sand)	49.20	cum
3	13.1	12 mm cement plaster finished with a floating coat Item No. 13.4.2 1:4 (1 cement : 4 sand)	985.00	sqm
4	13.41	Item No. 13.41 Providing and applying white cement based putty of average thickness 1 mm, of approved brand over the plastered wall surface to prepare the surface even and smooth i/c all cost of material, labour and scaffold etc in all position complete. Note : Putty shall be applied only on the internal walls, for application on the exterior walls prior permission of Chief Engineer will be required.	985.00	sqm
5	13.52	Item No. 13.52 Finishing walls by any mechanical or manual means with Acrylic Smooth exterior paint (Economy Exterior) of required shade including all scaffolding. New work (Two or more coat applied @1.67ltr/10sqm over and including one coat undiluted exterior waterproofing coating @ 2.39 litre/10 sqm with crack bridging ability of upto 0.5mm on horizontal surfaces with an elongation of 150% and water proofing of upto 3 bars on vertical surface	985.00	sqm
6	11.80	Providing and laying vitrified floor-tiles Full Body Design Homogenous Body matt/rustic finish in different size with water absorption less than 0.05% and conforming to IS:15622 of approved make in all colours & shades, 1 st quality/ premium quality in flooring laid on 20mm thick cement mortar 1:4(1cement :4sand) including grouting the joints with white cement and matching pigments etc. complete Item No. 11.80.1.3 (c) Size 600X600 mm thickness 11-12mm (to be used heavy duty indoor areas of non residential buildings only such as schools, hostels, libraries hospitals, institutions, offices etc.)	61.50	sqm

S.No.	SOR Item	Description of Item	Quantity	Unit
7	9.201	Providing and fixing factory made integral PVC flush door shutter made from rigid PVC foam sheet (Single Extruded) with density not less than 600 kg/cum, conforming to IS: 2380 part 14 for screw holding strength with Celluka finish surfaces on both sides at the manufacturing process itself, manufactured by an ISO : 9001 -2000 certified company. Item No. 9.201.2 28 to 30 mm thick plain solid PVC flush door shutter	28.35	sqm
8	9.203	Providing and fixing ISI marked factory made flush door shutters conforming to IS: 2202(Part-I) laminated type, core of block board construction with kiln seasoned and chemically treated 2nd class hard wood battens (strips) and frame of kiln seasoned and chemically treated, finger jointed 1st class hard wood of width not less than 65mm for style, top rail, bottom rail and 125mm for lock rail. Block board shall be provided with well matched 3mm thick commercial 3ply veneering consisting of vertical grains, cross bands and commercial grade face veneers on both outer faces of shutters including kiln seasoned and chemically treated, finger jointed 2nd class teakwood internal lipping battens fixed in jointed 2nd class teakwood internal lipping (battens) fixed in factory by using pneumatic gun, of depth not less than 25 mm on all edges of shutters. Spacing of finger joints in wood as above shall not be less than 50cm. Both surfaces of shutters to be provided with 1.00 mm thick decorative high pressure laminated sheet on plain/ wood grain in gloss/matt/suede finish with high density protective surface. Adhesive on reverse side of lamination sheet shall be as per IS: 2046 type S of approved (opening) withing frame of door/cupboards and shall be stamped by the manufacturer to display name of manufacturer, batch number of product and conformity with IS: 2202. The rate shall be inclusive of all material and labour complete and as per	34.65	sqm
9	21.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows and ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber /	486.00	Kg

S.No.	SOR Item	Description of Item	Quantity	Unit
10	21.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions 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) : Item No. 21.3.2 With float glass panes of 5.0 mm thickness (weight not less than 12.50 kg/sqm)	32.40	sqm
11	22.6	Item No. 22.6 Providing and laying water proofing treatment on roofs of slabs by applying cement slurry mixed with water proofing cement compound consisting of applying : a) After surface preparation, first layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/sqm. b) Laying second layer of Fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm. c) Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/sqm mixed with water proofing cement compound @ 0.670 kg/sqm and sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around.	150.00	sqm
12	22.14	Item No. 22.14.1 Grading roof for receiving water proofing treatment with Cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)	15.00	cum
13	18.19	Constructing masonry Chamber 60x60x75 cm inside, in brick work in cement mortar 1:4 (1 cement : 4 sand) for sluice valve, with C.I. surface box 100mm. top diameter, 160 mm bottom diameter and 180 mm deep (inside) with chained lid and RCC top slab 1:2:4 mix (1 cement : 2 sand : 4 graded stone aggregate 20mm nominal size) , i/c necessary excavation, foundation concrete 1:5:10 (1 cement : 5 sand : 10 graded stone aggregate 40 mm nominal size) and inside plastering with cement mortar 1:3 (1 cement : 3 sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design Item No. 18.19.1 With common burnt clay bricks of 25 kg/cm² compressive	5.00	each
14	17.1	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100mm sand cast Iron P or Strap, UPVC 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 : Item no 17.1.1 White Vitreous china Orissa pattern W.C. pan of size 580x440mm with integral type foot rests.	5.00	each
15	17.11	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard bottom including pointing of fittings and brackets, cutting and	5.00	each

S.No.	SOR Item	Description of Item	Quantity	Unit
16	18.6	Item No. 18.6.1.2 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-	120.00	rmt
17	18.6	Item No. 18.6.1.4 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer-in-	85.00	rmt
18	18.7	Item No. 18.7.8 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in- Charge. External Work	40.00	rmt
19	18.7	Item No. 18.7.9 Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings. This included jointing of pipes and fittings with one step CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in- Charge. External Work	40.00	rmt