

NAME OF WORK :- PROVIDING AND FIXING OF PORTABLE ATM CABIN , B WARD ,BYCULLA , MUMBAI.

ABSTRACT

Sr. No	Items of Work	Quantity	Rate	Unit	Amount
1	Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to a distance of 50 m. beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 0.00 to 1.50 m.) By Manual Means	8.64		Cum	
2	Providing dry/ trap/ granite/ quartzite/ gneiss rubble stone soling 15 cm to 20 cm thick including hand packing and compacting etc. complete.	2.35		Cum	
3	Providing and laying Cast in situ/Ready Mix cement concrete in M-10 of trap/ granite/ quartzite/ gneiss metal for foundation and bedding including bailing out water, Steel centering, formwork, laying/pumping, compacting, roughening them if special finish is to be provided, finishing if required and curing complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	2.47		Cum	
4	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite/quartzite/ gneiss metal for R.C.C. work in foundations like raft, strip foundations, grillage and footings of R.C.C. columns and steel stanchions etc. including bailing out water, Steel centering, formwork ,cover blocks, laying/pumping, compaction and curing roughening the surface if special finish is to be provided (Excluding reinforcement and structural steel) etc. complete, with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1.20		Cum	

5	Providing and laying Cast in situ/Ready Mix cement concrete M-25 of trap / granite /quartzite/ gneiss metal for R.C.C. columns as per detailed designs and drawings or as directed including steel centering, formwork, cover blocks, laying/pumping, compaction finishing the formed surfaces with cement mortar 1:3 of sufficient minimum thickness to give a smooth and even surface or roughening if special finish is to be provided and curing etc. complete,(Excluding reinforcement and structural steel).with fully automatic micro processor based PLC with SCADA enabled reversible Drum Type mixer/ concrete Batch mix plant (Pan mixer) etc. complete. With fine aggregate (Crushed sand VSI Grade)	1.55		Cum	
6	Providing and fixing in position TMT - FE - 500 bar reinforcement of various diameters for R.C.C. pile caps, footings, foundations, slabs, beams columns, canopies, staircase, newels, chajjas, lintels pardis, copings, fins, arches etc. as per detailed designs, drawings and schedules. including cutting, bending, hooking the bars, binding with wires or tack welding and supporting as required complete.	0.40		MT	
7	Providing second class Burnt Brick masonry with conventional/ I.S. type bricks in cement mortar 1:6 in foundations and plinth of inner walls/ in plinth external walls including bailing out water manually , striking joints on unexposed faces, raking out joints on exposed faces and watering etc. Complete.	2.98		Cum	
8	Providing sand faced plaster externally in cement mortar using approved screened sand, in all positions including base coat of 15 mm thick in cement mortar 1:4 using waterproofing compound at 1Kilogramper cement bag curing the same for not less than 2 days and keeping the surface of the base coat rough to receive the sand faced treatment 6 to 8 mm thick in cement mortar 1:4 finishing the surface by taking out grains and curing for fourteen days scaffolding etc.complete.	14.76		Sqm	
9	Filling in plinth and floors with approved excavated material in 15cm. to 20cm. Layers including watering and compacting etc. complete.	5.47		Cum	
10	Filling in plinth and floors with contractors material/brought from outside and approved by Engineer incharge in layers of 15 cm to 20 cm including watering and compaction etc. complete.	5.45		Cum	

11	Providing and fixing machine cut machine polished 18 mm to 20 mm thick jet black granite stone for treads and risers of steps and staircases of approved colour and shade with full moulding and three grooved line for the treads on bed of 1:4 Cement mortar including float filling joints with neat cement slurry curing polishing and cleaning etc. complete.	2.25		Sqm	
12	Providing and laying 16-20 mm thick and 75mm wide strips of rough jet black Granite stone (or equivalent) of approved colour, on ramp to get anti-skid effect including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, machine cutting, dressing, leveling, jointing, filling the joints with neat cement slurry or with required pigment, curing, finishing etc. complete as directed by Engineer-incharge.	9.00		Sqm	
13	Providing and laying polished 18 mm thk. jet black granite stone as specified below (Machine cut) of an approved quality and size for paving /flooring in plain and/or diamond /approved pattern including cement mortar bedding of 25 mm thick in 1:4 proportion, cement float, machine cutting, dressing, leveling, jointing, filling the joints with neat cement slurry or with required pigment, machine polishing at site, curing, finishing, etc complete as directed by Engineer In Charge.	12.24		Sqm	
14	Providing and Fixing of ATM Porta Cabin of 8' X 8' X 8'6" Size . Outside Panelling :- M.S. Sheet 1.2 mm thick (JSW , TATA , ESSAR) & 4 mm Thk Aluminium Composite Panel. Inside Panelling :- 4 mm Thk Aluminium Composite Panel . Roof Outside :- M.S. Sheet 1.2 mm thick (JSW , TATA , ESSAR) properly Sloped and Water Tight . The Roof Will have provision of fixing of signages at all four sides. Insulation :- Glass wool Density of 32 kg/Cum , Side Wall :- 25 mm , Ceiling :- 50 mm Bottom Flooring:- 18mm cement board With Vinyl Flooring. Front Glass :- It will be supported with frame .Doors will be 12 mm Toughned Glass . One way vision print will be pasted on the glass . Rolling Shutter :- Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15 mm thickness reinforced with 35 x 35 x 5 mm angle section fitted with sliding bolts and handles for both sides, deep M.S. channel section of depth and thickness not less than 65 mm and 3.15	1.00		No.	

	<p>mm respectively with hold fast arrangements, M.S. Bracket plate 300 x 300 x 3.15 mm minimum size and shape with square bar, suspension shaft of minimum 32 mm diameter, hood cover of M.S. sheet not less than 0.9 mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheels and worms of high grade cast iron or mild steel and one coat of red lead primer etc. complete. (I.S. 62481979) Without Gear. False Ceiling :- Providing & Fixing False Ceiling comprising of following material including fixing in galvanized steel sections with white color coated cap comprised of main tee 34 mm x 24 mm (heavy duty as per ASTM C - 635 standard tested) with pre-punched cross tee slots (at every 100 mm c/c) to be placed at 1200 mm c/c, suspended with 4 mm GI (TATA MAKE) straightened wire at every 1.2 mtr, other end of the wire provided with GI J hook & nut. All the false ceiling panels around the perimeter of the false ceiling & around the RCC columns shall rest on the perimeter G.I. molding of size 19 mm x 19 mm which is fixed to the walls with help of rawal plug & GI screw at the same level as false ceiling. The cross tee of 1200 mm length (26 mm x 24 mm wide Heavy duty) shall be locked in main tee at every 600 mm c/c. to form grid of 600 x 1200 mm. Further 600 mm long tee need to be locked in to 1200 mm tee to make the final grid of 600 mm X 600 mm, including making provision for cutouts and / or trap door for electrical and mechanical systems, etc complete as directed by Engineer In charge. With Armstrong or equivalent Orcal Lay in metal ceiling System consisting of 600x600mm Lay in tiles of pre coated galvanised steel in 0.5/0.4 mm thickness in white colour with standard perforation of 2.5mm dia & open area of 16%. The back of the tile should have black acoustical fleece with NRC of 0.70 & CAC 36 with life time warrantee against sag in module size 595 mm X 595 mm at required height above FFL. other details as per Architectural Drawings</p>				
15	<p>Providing and fixing 50mm diameter and 1.5 mm thick vertical and top Stainless steel hand railing in S.S.304 Grade with Stainless steel square / circular pipe bracing of size 32 mm x 32mm x 1.5 mm in 3 rows including fabricating , fixtures, erecting,</p>	13.00		Rmt	

	necessary welding, grinding, finishing, buffing to stainless steel pipe etc. complete				
16	Providing and fixing Backlit Signage Board with MS Framing including Electronic choke light fitting with 12 tube lights ,HD Print Backlit star Flex Printing	3.00		No.	
17	Anchor/Legrand/Havells crabtree make concealed switches/sockets and Polycab /RR Fire guard cables ; 3-phase 4-way incoming power distribution board (MDS/Indo Asian or equivalent make) from 63A main switch connected to meter and single phase UPS output with requisite wiring .All cables to be drawn through PVC Conduits .All the Electrical & data cabling must terminate in concealed side panel inside storage cabinates. Details of power /Electrical sockets:- Havells Crabtree , ANCHOR make concealed type switches /sockets and Polycab /RR Fire guard cables; UPS Sockets are 2 nos.5/15 AMPS for ATM , 5 Nos 5 Amps(5pin socket) each one for Accesslock,Router and switch and 2 nos Spare 4nos Metal clad with 20AMPS MCB , 2 nos of power electrical sockets /2 Nos. AC Sockets /2 Nos. for DVR and 3 No. for Backlit Board also includes wiring of Mains through UPS. Auto Failure wiring , UPS Having incoming/ Outgoing power supply through OA heavy duty metal clad industrial plug sockets with MCBs ; UPS to have single phase input and single phase output	1.00		No.	
18	Point wiring for light/bell concealed type in min 20 mm FRLS grade HMS PVC conduit with 1.5 sq.mm. (2+1E) FRLSH grade copper wires, modular type switch, earthing and required accessories as per specification No: WGPW/ CW	4.00		No.	
19	Supplying and erecting LED square / circular Max. 18 W down lighter/ Panel Light having pressure die-cast aluminium housing, polystyrene diffuser having system lumens output of Min. 2000 Lumens, min. efficacy of 110 lumen/W, CRI>80, CCT upto 6500K, Beam Angle of 120 deg., max. ripple of 5%, THD<10%, p.f. >0.95, operating range of 120-270V, surge protection of 2.5 kV, Life class of 50,000 Hrs. at L70B50, including driver, having mounting arrangement with board for surface type or spring loaded mounting clips complete with 3 years warranty.	4.00		No.	

20	Supplying, erecting, testing and commissioning of 3kVA capacity online pure sine wave with backup time of 2 hrs. PWM & IGBT based UPS with 0.8 to unity output pf, single phase input & 1 phase output complete with all protections as per specification no. AP-UPS	1.00		No.	
21	Supplying and erecting 12V/42Ah tubular battery with battery terminal wire, duly charged with 36 months warranty complete.	8.00		No.	
22	Supplying, installing, testing & commissioning split type AC with minimum 3 to 1 convertible mode for compressor, room air conditioning unit 1.0TR to 1.2TR capacity having ISEER minimum 5.00 suitable to operate on 250V, 50 Hz, A.C. supply having 1 no of air handling unit hi-wall/floor mounting type complete with refrigerant R32 having copper condenser, minimum 2.5PM filter, self diagnosis feature, stabilizer free operation & temperature display on indoor unit, noise level maximum 50dBA at position as per specification MAKE DAIKIN : MODEL FTL 35 (1 TR. SPLIT AC) NON INVERTER	2.00		No.	
23	Supplying, installing, testing & commissioning 2 AC Timer with digital temperature Controller	1.00		No.	
24	Supplying & erecting Carbon Dioxide (CO2) fire extinguisher of 4.5 kg. capacity cartridge type conform to IS 2878 /15683 complete erected with necessary clamp made from 50 x 6 mm. M. S. flat with nut & bolts routed in Side wall complete	1.00		No.	
25	300mm x 300mm Copper plate earthing stations with earthing resistance less than 1 ohm, 1 earthing station for ATM ;earthing wires to be drawn from earthstation to ATM including wiring PVC Pipes, excavation and backfilling complete with compaction of soil .	1.00		No.	
26	supplying, installing, commissioning & testing of 2.4MP Full HD Dome Camera with night vision functionality with range up to 30 meters. Camera construction shall be suitable for weather proof outdoor installation.	3.00		No.	
27	Supplying and erecting 4 channel Digital Video Recorder of Approved Make.	1.00		No.	
28	Supplying ,installing ,Configurating & Commisioning of Enterprise Hard Disk Drive 4TB SEAGATE	1.00		No.	

29	Supplying ,installing ,Configurating & Commisioning of 4 PORT double uplink POE Switch	1.00		No.	
30	Supplying and installing cat-6 cable suitable for networking as per specification no. WG-COC/NC	25.00		Mtr	
31	Supplying, installing and testing UTP connector (RJ-45) as per specification No. WG-NAS/UTPC.	6.00		No.	
32	Supplying and fixing 4 U wall mount rack	1.00		No.	
33	Supply,installtion,Testing & Commisioning of CCTV Professional 24X7 Operation ,365 days ,Wall Mount 22" Full HD Flat LED TV /Monitor Having 1VGA & 2 HDMI Ports with wall Mount Accessories .	1.00		No.	
34	Supply ,Installation And Comissioning of HDMI Cable 10 Mtrs (Make Extron/Aten /MX)	1.00		No.	
	Total				
	GST				
	GRAND TOTAL				

GRAND TOTAL IN WORDS RS.

SIGN & SEAL