

Corrigendum - 1
{Dated 15.09.2023}

Tender for Refurbishment of Branch space at alternate premises of Tollygunj Branch, Kolkata .

Please refer to the advertisement on Notice Inviting Tender for refurbishment of Branch space at alternate premises of Tollygunj Branch, released on 29.08.2023, the following amendment is made:

- In the tender document of the Tollygunge branch, in the Civil and Furnishing works, Item no 13 (Free Standing table).

It is mentioned as,

size : 1200 mm. x 600 mm. x 750 mm.(h) (L shape table)	12.00	unit
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Should be rectified as

size : 1200 mm. x 600 mm. x 750 mm.(h)	2.00	unit
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Note :

1. Bidders are advised to consider the above points while submitting their Tender.
2. This Corrigendum shall form part of the Tender. The same shall be sealed and signed as acceptance of those conditions without any modifications and submitted along with the Tender.
3. Non-acceptance of the Corrigendum by the Bidder or adding any other condition shall be treated as conditional Tender and bids of such Tenderers shall be summarily rejected.
4. The bidders have to submit "Unconditional Tenders", Conditional bids are liable to be rejected.
5. Last Date of Submission remains Unchanged i.e. 20.09.2023 till 3:00 p.m

PART - II : FINANCIAL BID

BANK OF BARODA (Kolkata Metro 2 Region)					
TOLLYGUNGE BRANCH					
FURNISHING WORKS: Detailed BOQ					
SI No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Dismantling and Demolition				
	Dismantling and kind of item of the old infrastructure, WHICH NEEDS TO BE DISMANTLE ONLY FOR THE SCOPE OF NEW EXECUTION WORK, including Brickwork, Concrete, Flooring, Tiles, Tables & Counters, Doors, Windows, Wiring, AC infrastructures etc. or any kind of items necessary for renovation work and only which would not be used in future. The rate shall include removal of debris from site. This item shall be executed only as per instruction of the Architect or the Bank Officials.	1.00	LS		
2	Temporary arrangements of Work				
	Providing temporary arrangements of tables and other necessary infrastructure to continue the running branch during execution.	0.00	LS		
3	Full Height Glazed Partition				
	Providing and fixing in position full height glazed partition 65 mm thk. solid upto 900 mm. & glazed upto 2100 mm. lev. with 6 mm. thk. non toughened clear float glass with aproved quality and pattern as indicated in the drawing excluding the door made out of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal framed structure placed horizontally & vertically in 600mm x 600 mm center to center or as directed by the Architect. The alternate corner vertical members of the partition shall be taken upto the ceiling level (payment shall be made for the partition measured below the false ceiling level) and the same shall be anchored to the ceiling securely with help of suitable cleats. Framework shall be fixed with 6 mm thick marine grade ply (IS - 710) of approved make on both sides finished as per following specifications. The Partition shall be finished with 1.0 mm thick laminate Sunmica make Frosty white G499 / 1499 of approved shade and make or equivalent on both the sides. Rate shall be inclusive of provision of pencil groove as directed by the Architect. The ply surface of the groove to be melamine polished. Height of the partitions upto soffit of false ceiling / laminate finish top shall be considered for payment. Alternate, corner vertical members of the partition shall be fixed with necessary brackets /supports at RCC levels. The framework above the false ceiling shall not be considered for payment. The item does not include the doors.	230.00	sq. ft.		
4	Full Height Solid Partition				

	Providing and fixing in position full height solid partition 65 mm thk. as indicated in the drawing excluding the door made out of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal framed structure placed horizontally & vertically in 550 mm x 550 mm / 600mm x 600 mm center to center or as directed by the Architect. The alternate corner vertical members of the partition shall be taken upto the ceiling level (payment shall be made for the partition measured below the false ceiling level) and the same shall be anchored to the ceiling securely with help of suitable cleats. Framework shall be fixed with 6 mm thick marine grade ply (IS - 710) of approved make on both sides finished as per following specifications. The Partition shall be finished with 1.0 mm thick laminate Sunmica make Frosty white G499 / 1499 of approved shade and make or equivalent on both the sides. Rate shall be inclusive of provision of pencil groove as directed by the Architect. The ply surface of the groove to be melamine polished. Height of the partitions upto soffit of false ceiling / laminate finish top shall be considered for payment. Alternate, corner vertical members of the partition shall be fixed with necessary brackets /supports at RCC levels. The framework above the false ceiling shall not be considered for payment. The item does not include the doors.	430.00	sq. ft.		
5	Low Height Solid Partition				
	Providing & Fixing double skin low ht. partition (1200 mm. high) with electrical wire management system, 900 mm. solid, then 300 mm. partly glazed (as per drawing), made out of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal framed structure spaced not more than 600 mm. c/c bothways, double skin partition fixed to aluminium frame made of 6 mm. thk. approved marine grade ply (IS:710), 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 65 x 15 mm. CP teak wood moulding bead (curved at top) with 6 mm. x 6 mm. polished groove. 300 mm. high x 10 mm. thk. glass with decorative frosted film to be fixed to partition with 30 x 12 mm. teak wooden bead with 6 mm. groove, all exposed teak wood surface to be completed with natural colour high polishing etc. all complete as per design, direction and approval of the Architect.	100.00	sq. ft.		
6	Solid Core Flush Door Shutter				
	Providing and fixing Solid Core Flush Door Shutter (IS - 2202) of 35 mm thk. finished both side with 1 mm thk. approved colour laminate (IS : 2046) with 1.5 mm. groove design to be fixed to 65 x 75 mm. Wooden frame. One vision panel of size 6"x 10" made out of 6 mm thk. Clear glass with moulding with polished edge to be provided. The rate shall be inclusive of fitting and fixing of hinges, 1 no. Godrej make door closer, 1 no. CP finish door stopper, screws, 1 no. Godrej cylindrical lock, 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.				
	Shutter size : 900 mm. x 2100 mm. and above, as per site condition, including vision panel of 6 mm. thk. Glass (600 x 1050 mm.)	230.00	sq. ft.		
	Shutter size : 750 mm. x 2100 mm. including vision panel of 6 mm. thk. Glass (125 x 200 mm.) (optional)	144.00	sq. ft.		
7	Toughened Glass Door				
	Providing & Fixing frameless fully glazed 12 mm. clear Toughened Glass Door (in one / two shutter) with floor mounted pivotted door spring hinges (similar to Godrej D120) to shutters fitted with patch fittings & floors with plate & screws including cutting holes & mending good with cement mortar. Edge of glass to be polished as directed. Shutter to be fitted with 30 mm. dia. 100 mm. X 600 /				

	900 mm. long stainless pair of 'C' handles (both inside & outside) with all accessories complete as per design & direction. (Location : Branch)				
	Shutter size : 900 mm. x 2100 mm. / or More (two shutter) with 100 mm. x 900 mm. long 'C' handles at Main entrance of the premises, Branch , SMS Area, and managers cabin	120.00	sq. ft.		
8	Full Height Solid Partition with FR Ply (Fire retardant plywood) on One Side				
	Providing and fixing in position full height solid partition 65 mm thk. as indicated in the drawing excluding the door made out of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal framed structure placed horizontally & vertically in 550 mm x 550 mm / 600mm x 600 mm center to center or as directed by the Architect. The alternate corner vertical members of the partition shall be taken upto the ceiling level (payment shall be made for the partition measured below the false ceiling level) and the same shall be anchored to the ceiling securely with help of suitable cleats. Framework shall be fixed with 6 mm thick marine grade ply (IS - 710) of approved make on one side and Fire Retardant Ply on another side, finished as per following specifications. The Partition shall be finished with 1.0 mm thick laminate Sunmica make Frosty white G499 / 1499 of approved shade and make or equivalent on both the sides. Rate shall be inclusive of provision of pencil groove as directed by the Architect. The ply surface of the groove to be melamine polished. Height of the partitions upto soffit of false ceiling / laminate finish top shall be considered for payment. Alternate, corner vertical members of the partition shall be fixed with necessary brackets /supports at RCC levels. The framework above the false ceiling shall not be considered for payment. The item does not include the doors.	230.00	sq. ft.		
9	Full / Low Height Storage cabinet				
	Providing and fixing full / low height storage cabinet 400 mm depth and 900 mm high made out of 19mm thick marine grade plywood (IS - 710) of approved make including the fixing of shelves at 400 mm to 425 mm c/c and the shutters shall be in 19 mm thick BWP block board or MDF board and back covered with 6 mm marine grade plywood. The Top surface will be of Modular 25mm thk. ply postform bull nose top with proper edge binder of matching colour. The shutters shall be fixed with S type "L" hinges of approved make so as to get an equal 8 mm groove between all the shutters at the opening and hinged end of every shutter as per the detailed drawing. Shutter shall be fixed with SS chain from inside so as to open the shutter less than 90 degree and to avoid the breaking of laminate at the hinged end. Shutter shall be finished externally with approved quality 1.0 mm thick. laminate of approved shade of frosty white as approved and make and all internal surface would be finished with 0.8 mm thick. balancing white laminate. Rate shall be inclusive of provision of SS "D" type handles 4" or 6" as approved, Godrej locks with 3 keys and all the necessary hardware, fixtures, fittings etc complete in all respects as directed by the Architect. Low Height Storage (900 mm. high with 2 equal 400 mm. vertical space) With Internal surface to be finished with polish / synthetic enamel paint	280.00	sq. ft.		
10	Cash Counter Cabin				

	Supplying ,fitting and fixing of Cash Counter Cabin (1400 mm. x 2000 mm. x 2100 mm. high) with 65 mm. thk double skin laminated glazed partion at 2 sides & back, with 6 mm BWR ply (IS : 710), 1mm thk laminate of approved make & shade & 6 mm. thk. glass including 1 no. door frame & 35 mm. thk. flush shutter at back partion of each counter. At front, the total ht. will be 2100 mm., upto 750 mm. with working counter and rest with 12 mm thk toughened glass with necessary slit & hole for operation. Locking system of the door would be a Godrej Mortice lock fixed at 900 mm. level. Counter of 900 mm. wide to be made with 19 mm. thk. block board to be completed with drawer unit (3 drawers), keyboard tray, foot rest, cpu trolley etc. as per architects dwg. Rates to be quoted for each counter as per architectural drawing.	2.00	unit		
11	Gypsum false ceiling				
	Providing and fixing Gypsum false ceiling which includes G.I perimeter channels of size 0.55mm thk. (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling,screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centres. Then suspending G.I intermediate channels of size 45mm (0.9mm thk. with two flanges of 15mm each) from the soffit at 1220mm centres with flanges of 26mm each with lips of 10.5 mm are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediated channel at 457mm centres.12.5mm tapered edge Gypboard (confirming to IS: 2095 - 1982) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centers. Screw fixing is to be done mechanically either with screw driver or drilling machine with suitable attachment. The boards are to be jointed and and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the boards with jointing compound. No extra payment will be made for the cutting of light points , stain glass,cove lighting etc. The measurement will be taken in one level, rate should include the drops also, no extra amount will be paid for the drops. The joints to be properly mended with paper tapes and gypsum compound,two coats of Drywall Top Coat all complete. The rate should include the full completion of the ceiling. At the time of handing over the site all necessary repairing work to be considered if required. The work to be completed as per specification,drawing and approval of the Architect.No Drop or design (if any) will be considered as extra measurement it will be considered flat ceiling.	1200.00	sq. ft.		
12	Moduler false ceiling				
	Providing , fabricating and erecting lay in type tegular or drop type Modular False Ceiling (ARMSTRONG make) of 600 x 600 mm. grid. The rate shall include the additional cost of Tee and L supports and other accessories near the ends/ odd size edges/corners. Provide additional length support from the ceiling to the false ceiling grid wherever necessary, making necessary openings for electrical light fittings, alarm detectors and any other fixtures. No extra payment for making openings in the panel/grids for the purpose of light fittings. Item rate shall include all the taxes, transportation, erection, loading and unloading and any other incidental expenditure for completing the work.	600.00	sq. ft.		
13	Free Standing Table				

	Providing & erecting in position free standing table made of 19 mm. thk. MDF board for sides & modesty panel, finished with 1 mm. thk. laminate of approved shade & make. The table top to be made with 19 mm thk. block board. 1 no. Drawer cum cabinet unit of approx. overall size of 400 x 600 x 725 mm. (h) of 19 mm. thk. MDF board. The drawer unit shall comprise of 1 no. tea tray, 1 drawer, 1 cabinet with inner faces finished with polish / paint. The drawer unit shall be finished with 1 mm. laminate. The quoted price should include cost of CP teak wood moulding to edges, wood lipping, multi locks of Godrej make & other necessary hardware accessories including SS handles, pvc wire manager, 1 no, keyboard tray, 1 no. mobile CPU trolley etc. of approved quality. The inner surface of the drawer unit to be finished with polish / synthetic enamel painted. All table should have a side credenza which shall be 900 mm. long., 400 mm. wide & 750 mm. high with intermediate 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. 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.				
	size : 1800 mm. x 750 mm. x 750 mm.(h) including side credenza of size : 900 mm. x 400 mm. x 750 mm.(h)	1.00	unit		
	size : 1500 mm. x 600 mm. x 750 mm.(h) including side credenza of size : 900 mm. x 400 mm. x 750 mm.(h)	4.00	unit		
	size : 1350 mm. x 600 mm. x 750 mm.(h) including side credenza of size : 900 mm. x 400 mm. x 750 mm.(h)	2.00	unit		
	size : 1200 mm. x 600 mm. x 750 mm.(h)	2.00	unit		
14	Wall / column panelling				
	Providing & fixing in position wall / column panelling consisting of 6.0 mm thk. marine grade ply IS:710 with aluminium hat furring channel 22-25 @ 500 mm. both direction. The face of the cladding is to be laminated with 1.0 mm. thk. laminate of approved shade & groove design. The ply surface of the groove is to be melamine polish finished of approved colour. The item is to be completed in all respects as per design & approval of the architect.	320.00	sq. ft.		
15	Drop / Suggestion Box				
	Providing and fixing Drop / Suggestion Box (400 x 600 x 150 mm.) made out of 19mm BWR Ply and finished with 1 mm. laminate and enamel painted insde. A 6" long slit is to be made in the front for inserting letters etc. The shutter with necessary locking arrangement & should have a glass panel at bottom. The work should be completed in all respects as per design specification & approval of the architect.	1.00	unit		
16	Writing ledge				
	Providing & fixing writing ledge 900 mm. long x 300 mm. wide x 150 mm. deep, as per design made out of 19mm MDF board with necessary groove patterns 1.0mm laminate. A divider made of 19mm block board to be provided. White beach / white ceader lipping with natural polish to be used in all exposed areas, inside of writing ledge to be enamel painted. Top of ledge will be of 12 mm. thk. float glass. The work to be completed as per design and approval of the architect.	1.00	unit		
17	Main Panel / DB Encasement				
	Providing and fixing Main Panel / DB Encasement in position fabricated out of marine grade ply (IS-710) with 1 mm laminate finished for top, both sides and front with necessary hardware including locks,hinges and handles. Encasement will be having louver and 6mm thk. Glass for seeing the indicator in both shutters.The exposed sorface of 19mm block board will be finished with TW / white ceader lipping with natural polish and inside of the encasement	18.00	sq. ft.		

	shall be finished with Fire proof paint. The item is to be completed in all respect as per design, specification and approval of the Architect.				
18	Rolling Shutters Encasement				
	Providing & fixing Rolling Shutters Encasement with 3mm thick (0.5mm + 2 mm + 0.5mm) ACP in approved colours all complete with approved aluminium sub structure, aluminium brackets, silicon sealants, gaskets, PVDF coating in approved colour etc. all complete including bird/ vermin proof closer at the bottom and flashing at top, complete as per instructions & drawings.	92.00	sq. ft.		
19	Black Stone platform				
	Providing and fixing 450 mm. wide Black Stone platform duly made of 19 mm. thk. BWP block board fixed to wall (at 750 mm. height) with intermediate supports on floors @ 1.0 m. apart, finished all visible sides with approved 1 mm. laminate and polished teak wooden beading, other surface with paint / polish finish complete. (counter top surface area to be measured for billing)	42.00	sq. ft.		
20	Vertical blinds				
	Providing and fixing vertical blinds of 100 mm wide of approved shade and pattern having handrail made of high strength aluminium alloyed wll thickness of 1.2 mm thk handrail to have 25mm decorative insert. Control unit shall be of derlin. The runners are also to be a derlin withantifixtion adeshive. Spacers should be made of stainless steel. Febric should be polyester viscoted/polyester yarn having protective coating with chemicals for stain resistance & soilrepalancy. The rate shall include necessary scoch gurd treatment on both sides. The overlaping should be uniform and adequate. Necessary operative arrangements frames to be provided. The work to be completed asper specification and approval of the Architect.	230.00	sq. ft.		
21	PVC flooring work				
	Providing, Laying & fixing 2.0mm thk. 300x300mm homogeneous flexible quality PVC floor tiles/PVC floor rolls of approved brand & shade with 100mm high skirting after mending good damages in the existing floor as directed by means of rubber based adhesive(Fevicol SR-998).(Make: Armstrong) (FOR RECORD ROOM AND STRONG ROOM ONLY)	120.00	sq- ft		
22	Pin up notice Board				
	Providing, fitting in position 12mm thick pin-up board made of soft cork board finished with the fabric (base rate Rs.240/- metre) as approved, matching with the colour scheme of the banking hall with a R.W. moulding all around the edges.	32.00	sq- ft		
23	Synthetic enamel paint work				
	Providing and painting on wooden, steel or plastered surfaces with two coats of Synthetic Enamel paint of approved shade & brand over a coat of primer of approved quality after sand papering the old/new surface to give an even uniform shade.	400.00	sq- ft		
24	Plastic emulsion paint work				
	Emulsion paint [roller finish]: Finishing the wall with plastic emulsion paint of premium quality of approved make conforming to IS: 5411 of two or more coat over a coat of primer to give a smooth and even shade. If depression or hole is on wall, then same shall be rectified by filling with putty, applying a coat of primer and sand papering etc. all complete. The work should executed as per as per manufacturer's recommendations & as directed by EIC. Cost includes all type of material, labour, necessary, staging, tools tackles, etc Complete.	5200.00	sq- ft		

25	Distemper paint work				
	Providing and applying two coats of Distemper paint of approved make & colour over a coat of primer of approved brand including smoothening the surface by sand-papering to the walls, columns and ceiling of the Stair case block, Record room, Strong room & toilet block	1640.00	sq-ft		
26	Texture paint work				
	Providing & applying texture wall paint(roller/spray)as per manufacturer's specification of approved colour & brand at all heights in the customer CORNER and as directed by the architect. Before applying textured paint, check if the surface has any holes or damages. Make sure the surface is free from dust. It should be cleaned with the help of broom and cotton cloth.	300.00	sq-ft		
27	MS Collapsible gate				
	Providing and Fixing MS Collapsible Gate Single shutter made out of vertical double channels 12mmx8mm x 3mm at maximum 125 mm apart when fully stretched as specified, braced with flat iron diagonals 12 mm x 5 mm as specified in the item. The top and bottom rails shall be of M.S. section 25mm x 25mm x 6mm with 25 mm dia rollers in every fourth double channels.	26.00	sq-ft		
28	REPAIRS / MODIFICATION (Existing Shutters)				
	Making modification in rolling shutters for the façade openings - reducing / increasing the sizes, additions of grills in the middle etc. Rate shall include all necessary locking arrangements including godrej navtal locks (heavy duty) 8 levers, 2 nos. Per shutter. 2 coats of anti rust paint to be provided for the shutters.	50.00	sq-ft		
29	Deep cleaning of toilets				
	Deep cleaning of toilets by removing all scum and blisters, cleaning the tiles of wall and floor with necessary repairing as much as possible, as per instruction of the Architect.	2.00	LS		
	TOTAL				

BANK OF BARODA (Kolkata Metro 2 Region)					
TOLLYGUNGE BRANCH					
ELECTRICAL AND LAN WORKS: Detailed BOQ					
SI No.	Description Of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	MAIN PANEL				
	Supply and Installation,testing and commissioning of floor mounted panel fabricated with 14SWG CRCA sheet. The panle shall be dust and vermin proof including internal connection with bus bar/cables upto the terminals duly painted with two coats of powder coated paint,danger board etc. and comprising of the following:- i)INCOMER a) 200 amp ,4P ,35KA MCCB with voltmeter(0-500V) with control fuses and VSS,three LEDs R,Y,B.(CESC) ii)OUTGOING a)200 amp copper busbar(Normal Supply busbar) i) 02 Nos. 125amp ,4P,MCCB,25KA (AC DB), (ii)3 nos 32A DP MCB (iii) 02Nos 63 amp 4P,MCCB (UPS Supply) b)200 amp copper busbar(Inverter supply) (i) 03 No 32A TPNMCB, 4P,MCB,25KA (for TPN LDB& Spare), (ii)01 No 63A TPNMCB, (For Rawpower DB) MAKE: LEGRAND/ SIEMENCE / HAGER / CRABTREE	1.00	unit		
2	DISTRIBUTION BOARDS (All MCBs to be "C" series) (All connections to be through Cu socket)				
a	Providing and fixing 12 way SPN double door UPS DB with incomer 1 no. 40 Amps DP MCB controlling 10 nos. 16/10 Amp SP MCB Complete.	2.00	unit		
b	Providing and fixing 12 way SPN double door LIGHT DB for LIGHT POINTS with incomer 1 no. 25 Amps DP MCB controlling 10 Nos. 6/10 Amp SPMCB Complete.	2.00	unit		
c	Providing and fixing 4 way TPN double door AC DB for A.C. POINTS with incomer 1 no. 63 Amps 4P MCB controlling 8 no. 10/16 Amp SPMCB, keeping other space as spare Complete.	2.00	unit		
3	CABLES				
a	Providing and placing in position, testing and connecting 1.1 KV grade XLPE insulated PVC sheathed armoured Aluminium cable 4C x 50 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 <u>Supply Main Switch to Main Panel.</u>	120.00	r. m.		
b	Providing and placing in position, testing and connecting 1.1 KV grade XLPE insulated PVC sheathed armoured Aluminium cable 4C x 25 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 <u>Generator supply to Main Panel.</u>	50.00	r. m.		
c	Providing and laying 4 x 10 sq. mm.& 2 x 6 sq. mm. FR 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 <u>Main DB to AC DB.</u> Including all necessary terminals etc. complete.	30.00	r. m.		
d	Providing and laying 4 x 6 sq. mm. & 2 x 4 sq. mm. FR 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 <u>Main DB to UPS Input and UPS Output to UPS DB.</u> Including all necessary terminals etc. complete.	100.00	r. m.		

e	Providing and laying 4 x 6 sq. mm. & 2 x 4 sq. mm. FR 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 <u>Main DB to POWER DB</u> . Including all necessary terminals etc. complete.	30.00	r. m.		
f	Providing and laying 2 x 6 sq. mm. & 1 x 1.5 sq. mm. FR 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 <u>Main DB to LIGHT DB</u> . Including all necessary terminals etc. complete.	120.00	r. m.		
g	Providing and laying 2 x 2.5 sq. mm. & 1 x 1.5 sq. mm. FR 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 <u>LIGHT DB to SWITCH BOARDS</u> . Including all necessary terminals etc. complete.	900.00	r. m.		
h	Providing and laying 2 x 4 Sq mm. & 1 x 2.5 sq. mm. FR 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 <u>AC DB To Starters/Outdoor Units & DB To Glow Sign Board</u> . Including all necessary terminals etc. complete.	200.00	r. m.		
4	CABLE TERMINATION				
	Supplying, connecting the end terminations with copper cable lugs, Single Compression Brass Cable Glands, Tapping, Crimping etc. complete.				
a	4 core 50 sq mm Al. Armoured	4.00	unit		
b	4 core 25 sq mm Al. Armoured	4.00	unit		
5	POINT WIRING				
a	Providing & fixing POINT WIRING for Ceiling and wall lights. Point wiring to be laid with 2 x 1.5 sq. mm. + 1 x 1.0 sq. mm. PVC insulated copper conductor 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 modular switch 6 Amp with all base plates & cover plates, M.S. box of same make etc. 3 - plate ceiling rose to be provided for Exhaust fans complete. (one light to be controlled by one switch). Each switch board should have 1 no. 3 pin 6/16 Amp Socket & 1 no. controlling switch for it.	55.00	unit		
b	Providing and fixing power point for Wall / Exhaust Fan points with 1 x 2 pin 6 Amp socket outlet to be provided at the location of fan	27.00	unit		
c	Providing & fixing Raw Power Point Includes 1 nos. 5 pin 6 AMP socket and 1 no 6 Amp switch etc. complete.	20.00	unit		
d	Providing & fixing Raw Power Point Includes 1 nos. 5 pin 5/15 AMP socket and 1 no 15 Amp switch etc. complete. (Location : Pantry, Cash counter)	4.00	unit		
e	Providing & fixing Computer Plug Points with 3 Nos 5 pin 6 Amp sockets, 1 Nos 6 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.	20.00	unit		
f	Providing and fixing BELL POINTS on wall / partition with 2 x 1.0 sq. mm. copper conductor with call bell switch (Push Type) including ANCHOR call bell TRESSA Multi Tune Bell complete.	1.00	unit		
g	Providing and fixing Starter for AC consisting of 15 Amp. Socket for plug, 12-18 Amp. Starter (socket to provide near indoor unit)	8.00	unit		
h	Providing and fixing Glow Sign Board point with timer controlling thro. separate 16 Amp. DP MCB with metal enclosure complete.	2.00	unit		
6	EARTHING				

a	Earthing installations as per I.E. rules by making earth stations with 600 mm x 600 mm x 6.0 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 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.	1.00	unit		
b	Providing and fixing Pipe Earthing (IS 3043 Code) 3.0m. deep with 40 mm. dia. GI pipe With perforations filled with alternate layers of Charcoal and salt. The item includes Funnel on top in brick masonry chamber with CI cover for watering purpose complete.	2.00	unit		
c	Providing and fixing Copper Earth Wire 8 guage in pvc conduit in Floor / walls From earth pit to earthing station & finally connected to Main Panel Board Complete.	40.00	r. m.		
7	ELECTRICAL FIXTURES				
	Item includes supplying, 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.				
a	Providing and Fixing Recessed mounted diffused optics high performance 2' X 2' LED luminaire of HAVELLS or similar with necessary LED lamp. (VENUS NEO Product code : LHEWDRP7PL1W034 with 34w LED 6000K or similar)	20.00	unit		
b	Providing and Fixing Recessed mounted LED spot light of HAVELLS with necessary LED lamp (15W LED 6000K) or similar. (Ceiling cutout ø 155 mm.)	44.00	unit		
c	Providing and Fixing Surface mounted 4' long luminaire suitable for Lamp type 18W LED (T5) or similar	8.00	unit		
d	Providing and Fixing Surface mounted 2' long luminaire suitable for Lamp type 12W LED or similar	2.00	unit		
e	Providing and Fixing wall mounted fans 400 mm. sweep	14.00	unit		
f	Providing and Fixing ceiling fans 1200 mm. sweep including 600 v electronic regulator & supplying, fixing of MS hanging hook from ceiling.	2.00	unit		
g	Supplying & Fixing of exhaust fan heavy duty industrial type 225 mm sweep with 1400 RPM.	3.00	unit		
8	TELEPHONE SYSTEM				
a	Supply, lay and connect PVC insulated wire cover with 2 pair telephone cable	100.00	Mtr		
b	Telephone point wiring with 2 pair PVC insulated CU conductor (0.5mm) telephone wire drawn through BEMS pipe/conduit	10.00	Each		
c	Supply and erection of modular type telephone outlet RJ11 mounted on suitable front pale housed in recessed MS box.	10.00	Each		
d	Supply and erection of 20 pair telephone terminal box (Krone type housed in MS box).	1.00	Each		
9	COMPUTER LAN SYSTEM				

a	Supply Laying & connection of CAT-6 wire through METAL rigid pipe from HUB to IO box(Delink/Lucent make), complete with accessories & 16SWG pull out wire for drawing data cable.	200.00	Mts.		
b	Providing & fixing I/O Box with RJ 45 socket	20.00	Nos.		
c	Supply laying of 25mm PVC pipe ISI mark in floor / wall /wooden partition for drawing Cat 6 wire from HUB to IO terminal.	50.00	Mts		
d	S/ F /F PATCH CORD 1 MT LENGTH	10.00	Nos.		
e	S/ F /F PATCH CORD 2MT LENGTH	10.00	Nos.		
TOTAL					



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ABSTRACT OF BUDGETARY ESTIMATE

SL.	PARTICULARS	AMOUNT
I	FURNISHING WORK	
II	ELECTRICAL WORK	
	TOTAL	
IN WORDS:		