

URANIUM CORPORATION OF INDIA LIMITED
Schedule for : Construction of rooms over MCC building of Mill house at Turamdih Mill (NIT No. TMD/589)

Item No.	Description of Item	quantity	Unit	Rate in Figures	Rate in words	Amounts
1	Earthwork in excavation in the following types of soil and rock upto and including 1.5 Metres lift including bailing/pumping out any water accumulating inside the excavated pit/trench, shoring, strutting(as directed by Engineer) adequate protection to be taken during excavation/drilling/blasting, transporting the excavated soil for all lead as directed by the Engineer, all complete as per drawing, specification a) Ordinary soil, Hard soil and soft & decomposed rock.	10	M ³			
2	Disposal/carriage of rubbish/waste rock/ earth etc.dumped/stacked at site by mechanical means including loading, unloading and dressing up the same, lead up to 5 K.M. and up to any lift including cost of all labour and equipment	15	M ³			
3	Earth work in back filling with available earth including watering and compaction at all elevations around foundations, walls, wells, tunnels, pits, culverts, trenches, road approaches and in plinth filling & area filling as per specifications and drawings and as directed by the Engineer with selected spoil within a lead of 100 mtr as per specification.	5	M ³			

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Item No.	Description of Item	quantity	Unit	Rate in Figures	Rate in words	Amounts
4	Supply, mix, place in position compact & cure cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20mm nominal size) below foundations, walls, wells, pits, trenches, etc. & in basin lining as per specifications, drawings and directions of the Engineer and including cost of centring and shuttering. (Excluding cost of cement)	1	M ³			
5	Supply, mix, place in position compact and cure including testing of concrete specimens, finishing surfaces as per specifications, drawings and directions of the Engineer, of the following grades of concrete with 20mm and down graded stone aggregate and coarse sand excluding cost of centring and of the Engineer of the following grades of reinforced cement concrete with 20 mm and down graded stone aggregate and coarse sand excluding cost of centring - shuttering Cement and reinforcement at all elevations. M-20 below & above ground fl.level (Excluding cost of cement)	30	M ³			
6	Supply, bend, bind and place the following types of reinforcement in all types of reinforced concrete work at all elevations, including cleaning, straightening, cutting, bending and binding with 18 SWG annealed wire or with welding such					

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	as tack, lap, butt etc. with approved electrodes, providing concrete cover blocks, pins, chairs, nails, supports of reinforcement etc. with all materials and labour complete as per drawings, specifications and directions of Engineer excluding cost of reinforcement. High yield strength deformed bars	3000	Kg.			
7	Install, dismantle and remove the form work of approved quality including splay, recess, corners, haunch etc. scaffolding and necessary rendering of concrete surfaces after exposure, including cost of all material and labour (at all elevations).plywood	200	sqm			
8	Supply and laying in position brickwork with designate 75 bricks(compressive strength not less than 75 Kg./Sq. Cm.) in super structure at various elevations in cement-coarse sand mortar (1:6) including mixing mortar, laying bricks, raking joints, curing etc. complete with all materials and labours as per drawings & specifications. (Excluding cost of cement)	20	M ³			
9	Brick work in half brick thick walls with cement sand mortar of mix 1:4(1 cement :4 coarse sand) with standard netting at every fourth layer curing complete as per specification and direction of E.I.C. with all materials and labours. (Excluding cost of cement)	30	M ²			

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10	15mm thick(minimum) plastering 1:6 (cement: coarse sand) to exterior faces of wall, beams, columns, drains, R.C. channels in roof & other structures at various elevations including mixing laying, finishing, curing etc including cutting grooves/ patches for repairing of cracks in wall/ joints providing wire netting complete in all respect with all materials and labours as per drawings and specifications. (Excluding cost of cement)	100	M ²			
11	12mm thick(minimum) plastering with 1:6(1cement: 6 coarse sand) to interior faces of walls, channels in roof and other structures at various elevations including mixing, laying, finishing, curing and necessary scaffolding work complete as per drawings, specifications and instructions of the Engineer with all materials and labours. (Excluding cost of cement)	100	M ²			
12	Same as above but 6mm thick (minimum) cement - coarse sand(1:3) plastering to concrete surfaces in ceiling. (Excluding cost of cement)	120	M ²			
13	Extra for providing 3 mm thick neat cement punning curing complete. (Excluding cost of cement)	50	M ²			

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14	Extra for making groove of size 12mm x 6mm on inside plaster at the junctions with ceiling plaster.	50	R.M.			
15	Providing and laying vetrified tiles of minimum thickness 10 mm. in skirting/dado,riser of steps etc. on 12mm thick cement mortar 1:3 (1cement : 3 coarse sand and jointed with white cement slurry including supplying of all materials and labours excluding cast of cement.	120	M ²			
16	Supplying fabricating & erecting including assembling fitting and fixing best quality fully glazed openable/fixed/ partly fixed / sliding / partly openable type aluminium door / partition wall with 12mm thick prelaminated particle board flat pressed three layer conforming to IS 12823 Grade -I in panelling fixed in Aluminium doors, partition frames from approved manufacturer, including frames shuitters glazing beards, fittings and fixtures etc. silicon sealant caulking grouting the frames, rawl bolt fixing etc, complete with 5.5 mm thick clear float glass with aluminium snap fitting beads and EPDM gasket as per drawings and specification. Aluminium section shall be of approved manufacturer like INDAL of 4mm thickness having 15 micron thick anodic coating (Rate to be quoted including cost of all material painting, fittings / fixures complete in all respect).	80	M ²			

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17	Supplying, including assembly fitting and fixing in position steel windows(openable, fixed or semi openable type), ventilators, skylights at various elevations including frames, shutters, transom, mullions, couplings, brass pegs stay 300 mm wieghing not less than 330gm , brass window fastners, grouting the frames in masonry or concrete and applying approved primer and two (2) coats of synthetic enamel paint of approved make and shade etc. complete as per draw-ings, specifications and instruc-tions of the Engineer. (Glass will be measured and paid separately under relevant item). (Windows as per IS: 1361).	500	Kg			
18	Supplying, fitting and fixing, glazing to metal windows and parti-tions with 5.0 mm thick wired/frosted glass (superior quality first class grade) at various elevations, including supplying putty, mastic cement etc. cleaning after fixing with all materials etc. complete.	10	M ²			
19	Supplying, fitting and fixing in position approved quality brass/ aluminium Hydraulic door closure of approved brand (Oil sealed best quality)	3	Each			
20	Supplying and applying three(3) or more coats of approved water proof cement paint over a coat of primer to					

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	exterior surfaces of concrete, masonry, plastered surfaces etc. at all elevations and including preparation of surface, necessary scaffolding work etc. complete with all materials and labour (Application of paint should be made as per manufacturer's specification) to give an even shade.	500	M ²			
21	Supply, applying two or more coats of OIL BOUND distemper of approved qty or other approved brand, shade over walls over 3 mm thick punning with plaster of parish complete.	150	M ²			
22	Supply, applying two or more coats of synthetic enamel paint of approved brand and manufacture and of shade complete as per direction of E-I-C (Berger 1st qty Luxol Higloss)	50	M ²			
23	Providing and fixing white vitreous china water closet squatting pan (European type W.C. pan) with 100 mm sand cast iron P or S trap 10 litres low level P.V.C. flushing cistern of approved make with fittings and C.I./ M.S. brackets 32 mm dia. flush pipe with fittings and clamps, overflow arrangement with specials and mosquito proof coupling of approved design complete including cutting and making good the walls and floors where required jointing W.C. pan and trap with M-seal all complete.(Hindware make)	1	Each			

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Item No.	Description of Item	quantity	Unit	Rate in Figures	Rate in words	Amounts
24	Providing and fixing white vitreous China flat back wash basin of size 630 mm X 450 mm with single 15 mm C.P. brass pillar cock, R.S. or C.I. brackets painted white, 32 mm C.P. brass waste of standard pattern, G.I. waste pipe upto 750 mm long with necessary unions complete including cutting and making good the walls and floors where required. etc. complete with C.P.brass chain and rubber plug.(Hindware make)	1	Each			
25	Providing and fixing white vitreous China flat back or half stall lipped front urinal basin of 580 x 380 X 350 mm with automatic flushing cistern of approved make with fittings, C.I./M.S. brackets, standard size C.P. brass flush pipe, with waste fitting as per I.S. 2556, C.I. trap with outlet grating and other coupling in C.P. brass including painting of cistern and fittings wherever required including cutting and making good the walls and floors where required. (Hindware make) One Urinal basin with 10 litre PVC automatic flushing cistern.	1	Each			
26	Providing and fixing 600 X 450 mm beveled edge mirror of superior glass(approved quality) complete with 6 mm thick asbestos sheet ground fixed to wooden cleats with CP brass screws and washers.	1	Each			

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Item No.	Description of Item	quantity	Unit	Rate in Figures	Rate in words	Amounts
27	Providing and fixing 600 X 120 X 6 mm glass shelf with Aluminium guard rail complete fixed to wooden cleat with necessary screws & C.P.brass brackets.	1	Each			
28	Providing and fixing G.I. pipes medium grade(Internal & external) complete with G.I. fittings clamps including making chase in walls and making good the wall after housing G.I. pipes, or trenching and refilling as necessary, apply a coat of zinc chromate primer for concealed pipes and two coats of synthetic enamel paint over a coat of zinc chromate primer for exposed pipes and pipes below G.I. to be painted with two coats of anti corrosive bitumastic paint of approved brand and manufacturer and necessary hydrostatic tests etc. complete as per specification and the direction of the Engineer-in-charge.(Tata or Jindal make)					
	a) 15 mm nominal bore	10	M.			
	b) 20 mm nominal bore	10	M.			
	c) 25 mm nominal bore	10	M.			
	c) 32 mm nominal bore	10	M.			
	f) 50 mm nominal bore	50	M.			

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29	Providing and fixing 15 mm nominal bore C.P. Brass bib cock of approved quality.Jaquar make	2	Each			
30	Providing and fixing 15 mm nominal bore stop cock (C.P. Brass) of approved quality.Jaquar make	2	Each			
31	Providing and fixing brass full way valve with wheel of approved quality (screwed end) of 25 mm Leader,Zoloto,Annapurna make	1	Each			
32	c) 25 mm nominal bore Providing and fixing 15 mm nominal bore 45 Cm length PVC connection pipe with C.P. brass unions.	1	Each			
33	Providing and fixing stainless steel Jali (grating) with or without hole for waste pipe for floor/ Nahani trap 100 mm dia.	1	Each			
34	Demolishing cement concrete including disposal of material within 50 Mtr. lead. 1:3:6 or richer mix	10	Cu.M.			
35	Demolishing brick work including stacking of serviceable material and disposal of unserviceable material with 50 mtr.lead. In cement mortar	5	Cu.M.			
36	Providing & fixing water storage tank Sintex make including making necessary connection, Providing of top cover,Brass float valve	1000	Ltr.			

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Item No.	Description of Item	quantity	Unit	Rate in Figures	Rate in words	Amounts
37	Providing and fixing on wall face unplasticized rigid PVC rain water pipes conforming to IS 13592 type A including seal ring including clamp, bend, shoes etc all complete as per specification testing of joints with necessary					
a)	110mm dia	50	M			
b)	Shoes	10	Each			
c)	Bend	10	Each			
38	Providing and fixing 1st quality ceramic glazed wall tiles.....shade complete	25	sqm			
39	Providing and laying rectified glazed ceramic floor tiles 300x300 mm..... complete	10	sqm			
40	Providing and fixing 30mm factory made panel PVC door shutter consisting of frame..... (For WC & Bathroom door shutter)	3.2	sqm			
41	Providing and fixing hand rail MS Tube	500	kg			
	Total quoted value					
	Overall rebate, if any (in words and figures)					
				Net Total Rs.		
	Note : 1) All the rates must be written in figures and words clearly without which tenders are likely to be rejected. 2) All the pages of tender document including price part must be duly signed by the tenderer along with their seal, without which tenders may likely to be rejected.					

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