

Original Estimate

N/W	Repair and renovation of Security post and construction of temporary shed at IIG Panvel Campus.				
SLNo	Description	Qty	Unit	Rate	Amount
1	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
1.1	1:2:4 (1 Cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 40 mm nominal size derived from natural sources)	2	cum	7780.30	15,561
2	Providing and fixing in position factory made precast RCC M-40 fixing with hold fast embedded in 1:3:6 concrete block for doors and windows frames having excellent smooth finish as per IS: 6523 with reinforcement of 3 Nos, 6 mm dia main bars tied with 3 mm M.S stirrups placed @ 200 mm C/C and 6 numbers high strength polymer blocks of required size for fixing hinges including providing 6 no specially designed M.S. galvanised sleeves for accomodating 6 mm dia fully threaded bolts for fixing hold fast on vertical members, providing suitable arrangement for recieving sliding door bolts and tower bolt etc. all complete, as per the direction of Engineer-in-charge. The frame shall be measured in running metre correct to two places of decimal.				
2.1	Door frame 100 mm x 60 mm	5	metre	757.10	3,786
3	Providing and laying Autoclaved Aerated concrete (AAC) blocks masonry with 150mm/230mm/300 mm thick with Grade-I AAC blocks of density 551 to 650 kg/ cum conforming to IS: 2185 (Part 3) in super structure above plinth level up to floor V level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge. (The payment of RCC band and reinforcement shall be made for seperately).	2	cum	8333.65	16,667
4	Providing and fixing Ist quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	10	sqm	1267.95	12,680
5	8.8 Providing and fixing expansion hold fasteners on C.C. /R.C.C./Brick masonry surface backing including drilling necessary holes and the cost of bolt etc complete.				
5.1	Fastener with threaded dia 10 mm	40	each	40.00	1,600
6	Providing and fixing IS : 12817 marked stainless steel butt hinges with stainless steel screws etc. complete :				
6.1	100X58X1.90 mm	6	each	107.10	643
7	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 :				
7.1	250x16 mm	2	each	260.60	521
8	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 :				
8.1	250x10 mm	1	each	115.15	115

8.2	150x10 mm	2	each	82.55	165	9.97.4
9	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 :					
9.1	100 mm	4	each	59.55	238	9.100.2
10	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.					
10.1	Twin rubber stopper	1	each	72.35	72	9.101.2
11	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. (Steel pipes for trusses & post supplied free of cost by Department.)	600	kg	44.85	26,910	10.2
12	Welding by gas or electric plant including transportation of plant at site etc. complete.	1200	cm	3.70	4,440	10.22
13	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.					
13.1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	425	kg	123.60	52,530	10.25.1
14	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.	1.55	sqm	1330.00	2,062	11.39
15	Fixing UV stabilised fiberglass reinforced plastic sheet/ Polycarbonate sheet roofing, including fixing with polymer coated 'J' or 'L' hooks, bolts & nuts 8mm dia. G.I plain/bitumen washers complete but excluding the cost of purlins, rafters, trusses, sheets etc. (Sheets shall be supplied by Department)	75	sqm	279.80	20,985	12.47
16	Distemping with 1st quality acrylic distemper, having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.					
16.1	One coat	72	sqm	62.70	4,514	13.81.1
17	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :					
17.1	One or more coats on old work	55	sqm	102.80	5,654	13.99.1
18	Finishing walls with Acrylic Smooth exterior paint of required shade :					
18.1	Old work (One or more coat applied @ 0.90 ltr/10 sqm)	82	sqm	80.65	6,613	13.111.2
19	Repair to plaster of thickness 12mm to 20 mm in patches of area 2.5 sqm and under, including cutting the patch in proper shape, raking out joints and preparing plastering the wall surface with white cement based polymer modified self curing mortar, including disposal of rubbish, all complete as per the direction of Engineer-In-Charge.	6	sqm	670.95	4,026	14.75
20	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :					
20.1	Of area 3 sq. metres and below	2	each	143.50	287	15.13.1
21	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.					
21.1	For thickness of tiles 10 mm to 25 mm	50	Sqm	73.40	3,670	15.23.1

22	Dismantling of flushing cistern of all types (C.I./PVC/Vitrious China) including stacking of useful materials near the site and disposal of unserviceable materials within 50 metres lead.	1	each	112.05	112	15.52
23	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	10	sqm	54.65	547	15.56
24	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	5	cum	263.95	1,320	15.60
25	Providing and fixing G.I. chain link fabric fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge.					
25.1	Made of G.I. wire of dia 4 mm	15	sqm	1017.80	15,267	16.70.1
26	Providing and laying matt finished full body vitrified tile of size 300x300x9.8mm or more having with water absorption less than 0.5% and conforming to IS: 15622 of approved make in all colours and shades in for outdoor floors such as footpath, court yard, multi modals location etc., laid on 20mm thick base of cement mortar 1:4 (1 cement : 4 coarse sand) in all shapes & patterns including grouting the joints with white cement mixed with matching pigments etc. complete as per direction of Engineer-in-Charge.	50	sqm	1455.00	72,750	16.89
27	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 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 :					
27.1	W.C. pan with ISI marked white solid plastic seat and lid	1	each	6515.55	6,516	17.2.1
28	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:					
28.1	White Vitreous China Flat back wash basin size 450x 300 mm with single 15mm C.P. brass pillar tap	1	each	1513.60	1,514	17.7.7
29	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete.					
29.1	Flexible pipe, 32 mm dia	1	each	119.55	120	17.28.2.1
30	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :					
30.1	Rectangular shape 453x357 mm	1	each	1361.80	1,362	17.32.2
31	Providing and fixing PTMT towel rail complete with brackets fixed to wooden cleats with CP brass screws with concealed fittings arrangement of approved quality and colour.					
31.1	600 mm long towel rail with total length of 645 mm, width 78 mm and effective height of 88 mm, weighing not less than 190 gms.	1	each	708.95	709	17.73.2
32	Providing and fixing PTMT shelf 440 mm long, 124 mm width and 36 mm height of approved quality and colour, weighing not less than 300 gms.	1	each	713.20	713	17.74

33	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.					
33.1	15 mm nominal dia Pipes	2.5	metre	497.80	1,245	18.8.1
34	Providing and fixing uplasticised PVC connection pipe with brass unions :					
34.1	45 cm length, 15 mm nominal bore	2	each	97.75	196	18.21.2.1
35	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :					
35.1	15 mm nominal bore	1	each	506.80	507	18.49.1
36	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.					
36.1	15 mm nominal bore	1	each	670.45	670	18.52.1
37	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931					
37.1	15mm nominal bore	2	each	574.30	1,149	18.53.1
38	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)					
30.1	30 mm thick	1.5	Sqm	4346.70	6,520	26.87.1
30.2	35 mm thick	1.9	Sqm	5015.35	9,529	26.87.2
	total =				304,485	
	Add Cost Index @15% on DSR items				45,673	
	total =				350,158	

(Rs. Three lakh Fifty thousand One Hundred Fifty Eight Only)

Add _____ % Above / _____ % Bellow the Estimated cost

Tendered Cost (including GST) = Rs.

Name, Sign and Seal of the Agency