

PRICE BID FOR CIVIL AND PLUMBING WORK OF SBI VRM CENTRE AT BISCOUMAN BHAWAN, PATNA

S.No	Item Details	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
(A)	Civil Works				
1	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to 12th floor level in all shapes and sizes in Cement mortar 1:4 (1 cement : 4 coarse sand)	Cum	16.81		
2	Providing half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in cement mortar 1:3 (1 Cement : 3 coarse sand) in superstructure	Sqm	40.00		
3	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete	Sqm	6.50		
4	Providing edge moulding to 18 mm thick marble stone counters, vanities etc., including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge	Meter	6.00		
5	Providing and fixing 1st 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.	Sqm	134.70		
6	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, 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. The tiles must be cut with the zero chipping diamond cutter only. Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				

a	Double charge vitrified tile polished finish of size 600mmx600mm	Sqm	750.00		
b	Double charge vitrified tile polished finish of Size of Tile 1000 x 1000 mm	Sqm	230.15		
7	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.Fixed to steel windows by welding	Kg	30.00		
8	Providing and fixing factory made single extruded WPC (Wood PolymerComposite) solid door/window/Clerestory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58-60 (SuspensionGrade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100gms) fabricated with miter joints after applying PVC solvent cement andscrewed with full body threaded star headed SS screws having minimumframe density of 750 kg/cum, screw withdrawal strength of 2200 N (Face)& 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulusof elasticity 900 N/mm2 and resistance to spread of flame of Class Acategory with property of being termite/borer proof, water/moistureproof and fire retardant and fixed in position with M.S hold fast/lugs/SSdash fasteners of required dia and length complete as per direction ofEngineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall bepaid for separately).Note: For WPC solid door/window frames, minus 5 mm tolerance indimensions i.e depth and width of profile shall be acceptable. Variation inprofile dimensions on plus side shall be acceptable but no extra paymenton this account shall be made. Frame size 45 x 85 mm	Meter	69.30		
9	Providing and fixing factory made single extruded WPC (Wood PolymerComposite) solid decorative type flush door shutter of required sizecomprising of virgin polymer of K value 58-60 (Suspension Grade),calcium carbonate and natural fibers (wood powder/ rice husk/wheathusk) and non toxic additives (maximum toxicity index of 12 for 100 gms)having minimum density of 650 kg/cum and screw withdrawal strengthof 1800 N (Face) & 900 N (Edge), minimum compressive strength 50N/mm2, modulus of elasticity 850 N/mm2 and resistance to spread offlame of Class A category with property of being termite/borer proof,water/moisture proof and fire retardant. WPC to be laminated with PVCfoil of minimum 14 microns thick of approved design pasted with hotmelt adhesive on both faces of shutter and fixing with stainless steel butthings of required size with necessary full body threaded star headedcounter sunk S.S screws, all as per direction of Engineer-In- Charge.(Note: stainless steel butt hinges and necessary S.S screws shall be paidseparately) 35 mm thick	Sqm	22.05		
10	Providing and fixing aluminium die cast body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 35 kg and door width upto 700 mm), withnecessary accessories and screws etc. complete.	Each	14.00		
11	Providing 40x5 mm flat iron hold fast 40 cm long including fixing to framewith 10 mm diameter bolts,nuts and wooden plugs and embeddings incement concrete block 30x10x15 cm 1:3:6 mix (1 cement : 3 coarse sand :6 graded stone aggregate 20 mm nominal size)	Each	84.00		
12	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete.	Each	14.00		
13	Providing and fixing ISI marked oxidised M.S. tower bolt black finish, (Barrel type) with necessary screws etc. complete 250x10 mm	Each	28.00		
14	Providing and fixing bright finished brass handles with screws etc. complete:	Each	28.00		
15	Providing and fixing bright finished brass hanging type floor door stopper with necessary screws, etc. complete.	Each	14.00		
16	12 mm cement plaster of mix 1:4 (1 cement: 4 coarse sand)	Sqm	195.15		
17	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead Of area 3 sq. metres and below	Each	15.00		

18	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	Each	127.96		
19	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.	Sqm	7.00		
20	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.	Sqm	1.65		
Plumbing Work					
1	Providing and fixing on wall face unplasticised - PVC moulded fittings/accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
a	Bend 87.5° 110 mm bend	Each	7		
b	Single tee without door 110x110x110 mm	Each	7		
2	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement: 4 coarse sand) and making good the wall etc. complete. 110 mm	Each	15		
3	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:				
	White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests	Each	1.00		
4	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	W.C. pan with ISI marked white solid plastic seat and lid	Each	9.00		
5	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required :				
	One urinal basin with 5 litre white P.V.C. automatic flushing cistern	Each	9.00		
6	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete				
	Semi rigid pipe 32 mm dia	Each	15.00		
7	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	3.00		
8	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 : Rectangular shape 1500x450 mm	Each	8.00		
9	Providing and fixing toilet paper holder				
	C.P. brass	Each	9.00		
10	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: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	7.00		

11	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required :Kitchen sink with drain board 510x1040 mm bowl depth 250 mm	Each	1.00		
12	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 onestep 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 wall etc.				
a	15 mm nominal dia Pipes	Meter	85.00		
b	20 mm nominal dia Pipes	Meter	60.00		
c	25 mm nominal dia Pipes	Meter	20.00		
d	32 mm nominal dia Pipes	Meter	20.00		
13	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :				
	20 mm nominal bore	Each	3.00		
14	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete				
	20 mm nominal bore	Each	5.00		
15	Providing and fixing uplasticised PVC connection pipe with brass unions : 45 cm length 15 mm nominal bore	Each	17.00		
16	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (Newwork) :				
	20 mm nominal bore	Each	5.00		
16	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	litre	1.00		
17	Providing and fixing C.P. brass long body bib cock of approved quality conforming to IS standards and weighing not less than 690 gms				
	15 mm nominal bore	Each	5.00		
18	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931				
	15mm nominal bore	Each	16.00		
19	Providing and fixing PTMT grating of approved quality and colour. Circular type 100 mm nominal dia	Each	6.00		
Total Amount excluding GST					