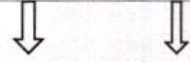


**INDIAN INSTITUTE OF TECHNOLOGY KANPUR**  
**Dean of Infrastructure & Planning**  
**NIT No.- QT/22-05-2024-01**  
**Minor civil maintenance work in Type 5-463**

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SLNo	Description	Qty	Unit	Estimated Rate without GST (Rs)	Estimated Amount without GST (Rs)	Quoted Rate without GST (Rs)	Quoted Amount without GST (Rs)
1	WOOD AND P. V. C. WORK						
2	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately).						
3	Sal wood	0.05	cum	93573.96	4678.70		
4	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows, fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)						
5	Second class teak wood						
6	35 mm thick shutters	12	sqm	3248.09	38977.12		
7	Providing and fixing glazed shutters for doors, windows and clerestory windows using 4 mm thick float glass panes, (weight not less than 10 kg per sqm) fixing with ISI marked M.S. pressed butt hinges bright finished of required size with necessary screws.						
8	Second class teak wood						
9	35 mm thick	4	sqm	3909.16	15636.65		
10	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete.						
11	Fixed to openings /wooden frames with rawl plugs screws etc.	20	kg	173.35	3466.90		
12	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :						
13	250x16 mm	6	each	205.96	1235.77		
14	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868 ) transparent or dyed to required colour or shade, with necessary screws etc. complete :						
15	200x10 mm	6	each	79.61	477.69		
16	150x10 mm	10	each	66.24	662.43		
17	100x10 mm	10	each	51.42	514.25		
18	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :						
19	125 mm	12	each	52.65	631.83		
20	100 mm	10	each	46.69	466.90		
21	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.						
22	Twin rubber stopper	20	each	54.58	1091.63		
23	Providing and fixing wire gauge shutters using stainless steel grade 304 wire gauge with wire of dia 0.5 mm and average width of aperture 1.4 mm in both directions for doors, windows and clerestory windows with necessary screws						
24	35 mm thick shutters						
25	with ISI marked M.S. pressed butt hinges bright finished of required size						



26	Second class teak wood	2	sqm	3932.18	7864.36		
27	Providing and fixing fly proof stainless steel grade 304 wire gauge, to windows and clerestory windows using wire gauge with average width of aperture 1.4 mm in both directions with wire of dia. 0.50 mm all complete.						
28	With 2nd class teak wood beading 62X19 mm	10	sqm	1231.26	12312.58		
29	STEEL WORK						
30	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	10	kg	98.16	981.59		
31	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. as required.						
32	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	10	kg	89.65	896.54		
33	Providing & fixing fly proof wire gauze to windows, clerestory windows & doors with M.S. Flat 15x3 mm and nuts & bolts complete.						
34	Stainless steel (grade 304) wire gauze of 0.5 mm dia wire and 1.4 mm aperture on both sides	6	sqm	851.86	5111.18		
35	Dismantling and Demolishing						
36	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :						
37	Of area 3 sq. metres and below	6	each	103.68	622.10		
38	SANITARY INSTALLATIONS						
39	Providing and fixing water closet squatting pan (Indian type W.C.pan ) with 100 mm sand cast Iron 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:						
40	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	1	each	5069.14	5069.14		
41	Providing and fixing 8 mm dia C.P. / S.S. Jet with flexible tube upto 1 metre long with S.S. triangular plate to European type W.C. of quality and make as approved by Engineer - in - charge.	3	each	262.47	787.42		
42	Providing and fixing CP Brass 32mm size Bottle Trap of approved quality & make and as per the direction of Engineer-in-charge.	4	each	777.07	3108.29		
43	Providing and fixing CP Brass Single lever telephonic wall mixer of quality & make as approved by Engineer in charge. (a) 15 mm nominal dia	4	each	5365.37	21461.46		
44	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.						
45	Semi rigid pipe						
46	40 mm dia	1	each	89.13	89.13		
47	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard boardground fixed to wooden cleats with C.P. brass screws and washers complete.	4	each	1237.31	4949.23		
48	Providing and fixing white vitreous china extended wall mounting water closet of size 780x370x690 mm of approved shape including providing & fixing white vitreous china cistern with dual flush fitting, of flushing capacity 3 litre/ 6 litre (adjustable to 4 litre/ 8 litres), including seat cover, and cistern fittings, nuts, bolts and gasket etc complete.	1	each	11430.56	11430.56		
49	WATER SUPPLY						
50	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete :						
51	20 mm nominal bore	1	each	348.49	348.49		
52	Providing and fixing unplasticised PVC connection pipe with brass unions :						
53	45 cm length						
54	15 mm nominal bore	12	each	74.66	895.92		
55	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.	750	per litre	8.52	6390.00		
56	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :						



57	15 mm nominal bore	4	each	380.71	1522.84		
58	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms.						
59	15 mm nominal bore	3	each	621.13	1863.39		
60	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931						
61	15mm nominal bore	20	each	438.71	8774.22		
62	Providing and fixing C.P. Brass extension nipple (size 15mmx50mm) of approved make and quality as per direction of Engineer-in-charge.	30	each	54.10	1622.97		
63	MINOR CIVIL MAINTENANCE WORK:						
64	"P/F C.P brass towel rod complete with two C.P.brass brackets fixed to wooden cleats with C.P. brass screws of approved quality size of 600 x 20 mm.	3	Each	457.52	1372.56		
65	"Providing and fixing C.P. grating with or without hole for waste pipe for floor/ nahani trap 100 mm dia. weight not less than 100 grams.	12	Each	51.62	619.41		
66	"Providing and fixing C.P flange for C.P bib cock/C.P angle stop cock.	30	Each	29.33	879.88		
67	"Providing and fixing C.P Brass shower rose 15 mm or 20 mm inlet with shower arm (a) 75 mm dia fancy type.	3	Each	586.56	1759.68		
68	"Providing and fixing C.P. waste 32 mm dia of make L&K for wash basin / sink.	3	Each	305.01	915.02		
69	"Providing and fixing white vitreous china oval type wash basin of size 550 x 480 with 15mm C.P brass pillar tap, 32mm C.P brass waste of standard pattern.	3	Each	4461.35	13384.05		
70	"Providing and fixing C.P soap dish etc. complete.	3	Each	387.13	1161.39		
71	"Providing and fixing C.P connection for gyser (15 x 450) mm with nut and washer.	6	Each	340.20	2041.21		
72	Providing and fixing C.P basin mixer of 15 mm nominal bore (L&K) make etc. complete	4	Each	2522.20	10088.80		
73	Providing and fixing C.P. hand spray (heath faucet) jaquar make or equivalent with push button control and flexible hose connection with C.P hook complete in all respects.	3	Each	1730.35	5191.04		
74	Providing and fixing 15 mm nominal bore C.P brass two way bib cock of L&K or approved equivalent make etc. complete	3	Each	1284.56	3853.68		
75	Providing and fixing 15 mm nominal bore two way angle valve of make L&K or approved equivalent make.	3	Each	1284.56	3853.68		
76	Providing and fixing 75mm transparent rubber buffers with washers and necessary screws etc. complete (best make of approved quality)	12	Each	36.83	441.91		
77	Providing and fixing CP Nozzle cock 15 mm dia of approved make.	1	Each	709.74	709.74		
78	Providing and fixing aluminium door seal 3 feet long with screw etc.	10	Each	195.31	1953.09		
79	Providing and fixing C.P Brass toilet paper holder Jaquar make :	3	Each	1586.19	4758.57		
				Estimated Amount (A) =	216925.00	Quoted Amount (B) =	Rs.
				Percentage (%) =	$\frac{B-A}{A} \times 100$		

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Dean, Infrastructure and Planning