Bank of Baroda

{Government of India Undertaking}

NOTICE INVITING TENDER

- 1) Bank of Baroda, Greater Kolkata Region invites sealed tenders in two bid system for the proposed Interior Furnishing, Civil, Electrical Work Joramandir Branch at the $1^{\rm st}$ floor , RAJARHAT-GOPLAPUR , SACHINDRALAL SARANI ROAD , (JORA MANDIR), VIP ROAD , KOLKATA , 700059 at an estimated cost of Rs. 16.50 lac. The work is to be completed within 21 days.
- 2) Interested agencies having experience of minimum -7- years in work of similar nature & magnitude and fulfilling the eligibility criteria given below may download detailed tender document from Bank's website www.bankofbaroda.com
- 3) Part "A" envelope (Technical Bid) shall contain: Earnest Money along with the documents for satisfying eligibility criteria detailed in Annexure-A in this document.

Earnest money amounting to Rs. 16,500/- by Bank Draft / Pay Order in favour of Bank Of Baroda payable at Kolkata shall be submitted in part "A".

The Earnest Money deposited by the successful tenderer shall become the part of Security Deposit.

The earnest Money of unsuccessful tenderer will be refunded within 07 days of opening of the tender.

The contractor / successful tenderer shall be required to deposit an amount of 10% of the tendered value of the works as Performance Guarantee in the form of an Irrevocable Bank Guarantee of any PSU Bank for a minimum period of 120 days.

OR

By DD/ Bankers' Cheque drawn in favour of Bank of Baroda, payable at Kolkata issued by any schedule Commercial Bank.

The Bank Guarantee/DD/Bankers' Cheque is to be submitted within 05 days of issuance of Letter of Intent (LOI) and after that the Work Order will be issued to the Contractor. In case of withdrawal of tender by the successful bidder before the said period/any time before completion of the contracted job, without prejudice to any of the right or remedy, the Bank will be at liberty to forfeit the earnest money so deposited by the tenderer as aforesaid. Further the tenderer shall not be allowed to participate in re-tendering process.

The Earnest Money Deposit along with the Bank Guarantee or DD/Banker's Cheque (as may be applicable) will be refunded to the vendor within 30 days of successful completion of the contracted job.

Part "B" shall contain the Financial bid along with a copy of the tender document, duly signed in all pages.

Both envelopes shall be separately sealed & submitted in another sealed envelope to the Regional Head, Greater Kolkata Region, Bank of Baroda, Regional Office, Greater Kolkata, 'Baroda Tower', Plot no. 38/2, Block-GN, Sector-V, Salt Lake City, Kolkata-700091, latest by 20.09.2023, within 2.30p.m.

- 4) Part "A" shall be opened at 4 pm on 20.09.2023
- 5) Part "B" of the tenders will be opened for those only who fulfil the qualifying criteria given in Part -`A' in the tender document. The unopened part "B" along with Earnest Money deposit for those not fulfilling qualifying criteria will be returned.
- 6) Clarifications, if any, required on drawings, schedules, specifications, etc. can be obtained from our Consultant, M/s Kalpangan Consultants pvt. Ltd +91 98301 62952/ Zonal Estate Management Department 03323401435
- 7) The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all tenders / application without assigning any reason whatsoever.

GENERAL TERMS & CONDITIONS

- 1) The Tenderers are to visit the site & acquaint themselves with the site conditions before quoting any rate. The branch is a running branch and in no case the operation of the branch should be stopped for execution of the above contract.
- 2) All precautions and safety measures are to be observed while executing the work
- 3) No lapses should occur from the contractor's side which may cause damage or injury to the neighbours / occupants / Society/ Property. Rules and Regulations of the society, if any shall be abided while execution. Any permission / rules of the Society in security matters shall be strictly complied.
- 4) Written permission shall be taken for Extra work along with rate analysis from Bank before proceeding, if any required.
- 5) Water, electricity consumption charges shall be borne by the Contractor, if any.
- 6) Any damage to the adjoining property shall be got repaired by the Contractor at his risk and cost.
- 7) The Contractor shall strictly comply with the security regulation
- 8) The successful tenderer (contractor) has to submit a written undertaking that the assigned work will be completed in time and as per given specification and without any compromise on the quality of the work and materials used.
- 9) The contractor (the successful tenderer) has to get all the items to be checked in the site by our consultant before using it in the work and proper certificate in this regard has to be submitted to the Bank whenever asked for by the Bank.

- 10) Contractors will be required to arrange for their own storing. Dismantled materials are to be carted away from the site at their own cost & disposed in conformity with municipal regulations.
- The quoted rates are to include cost of all labour, materials, and or any other material, all statutory taxes excluding GST (successful bidder, after completion of the work, is required to submit the bills mentioning the GST amount separately), transport, handling delivery at site & installation, complete in all respect, as per drawing, direction or instruction given by the Employer/Consultant.
- 12) The arrangement of "wire management" is to have prior approval of the Bank / Architect.
- 13) The Bank may ask for original invoices and warranty certificates of all the materials and consumables to be used for the contracted job at the premises.
- 14) The quoted rate shall remain firm during the entire currency of contract. No price variation for any causes whatsoever shall be entertained.
- 15) The time of completion shall be 21 days from the date of placement of order.
- 16) If the work is not completed within the stipulated period, liquidity damage @1.0% of the accepted contract sum per week of delay subject to a maximum of 10% of the contract value will be realized against the security deposit / bill payment.
- 17) The offer shall remain valid for acceptance for a period of 10 days from the date of acceptance of our sanction.
- 18) Payments will be made once on completion by the employer within 15 days after certification of bill by the consultant (10% of the total payable amount is to be retained as retention money and will become due for release after expiry of 12 months from the date of completion of the work) & subject to satisfactory maintenance of the executed work.
- 19) Tender will have to be submit in two parts PART: 'A' and PART:'B'. PART:A is Technical bid PART:B is Financial bid, separately super scribed, sealed and both contained in another sealed envelope, super scribed with the name & address. The tenders should be submitted to:-

Regional Head Greater Kolkata Region, Bank of Baroda, 3rd floor BARODA TOWER, Plot No.38/2, Block GN, Sector - V, Kolkata-700091

20) The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all tenders / application without assigning any reason whatsoever.

Annexure -A MINIMUM ELIGIBILITY CRITERIA

(To be submitted by all the contractors with part "A" of the offer)

1) The Tenderer should have completed in last seven Financial years in Bank, Govt. or Govt. Undertaking and financial institutions, Corporate sectors, etc. at least one similar work of 13.20 lacs of estimated cost, two works of 8.25 lacs estimated cost or three works of 6.60 lacs estimated cost satisfactorily.

(Work Order & completion certificate in support must be submitted & marked- annexure-I)

2) Annual average turnover for last 3 financial years should not be less than 16.50 lakhs.

(in support of this the Tenderer should submit audited balance sheet duly Certified by the Chartered Account & marked Annexure-II).

- 3) The Tenderer should produce Solvency Certificate from any Nationalized / Scheduled bank for an amount of 100% of the advertised Tender value marked annexure III
- 4) The Tenderer shall furnish copies of :

i) IT Registration Certificate with No.
 ii) GST Registration Certificate with No.
 iii) Electrical Contractor's License with No.
 marked annexure - V
 marked annexure - VI

iv) Electrical Supervisor's License with. No marked annexure – VII

5) The Tenderer should also submit the following document along with the tender.

- a. List of work completed in last three financial years (along with supporting documents) under Bank/ Govt., Semi-Govt. Undertaking / Corporate sectors giving descriptions of work, organization for whom executed, approximate value of the contract at the time of award and date of schedule completion of work, date of actual completion and final value of contract should be given (marked annexure- X)
- b. <u>Tenderer who will quote the rate must have a local office at Kolkata.</u>
 This is absolutely essential for day to day supervision & coordination of the work at site
- c. All information is to be fully authenticated & documented failing which the Bank reserves the right to reject the application without showing any reason.

d. Special Conditions:

6) The Tenderer has to give the following undertaking on own letter head and the same should be enclosed with Technical Bid (Part A).

"Certified that we have understood that total estimated cost of the project of all above sections with given tender specifications and makes is Rs. 16.50 lac.

Certified that all works will be done as per tender specification & makes of materials specified in the tender.

Certified that no freak/ abnormal rates are quoted in the above tender. Our tender is liable for rejection, in case of any freak / abnormal rate is quoted by us.

Certified that if our overall rates are quoted below 10% of the estimated cost and Bank is at liberty to seek Bank Guarantee against difference of Estimated Cost of Project & Overall Quoted Rate."

Seal & Signature of Contractor

NOTE: All documents shall be submitted as asked for without which the tender will be summarily rejected.

ANNEXURE B

Mandatory information required for Empanelment

(To be furnished on the letterhead of the applicant)

Important:

- 1. Please type or write in capital letters.
- 2. The contractors, vendors and consultants who intend to apply for more than one trade have to apply for each trade separately.
- 3. Attach copies of the supporting documents.
- 4. Attach extra sheets with Sr. No if the space found insufficient.
- 5. Applications of those agencies who do not furnish above information will be summarily rejected.

	ectea.	
1.1.1	Trade (The contractors, vendors , consultants and Architects who intend to apply for more than one trade have to apply for each trade separately)	
1.1.2	Category	
1.2	Name of the applicant / organization	
1.3	Address of the Registered Office (Enclose certified copies of documents as evidence)	
1.4	Address of office (with Phone Nos, Fax Nos & Email ID & Contact Person) (Enclose certified copies of documents as evidence)	
1.4.1	Contact no.	
1.4.2	Fax no.	
1.4.3	Email id	
1.4.4	Contact Person	
2	Year of establishment	
3	Type of the organization (Whether sole proprietorship, Partnership, Private Ltd. or Ltd. Co. etc.) (Enclose certified copies of documents as evidence)	

	Name & qualification of the Proprietor /	
	Partners / Directors of the Organization /	
	Firm	
4	a)	
	b)	
	b)	
	Enclose certified copies of document as evidence	
	Details of registration – Whether Partnership	
5	firm, Company, etc. Name of Registering	
	Authority, Date and Registration number.	
	Enclose certified copies of document as evidence	
	CVIdence	
	Whether registered with Government / Semi	
6	- Government / Municipal Authorities of any	
	other Public Organization and if so, in which class and since when? (Enclose certified	
	copies of document as evidence)	
	,	
_	a. No. of years of experience in the field and	
7	details of work in any other field. b. Whether ISO certified, furnish the	
	Details.	
	Area of hypinasa activities other than	
8	Area of business activities other than construction, if any, and place of business.	
	construction, if arry, and place of business.	
9	Registration of firm under Shop &	
	Establishment Act 1948	
10	Address through which the proposed	
	Address through which the proposed work of the Bank will be handled	
10.1		
10.1	Name & Designation of officer in	
	charge.	
	Yearly turnover of the organization during last 3 years (year wise) (Avg. turnover of last	
11.1	3 years as per the respective category	
11.1	supported by the audited balance sheet and	
	Profit & Loss A/c (Audited) for the last -3-	
	years.	
11.2		
11.2	Average turnover in	

11.2.1	2020 – 2021	
11.2.2	2021 – 2022	
11.2.3	2022 – 2023	
	Name & Address of Bankers	1.
12	(Solvency certificate from a Bank to be enclosed for indicating satisfactory financial capacity of the organization)	2.3.
13	Enclose copy of latest income tax clearance certificate.	
14	PAN No.	
15	GST Registration No.	
16	Detailed description and value of works done (Proforma-1) and works on hand (Proforma-2)	
17	Empanelment with other Companies/PSUs	
18	Other infrastructural information to be used/referred for this project (Proforma-4) List of available plants, machineries equipment's etc.	
19	Furnish the names of -3- responsible persons along with their designation, address, Tel. No. etc., for whose organization, you have completed the above mentioned jobs and who will be in a position to certify about the performance of your organization.	
19.1	Name	
	Address	

	Contact no.	
	Email id	
	Organization	
19.2	Name	
	Address	
	Contact no.	
	Email id	
	organisation	
19.3	Name	
	Address	
	Contact no.	
	Email id	
	Organization	
20	Whether any Civil Suit / litigation arisen in contracts executed / being executed during the last 10 years. If yes, please furnish the name of the project, employer, Nature of work, Contract value, work order and brief details of litigation. Give name of court, place, and status of pending litigation.	Attach a separate sheet if required.
21	Information relating to whether any litigation is pending before any Arbitrator for adjudication of any litigation or else any litigation was disposed off during the last ten	

	years by an arbitrator. If so, the details of such litigation are required to be submitted.	
22	Have you been ever disqualified or levied penalty by the bank in past for non fulfillment of the contractual obligations. If yes, please provide details.	
23	Have you in past carried out any works for Bank of Baroda or its subsidiaries? If yes, give details.	
24	Electrical contractor license no (Enclose copy)	
25	Details of key personal employed (proforma -3)	

NOTE: - ATTACH EXTRA SHEETS WITH S. NO. IF THE SPACE FOUND LESS.

PROFORMA – 1

LIST OF PROJECTS EXECUTED BY THE ORGANISATION DURING THE LAST 7 YEARS (Minimum Value of Work done not less than 40 % of the estimated cost) i.e. not

Notes:

1. Information has to be filled up specifically in this format. Please do not write remark "As indicated in Brochure".

Sr	Name of		Contract	Stipulated	Actual time	Any other	Enclose
No	work/ project with	postal address of	Amount (`)	time of completion	of completion	relevant information.	clients' certificate for
	address.	the owner.		(Years)	(years)	iiiioiiiiatioii.	satisfactory
	addi ooo.	Specify		(10410)	(304.0)	Actual amount of	completion.
						the Project, if	
						increased, give	
						reasons.	
1	2	3	4	5	6	7	8

PROFORMA - 2

LIST OF IMPORTANT WORKS ON HAND

(Minimum Value of Work done not less than 40 % of the estimated cost)

_SI.	Name of work/ project with address.	Name & full postal address of the owner. Specify whether Govt. undertaking along with name, address and contact nos. of -2-persons (Engineers or top officials of the organization)	Contract Amount (`) with copy of Work Order & completion certificate from project in- charge.	Stipulate d time of completio n (Years)	Present status of the project	Any other relevant Informati on.
1	2	3	4	5	6	7

Note:-Information has to be filled up specifically in this format. Please do not write remark "As indicated in Brochure".

PROFORMA - 3

DETAILS OF KEY PERSONNEL, GIVING DETAILS ABOUT THEIR TECHNICAL QUALIFICATION & EXPERIENCE INCLUDING THEIR IN HOUSE ESTABLISHMENT.

Sr. No	designation	Age	Qualification	Experience	Nature of works handled	the projects handled along with amounts	which employed in your organization.	e for similar projects.
1	2	3	4	5	6	7	8	9

Notes:

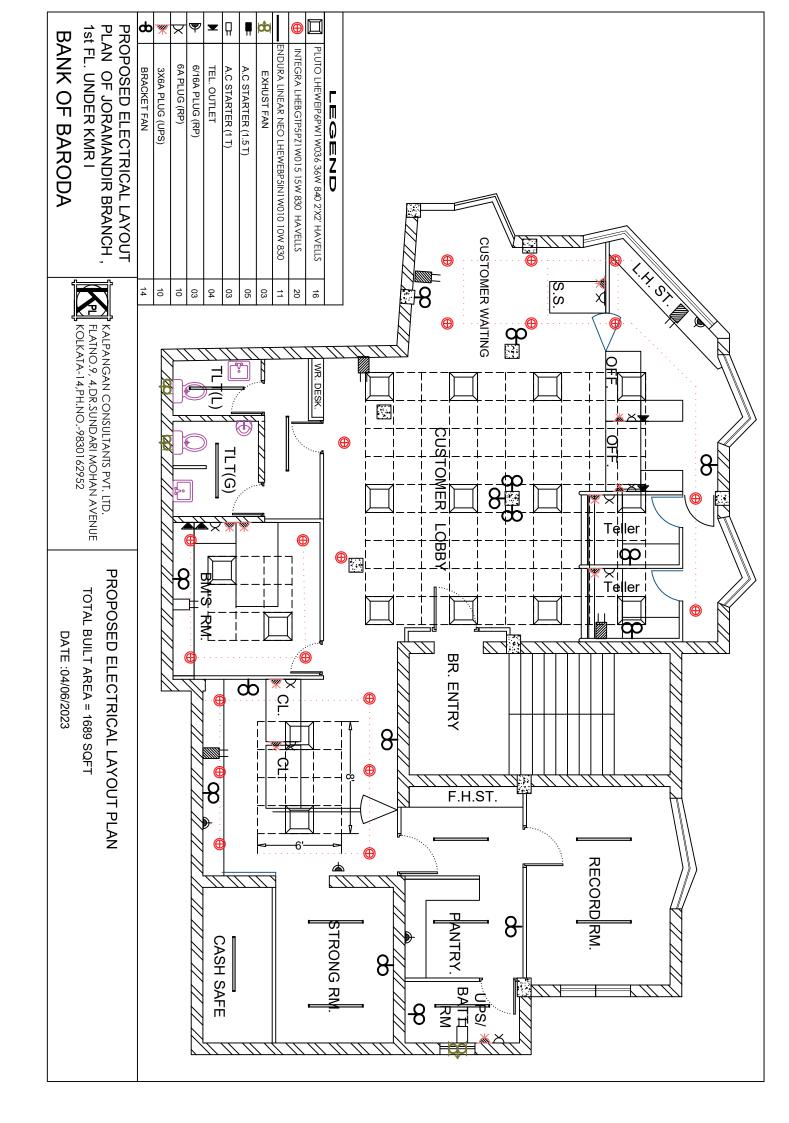
- 1. Information has to be filled up specifically in this format. Please do not write remark "As indicated in Brochure".
- 2. Indicate other points, if any, to show your technical competence to indicate any important point in your favor.

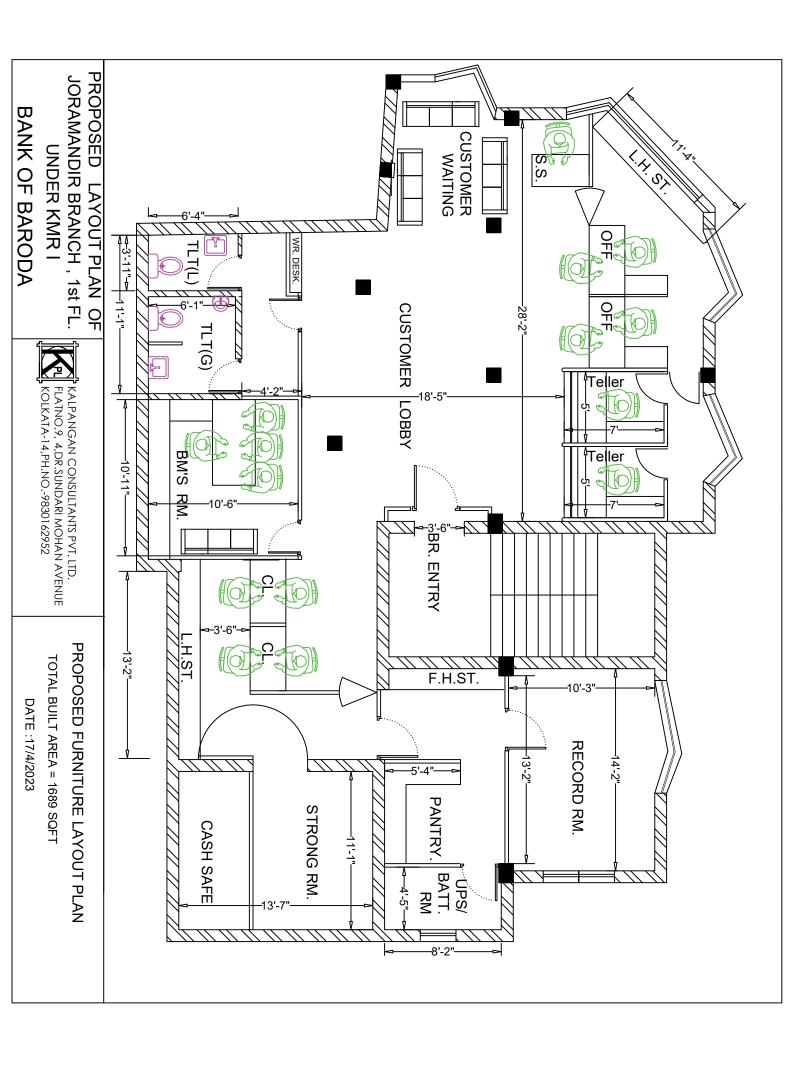
PROFORMA – 4

Details of Infrastructure in Office

Sr.No.	Items	Numbers	Details
1	Office Premises, Area, etc		
2	Fax Machine		
3	Email id		
4	Telephones		
5	Other instruments		
6	Details of Workshop Setup		
	(i)		
	(ii)		
	(iii)		

I/We confirm that to the best of our knowledge this information mentioned by me/us in Annexure A (Proforma 1,2,3 & 4) is authentic and accept that any deliberate concealment will amount to disqualification by the Bank at any stage.





TOTAL INTERIOR RENOVATION WORK OF JORA MANDIR BRANCH ON FIRST FLOOR BAGUIHATI , KOLKATA BANK OF BARODA SL. PARTICULARS AMOUNT I CIVIL & ALLIED WORKS II FURNISHING & ALLIED WORKS III ELECTRICAL AND ALLIED WORKS NET TOTAL

TOTAL INTERIOR RENOVATION WORK OF JORA MANDIR BRANCH ON FIRST FLOOR BAGUIHATI , KOLKATA BANK OF BARODA

	I. SCHEDULE OF QUANTITES FOR CIVIL & ALLIED W	ORKS					
ITEM	DESCRIPTION	QNTY.	UNIT	R.A	TE	AMC	DUNT
NO.				RS.	P.	RS.	P.
1	5" THK. BRICKWORK Brick Work in Superstructure: Providing and laying 5" Thk. Brick Masonry with 1st class brick confirming to 1S 12894 in cement mortar 1:5(1 Cement : 5 Sand) in one or more brick thickness and in any shape at all height above plinth level including the cost of materials, labour, scaffolding/staging, sampling & testing, soaking of bricks, cutting and laying of bricks, providing recesses, making openings of any shape & size, finishing the joints flush below ground level and raking out the joints above ground level, sealing the gap between masonry and soffit of beam/slab, embedding the fittings & fixtures, curing, etc. all complete as directed.						
	Erecting 125 mm/5" thick Brick work having crushing strength not less than 70kg/sqcm including cutting bricks as necessary for strenthening the existing 5" thk. Wall.	8	SQMT				
2	RCC LINTLES Constructing RCC works in 1:1.5:3 mix (M20) concrete as per the requirement as directed by the Bank/ Architect. All RCC works should be machine mixed and vibrated, clear cover provided for reinforcement. The Rate shall include plastering with ½" thk. 1:4 cement plaster on both the sides. The rate shall be inclusive of any scaffolding required, curing etc. Complete.	0.4	CUMT				
3	PLASTER ON NEW BRICKWORK Providing minimum of 12mm thick Cement Plaster on abovementioned new brick walls with 1:6 cement mortar including soffits, and sides all complete as directed i/c scaffolding and curing.	250	SQFT				
4	REMOVAL OF INTERNAL WORN OUT/DAMP PLASTER AND CLEANING THE EXPOSED SURFACE	200	SQFT				
	Taking out carefully damaged / worn out plaster from the internal walls, beams, ceiling, column upto any height including raking out joints. The rate should include cost of scaffolding and removing of debris from site as per local Municipal rules with all labour, materials tools & tackles.						
	PLASTERING (Additional Plastering / Repairing, patch up works) Providing Providing & applying applying cement sand plaster plaster of 1:4 proportion proportion to existing existing brick / RCC walls & ceilings ceilings in single coat of avg. ½" thk. Finished rough to receive plaster of paris levelling coat. The rate shall include necessary Water proofing chemical to be admixtured with cement sand plaster, scaffolding, curing etc. Complete	200	SQFT				
16	VITRIFIED FLOORING (Including 4" Skirting) Replacement of existing broken Vitrified Flooring tiles with New Vitrified Tiles matchng with with existing tiles, due to dismantling of the existing counters and partitions and making good all damages of the surrounding Tiles	500	Sqft				
7	CERAMIC TILES Supplying & fitting & fixing 1st quality Anti skid Ceramic tiles (Rectified-joint free) plain coloured, anti-skid, anti-wear and mat finish of size 300 x300 mm / 450x450 mm in floors including borders, set in sand mortar(4:1) including backing concrete(1:2:4) & 4 Nos.of key stones(10mm) fixed with araldite at the each tile & finishing the joints with White cement mixed with coloring oxide of required to match colour of tiles.The cost also includes the rate for removal of the rubbish from the site as per KMC rules. Basic rate of Tiles:Rs. 600/sqm						
a.	TOILET flooring	80	SQFT				
	Cermaic Tiles Dado upto 4ft height in PANTRY	200	SQFT				
8	SYNTHETIC ENAMEL PAINT ON STEEL WINDOWS/WOODWORK 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.	1300.0	SQFT				
9	PLASTIC EMULSION PAINT WORK IN THE BANKING HALL AREA Providing and applying minimum two coats of acrylic emulsion paint of approved shade & make on a base coat of necessary primer including necessary scrapping of old surface & new surface preparation in the walls under false ceiling.	3900.0	SQFT				

10	DISTEMPER PAINT WORK (for Toilet, Record room, Pantry & UPS battery area)			1	
	Providing and applying two coats of Distemper paint of approved make & colour over			1	
	a coat of primer by sand-papering to the walls, columns and ceiling	4100	SQFT	1	
				1	
11	PUTTY (Application For new walls and old surfaces as required)			1	
	Providing & laying 1mm thk.(avg.) White Cement Putty on the wall area to prepare the			1	
	surface before paint, as directed by architect.	3900	SQFT	1	
				1	
7	PLUMBING WORK FOR TOILET AND PANTRY	1.0	job	1	
	Providing & fixing 15mm dia. & 32 mm dia. CPVC pipes for water distribution in			1	
	existing 2nos. of toilets including chase cutting, chase filling along with			1	
	coat of primer / anti rust paint at all joints, proper pvc insulation cover for all			1	
	pipes. The rate shall include all accessories like tees, unions, elbows, bends etc.			1	
	pripate the tate shall include an accessories like tees, amons, ensons, senas etc.			1	
	DRAINAGE WORK FOR TOILET & PANTRY	1.0	job	1	
l°	Providing/fixing 3"/ 4"PVC pipes of supreme/prince make or equivalent in	1.0	JOD	1	
				1	
	position of required size with special fittings, traps, bends, ys, floor & nahani			1	
	traps etc.Including chemical sealed joints as required at site making necessary			1	
	connections with existing lines for w.c. & waste water lines, unused lines for			1	
	w.c. & waste water to be removed, the rate shall include all incidental work,			1	
	cutting & making good walls & floors etc. all Complete.			1	
I				l	1
9	P & F White vitreous wash hand basin with 15mm dia. brass C.P. pillar cock of			l	1
	ESSCO make with bottle trap and waste coupling			l	1
1	Size - 550 x 400mm MAKE: JAQUAR / PARRYWARE	2.0	Each	1	1
				l	1
10	P & F Flat back urinal size 440 x 265 x 315mm of white colour vitreous with			l	1
	white p.v.c. waste pipe of 32mm dia. upto 750mm long,coupling fannel, saddle	1.0	Each	1	
	etc complete. MAKE: JAQUAR / PARRYWARE			1	
	et complete. MAKE. JAQOAK / FAIRT WAKE			1	
11	D/F/F F D W C with 'S' tran and 10 litras canasity law lavel Flushing sistem			1	
111	P/F/F E.P.W.C. with 'S' trap and 10 litres capacity low level Flushing cistern	2.0	C-4	1	
	of white vitreous ware I/C of joining materials etc. all complete.	2.0	Set	1	
	MAKE: JAQUAR / PARRYWARE			1	
1	<u> </u>			1	
	P/F/F following Toilet taps & cocks of Essco make with			1	
(i)	15mm dia brass 2 Way C.P. Bib cock	2.0	Each	1	
(ii)	15mm dia brass C.P. Angular cock	7.0	Each	1	
(iii)	15mm dia brass C.P. connector upto 600mm long	5.0	Each	1	
				1	
12	TOILET REQUSITES & ACCESSORIES			1	
	P/F/F TOILET ACCESSORIES LIKE:			1	
a)	C.P. ROBE HOOK TWO WAY WITH C.P SCREWS ALL COMPLETE	2	NOS.	1	
'	of Jaquar Continental series.			1	
				1	
b)	SOAP DISPENSER - KIMBERLAY make	2	NO.	1	
~′	SOAL DISTERSER RIMBEREAT HIGHE	-		1	
c)	5.5 MM THK BEVELLED EDGED MODIGUARD MIRROR WITH SILVER RED			1	
'	FIXED ON 6 MM THK ASBESTOS BACKING FIXED WITH S.S. STUDS (size: 2'6 x 1'6")	2	NO.	1	
	- M. E. O. C. M. M. M. C. M. E. C. M. C. M. E. M. E. C. M. E. M. E. C. M. E. C. M. E. C. M. E. C. M. E. M. E. C. M. E. M. E	-		1	
٩/	JET SPRAY(HEALTH FAUCET) FOR WC IN THE TOILETS	2	NOS.	1	
۱ "	22. S. S. PIERETT TAVELTY TON WE IN THE TOILED			1	
1.	Cronite Work of Country Ton Crade			1	1
14	Granite Work of Counter Top Grade			l	1
	Providing and fixing 18mm thick polished black color and shade of Granite with moulding at			l	1
	edges in Pantry & Utlity area. The width of the black stone slab is as per site condition. This			l	1
	also includes preparing the base surface, applying neat cement slurry @ 2.75 kg. of cement per	20	Sqft	l	1
1	sq. mtr. of area to receive the mortar bed, jointing each slab with neat cement paste/ grout			1	1
	with white cement mixed with pigment (conforming, to IS:2114, Table-1) to match the colour of			l	1
	the granite.			l	1
١.				l	1
15	DISMANTLING WORK OF EXISTING TOILET INTERNAL WALLS AS MARKED IN DRAWING			1	1
	Dismantling Existing 10" thk. brick walls (as marked on plan) below the beam including doors and			l	1
	Door frame, holdfast carefully by using chisel etc., & making good the remaining wall edges with 1:4 cement plaster including removal of debris from site as per local Municipality Norms.	12	SQM	l	1
	1.7 comem preside inclosing removal of debits front site as per focul monicipality norms.			l	1
1				1	
10	DISMANITURE OF EVISTING TOHET & DANITRY FACULTIES			l	1
1 10	DISMANTLING OF EXISTING TOILET & PANTRY FACILITIES			l	1
1	Dismantling sanitary/plumbing pipe lines existing Sanitary fittings & fixtures & dismantling			1	1
	dado & floor tiles of the existing toilet block & Pantry as advised including the rate for removal	1.0	Job	l	1
	of the debrie from the premises as not lead Municipality Norman			l	1
I	of the debris from the premises as per local Municipality Norms.			l	1
1	Please note that the debris needs to be removed on regular basis from the branch and cannot be accumulated inside the branch.			1	1
1				1	
—	TOTAL				
	IOIAL				

TOTAL INTERIOR RENOVATION WORK OF JORA MANDIR BRANCH ON FIRST FLOOR BAGUIHATI , KOLKATA BANK OF BARODA

	BANK OF BARODA						
	II. SCHEDULE OF QUANTITES FOR FURNISHING & ALLIED V				T ,		
ITEM NO.	DESCRIPTION	QNTY.	UNIT	RATE RS. P.	RS. P.		
	LOW HEIGHT/AC height) DARTHY OLATER WOODEN DARTHEOUS TO STORE STORE	400	ا	11	 		
1	LOW HEIGHT(4ft height) PARTLY GLAZED WOODEN PARTITIONS FOR CUBICLES &	100	Sq.Ft.				
	WORKSTATION DIVIDERS	1					
	Supplying and erecting low height partition as per Branch Ambience Standardised	1					
	manual of the Bank and conforming to the following specifications:	1					
	Basic Framework : Aluminiun box section 50 x50 of 1.5mm thickness. Skin Membrane : 6 mm thick MR grade plywood of approved make on each face	1					
	with 4mm grooves formed at the top layer as per drawings.	1					
	Finishing: 1.0mm thick suede finish laminate sheet of approved colour & make on	1					
	both sides.	1					
	Glazing: The Partition will have 8 mm thick clear float glass with pencil	1					
	polish edges of 1ft height with top cornors chamfered and fixed with	1					
[1.5" x 1" Teakwood beading finished with 3 coats of melamine polish		j				
[Edge Moulds: The Partition top shall be finished with 3"x3/4" Teakwood	!	j		1		
[beading with 3 coats of Melamine polish. Skirting: The partition will be finished with 3" wide skirting finished with	ļ			1		
[Skirting: The partition will be finished with 3" wide skirting finished with 1mm thick laminate of approved make.		j				
[Quoted rates shall include all necessary materials, accessories		j				
[and also allow provisions for electrical/telephone/computer	ļ			1		
[wiring conduits and switch boxes, etc (Materials of wiring	ļ			1		
[conduits and switch boxes shall be separately paid for.)				1		
[Provision for extra wooden frame work of same section for doors	ļ			1		
[to be included in the rate as per size as shown in the drawing.	ļ			1		
[All exposed wooden sections to be finished with melamine polished.	ļ					
2.	l l	ļ					
2A	FULL HEIGHT PARTLY GLAZED PARTITION UPTO FALSE CEILING HEIGHT FOR BM'S CABIN	220	Sq.Ft.				
	Supplying and erecting Full Height Solid Full height partitions	ļ			1		
	(Max. up to 9FT height) as per Branch Ambience Standardised manual of the Bank				1		
	conforming to the following Material & technical specifications :				1		
	Basic Framework : Aluminium box section 50 x50 of 1.5mm thickness.				1		
[Vertical Members shall be suitably anchored and at Floor level to ensure rigidity.	ļ			1		
	Skin Membrane :	ļ			1		
	6 mm thick MR grade plywood on each face with 4mm grooves formed at	!			1		
	the top layer as per drawings/instructions.	!	j		1		
	Finishing:1.0mm thick suede finish laminate sheet of approved colour of approved	ļ			1		
	make on both the sides Skirting: The partition will be finished with 3" wide skirting finished with	!	j		1		
	Skirting: The partition will be finished with 3" wide skirting finished with 1mm thick laminate of approved make on both sides.				1		
	Quoted rates shall include all necessary materials, accessories	ļ	j		1		
	and also allow provisions for electrical/telephone/computer	!	j		1		
	wiring conduits and switch boxes, etc (Materials of wiring				1		
	conduits and switch boxes shall be separately paid for.)	!	j		1		
	Provision for extra wooden frame work of same section for doors		j				
	to be included in the rate as per size as shown in the drawing.	!			1		
	All exposed wooden sections to be finished with melamine polished.	ļ					
	ELILL HEIGHT DARTLY OLAZED BARTITION HETO FALCE CENTRE CONTROL		c				
2B	FULL HEIGHT PARTLY GLAZED PARTITION UPTO FALSE CEILING HEIGHT FOR	90	Sq.Ft.		1		
	UPS/BATTERY RM. Same as Item 2A, with only the difference that the Ply used shall be 6mm thk.	!	j		1		
	Fire Retardant Ply.(as per IS: 5509)		j				
	, , , ,	ļ					
3	WOODEN DOUBLE SKIN SOLID FULL HEIGHT PARTITION	430	Sqft.				
	Supplying and erecting Full Height Solid Full height partitions upto False ceiling height		,		1		
	(up to 9FT height) as per Branch Ambience Standardised manual of the Bank				1		
	conforming to the following specifications :				1		
	Basic Framework : Aluminiun box section 50 x50 MM of 1.5mm thickness.	ļ	j		1		
	Vertical Members shall be suitably anchored and at floor level to ensure rigidity.				1		
	6 mm thick MR grade plywood on each face with 4mm grooves formed at	ļ			1		
	the top layer as per drawings/instructions. Finishing: 1.0mm thick suede finish laminate sheet of approved colour of approved	!	j		1		
	Finishing: 1.0mm thick suede finish laminate sheet of approved colour of approved make on both the sides.				1		
	Skirting: The partition will be finished with 3" wide skirting finished with	ļ	j		1		
	1mm thick laminate of approved make on both sides.				1		
	Quoted rates shall include all necessary materials, accessories				1		
	and also allow provisions for electrical/telephone/computer	!	j		1		
	wiring conduits and switch boxes, etc (Materials of wiring				1		
	conduits and switch boxes shall be separately paid for.)	ļ	j		1		
	Provision for extra wooden frame work of same section for doors	!	j		1		
	to be included in the rate as per size as shown in the drawing.	ļ			1		
	All exposed wooden sections to be finished with melamine polished.	I	ı	1	1		

ITEM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
NO.			<u> </u>	RS. P.	RS. P.
4	FLUSH DOORS(SOLID/PARTLY GLAZED) Supplying and fixing in position Flush door of 32 mm thick non decorative type with block board core of wood strips (ISI marked) finished with 1.0mm thick suede finish laminate sheet of approved colour of approved make on both sides. Cost of door includes cost of hardware fittings e.g. heavy duty stainless steel hinge, door stopper,6 Lever mortise lock, heavy duty light weight hydraulic door closer, S.S. door handles etc. as per the Tender approved make and etching design.				
А.	Door shall have 8mm thk. float glass 3ft. from finished floor level upto 6'-6" with etching as per design. Average size of shutter (D1) 2'-6" x 7'-0" for B.M.'s rm Ups-Battery Rm.	1	No.		
В.	Door shall have 8mm thk. float glass 3ft. from finished floor level upto 6'-6" with				
	etching as per design. Average size of shutter (D1) 2'- 6" x 7'-0" for Ups-Battery Rm. The Flush door used shall be Fire retardant Ply (as per IS: 5509).	1	No.		
c.	For Record room, toilet Passage, Ultility Rm. there shall be no glass only Solid Flush doors. Average size of shutter (D2):3'-0"x 7'-0" with vision glazed panel (1'x1') wherever required.	3	No.		
D.	Swing door (size of shutter :2'-6"x 4'-0") with locking arrangement in the line of space in between the counters so that customers do not enter the back office area	2	No.		
5	PVC DOOR WITH PVC DOOR FRAMES FOR TOILET BLOCK (SINTEX /DUROPLAST MAKE) Average size of shutter (D4): 2'5" x 7'-0" with PVC handle and locking arrangement	2	No.		
6	MAIN ENTRANCE DOOR CUM FIXED GLAZING FOR BRANCH ENTRY Providing & fixing in position Full glass 3'-6" wide Single leaf door cum fixed glazing . The door shutter & fixed glazing is made of 12mm thk. SGG impact resistance glass (toughened glass) with pencil polish edges all around. Etching design for glass door as per design. Door & fixed glazing shall be fixed with PATCH FITTING assembly inclusive of top and bottom patches, Floor spring, Bottom lock, SS brushed handle of 2'0" long 1"dia on both sides.	70	SQFT.		
a.	FREE STANDING WORK STATION Providing, fixing and fitting in position free standing work station made of 19 mm thk. BWP Plywood + 1.0 mm. Laminate of approved make and colour for the table top, sides & front apron The table is supported on the left side by a 1'-6" wide & 2'-0" deep drawer unit consisting of a tea tray, one drawer & a shuttered cabinet all in 1.0 mm thk. laminate finish and Ply partition on the right side. The table is provided with a readymade metallic CPU Holder with swivel facility & readymade key board drawer of engineering Plastics. shall be suspended below the table top. Quoted rates shall also include cost of polished white or steam beech wood moulding (finished 40x20 mm section) to edges of table top; polished white or steam beech wood lipping (6mm thick) to free edges of block board/ plywood surfaces; approved drawer - slides, concealed type auto-closing shutter hinges and locks with keys in duplicate; other necessary hardware and accessories including satin finish S.S. handles, knobs and wire - managers etc. of approved quality & the table top is finished with 5mm thick glass. Quoted cost of all tables must include: a. Readymade CPU Trolley (Make: INNOFITT SYSTEMS/ EBCO) b. Readymade metal Keyboard Tray (Make: INNOFITT SYSTEMS/ EBCO) c. Concealed auto-closing shutter hinges consisting of 2 springs d. Shutter/Drawer Locks with duplicate keys e. SS handles for Shutter/Drawer with matt-satin finish f. Wire manager of approved colour on table top Type 01 Table (6'-0" x 3'-0" x 2' x 2'6") (For OFFICERS)	1 2	NO.		
b.	Type 02 Table (5'-0" x 2' x 2'6") (For OFFICERS)		NOS		
c.	Type 04 Table (4' x 2'6" x 2'6") (For Clerk & SUBORDINATE STAFF) ,	3	NO.		

EM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
Ю.				RS. P.	RS. P.
8	CASH COUNTER (FOR TELLER)				
	Internal Size of the counter: 4.5'-0" (w) x 7'-0"(l) x 6'-6"(h) as per Branch Ambience				
	Standardised manual of the Bank conforming to the following specifications:				
	Providing fixing & fixing 3'-0" wide & 2'-6" high staff working top				
	made of 19mm thick BWP ply of approved make finished with 1.0 mm suede finish laminate of approved color of approved make .				
	The customer transaction top shall be 1'-0" wide projecting 9" on the customer side				
	at a height of 6" above the staff working counter thus making a total height of 3'-0".				
	at a neight of o above the stail working counter thas making a total neight of 5 o .				
	The customer top is made of 19mm thick ply of appr. make finished with	1			
	18mm thk. Approved granite complete with polish.				
	The front apron of the table shall be made up of 19mm ply				
	and shall be finished with 1mm thick seude finish coloured laminate				
	with 1/4" grooves at every 3" internal & with 1mm thk. Bi-color laminate				
	skirting. The Apron shall be made as slant at an angle.				
	Below the Working Counter there shall be a pedastal unit consisting of				
	2 sliding drawers on telescopic channels and bottom deep drawer				
	for keeping of note bundles on one side & metallic CPU trolley				
	on the other side with Acyrlic key board tray with slide channels &				
	foot rest in between for each of the cash counters as shown in the detail dwgs. All the specification of the drawer unit/CPU				
	trolley is same as that of Work station.				
	On the other side of the pedastal unit is the Side Credenzo/printer table				
	with a top row of 2 nos.drawers with telescopic channel and two bottom				
	openable/sliding shutters.The size of this side sredenzo is as specified				
	in the drawing: 3'(I) x 1'-6"(w) x 2'-6" (h).and is made of 19mm thk plywood				
	finished at the top with 1mm thk. Approved colored laminate and the drawers &				
	shutters of the side credenzo and pedastal unit is finished with 1mm thk.				
	Approved colored laminate There shall be 50mm 450mm slit opening on top				
	for printer paper feeding (bottom).				
	The inside of the counter, pedastal and side credenzo is finished with paint.				
	The counter shall have 1 1/2"x3/4" beech wood beading with melamine polish				
	Rate shall include cable manager in the counter and all hardware fittings				
	like S.S. Hinges,100mm "C" type S.S handles, S.S. multi-purpose locks,				
	aluminium sliding channels etc. P/F/F The front portion of Cash cage above the transaction top				
	(from 3'-6" to 6'-6" height) will be provided with 2 nos. of 12 mm thick				
	Toughened float glass & a cut out of 8" x 8" at the central				
	bottom part of the transaction top which has a shutter to lock.				
	There will be etching in the glass as per drawiing provided. The toughened				
	glass shall be fixed to the side partition by means of "D" S.S. bracket.				
	Providing fitting and fixing The intermediate/side/rear Partition of				
	Cash Cabins including Doors which shall be of same specification as Partly glazed				
	Low height Wooden Partition of Item No. 1 upto 6.5ft height only				
	as per Branch Ambience Standardised manual of the Bank				
	conforming to the following specifications :				
	with the exception that the 8mm thk. Glazing starts from 3'-0" upto 6ft				
	with pencil polish edges & etching as per drawing and also the				
	exception that the partition shall be finished with 1mm thk. Approved				
	laminate on both the sides. The partition top finished with 3" x 3/4"				
	Badam wood beading with melamine finish				
	The side partition shall be slant as per design and the side intermediate partition panel will have an opening of 8"x4" in the partition at 3ft level, finished with				
	melamine polish. Provision for extra wooden frame work of same section for	2	set		
	intermediate glazing to be included in the rate.	-	300		
,	Storage Filing cabinet & Side credenzo	145	Sqft		
	P/F/F Full height/Low Height Filing cabinet with laminate finish				
	1'-6" deep & upto false ceiling ht./2'-6" made of 19 mm thk. BWP plyboard with				
	intermediate shelves as per Branch Ambience standardised by Bank.				
	The back of the cabinet to be made of 6mm thk. BWP ply with a ply				
	skirting of 3" finished with 1.0 mm thk.bi color laminateThere will				
	be three sets of 19mm thk. Ply shutters above 3'-0" height below 3'-0"				
	height & above 7ft. Height.There will be vertical dividers of same ply wood				
	at approx. 3ft. apart on which the shutters are hinged. All exposed				
	surfaces are finished with 1.0 mm thk. color laminate.				
	of approved make . All exposed edges of the BWP ply & the block board are to be finished 1 1/2" x 3/4" edge beech wood beading.				
	which are to be melamine polished as directed. Cost of all hardware				
	fittings like S.S auto hinges, Multipurpose locks, magnetic catches, "D"				
	type steel matt finish metal handles shall be inclusive.				
		1			

ITEM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
NO.			Щ	RS. P.	RS. P.
10	PANELLING ON THE WALLS WITH LAMINATE FINISH IN PILLARS IN BRANCH				
	Wall Panelling / column encasing (upto False ceiling height) works as per Branch Ambience Standardised manual of the Bank				
	as per Branch Ambience Standardised manual of the Bank conforming to the following specifications :				
	Basic Framework: Aluminiun box section 50 x50 of 1.5mm thickness.				
	The framing shall be fixed at intervals of 2'0" c/c horizontally and vertically.				
	The framing shall be fixed with 6mm thick ply to form 4mm grooves				
	finished with 1mm thick approved color laminate of approved make .		I		
	The skirting shall be finished with 3" wide 1.00mm approved laminate of				
	approved make. Quoted rates shall include all necessary materials, accessories and labour				
	and also allow provisions for electrical/telephone/computer wiring conduits &				
	switch boxes etc. complete with necessary jacking /thickening of panels				
	to accommodate conduits/ switch boxes.(Materials for wiring conduits and	_			
	switch boxes shall be separately paid for).	600	Sqft.		
11	Door Frames:				
**	P/F/F Door frames made out of 4" x 3" /3" x 1.5" clear Steam Beech wood free of knots and				
	proper rebates and grooves be made before fixing to the wall & finished with melamine polish				
	with necessary approved M.S holdfast with split ends fixed with G.S.screws including grouting	0.25	CUMT		
	with 1:2:4 concrete in brick work and/or with rawl plug in RCC construction and/or properly	3.20			
	screwed and fixed in Partition as directed etc complete.				
12	PIN-UP NOTICE BOARD				
	Providing, fitting in position pin-up board made of soft cork board				
	finished with the fabric as approved, matching with the colour scheme	4.5	٠۲۰		
	of the banking hall with a R.W. moulding all around the edges.	15	Sqft.		
13	Split Level GYPSUM False Ceiling including Two coats of plastic paint	1,000	SQFT		
	Providing & fixing suspended gypboard false ceiling, which includes Providing	-,-00	'		
	& fixing G.I perimeter channels of size 27mm, 0.5mm thk having one flange of				
	20mm & another flange of 30mm along with perimeter of the ceiling, screws				
	fixed to brick wall/ partitions with the help of rawl plugs & Screws. Then				
	suspending G.I intermediate channels of size 45mm, 0.9 mm thk with two flanges of 15mm each from the soffit at 1200mm centres with stell G.I hanger of width				
	25mm, 0.5mm thk fixed to soffit with GI cleat & steel expansion fasteners.				
	Ceiling section of 0.5mm thickness having knurled wedge of 51.5mm and two				
	flanges of 26mm each with leafs of 10.5mm are then fixed to the intermediate				
	channel with the help of connecting clips and in direction perpendicular to the				
	intermediate channel at 450mm centres. 12.5mm tapered edge gypboard is then screwed fixed to ceiling section with 25mm dry wall screws at 230mm centres				
	Screwed fixed to ceiling section with 25mm dry wall screws at 230mm centres Screw fixing will be done mechanically either with screw driver or drilling				
	machine with suitable attachment. Finally the tapered and squared edges of the				
	boards are jointed at finished to give a flushed finish with requisite jointing				
	compound, paper tapes, finisher and premier suitable for Gypsum plaster				
	boards. The entire work shall be finished as per instructions of the Architect.				
	And also finished with two or more coats of acrylic emulsion paint of approved shade and make. No extra cost shall be entertained in completing the entire work				
	in all respect.NB : No extra cost shall be entertained in completing the entire work				
	items etc. Hangers have to be from the true ceiling.				
14	FALSE CEILING (Armstrong)	300	SQFT		
	Providing & fixing in position false ceiling in Armstrong Make 600 x600 mm x 15/16 mm Dune Microlook tile				
	with Regular Black reveal framework as specified by Armstrong Co.				
	with suspenders wherever required. Making cecessary				
	framework for A.C ducting, if any and cecessary cutouts for				
	diffusers and light fittings, taping and finishing to proper line				
	& level, including making grooves and trap doors for A.C				
	unit in 18mm thick M.R. Grade Plywood with Stainless Steel				
	hinges & locks with moulding 1" x 1" for edges including finishing with White Plastic Emulsion Paint etc. complete in all respects.				
	(Note- Only the plan area will be measured for payment.				
	No extra payment will be made for cutouts, grooves mouldings etc.)				

ITEAA	DESCRIPTION	ONTY	LUNUT	l patr	I AMOUNT
NO.	DESCRIPTION	QNTY.	UNIT	RATE RS. P.	RS. P.
15	WINDOW ROLLER BLINDS (VISTA MAKE) FOR COVERING THE WINDOWS	190	Sqft.		
	Providing, fitting in position 100mm ROLLER BLINDS made of best quality PVC coated polyester fabric of approved make				
	& shade & to be tailored to the size of the window.				
	It will have bottom pockets for housing bottom weights coupled together by				
	means of endless bead chain pivotally attached as per manufacturer's				
	specifications. The slats overlap should not be less than 12mm.				
	The slats movement will be on travelers assembled and should include				
	head channel, spline, shaft, slat traveler, slat spacer links, tilt control, slat carriers				
	bottom weights, linkage chains, channel mounting brackets, traversing cord				
	and fabric slats with all the necessary hardware's as per manufacturer's specifications.				
16	TRAP DOOR & BOXING FOR ROLLING SHUTTERS/COLLAPSIBLE GATE WITH ACP FINISH				
	Providing and fixing trap doors consisting of 1/4" thk. Marine ply				
	shutters with a clear opening of 4.5" opening for smooth operation				
	of shutters and rest is closed with mirror screws (for opening for servicing.)				
	The shutters shall be finished with approved ACP finish with all materials and frame of 2"x1 ½" teak wood sections shall be provided for				
	proper support and strength. Rate shall be inclusive of necessary	60	SQFT		
	fittings like hinges(hafele/ebco make), ball catches, tower bolts, etc.	00	JQII		
17	WOODEN SHUTTERS WITH FRAME FOR ELECTRICAL PANELS				
-	Providing and fixing 18mm thk. Fire retardant Ply shutters with same ply frame. Division of				
	shutters shall be made equally according to the length. Shutters shall be hinged to the				
	framework and finished with 1.0mm thk. Laminate of approved colour and shade on outer				
	side and inside finised with 2 coats of enamel paint of app colour and shade. Rate shall be inclusive of all necessary approved fittings like hinges, ball catch,150 mm long SS Brush	30	SQFT		
	Finish handle, tower bolts, locks, Aluminium powder coated air vent grills and necessary				
	hardware fitings complete, etc.				
18	WOODEN LUNCH PLATFORM (1' 6" WIDE) IN LAMINATE FINISH	11	R.FT.		
	Providing and laying Lunch Counter of 1'3" to 1'6" width (Clear width) and at 3 FT height				
	(finished top level) from floor of approved BWR ply wood 19mm thick supported on Steel L				
	angle bracket. The platform shall be finished with 1mm laminate and with polished T.W. edge moulding & should be cantilevered from the wall and in places where there is				
	window, it is to be supported on 18mm thick PLY backing from the floor. The ply surface to				
	be painted with enamel paint after applying putty and primer.				
19	Writing Ledge FOR BRANCH	1.0	NOS		
	Providing & fixing Writing ledge of size 750mm x 500 mm x 150mm with pigeon hole type box				
	below the top made out of 19mm block board finished with 1mm laminate fixed/ mounted on the wall with Angle Support. With a 12mm thick machine polished clear glass top fitted to the main				
	structure with 4 nos. 75mm high stainless steel studs.				
20	Suggestion Roy & Chaque Drop Roy FOR RPANCH	1.0	NOS		
20	Suggestion Box & Cheque Drop Box FOR BRANCH Providing & fixing Suggestion box of size (450mmm x 150mm x 300mm) made out of 12mm		NOS		
	block board finished with 1mm laminate and openable shutter with locking arrangement.				
21	Dismantling of existing banking counters, Cash Counters and all existing	1	JOB		
	partitions, false ceiling, Panelling as directed removing them from the premises,				
	shifting of almirahs from old position to the designated areas in the premises.				
	& removing of the rubbish from site as per local Municipality rules.				
	GROSS TOTAL				

TOTAL INTERIOR RENOVATION WORK OF JORA MANDIR BRANCH ON FIRST FLOOR BAGUIHATI , KOLKATA BANK OF BARODA

NO.		III. SCHEDULE OF QUANTITES FOR ELECTRICAL	AND ALL	IED WORK	S				
1.0 SWICKH/MCB 1.1 supply & erection of 415V/300V equipment individually on wall housed in MS enclosure with metal forth of cover for the following: 1.1.1 100A FP SFU with HRC fuse links as main incomer with cable entry box. 1.1.2 40A DP MCB Isolator for controlling LDB at exit gate. 1.1.3 25A DP MCB for UPS incomer & outgoing. 1.1.4 TPN Busbar chamber having 4 nos. 25x6mm CU Bars fixed on insulators. 2.0 DISTRIBUTION BOARD 2.1 Supply & erection of 415V, TFN wall mounting DB housed in Horizontal Double door DB box consisting of the following: 2.1 MDB: (I) Incomer: 1 No - 63A 4P MCB (10KA). (I) Outgoing-7 Nos 32.5P MCB (10KA). (IVF3 supply and LDB supply) 2.2.2 PDB / AC DB: (I) Incomer: 1 No- 100A 4P MCB Isolator. (I) Outgoing-1 Onos 10/30 SF MCB (10KA). (IVF3 supply and LDB supply MCB Individually as box consisting of the following: 3.1.1 LDB: (I) Incomer: 1 No- 32A 2P MCB(10KA) (II) Outgoing-1 Onos 40/10A SF MCB (10KA) (II) Incomer: 1 No- 32A 2P MCB(10KA) (II) Outgoing-1 Onos 40/10A SF MCB(10KA) (II) Outgoing-1 Onos 40/10A SF MCB(10KA) (II) Onos: 10A SF MCB(10KA) (III) A nos 6A SF MCB(10KA) (III) A nos 6A SF MCB(10KA) (III) A nos 6A SF MCB(10KA) (III) Onos: 10A SF MCB(10KA) (III) O	ITEM	DESCRIPTION	QNTY.	UNIT	R.A	TE	AM	OUNT	
1.1.1 Supply & erection of 415V/230V equipment individually on wall housed in MS enclosure with metal front cover for the following: 1.1.1 100A FP SFU with HRC fuse links as main incomer with coble entry box. 1 Each 1.1.2 40A DP MCB Isolator for controlling LDB at exit gate. 1.1.3 25A DP MCB for UPS incomer & outgoing. 1.1.4 17FN Busbar chamber having A nos. 25x6mm CU Bars fixed on insulators. 1 Each 1.1.5 Each 1.1.6 IFN Busbar chamber having A nos. 25x6mm CU Bars fixed on insulators. 1 Each 1.1.6 IFN Busbar chamber having A nos. 25x6mm CU Bars fixed on insulators. 1 Each 2.2 Incomer 1 No - 45A 4P MCB (10KA). 1 Incomer 1 No - 45A 4P MCB (10KA). 1 Incomer 1 No - 45A 4P MCB (10KA). 1 Incomer 1 No - 45A 4P MCB (10KA). 2.2 Incomer 1 No - 100A 4P MCB Isolator. 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1 Incomer 1 No - 32A 2P MCB (10KA) 1 Incomer 1 No - 32A 2P MCB (10KA) 1 Incomer 1 No - 32A 2P MCB (10KA) 1 Incomer 1 No - 32A 2P MCB (10KA) 1 Incomer 1 No - 32A 2P MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 2 nos - 10A SP MCB (10KA) 1 Incomer 1 No - 25A DP MCB (10KA) 2 nos - 10A SP MCB (10KA) 3 nos - 10A SP MCB (10KA) 4 nos - 10A SP MCB (10KA) 5 nos - 10A SP MCB (10KA) 6 nos - 10A SP MCB (10KA) 7 no	_				RS.	P.	RS.	P.	
Supply & erection of 415V/230V equipment individually on woll housed in MS enclosure with metal front over for the following: 1.1.1 100A FP SFU with HRC fuse links as main incomer with cable entry box. 1		SWITCH/ MCB							
1.1.2 40A DP MCB Isolator for controlling LDB at exit gate. 1.1.3 25A DP MCB for UPS incomer & outgoing. 2.0 DISTRIBUTION BOARD 2.1 Supply & erection of 415V, TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following: 2.2.1 MDB: 1) Incomer - 1 No - 63A 4P MCB (10KA). 1) Outgoing-7 Nos 32 SP MCB (10KA). 1) Outgoing-7 Nos 32 SP MCB (10KA). 1) Outgoing-1 Nos 32 SP MCB (10KA). 1) Incomer - 1 No - 100A 4P MCB Isolator. 1) Outgoing-1 Nos 16/20 SP MCB (10KA). 1) Incomer - 1 No - 32A 2P MCB(10KA). 1) Incomer - 1 No - 32		• • • • • • • • • • • • • • • • • • • •							
1.1.3 25A DP MCB for UPS incomer & outgoing. 1.1.4 IPN Busbar chamber having 4 nos. 25x6mm CU Bars fixed on insulators. 1 Each 10.0 <u>DISTRIBUTION BOARD</u> 2.1 Supply & erection of 415V. TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following:- 2.2.1 MDB: 1) Incomer: 1 No - 63A 4P MCB (10KA). 1) Outgoing- 7 Nos 32 SP MCB (10KA). (UPS supply and LDB supply) 1 Set 2.2.2 PDB / AC DB: 1) Incomer: 1 No - 100A 4P MCB isolator. 1) Outgoings- 10 nos 16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:- 3.1.1 LDB: 1) Incomer: 1 No - 32A 2P MCB(10KA) 1) Outgoing-10 nos 4A/10A SP MCB(10KA) 1) 1 no - 25A DP MCB(10KA) 1) 2 nos 10A SP MCB(10KA) 1) 2 nos 10A SP MCB(10KA) 1) 2 nos 10A SP MCB(10KA) 1) 1 no : 24 Hours Time switch (Leg rand / Stemens) 1) 2 nos. DP contactor, 20A rated (2 NO) 1) 2 nos Indicating Lamp(Orange & Red/ Blue) 8 actiery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 3.1.2 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.3 10 sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mitr 4.1.3 10 sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mitr	1.1.1	100A FP SFU with HRC fuse links as main incomer with cable entry box.	1	Each					
1.1.4 IPN Busbar chamber having 4 nos. 25x6mm CU Bars fixed on insulators. 2.0 DISTRIBUTION BOARD 2.1 Supply & erection of 415V, IPN wall mounting DB housed in Horizontal Double door DB box consisting of the following: 2.2.1 MDB: 1) Incomer- 1 No - 63A 4P MCB (10KA). 1) Outgoing- 7 Nos 32 SP MCB (10KA). 1) Outgoing- 7 Nos 32 SP MCB (10KA). 1) Outgoings- 10 nos 16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 LDB: 1) Incomer- 1 No - 32A 2P MCB (10KA) 1) Outgoing-10 nos 6A/10A SP MCB (10KA) 1) 1 no: - 25A DP MCB (10KA) 1) 2 nos 10A SP MCB (10KA) 1) 1 no: - 25A DP MCB (10KA) 1) 1 no: - 24 Houts Time switch (Leg rand / Siemens) 1) 1 no: - 24 Houts Time switch (Leg rand / Siemens) 1) 1 no: - 24 Houts Time switch (Leg rand / Siemens) 1) 1 no: - 24 Houts Time switch (Leg rand / Siemens) 1) 2 nos 16A rated 5P MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) 8 arthery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 2 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe profection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr	1.1.2	40A DP MCB Isolator for controlling LDB at exit gate.	1	Each					
2.0 DISTRIBUTION BOARD 2.1 Supply & erection of 415V. TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following:- 2.2.1 MDB: 3.1 incomer - 1 No - 63A 4P MCB (10KA). 3.0 (UPS supply and LDB supply) 4. PDB / AC DB: 3.1 incomer - 1 No - 100A 4P MCB Isolator. 3.0 Outgoings - 10 nos - 16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:- 3.1.1 LDB: 3.1.1 incomer - 1 No - 32A 2P MCB (10KA) 3.1.2 CDB: 3.1.3 incomer - 1 No - 32A 2P MCB(10KA) 3.1.3 in - 25A DP MCB(10KA) 3.1.3 in - 25A DP MCB(10KA) 3.1.3 in - 25A DP MCB(10KA) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.3 in - 24 Hours Time switch (Leg rand / Stemens) 3.1.4 rated 3P MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) 3.1.5 Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe profection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 5.0 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 5.0 Mtr	1.1.3	25A DP MCB for UPS incomer & outgoing.	4	Each					
2.1 Supply & erection of 415V, TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following: 2.2.1 MDB: i) Incomer: 1 No - 63A 4P MCB (10KA). ii) Outgoing-7 Nos 32 SP MCB (10KA). (UPS supply and LDB supply) 1 Set 2.2.2 PDB / AC DB: ii) Incomer: 1 No - 100A 4P MCB Isolator. ii) Outgoings-10 nos16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 LDB: i) Incomer: 1 No - 32A 2P MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) iii) 1 no - 25A DP MCB(10KA) iii) 2 nos10A SP MCB(10KA) iii) 6 nos6A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Bottery Back up: 1000 hours, load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following: 4.1.1 12 S sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr	1.1.4	TPN Busbar chamber having 4 nos. 25x6mm CU Bars fixed on insulators.	1	Each					
2.1 Supply & erection of 415V, TPN wall mounting DB housed in Horizontal Double door DB box consisting of the following: 2.2.1 MDB: I) Incomer - 1 No - 63A 4P MCB (10KA). I) Outgoing - 7 Nos 32 SP MCB (10KA). II) Outgoing - 7 Nos 32 SP MCB (10KA). II) Outgoing - 1 No - 100A 4P MCB Isolator. II) Outgoing - 1 No - 100A 4P MCB Isolator. II) Outgoing - 1 No - 16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 LDB: I) Incomer - 1 No - 32A 2P MCB(10KA) II) Outgoing - 10 nos 6A/10A SP MCB(10KA) II) Outgoing - 10 nos 6A/10A SP MCB(10KA) II) 1 no - 25A DP MCB(10KA) III) 2 nos 10A SP MCB(10KA) III) 6 nos 6A SP MCB(10KA) III) 6 nos 6A SP MCB(10KA) III) 1 no - 24 Hours Time switch(Leg rand / Siemens) III) 2 nos. DP contactor, 20A rated(2 NO) IIII) 2 nos. 10A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red / Blue) Bottery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS / HDP pipe protection near floor level and clamping as required for the following:- 4.1.1	2.0	DISTRIBUTION BOARD							
1) Incomer: 1 No - 63A 4P MCB (10KA). i) Outgoing- 7 Nos 32 SP MCB (10KA). (UPS supply and LDB supply) 1 Set	2.1	Supply & erection of 415V, TPN wall mounting DB housed in Horizontal Double							
ii) Outgoing- 7 Nos 32 SP MCB (10KA). (UPS supply and LDB supply) 2.2.2 PDB / AC DB: i) Incomer - 1 No- 100A 4P MCB Isolator. ii) Outgoings- 10 nos 16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 LDB: i) Incomer - 1 No- 32A 2P MCB(10KA) ii) Outgoing- 10 nos 6A/10A SP MCB(10KA) ii) Outgoing- 10 nos 6A/10A SP MCB(10KA) iii) 2 nos 10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following: 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr	2.2.1	MDB:							
ii) Outgoing- 7 Nos 32 SP MCB (10KA). (UPS supply and LDB supply)	ľ								
2.2.2 PDB / AC DB: i) Incomer -1 No - 100A 4P MCB Isolator. ii) Outgoings -10 nos16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 IDB: i) Incomer - 1 No - 32A 2P MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) ii) 2 nos 10A SP MCB(10KA) iii) 2 nos 10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos Indicating Lamp(Orange & Red/ Blue) Bartlery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire		ii) Outgoing- 7 Nos 32 SP MCB (10KA).							
i) Incomer -1 No- 100A 4P MCB Isolator. ii) Outgoings- 10 nos16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:- 3.1.1 LDB: i) Incomer- 1 No- 32A 2P MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) iii) 2 nos10A SP MCB(10KA) iii) 2 nos10A SP MCB(10KA) iii) 6 nos6A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DF contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos1 Indicating Lamp(Orange & Red/ Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 3.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.1 26 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.3 10 sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr		(UPS supply and LDB supply)	1	Set					
ii) Outgoings- 10 nos16/20 SP MCB (10KA). 3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following: 3.1.1 IDB: ii) Incomer- 1 No- 32A 2P MCB(10KA) iii) Outgoing-10 nos6A/10A SP MCB(10KA) 3.1.2 CDB: i) 1 no - 25A DP MCB(10KA) iii) 2 nos10A SP MCB(10KA) iii) 2 nos10A SP MCB(10KA) iii) 6 nos6A SP MCB(10KA) iii) 6 nos6A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) iii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS / HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr	2.2.2	PDB / AC DB:							
3.0 Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:- 3.1.1 LDB: i) Incomer- 1 No- 32A 2P MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) ii) 1 no - 25A DP MCB(10KA) ii) 2 nos10A SP MCB(10KA) iii) 6 nos6 A SP MCB(10KA) iii) 6 nos6 A SP MCB(10KA) iii) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. 10 Set House Time switch(Leg rand / Siemens) ii) 2 nos. 16A rated SP MCB (10KA). 2 nos1 Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr		i) Incomer -1 No- 100A 4P MCB Isolator.							
box consisting of the following: 3.1.1 LDB: i) Incomer 1 No- 32A 2P MCB(10KA) ii) Outgoing-10 nos6A/10A SP MCB(10KA) 3.1.2 CDB: i) 1 no - 25A DP MCB(10KA) iii) 2 nos 10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) 3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch (Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated (2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red / Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS / HDP pipe protection near floor level and clamping as required for the following: 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr	İ	ii) Outgoings- 10 nos16/20 SP MCB (10KA).	1	Set					
1) Incomer- 1 No- 32A 2P MCB(10KA) 1	3.0	Supply & erection of 230V SPN Wall mounting DB housed in SPN double door DB box consisting of the following:-							
ii) Outgoing-10 nos6A/10A SP MCB(10KA) 3.1.2 CDB: i) 1 no - 25A DP MCB(10KA) ii) 2 nos10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) 3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr									
3.1.2 CDB: i) 1 no - 25A DP MCB(10KA) ii) 2 nos 10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) 3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch (Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated (2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr									
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ii) 2 nos 10A SP MCB(10KA) iii) 6 nos 6A SP MCB(10KA) 3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 4.1 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.2 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr	3.1.2	CDB:							
iii) 6 nos 6A SP MCB(10KA) 3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated(2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr		i) 1 no - 25A DP MCB(10KA)							
3.1.3 TIMER D.B. FOR A.C. OF UPS BATTERY RM i) 1 no - 24 Hours Time switch (Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated (2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following: 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr									
i) 1 no - 24 Hours Time switch(Leg rand / Siemens) ii) 2 nos. DP contactor, 20A rated (2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up : 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS / HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr	İ	iii) 6 nos 6A SP MCB(10KA)	1	Set					
ii) 2 nos. DP contactor, 20A rated (2 NO) iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire	3.1.3	TIMER D.B. FOR A.C. OF UPS BATTERY RM							
iii) 2 nos. 16A rated SP MCB (10KA). 2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire		i) 1 no - 24 Hours Time switch(Leg rand / Siemens)							
2 nos Indicating Lamp(Orange & Red/ Blue) Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 DISTRIBUTION CABLE / WIRE Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr		ii) 2 nos. DP contactor, 20A rated(2 NO)							
Battery Back up: 1000 hours, Load: 3000 A with LED Display Power 4.0 4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 60 Mtr 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr		iii) 2 nos. 16A rated SP MCB (10KA).							
4.1 Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr	-		1	Set					
Supply & lay 1.1 KV grade PVCA CU cable on wall having MS /HDP pipe protection near floor level and clamping as required for the following:- 4.1.1 25 Sq mm 4 core CU with 2 nos 10 SWG GI wire 4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr		DISTRIBUTION CABLE / WIRE							
4.1.2 16 Sq mm 4 core CU with 2 nos 10 SWG GI wire 50 Mtr 4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr									
4.1.3 10 sq mm 4 core CU with 2 nos 12 SWG GI wire 50 Mtr	4.1.1	25 Sq mm 4 core CU with 2 nos 10 SWG GI wire	60	Mtr					
	4.1.2	16 Sq mm 4 core CU with 2 nos 10 SWG GI wire	50	Mtr					
	4.1.3	10 sq mm 4 core CU with 2 nos 12 SWG GI wire	50	Mtr					
4.1.4 6 sq mm 4 core CU with 2 nos 12 SWG GI wire	4.1.4	6 sq mm 4 core CU with 2 nos 12 SWG GI wire	30	Mtr					
4.1.5 2.5 sq mm 2 core CU for UPS Plate Earthing 40 Mtr	4.1.5	2.5 sq mm 2 core CU for UPS Plate Earthing	40	Mtr					

ITEM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
NO.				RS. P.	RS. P.
4.1.6	4 nos. 16 sq. mm. CU flexible wire through GI flexible pipe complete with end termination with CU sockets. (Meter loop connection with Main SFU & Busbar)	10	Mtr		
4.2	Making end termination of 1.1 KV grade PVCA CU cable with supply of cable end box , brass Gland, CU crimping socket & jointing materials as required for the following:-				
4.2.1	25 Sq mm 4 core CU	2	Each		
4.2.2	16 Sq mm 4 core CU.	2	Each		
4.2.3	10 sq mm 4 core CU.	6	Each		
4.2.4	6 sq mm 4 core CU.	4	Each		
4.2.5	4 sq mm 2 core CU	10	Each		
5.0	16A RAW POWER OUTLET POINT WIRING Wiring for Power outlets from DB with 1.1 KV grade 2x 2.5+1x1.5 PVC insulated copper conductor wire (FR) through suitable size PVC conduit complete with 1 no 6/16A socket with 16A control switch in suitable size modular box with front plates (Cabtree Legrand), junction box, circular box elbows etc and all other accessories surfaced on wall above false ceiling and concealed by chase cutting on wall & making connection complete. (Maximum 2 nos. sockets cluster in one circuit connecting by looping method).	3	Each		
6.0	A.C. POWER POINT WIRING A.C. power point wiring from PDB with 1.1KV grade 2 nos. single core 4.0 sq. mm + 1 no. 2.5 sq mm (Green colour for Earthing) PVC insulated copper conductor wire (FR)through suitable size PVC pipe on wall / ceiling surface with all wiring accessories. The work includes supply & fixing by chase cutting on wall, North West /Cabtree make Starter 18-25A (MS housed) unit with 25A socket & matching Plug top complete with all interconnections for 1.0/1.5/2 Ton ACs. (due to shiffing of A.C position as per furniture layout)	8	Each		
7.0	Wiring /cabling with 660/1100 V grade PVC insulated multi stranded copper wire/cable(FRLS) through ISI marked minimum 2-20 mm (max) thick PVC conduit with junction box, circular box, elbows, bends, couplers and other accessories concealed (below the false ceiling) or by chase cutting on wall/floor or on surface by bar saddles.		,		
7.1.1	2X4 + 1X 2.5 sq mm. (FOR Glow sign supply,LDB Supply, UPS POWER INPUT & OUTPUT WIRING)	400	Mtr		
7.1.2	1X6 SQMM CU wire for earthing	100	Mtr		
7.1.3	2X2.5 + 1x1.5 sq mm. (for UPS & Raw power Circuit)	300	Mtr		
8.0	POINT WIRING:				
8.1	Supply & wiring with 3x1.5 sq. mm 1.1 KV grade PVC S/C multistrand CU wire (FR) in suitable size PVC conduit & accessories having control board with modular switch mounted on suitable front plate and housed in recessed MS box. The point wiring also include circuit				
	wiring with 1.1 KV grade 2 nos. single core 2.5 sq. mm +1 no. single core (green colour for Earth) PVC insulated flexible copper conductor wire through suitable size PVC conduit from DB to Switch board, interconnection and mending good all damages to original finish. (Max.8-10 points or 700-800Watts per Circuit is allowed).				
8.1.1	One Light controlled by 6A switch	20	Each		
8.1.2	Two Light controlled by 6A switch	9	Each		

ITEM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
NO.				RS. P.	RS. P.
8.1.3	Three Light controlled by 6A switch	3	Each		
8.1.4	Exhaust Fan point with 6A switch	3	Each		
8.1.5	Bracket fan point with 6A switch	14	Each		
8.1. 6	Modular type 6A switch, 1 no. 6A 5 pin socket point mounted on suitable front plate on separate switch board other than light / fan switch board. (Power to be tapped from nearest S.B/ LDB).	10	Each		
8.1.6	Call bell point with bell push and bell (for manager's Chamber).	1	Each		
9.0 9.1	COMPUTER POWER OUTLET CLUSTER POINT WIRING				
,	Computer socket outlet cluster point wiring with 1.1KV grade 2x 2.5 + 1x1.5 sq. mm. PVC insulated flexible copper conductor wire(FR) through suitable size PVC conduit with all accessories up to connection of 2/3 nos. sockets cluster in one circuit connecting by looping method. The work includes supply and fixing of sockets outlet cluster components as detailed below:-				
	1 nos 16A modular type switch.				
	3 nos 6/16A 5 pin modular type socket				
	1 each no Front plate & MS box.				
	(for Each Table & counters)	10	Each		
	,				
10.0	FAN & EXHAUST FAN				
10.1	Supply, erection and connection of 400 mm 230V oscillating type wall mounted bracket Fan.(FULLY METAL BODY)	14	Each		
10.2	Supply, erection and connection of 225 mm 1400 rpm, 230V Heavy duty exhaust Fan with wire guard net including wall cutting and finishing.	3	Each		
11.0	<u>Call Bell</u>				
	Supply and fixing of call bell with modular type push complete with plate & box to be fixed (1 each in Floor)	1	Each		
12.0	LIGHT FITTINGS				
	Supply, erection and connection of fluorescent / compact fluorescent / mini halogen fitting with lamp, ballast / Transformer and other accessories for the following as per approved Brand/Make of Materials.				
12.1.1	36 W 2 X 2 LED LIGHTS	16	Each		
12.1.2	15 W LED DOWN LIGHTERS	20	Each		
12.1.3	20 W LED TUBE LIGHT	11	Each		
12.1.4	24W 5 MTS LED STRIP LIGHT (considered as set) in the drop celing area with necesarry interconnection and driver set	8	set		
13.0	<u>EARTHING</u>				
	Supply and election Earth station with 600 x600x3mm GI Plate with earth strip / wire connecting arrangement including excavation and back filling with 25 mm dia GI pipe for watering.(for UPS & LIGHT FAN Earthing)	1	Each		
	Earthing Report to be submitted along with the Bill.	'	Edcii		
13.1.2	Supply and erection of masonry pit for each Earth station having CI/RCC inspection cover.	1	Each		
14.0	Supply and erection of earth bus on wall (min. length 0.3 mtr.) on insulator with drilled holes on the bus with GI bolt , nut , washer etc for the following:-				
14.1.1	With (25x6) mm GI flat	1	Each		
14.1.2	With (25x3) mm CU flat	1	Each		
	Supply and lay GI flat for earthing underground /on wall including connection for the following:-	20	A41		
15.1	(25x3)mm GI flat	30	Mtr		

ITEM	DESCRIPTION	QNTY.	UNIT	RATE	AMOUNT
NO.				RS. P.	RS. P.
17	Supply and erection of modular type telephone outlet RJ11 mounted on				
	suitable front plate housed in recessed MS box.	4	Each		
18	COMPUTER LAN SYSTEM:				
a)	Supply Laying & connection of CAT-6 wire through 25mm PVC rigid				
	pipe from HUB to IO box all complete with accessories & 16SWG				
	pull out wire for drawing data cable.	300	Mts.		
b)	Providing & fixing I/O Box with RJ 45 socket	10	Nos.		
c)	PATCH CORD 1 MT LENGTH	10	Nos.		
d)	PATCH CORD 2MT LENGTH	10	Nos.		
e)	24 port Patch Panel	1	job		
f)	10/100 MBPS 24 PORT SWITCH	1	job		
19	Providing Temporary Provision for running the Branch while the renovation	1	job		
	is going on by providing Temporary LAN & other Electrical Connection.				
20	DISMANTLING WORK:				
	Dismantling of electrical items like light fitings, fan, wires, switches,				
	boards etc along with all allied items like LAN and Telephone wires	1	job		
	and all items dismantling as per need of the site.				
	GROSS TOTAL				

APPROVED MAKE OF MATERIALS

1	False Ceiling / Channels	India Gypsum / Armstrong /AMF / Saint Gobain
2	Aluminium Frame Work / Aluminium Section	Jindal / TATA
3	Wood Skirting / Moulding / Lipping / Beading	C P Teak
4	Wood Preservative	STP Pentaphene Pale / Termiseal by PCI / Bison by British Paint
5	Fire Reterdant Paint	Industrial grads of Noble / Viper
6	Marine Ply with ISI : 710 mark	Century / Greenply / Sylvan/ Archid / Austin / Avenger
7	BWP Block board (IS : 1659) Flush Door	Century / Greenply / Sylvan/ Archid / Austin / Avenger
8	Laminate (1.0 mm thk.)	Formica / Greenlam /Centurymica / Sunmica
9	Door Closure (Heavy Duty)	Ebco / Ozone / Dorma / Godrej
10	Floor Spring (Heavy Duty)	Ebco / Ozone / Dorma / Godrej
11	Door Lock (Dead)	Godrej / Ebco
12	Door Handles	Godrej / Hafele /Hettich / Ebco
13	Drawer / Storage Handle	Godrej / Hafele /Hettich / Ebco
14	Drawer / Storage Lock (Multipurpose)	Godrej / Hafele /Hettich / Ebco
15	Night latch	Godrej / 4C Acme
16	Screws	GKW / Nettle fold
17	Hinges	CIEF
18	Sliding Telescopic Drawer Channel	Ebco / Kombo / Efficient Gadjets / Innofit / Palam
19	Cable Organiser	Ebco / Innofitt Systems (CM 63.C)
20	Adhesive	Fevicol SH / Araldite
21	Soft Board	Jolly Board
22	Vertical / Roller Blinds	Mac / Vista / Wincab
23	Glass	Modiguard /AIS / Saint Gobain
24	Paints (Synthetic Enamel / Acrylic Emulsion)	Asain Paints / Berger / Dulux
25	PVC Flooring	Krishna Vinyl / Armstrong / Birla
26	Texture Paint	Asain Paints / Berger / Dulux
27	WPC 3DPanel	Alutuff / Murrato
28	European WC / Washbasin	Hindware /Parryware
29	Sanitary Fittings	Jaquar / Hindware
30	G.I. Pipe	Tata (Medium) / Jindal
31	Cement	Ultratech / Ambuja / ACC
32	Footmat	Birla 3M / Approved Equivalent
33	Vitrified Tiles	Johnson / Kajaria / Nitco / ASL
34	Ceramic Tiles	Johnson / Kajaria / Nitco / ASL
35	Polyester fibre panels/ Acoustics wall panel	Times / Amstrong / Anutone
36	ACP	Alucobond / Alstone / Euroboard
37	Wooden Flooring	Pergo / Armstrong / Egger or similar
38	Carpet tiles	Unitex / Modulyss / Japan
39	Veneer (4 mm.)	Century / Green
40	Corian (6 mm.)	DUPOINT/HI-MAC/ STARON / Merino or equivalent
41	Glass Eatching Film	Garware / 3M / LG

1	Switch fuse / fuse switch units (HRC) (32A TPN &	L & T / Siemens/ Schneider/ ABB/ Legrand
	above)	
2	Timer (TSQ 100)	L&T
3	Voltmeter & Ammeter	A. E. / IMP
4	Voltmeter & Ammeter selector switches	KAYCEE / L & T / Siemens
5	Phase indicating lamp	L&T, Vaisno, Teknic
6	Capacitor	CROMPTON/SIEMENS
7	HRC fuses	GE power / SIEMENS / L & T / SCHNEIDER
8	Power Cable : XLPE Al armoured (ISI marked)	POLYCAB / HAVELLS / NICCO
9	HRC fuse base & carriers.	GE power / SIEMENS / L & T / SCHNEIDER
10	1.1KV grade PVC insulated & sheathed / insulated copper wire & flexible cords (ISI marked).	POLYCAB / FINOLEX / HAVELLS
11	RCCB / ELCB / MCCB	LEGRAND / SIEMENS / HAGER / HAVELLS
12	Switch fuse with rewirable fuses. (6A - 32A TPN)	LEGRAND / SIEMENS / HAGER / HAVELLS
13	Isolator / MCB	LEGRAND / SIEMENS / HAGER / HAVELLS
14	Changeover switch (on load type)	LEGRAND / SIEMENS / HAGER / HAVELLS
15	MCB distribution board (Double Door)	LEGRAND / SIEMENS / HAGER / HAVELLS
16	Distribution fuse board with rewireable fuses	LEGRAND / SIEMENS / HAGER / HAVELLS
17	6/16 Amp modular switch / socket, module plate & mounting M.S. / PVC box.	CRABTREE / LEGRAND / ANCHOR
18	16/25 Amp., 2 module electronic regulator	CRABTREE / LEGRAND / ANCHOR
19	Ceiling rose	KAY / EPP / ANCHOR / JJ
20	Holder	KAY / EPP / ANCHOR / JJ
21	Alarm bell	KHERAJ / GETCO / KONE / ANCHOR
22	PVC conduits	CAP/Finolex/Polycab
23	Compression type brass gland	DOWELLS / JOHNSON / COMET
24	Cable termination socket	DOWELL'S
25	Light fitting & lamps	PHILLIPS / HAVELLS / WIPRO / OSRAM
26	Ceiling / Wall Mounted Fan	CROMPTON / USHA / BAJAJ / HAVELL'S
27	Exhaust fan	CROMPTON / POLAR / KHAITAN / HAVELL'S
28	Industrial type socket & top	HAVELL'S / CROMPTON / LEGRAND
29	Telephone / TV cable	Delton, Skyline, Finolex, Rallison, Batra Henley
30	STARTERS	NORTH WEST / CABTREE
31	RACKS	ComRack / HCL / ValRack / APW President
32	All other items not covered above	As per sample approved by Bank