

## SCHEDULE OF ITEM

### Construction of R.C.C. Drain At New Mandi Yard Ashoknagar Distt . Ashoknagar

*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, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	159.21	cum
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :With 20mm nominal size graded stone aggregate. Item No. 4.1.1.4 M-10 Nominal (Mix -1 Cement : 3 sand : 6 graded stone aggregate)	26.54	cum
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing ) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3.Couplers shall be conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification"), Item No. 5.16.6 Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 1786	11949.29	Kg
4	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Item No. 5.9.1 Foundations, footings, bases of columns, etc. for concrete upto plinth level	477.63	sqm
8	5.1	Providing and laying in position specified grade of reinforced cement concrete (nominal / design mix with 20mm nominal size graded stone aggregate) excluding the cost of centering,shuttering, finishing and reinforcement -All work up to plinth level : Item No. 5.1.1 M-20 Grade Concrete	55.72	cum
5	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Item No. 5.9.2.1 Foundations, footings, bases of columns, etc. for concrete upto plinth level	45.00	sqm

S.No.	SOR Item	Description of Item	Quantity	Unit
9	5.2	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: Item No. 5.2.1 M-20 Grade Concrete	27.00	cum

**Construction of Paver Block Flooring Work At New Mandi Yard Ashoknagar Distt . Ashoknagar**

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

S.No.	SOR Item	Description of Item	Quantity	Unit
1	2.26	Item No. 2.26 Supplying and filling in plinth with crusher stone dust / coarse sand under floors including, watering, ramming and compacting in layers not exceeding 20cm in depth and dressing complete Note: - Maximum thickness of this layer shall be 20 cm. SOR	273.18	cum
2	11.72	Item No. 11.72.1 Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc. of required colour strength, thickness pattern, surface texture (smooth/rough) and size/shape, conforming to 15658- 2006 made by table vibratory method using PU mould, laid in required colour and pattern over 50mm thick compacted bed of sand, compacting and proper embedding/ laying of inter locking paver blocks into the bedding layer through vibratory compaction byusing plate vibrator, filling the joints with sand and cutting of paver blocks as per required sizeand pattern, finishing and sweeping extra sand including locking with M15 cement concrete in footpath, parks, lawns, drive ways or light traffic parking etc. complete as per manufac turer's specifications and direction of Engineer-in-Charge. 80 mm thick C.C. paver block of M-35 grade	1758.40	sqm
3	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for : Item No. 4.3.2 above plinth: Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, and string courses fillets etc	76.40	sqm
4	4.1	Providing and laying in position specified grade of reinforced cement concrete (nominal / design mix with 20mm nominal size graded stone aggregate) excluding the cost of centering,shuttering, finishing and reinforcement -All work up to plinth level : Item No. 4.1.1 .2 M-20 Grade Concrete	15.28	cum

**Renovation & Maintenance Work Of Canteen At Old Mandi Yard Ashoknagar Distt . Ashoknagar**

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

S.No.	SOR Item	Description of Item	Quantity	Unit

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, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	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 <sup>2</sup> 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	9.45	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) with 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 specification and direction of Engineer-in-Charge. Item No. 9.203.2 30mm thick including 3 nos. 100mm long, ISI marked heavy weight (2.5mm thick) Stainless steel butt hinges with necessary screws.	11.55	sqm

S.No.	SOR Item	Description of Item	Quantity	Unit
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 whereverrequired including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately). Item No. 21.1.2.3 Polyester powder coated aluminium (minimum thicknessof polyester powder coating 50 micron)	162.00	Kg
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 )	10.80	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	Grading roof for receiving water proofing treatment with Item No. 22.14.1 Cement concrete 1:2:4 (1 cement : 2 sand : 4 graded stone aggregate 20 mm nominal size)	15.00	cum

S.No.	SOR Item	Description of Item	Quantity	Unit
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 floatingcoat of neat cement complete as per standard design Item No. 18.19.1 With common burnt clay bricks of 25 kg/cm <sup>2</sup> compressive strength.	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.	2.00	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 pattern, including painting of fittings and brackets, cutting and making good the walls wherever require : Item no 17.11.1 White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps.	2.00	each
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-Charge. Internal work - Exposed on wall 20 mm nominal outer dia .Pipes.	25.00	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-Charge. Internal work - Exposed on wall 32 mm nominal outer dia .Pipes.	25.00	rmt

S.No.	SOR Item	Description of Item	Quantity	Unit
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 onestep CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in-Charge. External Work 75 mm nominal inner dia Pipes.	15.00	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 onestep CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of Engineer-in-Charge. External Work 100mm nominal inner dia.Pipes.	15.00	rmt
20	4.3	Centering and shuttering including strutting, propping etc. and removal of form work for : Item No. 4.3.2 above plinth: Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, and string courses fillets etc	45.42	sqm
21	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :With 20mm nominal size graded stone aggregate. Item No. 4.1.1.4 M-10 Nominal (Mix -1 Cement : 3 sand : 6 graded stone aggregate)	34.10	cum
22	4.1	Providing and laying in position specified grade of reinforced cement concrete (nominal / design mix with 20mm nominal size graded stone aggregate) excluding the cost of centering,shuttering, finishing and reinforcement -All work up to plinth level : Item No. 4.1.1 .2 M-20 Grade Concrete	68.20	cum
<b>Construction of Boundary wall at Old Mandi Yard Ashoknagar (MP)</b>				
SN	SOR ITEM No.	DESCRIPTION OF ITEM	Quantity	UNIT
1	2.6	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, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	101.35	Cum
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :		

S.No.	SOR Item	Description of Item	Quantity	Unit
	4.1.1.4	M-10Nominal (Mix-1 Cement : 3 sand : 6 graded stone aggregate )	9.73	sqm
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing ) etc. complete .(Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge.2. No extra payment shall be done for overlaps and/or couplers.3. Couplers shall be conforming to IS code on “Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification”)		
	5.16.4	Hot rolled deformed bars	2410.28	kg
4	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:		
	5.9.1	Foundations, footings, bases of columns, etc. for concrete upto plinth level	35.01	sqm
5	5.1	Providing and laying in position specified grade of reinforced cement concrete (with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :		
	5.1.1	M-20 Grade Concrete	16.64	Cum
6	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for:		
	5.9.6	Columns, P i l l a r s , Piers, Abutments, Posts and Struts.	145.34	sqm
7	5.3	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate)in beams, suspended floors, roofs havingslope of any degree landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiralstaircases above plinth level and upto floor two level excluding the cost of centering, shuttering, finishing and reinforcement in concrete grade.		
	5.3.1	M-20 Grade Concrete	10.88	Cum
8	2.27	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete.		
	2.27.1	With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)	74.23	Cum

S.No.	SOR Item	Description of Item	Quantity	Unit
9	6.2	Brick work with well burnt 40kg chimney bricks in bulls patent /cm <sup>2</sup> chimney trench kiln manufactured by ghol bricks in process ,crushing strength not less superstructure than 40kg /cm <sup>2</sup> and water absorption not more than 15% in uperstructure above plinth level and up to floor two level i/c curing etc. complete.		
	6.2.2	Cement mortar 1:6 (1 cement : 6 sand)	78.55	Cum
10	13.5	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix		
	13.5.2	1:4 (1 cement : 4 sand)	1076.61	sqm
11	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	2188.23	sqm

**Roof Extension Work Of 02 No. Trolley Shed At New Mandi Yard Ashoknagar Distt . Ashoknagar**

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

S.No.	SOR Item	Description of Item	Quantity	Unit
1	10.14	Steel work in built up M.S. tubularsection (round, square or rectangular hollow tubes etc.) trusses/frame work etc. including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washersetc. complete. Item No. 10.14 .2 Hot finished seamless type tubes		
		Horizontal pipe bottom runner	4521.60	
		Virtical pipe	2068.63	
		Inclined	2712.96	
			9303.19	Kg
2	12.15	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm + 0.05 %, total coated thickness with zinc coating 120 gsm 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 while 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 55mm) 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. Item No. 12.15		

S.No.	SOR Item	Description of Item	Quantity	Unit
			288.00	
			552.96	
			840.96	sqm
<b>Construction of R.C.C. Drain Near Staff Quarter At Old Mandi Yard Ashoknagar Distt . Ashoknagar</b>				
<i>SOR of Building works w.e.f. 01 jan 2024</i>				
S.No.	SOR Item	Description of Item	Quantity	Unit
1	2	3	5	4
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, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	159.21	cum
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :With 20mm nominal size graded stone aggregate. Item No. 4.1.1.4 M-10 Nominal (Mix -1 Cement : 3 sand : 6 graded stone aggregate)	26.54	cum
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing ) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3.Couplers shall be conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification"), Item No. 5.16.6 Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 1786	11949.29	Kg
4	5.9	Centering and shuttering in cluding strutting, propping etc. and removal of form for: Item No. 5.9.1 Foundations, footings, bases of columns, etc. for concrete upto plinth level	477.63	sqm
8	5.1	Providing and laying in position specified grade of reinforced cement concrete (nominal / design mix with 20mm nominal size graded stone aggregate) excluding the cost of centering,shuttering, finishing and reinforcement -All work up to plinth level : Item No. 5.1.1 M-20 Grade Concrete	55.72	cum

S.No.	SOR Item	Description of Item	Quantity	Unit
5	5.9	Centering and shuttering including strutting, propping etc. and removal of form for: Item No. 5.9.2.1 Foundations, footings, bases of columns, etc. for concrete upto plinth level	45.00	sqm
9	5.2	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: Item No. 5.2.1 M-20 Grade Concrete	27.00	cum
<b>Construction of Retaining Wall At New Mandi Yard Ashoknagar Distt . Ashoknagar</b>				
<i>SOR of Building works w.e.f. 01 jan 2024</i>				
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, disposed earth to be levelled and neatly dressed. (No extra lift is payable if work is done by mechanical means) All kinds of soil	198.00	cum
2	4.1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work upto plinth level :With 20mm nominal size graded stone aggregate. Item No. 4.1.1.4 M-10 Nominal (Mix -1 Cement : 3 sand : 6 graded stone aggregate)	12.00	cum
3	5.16	Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding including cost of binding wire all wastages and overlaps, couplers (overlaps shall be provided as per requirement of IS 13920 for ductile detailing IS 456 RCC Design & SP 34 Reinforcement detailing ) etc. complete . (Note:- 1. Spacer bars (chairs) shall be paid separately as shown in the drawing and as per direction of engineer in charge. 2. No extra payment shall be done for overlaps and/or couplers. 3.Couplers shall be conforming to IS code on "Reinforcement Couplers for Mechanical Splices of Bars for Concrete Reinforcement - Specification"), Item No. 5.16.6 Thermo-Mechanically Treated bars.FE 500 D or more conforming to IS 1786	9600.00	Kg
4	5.9	Centering and shuttering including strutting, propping etc. and removal of form for: Item No. 5.9.1 Foundations, footings, bases of columns, etc. for concrete upto plinth level	256.00	sqm

S.No.	SOR Item	Description of Item	Quantity	Unit
5	5.9	Centering and shuttering including strutting, propping etc. and removal of form for: Item No. 5.9.2.2 Above plinth upto 3.6 m height from plinth level	336.00	sqm
6	5.1	Providing and laying in position specified grade of reinforced cement concrete (nominal / design mix with 20mm nominal size graded stone aggregate) excluding the cost of centering, shuttering, finishing and reinforcement -All work up to plinth level : Item No. 5.1.1 M-20 Grade Concrete	52.80	cum
7	5.2	Reinforced cement concrete work (with 20 mm nominal size graded stone aggregate) in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, posts and struts etc. above plinth level and upto floor two level excluding cost of centering, shuttering, finishing and reinforcement: Item No. 5.2.1 M-20 Grade Concrete	50.40	cum
8	2.27	Supplying and filling in plinth under floors including watering ramming consolidating in layers not exceeding 20cm in depth and dressing complete. Item No. 2.27.1 Hard muram hard copra With hard muram having CBR >12 % at under floors including watering, ramming and compacting (minimum compaction 95% of MDD) in layers not exceeding 20cm in thickness and dressing complete. (Note:- maximum thickness of this layer to be provided shall be 30cm)	133.20	cum