SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
1	20.00	PARTLY GLAZED FULL HEIGHT PARTITION				
	20.00	Providing & fixing partly glazed full height partition with 8mm thick float glass fixed (with 3mm thick beechwood beading of melamine clear glossy finish) to the double skin partition made of Al. Square Tube 20 gauge of size :- 2"x 2" (2'0" c/c) & 6 mm thick BWR grade plywood ( Green/Century/Prestige) finished with 1 mm thick lamination(Merino/Green) of approved colour& pattern on both sides. The double skin partition is up to 3'Ht and the balance glass portion is up to 7'0" with 6mm clear glass .The balance up to false ceiling is double skin partition of 1 mm thick laminate finish on both sides as per the design.				
		Skirting for a height of 10cm with 12mm thick planks of teak wood finished with melamine matt polish to be provided. Provide fully glazed door made of 40 mm thick BWR grade flush board with 1 mm thick laminate finish on both sides & 8 mm thick float glass fixed with beechwood beading of melamine clear glossy finish matching with the glass partition as per the drawing given including 1 no door with 40mm block board with 1mm lamination on both sides matching with the partition with 3mm thick beech wood lopping.				
		The door to be fixed with door closer (Everite/Ebco), brush steel handle & mortise lock (Godrej/Ebco), door stopper of approved make heavy duty SS hinges as per the material specification.				
2		(Note :- In case of false ceiling, the vertical Al.Square Tube frame to be fixed to the RCC ceiling but the area of the partition payable will be below the false ceiling only). Front Side Glazing with Door	$M^2$			
	4.00	Entrance door made of Powder coated Aluminium Twin style frame 20 Gauge frame work of size: 10 x 4.5 cm for top & bottom with 12 mm thick edge polished glass upto 7'0" height. The glazed portion shall be provided with frosted film/ etching & Company logo of coloured vinyl sticker as per the design.				
		The door to be fixed with floor spring(Ozone/Dorma Make) SS handle of (450 mm long of 'C' shape), lock of approved make ( Godrej /Ebco) as per the design given in the detailed drawing.	$M^2$			

SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
3	7.00	Counter partitions The partitions are made of 12mm thick glass for a height of 45cm above the solid partiton as per the drawing				
		The bottom portion of the partition is of double skin type for a height of 75cms. In the frame work verticals and horizontals are made of country wood 5cmx 5cm to a max. distance of 60cm centre to centre .				
		Frame work is covered with 6 mm thick marine grade plywood (IS 303) on both sides and finished with 1.0 mm thick laminate of approved make. The partition is firmly fixed to the floor. Teak / Beech wood polished beadings/ grooves in laminate etc to be provided as shown in the drawing.				
		Skirting for a height of 10cm with 12mm thick planks of teak wood finished with melamine matt polish to be provided. The edges of the glass to be polished.	$M^2$			
4	5.50	Double Skin Solid Partition Providing & fixing fully blocked double skin partitionupto RCC ceiling with Al. Square tube of size 2"x2"frame work 20 gauge at a distance of - (2'0" c/c) & 6 mm thick BWR grade plywood(Green/Prestige/Century) finished with 1 mm thick lamination of approved colour& pattern (Merino/Green)on both sides as per the design given in the detailed drawing	$M^2$			
4a		Double Skin Solid Door				
	5.00	Door is to be provided with country wood frame of size 3.81cmx5cm alround and intermediates at 60cmc/c and it is covered with 6mm thick marine grade plywood on both sides and finished with 1mm thick laminate.Necessary grooves in laminate to be provided.				
		A 8 mm thick glass is provided at a height of 125cm from bottom.Necessary Fittings such as 4Nos. 125 mm Anodised Aluminium Butt hinges, 1No. godrej lock of approved make , 1 pair of stainless steel handle to each shutter, automatic hydraulic door closer etc. to be provided. Skirting for a height of 10cm with 12mm thick Teak wood planks finished with melamine matt to be provided.	M <sup>2</sup>			

SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
5		Semi partition glazed on table top				
6	3.50	The partitions are made of 12mm thick glass to be fixed firmly to the beech/teak wood frame of size 5x5cm polished with melamine matt finish as shown in the drawing for a height of 45 cm above the solid partiton. A slit of size 30x10 cm to be provided for cash transaction. <b>Cupboards</b>	M <sup>2</sup>			
		The width and height of the cupboard is shown in the drawing. The frame work is with country wood of size 5x5cm at 60cm c/c and 6mm thick marine plywood is screwed to this frame work on the rear side. All other horizontal and vertical partitions are made of 19mm thick marine plywood (IS 303).				
		The front portion of the cupboard is to be provided with openable shutters using 19mm thick marine plywood finished and all the exposed faces are finished with 1 mm laminate and the inner portion is painted with 2 coats of enamel paint over a coat of wood primer as shown in the drawing				
		75mm brass hinges, locks of approved make, ball catches, handles etc should be provided. Teak / Beach wood polished beadings with melamine matt finish are to be provided at ends and all joints and necessary grooves in laminate to be given.Skirting for a height of 10cm with 12mm thick Teak wood planks finished with melamine matt finish.				
6a	8.00	Low Height Cupboard	$M^2$			
7		False Ceiling (Plain Gypsum Board )				
	100.00	Providing and fixing suspended false ceiling, which includes providing and fixing G.I perimeter channels of size 27mm, 0.5mm thick having one flange of 20mm and another flange of 30mm along with perimeter of ceiling, screw fixed to brick wall / partition with the help of nylon rawl plugs and screws.				
		Then suspending G.I intermediate channels of size 45mm, 0.9mm thick with two flanges of 15mm each from the soffit at 1200mm centres in one direction and 600mm in other with ceiling angle of width 25x25x0.5mm thick fixed to soffit with G.I cleat & steel expansion fastners.				

SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
		Ceiling section of 0.5mm thickness having knurled wedge of 51.5mm and flanges of 26mm each with lips of 10.5mm are then fixed to intermediate channel with the help of connecting clips and in direction perpendicular to the intermediate channel at 457mm centres.12.5mm tappered edge Moisture resistant gipboard is then screw fixed to ceiling sections with 25mm dry wall screw at 230mm centres.				
		Screw fixing is done mechanically either with screw driver or drilling machine with suitable attachment.Finally the tapered and square edges of the boards are jointed and finished to a flush with requisite jointing compound, tapes and finished with 2 coat putty and 2 coats of plastic emulsion paint with roller brush of approved colour to match the interior over the approved primer				
		Necessary steppings and cuttings for electrical fittings, security devices, fire fighting equipments etc. as per the directions at site and arrangements for fixing the electrical and other fittings are to be provided. (Refer ceiling plan).	$M^2$			
8	1.00	Table for Manager 180x90x75 cm Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century) of approved colour & pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification. All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make &colour. 12 mm thick glass to be provided for table top and edges of the glass to be polished.	No.			

SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
NO. 9		Table for Officer 150x75x75 cm				
10	3.00	Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century)of approved colour& pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make &colour.	No.			
10		Table for Officer 140x80x75 cm				
	2.00	Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century)of approved colour& pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification. All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make & colour.				
			No.			
11	1.00	Table for CASH 150X90X75 CM Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century)of approved colour& pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make & colour. 12 mm thick glass to be provided for table top and edges of the glass to be polished.	No.			

SI. No.	Qty.	Description	Unit	Rate	Rate in words	Amount
12		Table for Assistant 130X90X75 CM				
	3.00	Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century)of approved colour& pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make &colour.	No.			
13		Table 120x80x75 cm	NO.			
	1.00	Providing & fixing of tables made of 19 mm thick BWR grade plywood (Green/Prestige/Century) make) on top and all sides finished with 1 mm thick lamination (Merino/Green/Century)of approved colour& pattern as per the design. The table is provided with 3 no. of drawers with draw channel, multi purpose lock, 4" long brush steel handle, 1 keyboard pullout with sliding channel, cable manager of approved make as per the material specification All exposed edges of plywood to be finished with 3mm thick white beechwood lipping of melamine clear glossy finish. All inside portions to be painted with primer and 2 coats of enamel paint of approved make &colour.	No.			
14	7.00	<b>Side Tables 90x45x75 cm</b> The table top and verticals are made 19 mm marine plywood finished with 1mm thick laminate on all the exposed faces as per the drawing. File racks should be provided with 19mm thick marine plywood and necessary lippings as shown in the drawing. CPU stand is provided in the side table.The inner sides are painted with 2 coats of enamel paint over a coat of wood primer. One cable manager is to be provided.	No.			
		TOTAL	110.			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
Ι	ELECTRIFICATION - GENERAL					
1.1	Metering Panel Supply installation testing and commissioning of dust and vermine proof wall mounted cubicle type metering board fabricated out of 16 SWG CRS and powder coated with provision for Energy meter including supply and installation of 63 A HRC fuse base with suitable fuse - 3 nos. and neutral link,63 A TPN isolator - 1 No. Panel should confirm to the KSEB and Electrical Inspectorate standards.	1	No			
			NO			
1.2	MCB VDB Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 63A, 8 way MCB VDB concealed on wall comprising the following,63A, 4 Pole MCB & ELCB as incomer and 40A,4P MCB – 2 nos., and 6- 32A MCB -20 Nos out goings	1	No			
<b>2</b> 2.1	D.B. FOR LIGHTING, UPS, A/C etc. Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 4 way TP MCB DB concealed on wall comprising the following 40A, 4 Pole MCB & ELCB as incomer and 6-32A MCB -12 Nos out goings as LDB DB	1	No			
2.2	Supply erection testing and commissioning of wall mounted type double door dust and vermine proof 12 way SPN MCB DB concealed on wall comprising the following 1 phase 2 pole 40 A MCB Isolator-1 no , 6-16 A MCB – 10 nos.to distribute U P S power supply(All MCB'S are 10 KA)		No			
2.3	Supply and installation of 63 A 4 P changeover switchr with centre off in metal enclosure .	1	No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
3	CABLE LAYING AND TERMINATIONS.					
Α	Supply laying and dressing of 1.1 KV grade PVC					
	insulated armoured UG cable with aluminium					
	conductor concealed or on wall /ceiling					
	/trench/cable rack, with clamps etc including back					
	filling of trenches if necessary.					
3.1	3.5 core 25 sq mm	30	Mtr			
		50	IVIU			
3.2	4core16 sq mm					
		15	Mtr			
В	Supply laying and dressing of 1.1 KV grade PVC					
	insulated armoured cable with copper conductor concealed or on wall /ceiling /trench/cable rack,					
	with clamps etc including back filling of trenches if					
	necessary.					
3.3	4 x 10 sq mm PVC insulated cu cable for three					
	phase in put to UPS including termination	5	Mtr			
3.4	10 sq mm 2 core PVC insulated armoured copper					
	cable .from UPS out put to ups DB's	5	Mtr			
3.5	6 sq mm 2 core PVC insulated armoured copper					
	cable for UPS earthing including termination	25	Mtr			
4	End termination of the above cables using single					
	compression type cable glands and heavy duty					
	aluminium / tinned copper crimping type cable					
4.1	sockets including cable earthing. 3.5core 25 sq mm					
		4	No			
			110			
	4					
4.2	4core 16 sq mm					
		2	No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
4.3	4core 10 sq mm	2	No			
4.4	2 core 10 sq mm copper armoured cable	2	No			
5	Supply and laying following earth strips / wires					
5.1	No 10 SWG copper conductor	60	Mtr			
5.2	25 x 3 mm copper strip	5	Mtr			
6 6.1	<b>EARTHING</b> Supply and providing ISI pipe earthing as per IS 3043 with 3 M long 40mm dia. B class GI pipe, providing GI funnel with wire mesh at top, providing GI clamp at the top of the GI pipe test joint, filling arround the GI pipe at a radius of 15 cm with homogeneous mixture of charcoal, common salt & river sand up to a height of 2.5 m from the bottom and the rest of the portion with excavated soil, providing brick work masonaries, plastering, fixing cast iron covering etc. complete.		No			
6.2	Supply erection testing and commissioning of 600 X 600 X 3 mm copper plate burried in ground at a deapth of 3 mtr with earthing grade bentonite having conductivity and moisture retaining properties of approved grade including supplying and fixing of 20 mm dia 3 mtr long perferrated pipe with funnel for watering, construction of inspection chamber by masonary work to accomodate 460x460mmCI heavy duty hinged cover etc as per IS : 3043 and including all civil works, for UPS earthing.		No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
7	WIRING FOR LIGHT, FAN, PLUG SOCKETS etc.					
7.0	Supply all materials and wiring through wall floor etc, concealed/surface as per colour code with 1.5sq mm P V C insulated FRLS stranded copper wire for the points and 1.5 sq mm P.V.C.insulated green colour FRLS stranded copper wire as continous earth for points, with independent earth wire for each circuit,through ISI grade 20 / 25 mm PVC conduit, including all accessories as per IS 9537 part II including circuit wiring using 2.5 sq mm PVC insulated FRLS stranded copper wire with all materials and installation of factory made MS boxes, 2 plate model modular switches and three plate ceiling rose / connectors etc of approved make for light/ exhaust fan/ calling bell etc .Number of cables in conduit should be limitted to the IS standards and as per the conditions laid down in the tender.check nuts should be provided in the PVC conduits in switch boxes, DB etc.PVC bush to be provided in the MSconduits in switch boxes / DB to protect the insulation. <b>The rate includes circuit</b> wiring and no cost is allowed for additional length of circuit wiring. The cost includes chipping the floor/wall etc and replastering etc, if required.					
7.1	Same as item no 7 above but for 1 lights controlled by one switch	4	No			
7.2	Same as item no 1 above but for 2 lights controlled by one switch	10	No			
7.3	Same as item no 7.1 above but for 6 A 3 pin plug points in switch boxes with indicator.	7	No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
7.4	Same as item no 7.1 above but for 6 A 3 pin plug points at separate location switch boxes with indicator.		No			
7.5	Same as item no 7.1 above but for ceiling fan points including supply and installation of stepped type Electronic fan regulator 250 watts of approved make in suitable MS box		No			
7.6	Supply all materials and wiring through wall / floor etc. recessed/suface as per colour code with 3 runs of 1.1 KV grade 2.5 sqmm PVC insulated FRLS copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit with all accessories and supply and installation of 2 plate modular <b>16/6 A plug</b> with switch and indicator. Including the cost of chipping replastering etc if required.The rate includes the cost of complete wiring from DB to the point.		No			
8	Supply all materials and wiring as per colour code with 3 runs of 1.1 KV grade 4 sqmm PVC insulated FRLS copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit with all accessories and supply and installation of 25 A 2 plate modular socket near AC unit and 25A switch near table for A/C units.The rate should be quoted considering the average length required for wiring from D.B No claim for additional wiring. <b>WIRING FOR COMPUTER POWER STATIONS.</b>		No			
8.1	Supply all materials and wiring through wall/floor/recessed/surface as per colour code with 3 runs of 2.5 sqmm PVC insulated FRLS stranded copper wire for phase neutral and green colour for earth through ISI marked 20 mm PVC conduit from DB for computer power station, including supply and installation of 4nos 6A 3 pin plug socket with 1no. 16A switch with indicator (2 plate modular type) in metal boxes.( 3 stations in one ckt ) including chipping the floor plastering etc if necessary.No of cables in one conduit should be limitted as per standards and PVC bushings to be provided in the metal conduits in switch boxes / DB. The rate is for complete length from DB and no claim for additional length		No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
9 9.1 a	SUPPLY AND INSTALLATION OF LIGHT FITTINGS, CEILING FAN .EXHAUST FAN ETC. Supply installation giving electrical connection testing and commissioning of the following light fittings including the cost of materials for fitting connection through 20 mm flexible metal conduit. The light fittings should be the approved make and approved model as per the list attached. Single tube ceiling type fittings with 1X 21 W LED Batten lights (Philips) on ceiling / wall with all accessories. Supply					
		7	No			
b 9.20	Installation Supply and installation LED down Lights SURFACE mounted fitings with all acessories and driver etc . 10/12W, Recess Mounted ( LG 7 complaint,1000 Lumens and with 5years warrantee.) 5600-6500K Squire type .PhilipsUltima DN097B LED 10S- 6500, PSU WH / LT DICE D012C R000-5700K	7	No			
а	Supply	23	No			
b 9.3 a	Installation Supply at site and installation of 1200 mm ceiling fan of approved make with all accessories . Installation includes the cost of materials for fitting, giving electric connection,fitting hooks whereever necessary etc. Supply		No			
b	Installation	11	No			

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
9.4 a	Supply at site and installation of 230 mm Fresh Air fan of approved make with all accessories . Installation includes the cost of materials for fitting, giving electric connection, and all necessary civl works. Supply	3	No			
b	Installation	3	No			
9.5 a	Supply at site and installation of wall bracket with 9 watts CFL Supply	2	No			
b 9.6	Installation Supply at site and installation of wall fan of	2	No			
	approved make with all accessories . Installation includes the cost of materials for fitting, giving					
а	electric connection, and all necessary civl works. Supply	1	No			
b II	Installation DATA CONDUIT	1	No			
1	Supply and laying of ISI marked 25 mm PVC conduit with accessories along floor / wall / partitions / recessed/surface with metal termination box and lead wire for computer cabling.		Mtr			
	, J					

Item	Particulars.	Qty.	Unit	Rate.	Rate in words	Amount
2	Supply and laying of cat 6 UTP CABLE FOR DATA CABLING through existing 25 mm PVC conduit with accessories along floor / wall / partitions / recessed/surface with metal termination box and lead wire for computer.	300	Mtr			
3.0 III 1	Supply at site and installation of RJ 45 with metal enclosure and necessary UTP cable end terminations <b>TELEPHONE</b> Supply all materials and wiring using 4 pair telephone cable 0.5 sq.mm in 20 mm PVC conduit through wall/partitions/ floor/ recessed/ surface from the exchange including the cost of telephone jack RJ11 (modular 2 plate type) mounted in metal boxes including chipping the floor plastering etc if necessary.one separate cable for each point.No of cables in one conduit limitted to three.The rate is for aveage length and no cost is allowed for additional length.	11	nos.			
2	Supply and installation of KRONE connector telephone junction box of 20 pair	1	No			
3 V	Supply and laying 10 pair (0.5 mm) telephone cable including supply and laying 20 mm PVC conduit with all accessories <b>DEPARTMENT LAISON WORK</b> Submission of necessary papers,drawings etc including for the entire existing installations to KSEB/Electrical Inspectorate and getting energised . All laison work included with incidental expences. Necessary fees remitted against receipt will be re imbursed.	200 L.S.	Mtr			
	GRAND TOTAL					

Signature(S) of Contractor(S)