

1	Earth work in excavation (including mix aggregate) by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming/watering of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil. Note:-Excavation should be done carefully as there may be some live wires embedded in earth.	item1	150.00	Cum		0.00	INR Zero Only
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 40/20 mm nominal size derived from natural sources)	item2	3.50	Cum		0.00	INR Zero Only
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:1½:3 (1 Cement: 1½ coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	item3	6.00	Cum		0.00	INR Zero Only
4	Centering and shuttering including strutting, propping etc. and removal of form work for :Foundations, footings, bases for columns	item4	40.00	Sqm		0.00	INR Zero Only
5	Providing and laying 60mm thick factory made cement concrete interlocking paver block of M -30 grade made by block making machine with strong vibratory compaction, of approved size, design & shape, laid in required colour and pattern over and including 50mm thick compacted bed of coarse sand, filling the joints with line sand etc. all complete as per the direction of Engineer-in-charge.	item5	360.00	Sqm		0.00	INR Zero Only
6	Cement plaster 1:3 (1 cement : 3 coarse sand) finished with a floating coat of neat cement 20 mm cement plaster. Note:-Including Scaffolding, curing etc.	item6	15.00	Sqm		0.00	INR Zero Only
7	Providing, laying, spreading and compacting graded stone aggregate (size range 40 mm to 0.075 mm) to wet mix macadam (WMM) specification including premixing the material with water at OMC in for all leads & lifts, laying in uniform layers manual in sub- base / base course on well prepared surface and compacting with Vibratory roller to achieve the desired density, complete as per specifications and directions of Engineer-in-Charge. Note:-The compaction with static roller after premixing the material with water at OMC is must and is to be done as per the direction of engineer in charge.	item7	100.00	Cum		0.00	INR Zero Only

8	Providing and constructing BRICK MASONRY in cement mortar as per mixes stipulated below using approved well burnt bricks of "CLASS DESIGNATION" (Classification as per I.S.1077-1986) as specified below, including raking out joints 10mm deep wherever required, curing, etc; complete at all lead and lifts all as per specifications (The mix ratio specified is for cement : coarse sand) USING BRICKS OF CLASS DESIGNATION "3.5"(Minimum Average Compressive strength not less than 3.5 N/sqmm) In foundation and plinth in cement mortar 1:6. Price includes fixing of chair bracket/rag bolt into masonry Complete all as directed by EIC.	item8	5.00	Cum		0.00	INR Zero Only
9	Finishing walls with 100% Premium acrylic emulsion paint having VOC less than 50 gm/litre and UV resistance as per IS 15489:2004, Alkali & fungal resistance, dirt resistance exterior paint of required shade (Company Depot Tinted) with silicon additives. New /old work (Two or more coats applied @ 1.43 litre/ 10 sqm. Over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm, complete in all respect as per the direction of Engineer-in-Charge. Note:- Rates includes scaffolding, surface preparation, crack opening and filling with approved filler material (filling cracks - SBR polymer with cement as per manufacturers specification). The paint coefficient will be 1.00 irrespective of applying on plain / sand face plaster / brick surface. No extra measurement will be paid for painting on rough or sand face plaster or brick surface with groove. Complete all as directed by EIC.	item9	45.00	Sqm		0.00	INR Zero Only
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.Thermo-Mechanically Treated bars of grade Fe-500D or more	item10	70.00	Kg		0.00	INR Zero Only
11	Extra for disposal of earth / metal (aggregate) etc over initial lead of 50 mt. and up to 1 Km including mechanical transportation, loading, unloading, stacking, levelling etc within campus as directed by engineer in charge	item11	100.00	Cum		0.00	INR Zero Only
12	Disposal of moorum/building rubbish/ malba/ similar unserviceable, dismantled or waste material by mechanical transport including loading, transporting, unloading to approved municipal dumping ground for lead upto 10 km for all lifts, complete as per directions of Engineer-in-charge. Note - 1. Item to be applicable in urban areas having directions for restricted hours for movement / plying of load carrying motor vehicle of 3.5 cum or more. 2. Voids @20% for solids and 50% for rock shall be deducted from fully loaded truck measurement to arrive at the net quantity for payment in case of direct measurement is not possible. 3. The cost is inclusive of necessary permission from statutory authorities for dumping the debris/excess earth outside department premises	item12	25.00	Cum		0.00	INR Zero Only
13	Providing Casual labour(Unskilled) for miscellaneous works as per the direction of engineer in charge.	item13	5.00	Days		0.00	INR Zero Only

14	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. (channel, angle, plate, flat etc) as required In fence, post, gate and similar works. Note:The work needs to be carried out as per the directions of engineer in charge	item14	1850.00	Kg		0.00	INR Zero Only
15	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening nuts, bolts and washers as required and 8 mm diameter MS bar at top and bottom of fence for tie etc complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	item15	80.00	Sqm		0.00	INR Zero Only
16	Providing and Applying two coats of Synthetic enamel paint / aluminum paint on MS member using 1st quality paint from approved manufacturer of approved colour and shade to give an even shade including scaffolding, removing of rust, cleaning the surface, preparing the surface to receive paint including filling cracks and creaves with Putty or other approved filler materials, applying two coats of paint to steel work. cost also includes thinner, filler, putty and other materials, necessary labours etc. complete as directed by Engineer in charge at all heights, in all floors. Painting on false ceiling includes taking down the material, surface preparation, Primer, paint and fixing the material back after painting. Note:- Actual painted area will be measured and paid. (1) Synthetic enamel Paint of approved brand (2) Putty suitable to Mild steel members of approved brand Note:- Measurements for GI fencing, factor 0.5 will be applicable on painted surface area.	item16	140.00	Sqm		0.00	INR Zero Only
17	Taking out existing CC interlocking paver blocks from footpath/ central verge, including removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which removal of rubbish etc., disposal of unserviceable material to the dumping ground, for which payment shall be made separately and stacking of serviceable material within 50 metre lead as per direction of Engineer-in-Charge.	item17	20.00	Sqm		0.00	INR Zero Only
18	Laying old cement concrete interlocking paver blocks of any design/ shape laid in required line, level, curvature, colour and pattern over and including 50 mm thick compacted bed of coarse sand, filling the joints with fine sand etc. all complete as per the direction of Engineer-in-charge. (Old CC paver blocks shall be supplied by the department free of cost).	item18	20.00	Sqm		0.00	INR Zero Only

19	Constructing brick masonry manhole in cement mortar 1:4 (1 cement : 4 coarse sand) with R.C.C. top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand (zone-III) : 3 graded stone aggregate 20 mm nominal size) 150 mm thick with required steel reinforcement 10 mm dia bars @ 100 mm C/C with extra bars at opening, foundation concrete 1:4:8 mix (1 cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) 100 mm thick, inside plastering 12 mm thick with cement mortar 1:3 (1 cement : 3 coarse sand) finished with floating coat of neat cement and making channels in cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement, disposing of debris etc complete as per given design : Inside size 100x90 cm and 90 cm deep including C.I. Grating cover with frame (high duty) of size 600mm*600mm, total weight of cover and frame to be not less than 65 kg (Combined weight of cover and frame should not be less than 65kg) to be emended in cement concrete 1:1,5:3 : With common burnt clay F.P.S. (non modular) bricks of class designation 3.5	item19	2.00	No.s		0.00	INR Zero Only
20	Supply, Laying and Fixing in position under floor, PVC Rigid pipes conforming to Type "B" of IS:13592 approved make as per manufacturers specification including cutting the pipes to required lengths, necessary excavation. Complete all as directed by EIC. Note: Rate including connection with existing chambers / existing drainage line with appropriate fittings and making good including plastering / water tight joint etc.-(Pipe dia:-200 mm)	item20	8.00	meter		0.00	INR Zero Only
21	Making connection of drain or sewer line with existing manhole / hume pipe, dismantling of hume pipe as per required length including breaking and making good the walls, floors with cement concrete 1:2:4 mix (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) cement plastered on both sides with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement and making necessary channels for the drain etc. complete : For pipes 100 to 250 mm diameter Note:-The work needs to be carried out as per the directions of engineer in charge	item21	1.00	Job		0.00	INR Zero Only
22	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	item22	2.50	cum		0.00	INR Zero Only
23	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 and for all lift. Note:-The work is to be done as per the directions of engineer in charge.	item23	4.00	cum		0.00	INR Zero Only

24	Red Dholpur stone 25 mm thick (Polished) for stair step and riser over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with required pigment to match the shade of the slab/floor, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) with 2 numbers of groove for steps as per decided by Engineer-in-charge.	item24	3.00	Sqm		0.00	INR Zero Only
Total in Figures						0.00	INR Zero Only
Quoted Rate in Words						INR Zero Only	