CONSULTANT : SUDIP SUR AND ASSOCIATES UIICL D. O. : HOWRAH

## UNITED INDIA INSURANCE CO. LTD # D.O. - HOWRAH # KOLKATA REGION SUMMARY FOR INTERIOR FURNISHING & ELECTRICAL WORKS

#### **SUMMARY OF QUOTED AMOUNT**

1	FURNISHING WORK	⁼ Rs.
2	ELECTRICAL WORK	= Rs.
	TOTAL	- De
	TOTAL	⁼ Rs.
	Less : Discount (if any)	⁼ Rs.
	NET TOTAL	<sup>⁼</sup> Rs.
	Add: GST @18%	= Rs.
	GRAND TOTAL	⁼ Rs.

 $\begin{array}{c} \text{UIICL} \\ \text{D. O. : HOWRAH} \\ \text{TENDER : FURNISHING WORK} \end{array}$ 

# UNITED INDIA INSURANCE CO. LTD # D.O. - HOWRAH # KOLKATA REGION B O Q FOR INTERIOR FURNISHING WORKS

SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing double skin full ht. glazed partition (upto the soffit level of false ceiling) solid upto 900 mm. & glazed upto 2100 mm. lev. with 6 mm. thk. non toughened clear float glass with aproved quality and pattern frosted film, as per design. Glass panel to be fixed with TW beading and duly polished matching with laminate color above solid part with electrical wire management system. Partition to be made of 50 x 50 mm. seasoned hard wood framing spaced not more than 600 mm. c/c bothways, double skin partition fixed to timber frame made of 6 mm. thk. approved ply (IS: 710) as per finished both side with approved 1mm. thk. laminate (IS: 2046) with 1.5 mm. groove design complete with polishing, 4" high laminated skirting etc. all complete as per design, direction and approval of the Architect. The frames to be taken above false ceiling and fasten to true RC ceiling (measurement for payment will be considered upto false ceiling level). (Location: front and side partition of DM chamber)	222.31	sq. ft.		
2	Providing & Fixing double skin low ht. partition with wicket door (1200 mm. high) with electrical wire management system, 900 mm. solid & 300 mm. above glazed, made of 50 x 50 mm. seasoned hard wood framing spaced not more than 500 mm. c/c bothways, double skin partition fixed to timber frame made of 6 mm. thk. approved BWR ply as per IS:303, finished both side with approved laminate with 1.5 mm. groove design, 4" high laminated skirting etc., the vertical support of 50 x 50 mm. frame to be extended upto 1200 mm., side & top faces to be covered with 35 x 10 mm. CP teak wood moulding to hold 300 mm. high x 10 mm. thk. glass, all exposed teak wood surface to be completed with natural colour high polishing etc The wicket door should have locking arrangement, all complete as per design, direction and approval of the Architect.	28.93	sq. ft.		
3	Providing and fixing <b>Solid Core Flush Door Shutter</b> of 35 mm thk. finished both side with 1 mm thk. approved colour laminate (IS: 2046) with 1.5 mm. groove design fixed to Wooden framework of partition. One vision panel of size 6"x 10" made out of 6 mm thk. Clear glass with moulding with polish to be provided. The rate shall be inclusive of fitting and fixing of 3 nos. 4" s/s hinges, handle, door closer, door stopper, screws, cylindrical lock / night latch, tower bolt of approved make. All edges of the door to be covered with necessary lipping with polish finish. The work should be completed as per specification, design and approval of Architect.	25.55	5 <b>4</b> . it.		
а	Shutter Size: 900 mm. x 1050 mm. with 600 x 1800 mm. glazing (Location: BM chamber)	21.00	sq. ft.		

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SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
4	Providing and fixing <b>Storage Unit</b> made out of 19 mm block board (IS: 1659) for top, sides & 6 mm. for back finished with 1.0mm laminate. The openable shutters to be made out of 19 mm block board finished outside with 1.0 mm laminate (IS: 2046). The cabinet will have shelves of clear ht. approx. 14". The shelves to be made of 19 mm. thk. block board. The necessary godrej multipurpose locks, 4" SS matt finished handles, hinges are to be provided. 4" laminated skirting to be provided. Inside of the unit to be synthetic enamel painted / polished in matching tone. All the exposed edges of the boards/ plywoods to be covered with white beach/ white ceader wooden lippings/ mouldings (6 x 20 mm.) duly natural polished all complete. The work to be completed as per approval and specification of the architect.				
a	Low Height Storage (upto 900 mm. high)	32.55	sq. ft.		
5	Providing & fixing in position 19mm thk. Blockboard structure, 1 no. Cash Work Station of size W-1800 x D-800 x H-750 mm inclusive of a 1200 mm height front partition, 400 mm wide customer writing top, table top, finished with 1mm mica laminate. Inside of table top finished with polishing. The design in the front apron as per bank's design guidelines. The workstations shall be supported from the partition system at both side. The workstation to be comprised with a Drawer unit of approx. overall size of 400 x 600 x 725 mm. (h) made with 12 mm. thk. block board with telescopic drawer slides. The drawer unit shall comprise of 3 drawers with inner faces polished with approved shade. The drawer unit shall be finished with 1 mm. laminate. The quoted price should include cost of teak wood moulding to edges, wood lipping, multi locks of Godrej make & other necessary hardware accessories including SS handles, pvc wire manager, metallic keyboard tray, mobile CPU trolley etc. of approved quality all complete as per design & direction.	6.00	r.ft.		
6	Providing & fixing 2100 mm. high Cash Work Station  Partition (sides & back of cash cabin) solid upto 1050 mm.  (with electrical wire management system), glazed upto 1950 mm. lev. with 6 mm. thk. non toughened clear float glass as per design. Glass panel to be fixed with 35 x 10 mm. teak wood beading and duly polished matching with laminate color above solid part. Partition to be made of 50 x 50 mm. seasoned hard wood framing spaced not more than 600 mm. c/c bothways, double skin partition fixed to timber frame made of 6 mm. thk. approved ply as per IS:303, finished both side with approved laminate with 1.5 mm. groove design complete with polishing, 4" high laminated skirting etc. all complete as per design, direction and approval of the Architect.	30.00	sq. ft.		

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SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
7	Providing & erecting in position free standing table made of 19 mm. thk. BWP grade block board for sides, top &				
	panel, finished with 1 mm. thk. laminate of approved shade & make in outer faces. Inside of the table to be finished with				
	synthetic enamel paint / polish as per matching tone.				
	Drawer cum cabinet unit of approx. overall size of 400 x 600 x 725 mm. (h) of 19 mm. thk. block board. The drawer				
	unit shall comprise of 1 tea tray, 1 drawer, 1 cabinet with				
	inner faces polished with approved shade with telescopic				
	drawer slides. the drawer unit shall be finished with 1 mm. laminate including inner faces of cabinet shutter. The				
	quoted price should include cost of teak wood moulding to				
	edges, wood lipping, multi locks of Godrej make & other necessary hardware accessories including SS handles, pvc				
	wire manager, mobile CPU trolley etc. of approved quality.				
	All table should have a <b>side credenza</b> which shall be 900				
	mm. long., 400 mm. wide & 750 mm. high with intermidiate 1 no. shelf of 19 mm. BB. The side credenza have sliding				
	shutters of 12 mm. thk. ply with 1 mm. thk. laminate finish				
	on visible side. Inside of the unit to be synthetic enamel painted / polished in matching tone. All the ply edges				
	should be lipped & finished with prescribed shade of polish.				
	The rate also include the cost of hardwares like hinges,				
	tower bolts, handles, magnets, wire manager etc.				
а	size: 1800 mm. x 900 mm. x 750 mm.(h) including side credenza and 10 mm. thk. Clear Float Glass at Top				
8	Providing & Fixing fully glazed 12 mm. clear <b>Toughened</b>	1.00	no.		
0	Glass Door (in one shutter) with floor mounted pivotted				
	door spring hinges to shutters fitted with patch fittings &				
	floors with plate & screws including cutting holes & mending good with cement mortar, with sticker design bank's name,				
	logo, bands etc. (polished edge as directed) fitted with 30				
	mm. dia. 100 mm. X 500 mm. long stainless pair of 'C' handles ( both inside & outside) with all accessories, floor				
	spring complete as per design & direction. (Location : at				
	Branch & ATM entrance)	30.00	sq. ft.		
9	Providing & Fixing fully glazed 12 mm. clear <b>Fixed Toughened Glass</b> fitted to floor, lintels / side wall with				
	patch fittings & screws including cutting holes & mending				
	good with cement mortar, with sticker design bank's name,				
	logo, bands etc. (polished edge as directed) fitted with all accessories, complete as per design & direction.				
4.0		15.00	sq. ft.		
10	Providing & fixing <b>Rolling Shutters Encasement</b> fabricated out of External Grade 3mm thick (0.5mm + 2 mm				
	+ 0.5mm) <b>ACP</b> in approved colours for top, sides, front and				
	bottom with necessary openable shutter at bottom,				
	hardware including locks, hinges & handles. The framework for encasement to be made with aluminium hollow section				
	25 x 25 mm The job to be completed as per approval of	60.00	ca 4		
11	architect. Providing & fixing in position wall / column panelling	00.00	sq. ft.		
	consisting of 6.0 mm thk. BWR ply as per IS:303, 1.0mm				
	thk laminate with hardwood ribbing of 25 x 25 mm. @ 500 mm. both direction. The face of the cladding is to be				
	laminated with approved design. The item is to be				
	completed in all respects as per design & approval of the	61.03	sa ft		
	architect. GRAND TOTAL	01.03	sq. ft.		
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SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
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### APPROVED MAKE OF MATERIALS

1	False Ceiling / Channels	India Gypsum / Armstrong / Saint Gobain
2	Wood Frame Work / Wood Section : All Wood, Must be well seasoned, free from knots, other defects decay and defects due to handling and Transportation. Wherever necessary, provide with anti – termite Treatment.	Malaysian Sal / Kapoor
3	Wood Skirting / Moulding / Lipping / Bidding	White Beach / White Ceader / CP Teak
4	Wood Preservative	STP Pentaphene Pale / Termiseal by PCI / Bison by
5	Fire Reterdant Paint	Industrial grads of Noble / Viper
6	BWR Ply (IS: 303)	Century / Avenger / Sylvan
7	Flush Door / BWP Block board (IS : 1659)	Century / Avenger / Sylvan
8	Laminate (1.0 mm thk.) (IS: 2046)	Green lam / Century mica / Sunmica
9	Door Closure ( Heavy Duty )	Godrej / Archi / Sterling ( DC 2000)
10	Floor Spring ( Heavy Duty )	Godrej / Archi / Sterling ( FS 3000 )
11	Door Lock ( Dead )	Godrej / Hafele /Hettich / Kich / Doorset / Yale
12	Door Handles	Godrej / Hafele /Hettich / Kich / Doorset
13	Drawer / Storage Handle	Godrej / Hafele /Hettich / Kich / Doorset
14	Drawer / Storage Lock ( Multipurpose )	Ebco / Hafele /Hettich /Doorset
15	Night latch	Godrej / 4C Acme
16	Screws	GKW / Nettle fold
17	Hinges	CIEF
18	Sliding Telescopic Drawer Channel	Ebco / Earl Behari / Efficient Gadjets
19	Cable Organiser	Ebco / Innofitt Systems ( CM 63.C )
20	Adhesive	Fevicol SH / Fevimate TL
21	Soft Board	Jolly Board
22	Vertical Blinds	Mac / Annums / Window Fashion
23	Glass	Modi / Saint Gobain
24	Paints (Synthetic Enamel / Acrylic Emulsion)	Asain Paints / Berger / ICI
25	PVC Flooring	Krishna Vinyl / Armstrong / Birla
26	Texture Paint	Spectrum
27	Glass	Modi / Saint Gobain
28	European WC / Washbasin	Hindware /Parryware
29	Sanitary Fittings	Jaquar / Essco Delux
30	G.I. Pipe	Tata ( Medium )
31	Cement	Ultratech / Laferge / ACC
32	Footmat	Birla 3M / Approved Equivalent
33	Vitrified Tiles	Johnson / Naveen / Kajaria
34	Ceramic Tiles	Johnson / Naveen / Kajaria
35	Chairs	Godrej/Methodex/Monarch
36	All other items not covered above	As per sample approved by Employer/Consultant

	UNITED INDIA INSURANCE CO. LTD # D.O HOWRAH # KOLKATA REGION						
	B O Q FOR ELECTRICA	AL WORKS					
SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)		
1	MAIN INCOMING SFU						
	S/I/T/Commissioning of 63 Amp. TPN Main Switch (HRC						
	type SFU) at main incoming from CESC / SEB to be fixed						
	on MS angle framework & 2 nos. cable end box including necessary interconnections	1	unit				
2	MAIN PANEL BOARD	•	dille	<u> </u>			
	S/I/T/Commissioning of Main Distribution Panel as per						
	given below: - 440 Volts AC, 3 Phase, 50 Hz with 50 KA						
	fault level for 1 second, Floor / Wall mounted, 7 tank						
	cleaning process with duly powder coated with copper bus						
	bar. Incomer: 63						
	Amps 4P MCCB of 35 KA breaking capacity) with LED type						
	phase indicating lamp, Digital voltmeter, Ammeter with						
	selector switch with required CT unit, Danger Notice Board indicating sign (DANGER) in English, Hindi, Bengali.						
	Outgoing: 25 Amps TPN MCB - 2 Nos., 40 Amps DP						
	MCB - 1 Nos., 25 Amps DP MCB - 1 Nos., 63 Amp TPN						
	Changeover-1 No., 100 Amp TPN Bus bar Chamber-1 No.,						
	complete with all interconnection with required cable / wire.						
		4	٠,				
3	UPS INPUT/ OUTPUT	1	unit				
3	63 Amps/40 Amps DP MCB in MS enclosure box			<del>                                     </del>			
	•	2	unit				
4	DISTRIBUTION BOARDS (All MCBs to be "C" series)						
а	Providing and fixing 12 way SPN double door <b>UPS DB</b> with						
	incomer 1 no. 40 Amps DP <b>MCB</b> controlling 10 nos. 16/10 Amp SP MCB Complete.	1.00	unit				
b	Providing and fixing 12 way SPN double door <b>LIGHT DB</b> for		G	†			
	LIGHT POINTS with incomer 1 no. 25 Amps DP RCBO						
	controlling 10 Nos. 6/10 Amp SPMCB Complete.						
		2.00	unit				
С	Providing and fixing 4 way TPN double door <b>POWER DB</b>						
	for RAW POWER POINTS with incomer 1 no. 25 Amps 4P						
	MCB controlling 12 no. 16/10 Amp SPMCB Complete.	1.00	unit				
5	CABLES			1			
а	Providing and placing in position, testing and connecting						
	1.1 KV grade XLPE insulated PVC sheathed armoured						
	Aluminium cable 4C x 35 sq. mm. conforming to IS 7098						
	with 2 Nos 10 swg GI ECC by GI bar and saddles on						
	wall/floorpass. Cable to be from Supply Main Switch to Main	30.00	r m				
b	DB.  Providing and placing in position, testing and connecting	30.00	r. m.	+			
	1.1 KV grade XLPE insulated PVC sheathed armoured						
	Aluminium cable 4C x 16 sq. mm. conforming to IS 7098						
	with 2 Nos 10 swg GI ECC by GI bar and saddles on						
	wall/floorpass. Cable to be from Generator supply to Main						
	DB.	30.00	r. m.				
С	Providing and laying 2 x 10 sq. mm. & 1 x 4 sq. mm. FRLS						
	PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with						
	necessary fittings and accessories from Main DB to UPS						
	Input and UPS Output to UPS DB. Including all necessary						
	terminals etc. complete.	35.00	r. m.				
		00.00	1. 111.				

SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
d	Providing and laying 4 x 6 sq. mm. & 2 x 2.5 sq. mm. FRLS				
	PVC coated copper conductors (1.1 KV grade) in pvc rigid				
	pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from Main DB to				
	POWER DB. Including all necessary terminals etc.				
	complete.	25.00	r. m.		
е	Providing and laying 2 x 6 sq. mm. & 1 x 2.5 sq. mm. FRLS				
	PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with				
	necessary fittings and accessories from Main DB to LIGHT				
	DB. Including all necessary terminals etc. complete.				
	D : II	50.00	r. m.		
f	Providing and laying 2 x 2.5 sq. mm. & 1 x 1.5 sq. mm. FRLS PVC coated copper conductors (1.1 KV grade) in pvc				
	rigid pipe/capping-casing on surface of wall duly clamping				
	with necessary fittings and accessories from LIGHT DB to				
	SWITCH BOARDS. Including all necessary terminals etc.	400.00			
-	complete.  Providing and laying 2 x 2.5 Sq mm. & 1 x 1.5 sq. mm.	100.00	r. m.		
g	FRLS PVC insulated multi stranded copper wire in suitable				
	size pvc rigid pipe/capping-casing on surface of wall duly				
	clamping with necessary fittings and accessories for UPS				
	DB To Computers. Including all necessary terminals etc.	275.00	r. m.		
h	complete.  Providing and laying 2 x 4 Sq mm. & 1 x 1.5 sq. mm. FRLS	210.00	1. 111.		
"	PVC insulated multi stranded copper wire in suitable size				
	pvc rigid pipe/capping-casing on surface of wall duly				
	clamping with necessary fittings and accessories for AC DB				
	To Starters/Outdoor Units & DB To Glow Sign Board. Including all necessary terminals etc. complete.				
	including all necessary terminals etc. complete.	15.00	r. m.		
6	CABLE TERMINATION				
	Supplying, connecting the end terminations with copper				
	cable lugs, Single Compression Brass Cable Glands,				
а	Tapping, Crimping etc. complete. 3.5 core 35 Sq mm Al. Armoured	2.00	unit		
b	3.5 core 16 Sq mm Al. Armoured	2.00	unit		
7	EARTHING			1	
а	Earthing installations as per I.E. rules by making earth				
	stations with 600 mm x 600 mm x 3.15 mm. thick copper				
	plate electrode to be installed such that its top edge shall				
	be at a minimum depth. of 3.0 meter below ground level after preparation of ground with charcoal and salt and				
	connecting the MIP with 25 mm x 6 mm G.I. earth lead-in-				
	strip directly in ground by bolting and then brazing to the				
	copper Plate complete with G.I. bolts of suitable length				
	double nuts and washers including supply and fixing of 50				
	mm dia. partly perforated G.I. pipe with funnel for watering arrangement. 3.0 m. long with 300 x 300 mm. casting plate				
	arrangement, 3.0 m. long with 300 x 300 mm. Casting plate				
1					
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing				
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and				
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with				
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of				
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected				
	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of	1.00	unit		
b	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected to copper earth lead-in-strip and restoring the surfaces duly	1.00	unit		
b	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected to copper earth lead-in-strip and restoring the surfaces duly rammed.  Providing and fixing Pipe Earthing (IS - 3043) 3.0m. deep with 40 mm. dia. GI pipe With perforations filled with	1.00	unit		
b	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected to copper earth lead-in-strip and restoring the surfaces duly rammed.  Providing and fixing Pipe Earthing (IS - 3043) 3.0m. deep with 40 mm. dia. GI pipe With perforations filled with alternate layers of Charcoal and salt. The item includes	1.00	unit		
b	connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected to copper earth lead-in-strip and restoring the surfaces duly rammed.  Providing and fixing Pipe Earthing (IS - 3043) 3.0m. deep with 40 mm. dia. GI pipe With perforations filled with	1.00	unit		

SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
С	Providing and fixing Earth Bus Bar of 25 mm. x 6 mm. x 300				
	mm. complete with brass nut, bolt, washer & bus insulator.	1.00			
d	Providing and fixing Copper Earth Wire 12 guage in pvc	1.00	unit		
u	conduit in Floor / walls From pipe earthing to Main Panel				
	Board Complete.	30.00	r. m.		
8	POINT WIRING			<u>I</u>	
	Providing & fixing POINT WIRING for Ceiling and wall lights				
	/ fan. The item includes point wiring from switch board to be				
	laid with 2 x 1.5 sq. mm. + 1 x 1 sq. mm. PVC insulated				
	copper conductor within rigid pipe with all necessary				
	accessories, such as saddles etc. on surface or embedded				
	in wall, chasing the walls and making the surface neat afterwards. The item includes switch of 6 Amp with all base				
	plates, cover plates, GI box of same make etc. 3 - plate				
	ceiling rose to be provided for Exhaust fans complete. Each				
	switch board should have at least 1 no. 5 Amp raw power				
	socket. At least 10 nos. light points to be connected				
	through UPS supply.				
а	Providing and fixing point wiring with same pecifications as				
а	MAIN point wiring above : one point to be controlled by one				
	switch.	90	unit		
b	Providing and fixing power point for WALL / EXHAUST FAN				
	points with 1 x 5pin 6Amp socket outlet to be provided at	_			
	the location of fan	4	unit		
С	Providing & fixing Raw Power Point Includes 1 no. 5 pin 6	22	unit		
d	AMP socket and 1 no 6 Amp switch etc. complete.  Providing & fixing Computer Plug Points with 3 Nos 5 pin 6	22	unit		
_ u	Amp sockets,1 Nos 16 amp switch & one indicator lamp,				
	complete with all necessary accessories. The switch and				
	indicator to be located above the counter while sockets to				
	be fixed below the counter.	22	unit		
е	Providing and fixing BELL POINTS on wall / partition with	22	unit		
	2x1.0 Sq.MM copper conductor with call bell switch (Push				
	Type) including ANCHOR call bell TRESSA Multi Tune Bell				
	complete.	1	unit		
f	Providing and fixing Starter for AC consisting of : 15 Amp.	4			
	Socket for plug, 12-18 Amp. Starter Providing and fixing Glow Sign Board point including supply	1	unit		
g	of timer, thro. separate 20 Amp. DP MCB with metal				
	enclosure complete.	1	unit		
9	ELECTRICAL FIXTURES				
	Item includes Providing, assembling, fixing, testing &				
	commissioning Following Fixtures including all accessories,				
	lamps & extension chords as maybe necessary complete.				
	All LED / Flurescent fixtures (except down lighters) to be				
	hung from the RCC ceiling by 20 KG grade adjustable GI chain & in NON False ceiling area they are to be hung by				
	appropriate Down Rods.				
а	Providing and Fixing Surface mounted luminaire suitable for				
	HAVELLS or similar : PHOTON PLUS LED TUBELIGHT :				
	product code : LHLDCLXENL8X018 or similar with Lamp	50.00	unit		
b	type 18W LED Providing and Fixing ceiling fans 1200 mm. sweep including	50.00	GIIIL		
~	600V electronic regulator (cost of supplying & fixing fan				
	hook inclusive)	8.00	unit		
С	Providing & Fixing of exhaust fan heavy duty industrial type	4.00			
	Crompton 225 mm sweep with 1400 RPM.	4.00	unit		

SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)
d	Fixing of 1200 / 600 long tube fittings after opening from old				
	premises including reestablishment of new electrical				
	connection	17.00	unit		
е	Fixing of ceiling fan after opening from old premises				
	including reestablishment of new electrical connection	12.00	unit		
10	TELEPHONE CABLING				
а	S/I/T/Commissioning of 2 pair 0.51 sq. mm. telephone				
	unarmoured cable in 32mm PVC pipe. (Make - Finolex /				
	Delton / Polycab)	35.00	r. m.		
b	S/I/T/Commissioning of Telephone point with 1 No. of of RJ-				
	11 socket, 1 Module Plate & Modular Box as per				
	instructions of the Architect/Consultant.	3.00	unit		
11	DATA CABLING				
а	providing and fixing IOU (information outlet unit) of AT & T				
	make including squre face plate MS housing box with RJ-45				
	socket etc complete	20.00	unit		
b	Providing and fixing data points with CAT-6 UTP cable from				
	system room to individual points in 20mm PVC conduit				
	fixed on wall, ceiling, partition etc. complete	300.00	r. m.		
С	Providing and fixing Mounting (PATCH) cords one per port.				
i	1.0 m. long	20.00	unit		
	GRAND TOTAL				

### APPROVED MAKE OF MATERIALS

1	Switch fuse units (HRC)	LEGRAND / HAVELLS / INDO-ASIAN
2	Timer (TSQ 100)	L & T / HAVELLS
3	Voltmeter & Ammeter	A. E. / IMP
4	Voltmeter & Ammeter selector switches	KAYCEE / L & T
5	Phase indicating lamp	Vaishno / SIEMENS / ROSS controls
6	Capacitor	CROMPTON/SIEMENS
7	HRC fuses	GE power / SIEMENS / L & T / SCHNEIDER
8	Power Cable : XLPE	GLOSTER/HAVELLS / FINOLEX
9	HRC fuse base & carriers.	GE power / SIEMENS / L & T / SCHNEIDER
10	1.1 KV grade PVC insulated armoured aluminium cable (ISI marked)	GLOSTER / HAVELLS
11	1.1KV / 600V grade PVC insulated & sheathed / insulated	FINOLEX / HAVELLS
	copper wire & flexible cords (ISI marked).	
12	RCCB / ELCB / MCCB / MCB	LEGRAND / HAVELLS / INDO-ASIAN
13	Switch fuse with rewirable fuses. (6A & 32A TPN)	LEGRAND / HAVELLS / INDO-ASIAN
14	Changeover switch (on load type)	LEGRAND / HAVELLS / INDO-ASIAN
15	MCB distribution board	LEGRAND / HAVELLS / INDO-ASIAN
16	6/16 Amp modular type switch / flushed type plug socket	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
17	6/16 Amp modular switch / socket, module plate & mounting M.S. / PVC box.	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
18	16/25 Amp., 2 module electronic regulator	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
19	Ceiling rose	KAY / EPP / ANCHOR / JJ
20	Holder	KAY / EPP / ANCHOR / JJ
21	Alarm bell	KHERAJ / GETCO / KONE
22	Black enamelled Steel conduits (conforming to IS in all respects)	BEC / SUPREME / AKG
23	Compression type brass gland	DOWELLS / JOHNSON / COMET
24	Cable termination socket	DOWELL'S
25	Light fitting & lamps	PHILLIPS / HAVELLS
26	Ceiling / Wall Mounted Fan	CROMPTON / POLAR / KHAITAN / HAVELL'S
27	Exhaust fan	CROMPTON / POLAR / KHAITAN / HAVELL'S
28	Industrial type socket & top	HAVELL'S / CROMPTON / LEGRAND

SI No.	Description Of Item	Qnty.	Unit	Rate (Rs.)	Amount (Rs.)	
29	Telephone wire	FINOLEX / HAVELLS				
30	Starters	NORTH WEST / CABTREE / INDO-ASIAN				
31	All other items not covered above	As per sample approved by Employer/Consultant				