

NAME OF WORK: CONSTRUCTION & INTERIOR WORK OF SBI ATM AT INFORMATION TECHNOLOGY INSTITUTE FOR THE TRIBES (ITITI) OPP. VIGYAN DHAM, VIDYA MATA RAJ RANI MARG, JHAJRA (DEHRADUN DISTT.)

S. NO.	BRIEF DESCRIPTION OF ITEM	QTY.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Demolishing brick work in cement mortar, manually/by mechanical means including stacking of serviceable material and disposal of unserviceable material away to authorized municipal dumpyard.	3.5	Cu.mt.		
2	Earthwork in excavation by mechanical means (Hydraulic excavation)/manual means for foundation of Brick wall including getting out and disposal of surplus excavated earth, if required – All kinds of soil	13	Cu.mt.		
3	Providing & Laying in position cement concrete of specified grade excluding the cost of centering and shuttering – All works upto plinth level. - In 1; 3 ; 6 (1 cement : 3 coarse sand; 6 graded stone aggregate 40 mm nominal size)	8	Cu.mt.		
4	Earth filling back in foundation, plinth, under floor from the available earth as per item 2 above, including ramming, consolidating, watering etc. complete.	13	Cu.mt.		
5	Brick work with common burnt clay FPS (non-modular) bricks of class designation 7.5 in foundation, plinth and superstructure above plinth level upto floor V level in all shapes and sizes in cement mortar 1 : 6 (1 cement : 6 coarse sand).	12	Cu. Mt.		
6	Providing upto 15 mm thick cement plaster on Brick wal, ceilinl with mix 1 : 6 (1 cement : 6 fine sand).	100	Sq. Mt.		
7	Filling available malba under floor including ramming, consolidating, watering, etc. complete	5	Cu.Mt.		
8	Filling available brick bats under floor, ramming, consolidating, watering, etc. complete.	3	Cu.mt.		
9	Finishing walls with Acrylic Smooth exterior paint of required shade New work two or more coats applied @ 1.67 litre / 10 sqm over and including priming coat of exterior primer applied @ 2.20 kg / 10 sqm.	50	Sq. Mt.		
10	Distempering with Oil Bound Washable Distemper of approved brand and manufacture to give an even shade New work – two or more coats over and including water thinnable priming coat with cement primer.	60	Sq. Mt.		
11	Providing & laying damp-proof course 40 mm thick with cement concrete 1:2:4 (1 cement : 2 coarse sand: 4 graded stone aggregate 12.5 mm nominal size)	4	Sq.mt.		
12	Providing & applying a coat of residual petroleum bitumen of grade VG-10 of approved quality using 1.7 Kg/Sq.m on damp proof course after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oils.	4	Sq.mt.		
13	Providing and applying two or more coats of Synthetic Enamel Paint of approved make and shade over a coat of primer as per manufacturer's specifications. The item is inclusive of scrapping, levelling and preparing the surface before applying primer etc. complete. (Make: Asian/ Berger/ Nerolac/ Dulux).	25	Sq.Mt.		
14	Reinforced cement concrete work in Slab above plinth	3	Cu.Mt.		

	level upto floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1: 2 : 4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size)				
15	Centering and shuttering including strutting, propping, etc. and removal of form for all heights				
a	Foundation, footing, bases of columns, etc.	5	Sq.M		
b	Slab	20	Sq.M		
16	Steel reinforcement for RCC work including straightening, cutting, bending, placing in position and binding all complete above plinth level – Cold twisted bars	350	Kg		
17	Providing gola 75 X 75 mm in cement concrete 1 : 2 : 4 (1 cement: 2 coarse sand: 4 graded stone aggregate 10 mm and down gauge), including finishing with cemeortar 1:3 (1 cement ; 3 fine sand) as per standard design : In 75 X 75 mm deep chase	20	M		
18	Painting top of roof with bitumen of approved quality @ 17 kg per 10 sqm impregnated with a coat of coarse sand at 60 cudm per 10 sqm, including cleaning the slab surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil complete with residual type petroleum bitumen of grade VG-10	20	Sq.Mt.		
19	10 cm thick (average) mud phaska of damped brick earth on roofs laid to slope consolidated and plastered with 25 mm thick mud mortar mixed with bhusa @ 35 kg/cum of earth and gobri leaping with mix 1:1 (1 clay : 1 cow dung) and covered with flat tile bricks, grouted with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 2% of integral water proofing compound by weight of cement and finished neat : with common burnt clay FPS (non modular) brick tile of class designation 10	20	Sq.Mt.		
20	Making khurras 45 X 45 cm with average minimum thickness of 5 cm cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) over PVC sheet 1 m X 1 m X 400 micron finished with 12 mm cement plaster 1:3 (1 cement : 3 coarse sand) and a coat of neat cement, rounding the edges and making and finishing the outlet complete.	1	Each		
21	Providing & fixing PVC 100 mm dia and 60 cm long rain water spout in cement mortar 1 : 4 (1 cement : 4 fine sand)	1	Each		
22	Providing and fixing in position Aluminium Composite Paneling (ACP) with framing of aluminium tube sections of min. 50 mm X 25 mm and 20 gauge at a spacing of 600 mm center to center both ways. ACP to be in 600 mm width panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws. Joints to be finished with silicon based sealant. ACP sheets to be min. 3mm thick with aluminum foil thickness to be min. 0.25mm on both sides. Item includes providing additional sections to fix indoor AC units which will be installed at the highest position. (Make: Alubond/ Eurobond/ Fujibond/ Alcobond).	20	Sq. Mt.		
23	Providing and fixing Partition for backroom made up of Aluminium Composite Panel (ACP) sheets only on the ATM side with framing of aluminium tube sections of min. 50 mm X 25 mm and 20 gauge at a spacing of 600 mm	8	Sq. Mt.		

	center to center both ways. ACP to be in 600 mm width panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws. Joints to be finished with silicon based sealant. ACP sheets to be min. 3mm thick with aluminum foil thickness to be min. 0.25mm on both sides. Item also includes providing a door of size 900 mm X 2100 mm for the backroom made up of Aluminium Composite Panel (ACP) sheets only on the ATM side with framing of aluminium tube sections as specified above along with Godrej make heavy duty lock, 3 numbers 75 mm SS hinges, handles etc. complete. (Make: Alubond/ Eurobond/ Fujibond/ Alcobond).				
24	Providing and fixing powder coated Aluminium Louvers of approved shade in aluminum partition and door of backroom including all accessories required for installation of the louvers etc. complete.	0.3	Sq. Mt.		
25	Providing and laying digital series and double charged glossy Vitrified Floor Tiles 600 mm X 600 mm (thickness as per manufacturer of approved make) of approved make, shade, finish (matching with existing flooring) with water absorption less than 0.08% and conforming to IS: 15622 laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) including grouting the joints with white cement and matching pigment etc. complete. For flooring and skirting (Make: Kajaria/ Johnson/ NITCO/ Somany).	15	Sq. Mt.		
26	Supplying and fixing rolling shutters of approved make, made of required size M. S. laths, interlocked together through their entire length and jointed together at the ends by end locks, mounted on especially designed pipe shafts with brackets, side guides and arrangement for inside and outside locking with push and pull operation complete, one garrage lock on floor, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS 4454-Part-1 and M. S. top cover of required thickness for rolling shutters. : 80 X 1.20 mm M.S. Laths with 1.20 mm thick top cover.	9	Sq.M		
27	Providing and fixing plain non perforated metal sheet GI tiles Armstrong Grid False Ceiling of size 600mm x 600mm having ceiling sections at 600 mm center to center both ways duly fixed with screws. The grid work to be suspended from ceiling with hangers at every 600 mm center to center in both directions. The framework to be as per manufacturer's specifications. Item includes providing extra support for fixing light fixture etc. complete.	11	Sq. Mt.		
28	Providing and fixing glazed Aluminium Door of size 900 mm X 2100 mm made up of 83.5mm wide vertical members, 85-90mm wide top and bottom members and 83.5mm wide middle member. Members to be of aluminium with powder coating and of black shade. Thickness of the section of the aluminum sheet forming the members to be not less than 1.5mm. Item includes providing 8mm thick clear float glass of Modifloat/ Saint	2	Sq. Mt.		

	Gobain/ Asahi make in the aluminum door along with all accessories as may be required. Item also includes providing Godrej/ Dorma/ Haffle make 100kg weight floor spring with 0.3 million cycles rating along with pivot of same make on top and Godrej make heavy duty lock in the aluminum door. Item includes providing wool pile/ weather strip on the un-pivoted vertical member of the door and a customized door handle of approved colour to fit on the aluminium sections etc. complete.				
29	Providing and fixing fixed Aluminium Glazing of required size as per site made up of 83.5mm wide vertical members, 85-90mm wide top and bottom members and 83.5mm wide middle member. Members to be of aluminium with powder coating and of black shade. Thickness of the section of the aluminum sheet forming the members to be not less than 1.5mm. Item includes providing 5mm thick clear float glass of Modifloat/ Saint Gobain/ Asahi make in the aluminum door along with all accessories as may be required etc. complete. (The rate to include making opening for SWAYAM machine with aluminium frame as desired).	3	Sq. Mt.		
30	Providing and fixing Shutter Boxing for rolling shutter made up of Aluminium Composite Panel (ACP) sheets only on the outer visible side with framing of aluminium tube sections of min. 50 mm x 25 mm and 20 gauge at a spacing of 600 mm center to center both ways. ACP to be in 600 mm width panels or distributed equally. ACP sheets to be fixed to the frame with 3M make adhesive along with mirror screws. Joints to be finished with silicon based sealant. ACP sheets to be min. 3mm thick with aluminum foil thickness to be min. 0.25mm on both sides. Item includes providing trap door of required size in the bottom of the shutter boxing made up of Aluminium Composite Panel (ACP) sheets only on the outer visible side with framing of aluminium tube sections as specified above along with Godrej make heavy duty tower bolts, required numbers of 75 mm SS hinges, handles etc. complete. Item includes providing additional sections to fix LED down-lighters which will be installed at the required position. (Make: Alubond/ Eurobond/ Fujibond/ Alcobond).	5	Sq. Mt.		
31	Steel work welded in built-up sections/framed work, including cutting, hoisting, fixing in position using structured steel, etc. as required. In gates	50	Kg		
	TOTAL*				

*GST extra as applicable

**SIGNATURE OF CONTRACTOR
WITH RUBBER SEAL**