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Punjab & Sind Bank

(A Govt. of India Undertaking)

Where service is a way of life

PUNJAB & SIND BANK

**Zonal office: 30-31, Mohan Tower, Prince Road, Vidyut Nagar
Ajmer Road, Jaipur, Rajasthan-302021
Ph: 0141-2358628, 2359352, 2358350**

Short Term Notice for Interior Furniture Work of Branch

Sealed tenders are invited from **Furnishers/Contractors** for interior furnishing, electrical & Air-Conditioning work of Punjab and Sind Bank, Branch at Churu.

Earnest Money: Rs.30,000/- (Rupees: Thirty Thousand Only) by demand draft of any Nationalized bank, payable at Jaipur and drawn in favor of "PUNJAB & SIND BANK"

Date of tender issue : 29/08/2025

Time and date of submission of tender: On or before 5:00 P.M. : 18/09/2025

Time and date of opening of Tender: At 3:30 P.M. : 19/09/2025

NOTICE INVITING TENDER

Dear Sir,

Subject: Tender for Proposed Interior Furnishing, Electrical and Air Conditioning works from Furnishers/Contractors for Punjab and Sind Bank Branch: Churu, District- Churu (Rajasthan).

The Zonal Office Punjab and Sind Bank, 30-31 Mohan Tower, Prince Road, Vidyut Nagar, Ajmer Road, Jaipur Rajasthan- 302021 invites tenders, in duplicate, for the afore said work. Tender copies will be available for free download from the website of Bank "<http://www.punjabandsindbank.co.in> from **29/08/2025 to 18/09/2025**".

Tenders should be submitted to the office not later than **05:00 Hrs. on 18/09/2025.**

The Earnest Money Deposit of Rs.30,000/- (Rupees Thirty Thousand only) by Demand Draft or Banker's Cheque shall be submitted along with the tender in separate sealed envelope. Defect Liability and free maintenance period shall be twelve months from the date of virtual completion of the works; Validity of offer shall be 120 days from the date of opening of the tender.

Sealed tenders, in the prescribed tender form as:

Envelope 1: Filled BOQ and accepted terms & conditions. Envelope should be super scribed "Tender Document".

Envelope 2: EMD of Rs. 30,000.00 in form of demand draft favoring "Punjab & Sind Bank" payable at Jaipur. Envelope should be super scribed "Earnest Money"

Envelope 3: Financial Bid

The entire two envelopes 1, 2 should be addressed to The Zonal Manager, Punjab and Sind Bank, 30-31 Mohan Tower, Prince Road, Vidyut Nagar, Ajmer Road, Jaipur Rajasthan- 302021 and super scribed **"Tender For Proposed Interior Furnishing, Electrical and Air Conditioning work for Punjab and Sind Bank branch at Churu, District- Churu (Rajasthan)"**

Tenders should be submitted to the office not later than 05:00 PM. on 18/09/2025. The bids shall be opened at 03:30 PM, on 19/09/2025.

In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.

The Bank does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all tenders, either in whole or in part, without assigning any reason for doing so.

Thank you.

Yours Faithfully,

-sd-

Zonal manager

Bid are invited from interior and furnishers in 02 (two) separate sealed envelopes for furnishing of branch at Churu. BOQ for captioned furnishing work and terms & conditions are mentioned below. Please deposit the BOQ filled up and terms & conditions duly accepted, on or before 5:00 P.M, 18/09/2025. The BOQ and terms & conditions received after the expiry date and time will not be entertained in any case. Two envelopes should contain the following: -

Envelope 1: Filled BOQ and accepted terms & conditions. Envelope should be super scribed "Tender Document".

Envelope 2: EMD of Rs. 30,000.00 in form of demand draft favoring "Punjab & Sind Bank" payable at Jaipur. Envelope should be super scribed "Earnest Money"

Envelope 3: Financial Bid

GENERAL TERMS & CONDITIONS

1. The contractor will strictly adhere to the design/specifications of the bank as per lay out plan enclosed. Any detail classifications given by M/s. Rathore Architects and Associates under whose supervision the work shall be done.
2. Payment of 75% of amount will be made on receipt of bill duly measured, verified and recommended by the Officer-in-charge of the bank and the Architect.
3. Penalties will be imposed in case of infringement / delinquencies / defaults / misconduct / misdemeanors which may also include permanent ban on issue of tenders and removal from the bank's empaneled list.
4. Income tax etc. shall be deducted as per rules.
5. No escalation in rates shall be admissible.
6. No advance payment shall be allowed.
7. After completion of work, submit your final bill, which should be accompanied by the certificate from architect regarding measurement and quality etc.
8. Rates quoted will be exclusive of GST.
9. No subletting of work shall be allowed.
10. No dubious words such as negotiable or discount/concession etc will be used in the tender documents. Use of such words will lead to disqualification.
11. The contractor who is awarded the work will have to retain/deposit 10% of the contract amount of furnishing work excluding the Air Conditioner work as security for one year.
12. TDS wherever applicable as per government rules will be deducted at source.
13. The work should be completed within **30 days** from the date of the work order issued to the contractor to commence the work.
14. The Contractor shall inform the Consultant/Bank in writing before initiating any stage of fabrication or finish whatsoever the case may be. If the contractor fails to complete the work within stipulated time or any extended time allowed by the Consultant/Bank, penalty for the sum of **Rs.5000/- per week** shall be imposed to the contractor, till the work is completed in all respect.

ANNEXURE-II
(AGREEMENTS SHOULD BE DRAWN ON RS.100 STAMP PAPER)
ARTICLES OF AGREEMENT

Agreement made at..... this.....day of.....between Punjab and Sind bank.....herein referred to as bank which expression shall include its heirs, executors administrators and assigns of the one part andherein referred to as the successful tenderer/contractor which expression shall include his heirs, executors, administrators and assigns) of the other part WHEREAS Bank is desirous of carrying out the work..... and has cost specifications etc. describing the work to be done as per schedule of quantities, along with the general conditions of the contract, special conditions, additional conditions etc. and whereas the contractor has agreed to execute the work described in set once schedule of quantities, general conditions of contract special conditions, additional conditions at the respective rates mentioned in the price schedule of quantities attached.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In the consideration of the payment to be made to the contractor as herein provided he shall upon and subject to the said condition execute and complete the works as per the said conditions and price schedule of quantities
2. The bank shall pay the contractor such sums as shall become payable here under at the times at in manner specified in the conditions.
3. The said conditions shall be read and form part of the Agreement and the parties hereto will respectively abide by and submit themselves to the conditions and stipulations and perform the agreement on their parts respectively on such conditions contained
4. All disputes arising out of in any way connected with this Agreement shall be deemed to have arisen in Jaipur and only the Court/Arbitrator in Jaipur shall have jurisdiction to determine the same.
5. The several parts of this contract have been read to us and fully understood by us. The following documents shall be deemed to form and to read construed as part of this agreement, viz
6. The following documents shall be deemed to form and to read construed as part of this agreement, viz
 - a)
 - b)
 - c)
 - d)

(WITNESS)

(BANK)

(CONTRACTOR)

Annexure III
Bid Securing Declaration Form

Zonal Manager
Punjab & Sind Bank
Zonal Office, 30-31 Mohan Tower,
Vidyut Nagar, Ajmer Road, Jaipur
Pin Code-302021

Dear Sir

Reg: Furnishing, Electrical and Air Conditioning work for Punjab and Sind Bank, Branch: Churu, Distt. Churu, (Rajasthan).

I/We the undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid, or
- b) Having been notified of the acceptance of our Bid by the purchaser during the period of bid validity (i) fail or reuse to execute the contract, if required, or (i) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (1) the receipt of your notification of the name of the successful Bidder, or (6) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)

in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing he Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on.....day of.....(insert date of signing)

Corporate Seal (where appropriate).

GENERAL CONDITIONS
ANNEXURE IV

1. Sealed tenders should be addressed to Punjab and Sind Bank Zonal Office Jaipur and super scribed "Interior Furnishing, Electrical and Air Conditioning Works for Punjab and Sind Bank Branch: Churu, Distt. Churu (Rajasthan)" and should reach the bank before 05.00 PM on 18.09.2025.
2. No tender will be received after 05.00 PM on 18.09.2025, and the tenders will be opened on 19.09.2025, at 3.30 PM unless otherwise informed
3. The tenders will remain valid for a period of 90 days from the date of opening of tenders. Bank reserves the right to accept or reject any or all the tenders without assigning any reason to do so.
4. The tenderers should quote the rates in figures as well as in words.
5. All erasures and alterations made while filling the tender must be attested by initials of tenderer Overwriting of the figures is not permitted.
6. At the time of submission, every tender must be accompanied by a Demand Draft of Rs.30,000/- In favor of Punjab and Sind Bank, Jaipur as Earnest Money Deposit. No interest will be paid on earnest money. Any tender which is not accompanied by the earnest money shall be summarily rejected.
7. The Bank reserves the right to reject any or all the tenders, accept part of any tender or entrust the entire work to any contractor or divide the work to more than one contractor (item wise) without assigning any reason or giving any explanation. The rates quoted by the contractor will hold good for this bifurcation and no compensation will be paid on this account
8. On receipt of intimation from the Bank of the acceptance of his tender, the tenderer within 3 days should submit his acceptance of the work order. If the successful tenderer fails to undertake the work the earnest money deposited by him will be forfeited and the acceptance of his tender may be withdrawn
9. The rates quoted in the tender shall include all charges of scaffolding, lift, any tools and plants, railway freight, labour conditions and fluctuations in the rates, excise duty, all taxes including, octroi and any other charges or expenditure for carrying out the work. GST shall be paid as per Bank's guidelines, if applicable.
10. Water and electricity shall be provided by the bank for completing the work free of cost at one point.
11. No escalations in rates will be allowed under any circumstances.

12. The successful tenderer is bound to carry out entire work within the period stipulated in the appendix. The tenderer will have to pay liquidated damages for non-completion of job within stipulated period penalty for the sum of Rs.5000/- per week after expiry of period of completion.
13. The liquidated damages as mentioned above may not be enforced if the Contractor applies for extension of time mentioning the reasons for extension. Extension of time in days will be granted by the Bank if it is proved that Contractor is not at fault for extending the work beyond stipulated date of completion.
14. The successful tenderer is bound to carry out items of work necessary for completion of job even though the same are not included in the schedule of quantity. Rates of extra items will be derived from the tender. In case the rates do not exist in the tender and extra item is not similar to tender item, then the rates will be worked out on the prevailing market cost of material and labour including wastage plus 15% towards tax and Contractor's profit.
15. The Contractor must co-operate with other contractors appointed by the bank so that entire work shall proceed smoothly with least possible delay and to the satisfaction of the bank.
16. The Contractor shall remove all malba etc, wash and clean the floors at his own cost and handover the site in proper manner on the completion of work.
17. The tenderer shall acquaint himself with the site conditions, making his own arrangement for storing of material at site, lift, cartage etc.
18. Eight percent of the value of work done shall be deducted as security deposit from the running bills of the Contractor and will be retained for defects liability period (as mentioned in the Appendix) and shall be released after the defects liability period, provided no defects are noticed during the period. The security deposit includes earnest money deposited by the Contractor with the tender.
19. The contractor will attend to all defects noticed during defect liability period. If the contractor fails to attend the defects, these defects will be rectified by the Bank and the expenditure incurred on this account will be recovered from security deposit.
20. The contractor shall make adequate arrangement for watch and ward of his material and shall ensure the safety, breakage and any theft of material fixed or unfixed by him or other sub-contractors.
21. The work executed should be approved by the Bank and contractor shall rectify any bad workmanship pointed out at any stage and remove from site all the rejected materials immediately.

22. The contractor shall be responsible for application of labour laws, compensation for injury and accident to person, whether employed by him or by his sub-contractor.
23. The contractor will take necessary precautions for carrying out the work avoiding any damage to structures/decorative parts of the property. The contractor will rectify any damage done at his cost.
24. The contractor shall ensure that workmen employed by him for execution of work are suitably covered against Workmen's Compensation Act and that all liabilities arising out of Workmen's Compensation Act, ESIS and other legislative enactments applicable to such works and workmen shall be to the contractor's account.
25. Furnishing works will be carried out as per bank's standard drawings/specifications and to the entire satisfaction of the Bank.
26. The contractor shall give due notice to the bank to check measurements of any work which is likely to be hidden before covering the same.
27. The contractor will submit running bills for the value of work done not less than interim payment (as mentioned in the Appendix) mentioning full nomenclatures of items, rates, amount, measurements sheets reasons for part rates claimed, if any.
28. In case of non-completion or delay in completion of work or removal of defects in time, the bank shall be free to appoint another agency to get the job done at contractor's risk and cost.
29. For fixed as well as loose furniture rates quoted by the contractor will be inclusive of all taxes, including sales tax, octroi, transportation etc. and no extra amount will be paid on this account.
30. Income-tax, Work Contract Tax and any other tax as applicable will be deducted at source from the contractor's bill and will be deposited with the ITO./Sales Tax Department as per rules.
31. The bank may delay the progress of work without, in any way, vitiating the contract and grant such extension of time for the commencement completion of the contract as it may think proper and sufficient in consequence of such delay and the contractor shall not make claim for compensation or damage in relation thereof.
32. The contractor will not execute any extra item without Bank's permission in writing.
33. The quantities mentioned in the schedule of quantities are approximate. Payment will be made on actual work done by the contractor However, the contractor should not deviate the quantity without Bank's permission.
34. A conditional tender quoted by the tenderer is liable to be rejected.

35. The Bank has a right to alter the nature of work and to add or omit any item of work or to have the option of the same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to this contract.
36. The Bank has right to terminate the contract, if the contractor abandons the work, or fails to commence and complete the work in time, or fails to abide by the contract conditions.
37. **Variation / Deviation in Tender Quantities:** The price of all such additional items/non-tendered items will be worked out on the basis of rates quoted for similar terms in the contract wherever existing or on engineering rate analysis based on prevalent fair price of labour, material and other components as required. The tender rates shall hold good for any increase or decrease in the tendered quantities up to variation of 25%. For variation beyond 25%, the rate for the respective item will be arrived based on the market rate.
38. **Substitution:** Should the contractor desire to substitute any materials and workmanship, he/they must obtain the approval of the Employer Architects in writing for any such substitution well in advance. Materials designated in this specification indefinitely by such term as "Equal" or "Other approved" etc. specific approval of the Employer/Architects has to be obtained in writing.
39. **Concealed Work:** The contractor shall give due notice to the Employer whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise, becoming inaccessible later on, in order that the work may be inspected and correct dimensions taken before such burial, in default whereof the same shall, at the opinion of the Employer be either opened up for measurement at the contractor's expense or no payment may be made for such materials, should any dispute or difference arise after the execution of any work as to measurements etc or other matters which cannot be conveniently tested or checked, the notes of the employer shall be accepted as correct and binding on the contractor
40. **Advance Payment and Secured Advance:** Advance payment for works actually executed but not measured and billed for, should not be made generally. Payment should only be made after the detailed measurements of the work are taken and recorded and the contractor's bill for the same is approved by the Competent Authority. However, advance payments on the running bills to the extent of 75 % of the Architect certified amount may be made wherever found necessary. In such cases it shall be ensured that the test checking of the measurements & scrutiny of bills are completed before payment of the next running bill. Secured advances against the security of materials brought to site may be made to the contractors whose contract is for finished work in such cases, the Competent Authority may sanction advances up to an amount not exceeding 75% of the value (invoiced/assessed value) of such materials, provided that they are of a durable/non-fragile nature and that an Indemnity Bond is drawn up with the, contractor under which the Bank secures a lien on the materials and is safeguarded against losses due to the contractor postponing the execution of the work or to the shortage or misuse of the materials, and against the expense entailed, if any, for their proper watch and safe custody. Recoveries of advances so made should not be postponed until the whole of the

work entrusted to the contractor is completed. They should be made from his bills for works done as the material are used, the necessary deductions being made whenever the item of work in which they are used are billed for Secured advances against the security of material brought to site will be made for works having value more than Rs.10 lacs and the stipulated time of completion is more than one month.

41. **Arbitration:** In case of any dispute between Bank and Contractor, the decision taken by the Arbitrator who will be appointed by the bank will be final.

ANNEXURE-V
APPENDIX REFERRED TO IN THE GENERAL CONDITIONS

1. Defects liability period (DLP): 1 year
2. Date of commencement: Next day from date of issue of award letter
3. Stipulated period for completion: 10 from date of issue of award letter
4. Minimum value of work done for interim payment: 75 % of the contract amount
5. Retention Deposit: 10% of all running Bill
6. Security deposit: 50,000/-
7. Liquidated damages for non-completion of :5000/- per week work within stipulated period
8. The Security Deposit shall be refunded after the completion of defects liability period. The Security money shall not carry any interest and shall be retained interest free by the Bank

SPECIAL CONDITIONS OF CONTRACT

(To be modified while inviting tender as per the site requirement/nature of work)

1. Intending tenders shall visit the site and get acquainted with site conditions and activities during the working hours before quoting the rates.
2. All measurements shall be made as per CPWD norms.
3. Site should be cleaned every day and all the unusable material/melba shall be removed from the site and usable material shall be stocked properly so that there is no hindrance for staff and public failing which bank will remove the same at their level and suitable amount shall be recovered.
4. The contractor should shift office furniture / cabinets etc. required during execution of work and rearrange the same in the desired position after completion of the work as per the direction of the bank.
5. The work should be carried out as per latest CPWD specification and as per the standard engineering practice.
6. The contractor will take all necessary precautions for carrying out the work avoiding any damage to the structure. Partition, paneling etc. before execution of job. If any damage is occurred during the execution, the contractor will rectify the damages done at his cost.
7. The contractor shall employ competent supervisor for the work who shall be available (by turn) throughout the working hours to receive and comply with instruction of the employer.
8. The work permit shall be issued for 24 hours, however, being the restricted / controlled area most of the work is to be carried out after working hours and holidays for completion of work within the stipulated time. If the contractor works during office hours the contractor should ensure that no hindrance or inconvenience to the Bank

PREAMBLE TO BILL OF QUANTITIES

RATES TO INCLUDE:

Rates quoted shall be for the items completed in all respect at all foams/heights/levels including all taxes, octroi and the cost of all material, fittings, fixtures, all labours and for all the operations as detailed in the specifications and contract conditions. Apart from other factors mentioned in the specifications and contract conditions, rates quoted for the items in this schedule shall also include the following

GENERAL:

1. Whether mentioned or not in the Bill of Quantities, all works are to be craned out as per the drawings, designs, catalogues and or instructions of the Bank Nothing extra shall be paid over the quoted rates for not understanding the designs etc. beforehand.
2. Sample of all works/items shall be got approved from the Bank before taking the mass production in hand and nothing shall be paid for the cost of samples.
3. Any incidental work required to complete the item and not specifically covered in the item as mentioned in Bill Quantities shall be completed at no extra cost.
4. Unless otherwise specified all exposed surfaces of wood/wooden mouldings and plywood of loose furniture/items of tops shall be finished in at least two coats of melamine polish, including staining to match the shades of laminates etc.
5. Unless otherwise specified, all inner surfaces, sides and under sides of furniture items, drawers/cabinets shall polished/Painted flat oil painted as directed by Bank
6. All exposed edges of plywood/block boards /particle board shall be finished with teak wood lipping's of 5 mm thick of profile as per detail and Melamine polished unless otherwise specified and no extra cost shall be paid.
7. All furniture items shall be delivered at site packed in polythene sheets.
8. All finished work must be truly vertical and horizontal or in any other plane as shown and required true to lines and levels. The tenderers must inspect the various existing surfaces and areas on which they have work on and take whatever measures necessary to achieve the objective and include the cost of the same in his rate as no extra will be payable for this purpose.
9. The contractor shall be required to produce the manufacturer's certificate for the material supplied by them if asked by the bank notwithstanding the manufacturer's certificate, employer can ask for testing of materials in the approved test labor at ones. The result shall satisfy the requirement of the relevant IS standards

WOOD WORKS:

1. Wherever ply is mentioned it will mean ply wood
2. All teak wood will mean C P teak.

HARDWARE:

1. Necessary handles, tower bolts, ball catchers, stoppers, hinges, brass/GI screws, nails, locks, siding rails, nut and bolts etc. shall be provided by the Contractor which shall be out of the approved make of these materials annexed in the technical specifications/approved by Bank.

PAINTING AND POLISHING:

1. All finishes, shade of colours, texture of fabrics including all surfaces of finishes like POP, painting, lamination, panelling, stitching joints in upholstery, all polishing shall be as per the satisfaction of the Bank.
2. Thoroughly brushing the surface to be finished, free from mortar dropping and other foreign matter including preparing the surface and sand papering to give an even surface.
3. For painting and polishing items-on all kinds of wood and wood based surfaces.
4. All painting work to be completed with at least one coat of the primer along with two coats of the paint as per the Technical Specification, Manufacturer's specification and to the satisfaction of the Bank.
5. All the polishing works to be completed with at least two coats of the polish of the approved make as per the list of approved manufacturers and to the full satisfaction of the Bank.

GLASS WORKS:

1. The edges of glass tops for tables wherever shown shall be beveled as per approval of the Bank

FALSE CEILING:

1. Rates should include materials/materials required to suspend the false ceiling with dash fasteners from the reinforcement of the slab and repainting the portion without affecting the structural strength of the slab, also with provision of strip hangers MS flats and hinged through nuts and bolts of adequate size (Raw plug shall not be applied). The channels and hangers shall be as per the instructions of the Bank.
2. Cut-outs and openings as required by Bank for provision of lights, switches, AC grills and diffusers, sprinklers and providing of trap doors etc and other fittings in false ceilings and holes and cut-outs as required for running conduits in frame work of panelling including cut-outs for switches and fittings in the panelling will be made by the

Contractor. He will also provide necessary frame work support for foxing of lights AC diffusers grills and fixtures etc. All these above will be made/provided by him at no extra cost and will be deemed to be included in the rates of the items quoted by him.

PARTITIONS AND PANELING:

1. Quoted rate shall include lab our materials required to fox the sub-frame to the wall with MS flats (LU") shape clamp with adequate screws and repairing the portion damaged while putting the gutties etc and making good the same.
2. Quoted rate shall be inclusive of making provisions for electrical conduits and switch boxes and time required while coordinating with other Contractors for the final finishing of the work.
3. The partition frame work shall be provided upto the RCC slabs at top but measurement for payment shall be partition up to false ceiling and frame /support of partition above false ceiling shall be carried out within the quoted rate for which no extra shall be paid.
4. All electrical Data & AC works shall be got craned out through licensed Electrical Contractor having experience of similar work and duly approved by Bank. The work shall be executed as per specifications and strictly in keeping with relevant IS code and rules and regulations of authorities.
5. All work/materials will be as per good engineering practice
6. Wherever glass is mentioned it will be clear float glass.

GENERAL MATERIAL SPECIFICATIONS
(For Interior Furnishing Tenders)

S.No	Materials	Manufacturers
1	Flush Door Shutters	Century/ Green / Kitply
2	Particle Boards /Block Boards /ply	Century, Kitply, Green, Archid, formica
3	Glass (Plain / Pin Headed) and Glass Tinted	Modi Float / Asahi / Saint Gobain
4	Hardware/fittings	Classic / Shalimar /Earl Bihari (EBCO),
5	Brass Mortice Locks & Latches	Godrej, Dorma, 4-C ACME,
6	Hydraulic door closer /Floor spring	Everite / Hypper / Hemco
7	Aluminum door, window and ventilator sections.	Jindal / Indal / Hindalco
8	Synthetic Enamel Paint	Jenson & Nicholsan / Asian / Nerolac / Berger
9	Oil Bound Distemper	Jenson & Nicholsan / Asian / Burger / Nerolac
10	Plastic Paint	Asian / Burger / Nerolac / Jenson & Nicholsan
11	Panelled Doors	National / Century / Swastik / Kitply
12	P.V.C. Doors	Sintex / Mihir / Fixopan
13	Screws	GKM/mettle fold
14	Brass Hinges	Reliance/Punit heavy duty
15	Drawer sliding fitting	Shalimar /Earl Bihari/EBCO
16	Drawer Shutter Lock	Godrej (3 set of keys)
17	Ball Catch	Magnetic (M-2) / Brass
18	Lamination	Formica, Greenlam / Marino / Century / Archid/ AICA
19	Beadings	MP, Burma T W , Half round, Quarter round.
20	Veneer	Kitply / Uro / Durian / Century
21	Adhesive	Fevicol (SH)
22	Polish	French/Zinc Oxide / Melamine (Asian)
23	Wood Preservative	Asian paint / British paint
24	Sun control film	Garware /3M
25	MDF Board	Green, Action Tesa, Archid

LIST OF APPROVED MAKES FOR ELECTRICAL ITEMS & MATERIALS

Sl. No.	ITEM	EQUILENT MAKES TO BE USED ONLY AFTER TAKING PRIOR CONSENT
	Copper wires/ Telephone/ TV Cable	POLYCAB/ RR KABLE/ FINOLEX
	M.C.B. / DB / ELCB	SCHENIEDER / LEGRAND/Havells
	MCCB / ACB	SCHENIEDER / LEGRAND/Havells
	PVC Conduits and accessories	BEC / AKG /Jindel
	Light Fixtures	WIPRO /PHILIPS/ BAJAJ/ CROMPTON / HAVELLS
	UPVC Conduits and accessories	FINOLEX / SUPREME
	Contacter	TELEMECANIQUE / GE
	Ceiling Lights	PHILIPS /WIPRO/ HAVELLS/ CROMPTON
	MV Panels	TRICOLITE/ POWER SEVER/ ENGINEER & ENGINEER
	HT XLPE Cable	HAVELLS / KEI
	LT Cable	POLYCAB/ RR KABLE/ FINOLEX
	Cable Glands	DOWELL'S/ GRIPWELL/ MASTER-SEAL
	Cable joints	MAHINDRA/ MASTER-SEAL
	Thimbles and Lugs	DOWELL'S/ MARUTI
	Switches and Sockets outlets (Modular type)	MK / SCHENIEDER
	Cat-6 UTP Data Cable	D-LINK
	Information outlet Cat-6	D-LINK
	Industrial Plug & Socket	ANCHOR / SCHENIEDER
	Indoor & Outdoor Lights	WIPRO /PHILIPS/ BAJAJ
	3 Phase Digital Energy Meters	SECURE / GENUS
	Fresh Air Fans	CROMPTON / HAVELLS
	Switch Fuse Units With HRC fuses	HAVELLS / L&T / ABB
	Current Transformer / Meters / Voltage Transformers / Relays / Starters / Contactors / Selector Switch /	L & T / SIEMENS / AUTOMATIC ELECTRIC / CONTROL & SWITCH GEARS / ABB

	Indicating Lamps	
	Change Over Switches	GE / L&T / HAVELLS
	Switches and Sockets outlets (Conventional piano type)	ANCHOR/ LEGRAND/MK
	MS Conduits and Accessoires	B.E.C./AKG/MK
	Hpmv/hpsv/ halogen Lamp	PHILIPS / WIPRO
	Ceiling Fans / Wall Fans	CROMPTON / BAJAJ / USHA
	Ceiling Rose holders	ANCHOR/ MK / SCHENIEDER
	Buzzers/Bell Push bell	ANCHOR/ MK / SCHENIEDER
	HRC Switch Fuse nits	SIEMENS ABB/GE/L&T
	Electronic Regulator	MK/ANCHOR ROMA/DEGRAND/MDS
	Geysers/water/heater	SPHERE HOT /RACOLD/USHA
	UPS	EMERSON / POWERWARE / TATA LIBERT
	Smoke Detector	HONEYWELL /COOPER / SYSTEM SENSOR
	Electronic Hooter	HONEYWELL /COOPER / ASE
	CTV Camera	SAMSUNG/ SONY
	Speakers	BOSCH/ JVG/ AHUJA
	EPABX	ALCATE/ SIEMENS/CCL
	Air-Conditioners	(Hitachi/ Daiken/ Mitsubishi/ O-General/ Blue Star

NOTE :

Sr. No.	Description
1.	The choice of the final makes shall be made by the owner/ consultant
2.	The samples or Cat. No. of all type of switches & light fittings should be approved before execution.

	ESTIMATED COST FOR INTERIOR FURNISHING, ELECTRICAL, AIR-CONDITIONING AND ALLIED WORK OF PUNJAB AND SIND BANK- CHURU BRANCH, RAJASTHAN.				
A	PART A : INTERIOR FURNISHING WORK				
S.No	DESCRIPTION	Qty	Unit	Rate	Amount
1	<u>WOODEN PARTITION</u>				
a.	<u>FULL HEIGHT PARTITION</u>				
	Providing & fixing 65mm thick full height partially solid and partially glazed partition with 6mm thick commercial plywood on both faces clad with 1mm thick decorative laminate of approved color & make fixed on 50mm x50mm anti termite treated pine wood frame at 600mmx 600mm c/c both ways rate are included for Providing & fixing 12mm thick Float glass 3'6" to 6'6" height with etching as per drawing and the required size 25mm x40mm polished second class teak wood beading to hold the glass,. All exposed wooden surfaces shall be finished shall be finished with laminate / melamine polish and including all necessary screws, cleats, making of grooves as per drawing design, complete in all respect as directed.	220.00	Sq.FT		
b.	<u>LOW HEIGHT PARTITION</u>				
	Providing & fixing 65mm thick low height solid partition with 6mm thick commercial plywood on both faces clad with 1mm thick decorative laminate of approved color and fixed on 50mm x 50mm anti termite treated pine wood frame of 600mm x 600mm c/c both ways. 12mm thick glass for 3'-0" to 4'-6" ht. with etching. Rate are included second class c.p. teak wood molding of size 25mm x 40mm on top & side of partition of required shape and all exposed wooden surfaces shall be finished with laminate / polish including all necessary screws, cleats, making of grooves as per drawing design, complete in all respect as directed.	85.00	Sq.FT		
2	<u>CASH CABIN FRONT: -</u>				
	Providing & fixing 12mm thk. glass in front of cash cabin including cutting of 4"x4" square hole for note passing & 2" gap at centre in height, complete fine finish for cash transaction opening and 15" wide laminated top on customer top at 3'-6" level, 9" outside for customer use with moulding on edge, as per design.	30.00	Sq.FT		

3	CASH CABIN CEILING: -				
	Providing & fixing cash cabin roof with Aluminum jali of maximum opening 1" wide, teak wood frame 2"x2" at 2' c/c distance with central horizontal supports to stop the jali from falling, complete fine finish with approved shade teak shade melamine polish. Jali frame is to be fixed on the top of wooden frame.	52.00	Sq.FT		
4	<u>CASH COUNTER: -</u>				
	Providing & fixing cash counter of size 1350x 750x760mm (ht.) with following components. Top made up of 18mm thick particle board with full round post formed along the longitudinal length from both side in flex of approved shade and rest in balancing white. Sides and back made with 18mm particle board as per drawing and direction including key board cable manager etc. drawer unit of size 392x450x600 mm made with 18mm thick particle board boxed from all three sides and top with a provision of 3 drawer for cash storage and security with upper drawer having a provision of separate compartment for coins and note slip all complete including of concealed hinges, magnet, P locks, handles etc PVC edge burning wherever required.	4.75	RFT		
5	<u>TABLES: -</u>				
a.	<u>Manager table: -</u>				
	P/P rectangular table of size 1830x750x760mm (ht.) with following components. Top made up of 18mm thick particle board with full round post formed along the longitudinal length from both side in flex of approved shade and rest in balancing white. Sides and modesty panel made with 18mm particle board as per drawing and direction with provision of cable manage. Drawer unit of size 392x450x750 mm made with 18mm thick particle board boxed from all three sides and top with two drawer and one filling unit. Drawer unit running on side runner & rest in shutter (18mm particle) with both ends half round rounded off post formed with flex as per manufactures specification. And rest form in 1 mm white glossy laminate, complete in all respect in terms of concealed hinges, magnet, locks, handles etc PVC edge burning wherever required and key tray etc. side units of size 900x375x760mm made up of 18mm thick particle board,	1.00	Nos.		

	from all three sides & top made up of 18 mm thick particle board with full round post formed along the longitudinal length from both side in flex of approved shade and rest in balancing white all complete as per drawing direction.				
b.	Officer/staff table: -				
	P/P rectangular table of size 1350x750x760mm (ht.) / as per drawing with following components. Top made up of 18mm thick particle board with full round post formed along the longitudinal length from both side in flex of approved shade and rest in balancing white. Sides and modesty panel made with 18mm particle board as per drawing and direction with provision of cable manage. Drawer unit of size 392x450x750 mm made with 18mm thick particle board boxed from all three sides and top with two drawer and one filling unit. Drawer unit running on side runner & rest in shutter (18mm particle) with both ends half round rounded off post formed with flex as per manufactures specification. And rest form in 1 mm white glossy laminate, complete in all respect in terms of conceald hinges, magnet, locks, handles etc PVC edge burning wherever required and key tray etc. side units of size 900x375x760mm made up of 18mm thick particle board, from all three sides & top made up of 18 mm thick particle board with full round post formed along the longitudinal length from both side in flex of approved shade and rest in balancing white all complete as per drawing direction.	17.50	R,ft		
6	<u>WOODEN STORAGE / SIDE TABLE: -</u>				
	Providing & fixing low height storage cabinet 1'-4"(side table) and 1'-6" (all storage) deep in 19mm thick commercial board with box type cabinet having 6mm commercial ply at back with all horizontal & vertical members for shelves in 19mm thick commercial board with 21mmx4mm T.W. lipping with melamine polish in matching color laminate and exposed exterior surfaces finished with 1mm thick laminate of approved colour & make as per drawing included. Inside to have a Astar with 2 or 3 coats covering total base of board & ball catchers, & tower bolts etc. as per instructions of Architect/Bank.	260	Sq.Ft		
7	SLIP COUNTER: -				
	Providing & fixing a 12mm clear glass top with beveling on	1	Nos.		

	slip counter 4'0"x1'0"x4'0" with shelf and pigeon holes to keep slip at top 12"wt. with 19mm block board divisions & leafs of block board below with three internal division in height to create boxes for Cheque Drop Box, Suggestion Box, Complained Box etc. as per design & 1mm thick lamination of approved shade & make (white cedar of greenlam 1702 & 1701). Complete in all respect.				
8	<u>FALSE CEILING:-</u>				
a.	P&F false ceiling with Gypsum Board 12.5mm thick fixed to a metal frame comprised of ceiling channel of size 80mm X 26mm X 0.5mm @ every 450 cms centres, inter channel 45mm X 15mm X 0.9mm @ every 1220mm centres, perimeter channel 20mm X 26mm all along the wall, strap hanger suspendeds 25mm X 0 5mm with nuts and bolts 6.4mm x 12.7mm, connecting clip 2.64mm thick, dry walls screw 25mm long , soffit cleat. 27mm X 37mm X 25mm X 1.6mm thich and dash fasterner/ rawl plug 12.5mm dia X 35mm long with 6mm dia bolt. The joint of gypsum board to be taped 3 times and sealed with jointed compound. Cut-out are provided to accommodate luminaries, air conditioning grills and fire warming dectors if any. Surface of the ceiling to be painted with 3 coats white plastic emulsion paint as directed.Soffit surface of the false ceiling will be measured for payment.	720	Sq.Ft		
b.	P & F suspended false ceiling with Armstrong make 15 mm thick fixed to metal frame AMF ceiling panel ARMSTRONG Surface finish : Pinhole Surface Pattern : Mineral Grid size 600 x 600mmThickness of panels: 15 mm edge details : SK width of exposed grid : 24 mm. The suspension grid consist of main runners to be supported by suspension wire, slotted hangers, adjustable hangers or galvanized angle at 1250 m centres. Perimeters to be finished with angle trims or shadow edge trims plugged and screwed to the wall at 450 mm c/c with Black 'T' Junction.	335	Sq.Ft		
9	<u>WALL PANELING: -</u>				
	Providing & fixing paneling on walls / columns consisting of frame work made out of 40mmx20mm anti termite treated pine wood @ 600mm c/c both ways fixed with rawl plug/ fasteners/ screws etc. facing the frame work with 6mm thick commercial plywood cladded with 1 mm thick laminate of approved colour & make including making grooves etc complete in all respect as directed.	250	Sq.Ft		

10	<u>FRONT GLASS ON COUNTERS:-</u>				
	Providing & fixing 12 mm glass including beveling, etching with patch fittings on front facia of counters. (2' ht.)	20	Sq.Ft		
11	WALL FINISHING				
a.	<u>EMOULSION PAINT ON WALLS:-</u>				
	Plastic Emulsion of Asian/ Nerolac /Dulux make with proper ground work in 3 coats at designated places with primer coated.	0	Sq.Ft		NIL
b	Birla Putty on walls: Providing and laying Birla Putty on walls in plumb and proper alignment including scrapping of existing wall finish and fine racking of joints etc complete including all scaffolding etc.	0	Sq.Ft		NIL
c	Providing & applying ICI-Dulux- Weather Sheild Max/Asian Paints-Apex Ultima, acrylic smooth exterior paint of approved colour and shade in two coats, over one coat of special primer applied @ 0.75 ltr/10sqm. of make ICI/Asian, including an undercoat of water proof cement paint applied @ 2.2 kg/10 sqm, after necessary surface preparation, including cost of material, labour, scaffolding at up to G+3 level.	0	S.ft		NIL
d	ENAMEL PAINT				
	P & L approved shade and colour Enamel Paint on Shutter with Red Oxide Base with scrubbing, preparation of base etc. complete.	0	S.ft		NIL
e	Wall paper				
	Providing & fixing wall paper on wall / partiton as per approval of Architect & Engineer. Wall paper baisc rate : Rs 1000/- per sqm	0	S.ft		NIL
12	<u>FLUSH DOOR :-</u>				

	Providing & fixing flush doors 35mm thick with 1.0mm laminates on both sides. The item includes Teakwood chaukhat made from 75x50 teakwood. The door to have 12mm teak wood lipping on edges. The door is to be complete with Cylindrical door Lock (Godrej make) 200mm SS/Brass handles, brass Stopper, Tower bolts, 119mm Brass/SS hinges etc. all Teakwood surface to be melamine polished complete to the satisfaction of Architect/ Employer	90	Sq.FT.		
13	Aluminium Sliding Window (WITH POWDER COATED SECTIONS)				
	P & F colour electrocoated galzed aluminium window shutter standard Jindal/Hindalco extruded box section 2mm thick, vertical members - 3-¼ x 1-¾" with necessary neoprane gasket, screwlessclip 5.0mm thick etched as designed float glass panes complete . (Aluminum Section Will be approved by architect/engineer before providing and fixing)	0	S.ft		NIL
14	MAIN ALUMINUM DOOR WITH FACIA (ATM)				
	Providing and fixing electro coated glazed aluminum door shutter standard Jindal/Hindalco extruded box section (Black power coated) 2mm thick, vertical members - 3-1/4" x 1-3/4" with necessary Neoprene in gas kit, screwless clip 5.0 mm thick hitched as designed float glass panes complete with including all accessories such as floor springs / locks etc.	55	S.ft		
15	NOTICE BOARD				
	P & F box type lockable boards with blazer cloth backing of felt sheet and 5mm thick clear glass in front with lock etc. complete. (As per architect/bank's approved design)	40	S.ft		
	PANELLING BAND (below false ceiling)				
16	Providing and fixing wooden patta along with the junction of the false ceiling and wall made of 19mm comm. Ply with 1.0 mm laminate. The rate includes teak wood lipping, polishing.....complete.	70	S.ft		

17	MAIN DOOR WITH FACIA				
	P & F Toughened glass door and Partition of 12 mm Thk.of approved make & design (Bank Logo) as per Architect.Including all fittings & fixtures (Door closer, door stopper,magnetic catcher, floor spring, tower bolt, S.S. Handles, locks, spiders, brackets, etc.all items Dorma Make only)Complete in all respects.				
a	Toughned Glass Doors	50	S.ft		
b	Toughned Glass Partition	185	S.ft		
18	FILM ON GLASS (Garware/3 M)				
	Garware Design as per approved by the Bank.	0	S.ft		NIL
19	GLASS OVER TABLE TOP:				
	Providing and fixing 12 mm glass over tables to complete with grinding polish and round edges.	0	S.ft		NIL
20	Executive medium / high / very high back revolving chair Durian / Godrej / Featherlite Make				
	Supplying, and placing in position of medium back chair as per photograph. Size:- (W)625mm X (D)490mm X (H)1135mm. The contemporary chair comprises of luxurious double padding cushion with a central indent that provides lower back support for proper posture and comfort. The central panel in the backrest is neatly stitched with a soft seat cushion finished in the same black premium leatherette. The Chair nestles on a shiny chrome vaulted base with nylon castors. the shiny armrests come adeptly padded for comfort. The product should be from BIFMA and FSC / equivalent approved by engineer, certified company. Complete as per approval and specification under the guidance of Engineer in charge.				
i	Visitor Chair (Godrej Bravo series)	0	Nos.		NIL
ii	High Back (Godrej Bravo series)	0	Nos.		NIL
iii	Very High Back chair (Godrej Bravo series)	0	Nos.		NIL

21	Roller Blinds (Zebra pattern)				
	Providing and fixing Roller blinds of required width & Length quality of approved make fabric made of 100% polyester thickness 0.30mm with Acrylic coating resistance to Cracking & Fraying and treated for dust repellency, UV proof , virtually maintenance free having plastic bottom chain thickness of chain 0.50mm and diameter-3mm, weight per sqm 201g, Degree of opacity 100%, Light frastness 4/6, Plastic with metal bottom weight - 116.20mmX48.30mm and suitable coating on exterior, including all fixtures and fittings complete in all respect as per design/color/shade including requisite installation brackets etc as required for installation at site with anchoring arrangements complete as directed. (Double side with roller arrangment)	0	S.ft		NIL
22	Providing & fixing MS Grills made out of 12mm x 12mm square solid bright bars @ 100mm c/c; inclusive of forming to required shapes, cutting, welding, grinding, fixing with necessary screws & holdfasts including M.S. Mosquito net fixed in grill for windows/ventilators or any other openings inclusive of providing & applying one coat of anti-corrosive primer and two coats of approved quality enamel paint as directed. The rate include removing of existing windos/grill and removal of waste fromm site.	0	S.ft		NIL
23	A.C.P. PANELLING (External 4 mm)				
	Proving and fixing in position Aluminium composite panel Boxing with PVDF coating & LDPE core laminated Eurobond / Altobond/ Alukbond Exterior Grade 4 mm thick with composite of (0.5mm - 3mm- 0.5mm) including fabrication for the same with aluminium sections, required hardware, silicon sealent (Dow Corning 789) masking tape, necessary scaffolding etc. complete in all respects.				
a	Internal Walls ACP ATM Room (3 MM Thick)	220	S.ft		
b	Shutter Boxing External ACP 4 MM Thick	350	S.ft		
24	Punjab and Sindh Bank LOGO (SIZE -100 CM DIA)providing & fixing 12 mm th. Translucent arcylloc of required	1	Nos.		

	size with proper LED lightening behind. The cutting should be done on CNC MACHINE with proper edge polishing made of measurment -per number.				
	TOTAL A)				
	PART - B ELECTRICAL WORK :				
S.No.	ITEM	QTY.	UNIT	RATE (RS.)	AMOUNT (RS.)
1	<u>LIGHT & FAN POINTS:</u>				
	<p>LIGHT & FAN POINTS:- P & F light points, fan points, call bell points, sockets etc. with 2 X 1.5 sq. mm. PVC insulated 1100 V grade FRLS, copper conductor wires and 1.0 sq. mm copper earth wire in concealed / surface using 16 SWG M.S. 20 mm / 25 mm / 32 mm dia conduits accessories such as bends, tees saddles, draw boxes, mounting boxes, innerplates, cover plates, ceiling rose etc. (where ever required) and plug etc. The circuit wiring starting from DB to point control box / switch box using 2 X 2.5 sq. mm and 1.5 sq. mm earthing PVC insulated wiring color code to be provided. Identification ferrules at both end to be provided. (Flexible conduit / elbow NOT allowed). The conduits to be laid in ceiling with proper clamps / wall / floor and felling the chase with cement mortar and finish the same in original form / wooden partition / above false ceiling with proper clamps (Wherever required as per standard specifications)</p> <p>NOTE: All wires & cables shall be FRLS only All material shall be approved make of PNB Color coding must be maintained No flexible conduit & elbows will be allowed. Each circuit shall have independent earth wire. Each point shall be earthed. Circuit wiring is to be included in point wiring rates. Each Switch Board should have indicator. Two Emergency down light (one cashier room and one electric panel room shall be on UPS)</p>				
a	One point controlled by one switch.	25.00	No.		
b	Two point controlled by one switch	15.00	No.		

b	Three point controlled by one switch	5.00	No.		
c	Wall fan point controlled by one 6 Amp.Modular switch & switch board at SB level and 6 Amp. 3 pin socket at desired place.	10.00	No.		
d	6 Amp. Socket with switch at switch board places.	8.00	No.		
e	Call bell point with anchor make buzzer	1.00	No.		
f	One ceiling fan point with 5 step electric regulator.	1.00	No.		
g	exhaust fan point with 16 a switch and 6A socket	4.00	Each		
2	<u>POWER POINTS:-</u>				
	Same as item no 1 but wiring for 16 A - 6 pin sockets using 4 sq.mm pvc insulated copper conductor wire with independent 2.5 sq.mm earth wire from DB to 1st Socket & 1st socket to 2nd Socket with 2.5sq.mm and 1.5 sq.mm earth wire including providing and fixing of 16 A - 6 pin socket with 16 Amp switch.				
a	power point with 4 m.m copper conductor wires.	4.00	Each		
b	power point with 4 m.m copper conductor wires. (Loop Point maximum two point only)	3.00	Each		
3	NETWORKING WORK				
1	Providing and laying Cat 6 cable (Make : Systimax) for data in existing conduits and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule	16	No.		
2	Supply and installation of patch cord 1 m lenth	16	No.		
3	Supply and installation of patch cord 2 m lenth	16	No.		
4	P/F of data/server rack appropriate size with 12 U Rack with 24 - Port Patch Panel (3 Nos.) and all accessories including all connection as per site requirement.	1	No.		
4	TELEPHONE WORK :				
a	Wiring with 2pair cable from system room to various tables in 2mm thick PVC conduit with supplying and fixing of modular type plate with box and RJ-11 sockets to be fixed on	7	No.		

	wall/partition, etc. The wiring to be laid concealed. (Two module RJ socket used for each circuit. No looping is allowed)				
b	Providing and fixing of telephone tag block (Krone) of following sizes housed in GI box with cover of suitable size including termination				
	20 pair	1	No.		
5	<u>A.C. POINTS:-</u>				
	A.C Point wiring with 2x6 sqmm +1x2.5 SQ mm copper conductor from AC DB to ACPOINT in 16 swg GI conduit ac point including supply ing and fixing of metal AC box with 3 pin metal clad top and 32/25 amp SPMCB as per site requirments	6	Each		
6	<u>DISTRIBUTION BOARDS:-</u>				
	Supplying, installation, testing, and commissioning of Double Door type Distribution boards (ORIGINAL FACTORY FABRICATED) of following specifications.				
a.	TPN 4 WAY DB: (For lighting) Having Incomer : 40 Amp. 4 P MCB - 1 Nos OUT GOING: 10 Amp. SP MCB - 18 Nos.	1	Nos.		
b.	TPN 4 WAY DB: (For Power) Having Incomer : 63 Amp. 4 P MCB OUT GOING: 16 Amp. SP MCB - 18 Nos.	1	Nos.		
c.	TPN 4 WAY DB: (For A.C.) S & F 4 way TPN 32 Amp MCB - 12 Nos. INCOMER: 100 Amp. 4 P, Heavy Duty MCB.	1	Nos.		
d.	SPN 12 WAY DB: (For UPS Input / Output) S & F 40 Amp DP MCB - 1 Nos. 10 Amp. - 16 Amp. SP MCB- 10 Nos.	4	Nos.		

e	SPN 4 WAY DB : (For cassette A.C. with encloser & S/R / UPS INPUT) P & F 4 way SPN DB 63 Amp 4-P MCB. With enclosure	0	Nos.		NIL
f.	P & F 200 Amp. 4-P, MCCB, 45-KA, with enclosure (In existing sub station electric panel at G.F.)	0	Nos.		NIL
7	<u>LIGHT & FAN FIXTURES :-</u>				
	LIGHT AND FAN FIXTURES: Authorised dealer certificate with invoice detail required.				
	Supplying, installation, testing and commissioning of following light fixtures, with lamps, chokes, Starter etc.fans etc.				
	Havels / Osram make LED light fixtures.				
a.	Philips RC 380B LED Full glow 24" x 24" (6500K)	16	Nos.		
b.	Philips LED Tube light 18 W/22 w (6500k)	10	Nos.		
c.	Philips Green LEDi 15 Watt DN 194 B (6500K)	22	Nos.		
d	CROMPTON GREAVES make fans				
	i) 1200 mm high speed ceiling fan	0	Nos.		NIL
	ii)Wall mounted fans 400/450 mm dia. Make- Crompton/Havels/USHA / As specified in tender document or approved by PSB/ Architect. (METAL BODY)	10	Nos.		
f	Havells/CG/GE MAKE				
	i) 250 mm Exhaust fan with louverwith clamps,bolt/dash fastners by grouting on wall.	3	Nos.		
8	Supply & laying of XLPE insulated armoured aluminium/copper conductor 1.1 KV class cables as per IS				

	complete in all respect.				
a	4 X 16 Sq. mm Al. armoured XLPE cable with 2 x 4 Sq. mm Al. armoured cable for earthing including cables termination with gland, Al. Lugs properly crimped of required size. (From Panel to Light d.b., ups Room)	25	RM		
b.	3.5 Core 35 Sq. mm Aliminum armoured xlpe cable. (Meter to panel)	30	RM		
d	4.0 core X 10 sq. mm Copper Armoured cable for UPS to UPS DB including cables termination with gland, Al. lugs properly crimped of required size. (UPS OUTPUT TO UPS DB) & (UPS INPUT TO UPS DB)	30	RM		
9	U.P.S. POINTS & CIRCUITS:-				
	P & F ups points in 2 mm thick PVC conduit with 2 X 2.5 sq. mm insulated copper wire along with 1 X 1.5 sq. mm PVC insulated wire for earthing including bends, nipples, junction, M.S. switch boxes each to have 3 nos. 6 A 5 pin modular socket 1 X 6 A indicator controlled by 1 X 6 A modular type switch compl fine finish incl. making necessary connection & start of equipment as per details & drawings.	18.00	Each		
10	EARTH STATIONS				
a)	Supplying, laying and terminating of the following tapes/wires with suitable G.I./Copper/Clamps.				
	i) 25x3 mm copper strip with PVC slewed copper clamps.) (Pit To Panel)	0	Mts.		NIL
	ii) 2x8 SWG copper earth wire in GI conduit inside the Branch. (PIT To UPS)	120	Mts.		
11	Supplying & installation of Pipe in pipe technology GEL Earthing system, Model T - 19 with outer diameter of 50 mm, length 2000mm embedded in the soil with masonry inspection pit along with cover etc. complete in all respect. This work should be got carried out through Bank,s approved vendor and each Earth pit installation test certificate to be submitted after measurement of earth resistance as per the provision in IS3043. (Panel earthing)	1	Nos.		
12	Supplying & installation of pipe in pipe technology GEL Earthing system, Model T-39 with outer diameter of 80 mm,	1	Nos.		

	length 2000mm embedded in this soil with masonry inspection pit along with cover etc. complete in all respect. This work should be got carried out through Bank's approved vendor and each Earth pi installation test certificate to be submitted after measurement of earth resisistance as per the provision in IS3043.(UPS connection)				
13.a	FIRE EXTINGUISHERS				
	Supply installation testing & commissioning of FIRE EXTINGUISHERS (make ; Cease Fire / Minimax)				
i	ABC type - 10 Kg	-	No		NIL
ii	ABC type - 5 Kg	-	No		NIL
14	MAIN PANEL				
	<p>Designing, manufacturing, installation, testing and commissioning of cubical type MAIN PANEL made from 16 SWG CRCA sheet steel, "type base M.S. channel for grouting on floor complete with MCCBs, MCBs, meters, C.T., Etc. complete in all respect, insulates Bus Bar with heat shrinkable PVC sleeve in suitable bus bar chamber, wiring, name plates, danger plates etc and comprising of compartment with hinged doors and rubber gasket, bus-bar chamber with bolted door and rubber gasket etc. The Panel being of dust and vermin proof construction and to be painted with primer and smoke gray paint (minimum two coats) to look attractive. The panel should be comprising with the following :</p> <p>(Degree of protection IP-54)</p> <p>Note: To be prowled from CPRI approved manufactures only.The contractor has to submit a copy of CPRI approval of the manufactures.</p> <p>All feeders shall have seperate opening / closing door.</p> <p>Panel Should have Earth Bus Bar</p> <p>All MCCB shall be 'C' Series.</p>	1	Nos.		
	<p>INCOMER:</p> <p>150 Amp. 30 KA 4-Pole MCCB-1 NO</p> <p>125Amp. 4-p, ON LOAD CHANGEOVER SWITCH- 1NO</p> <p>200 Amp. Capacity aluminum bus-bar with heat shrinkable proper insulation with color coded.</p> <p>Digital ammeter and voltmeter with selector switches.</p> <p>R-Y-B phase indicators with 2 Amp.back-up HRC Fuses.</p> <p>OUTGOING:</p>				

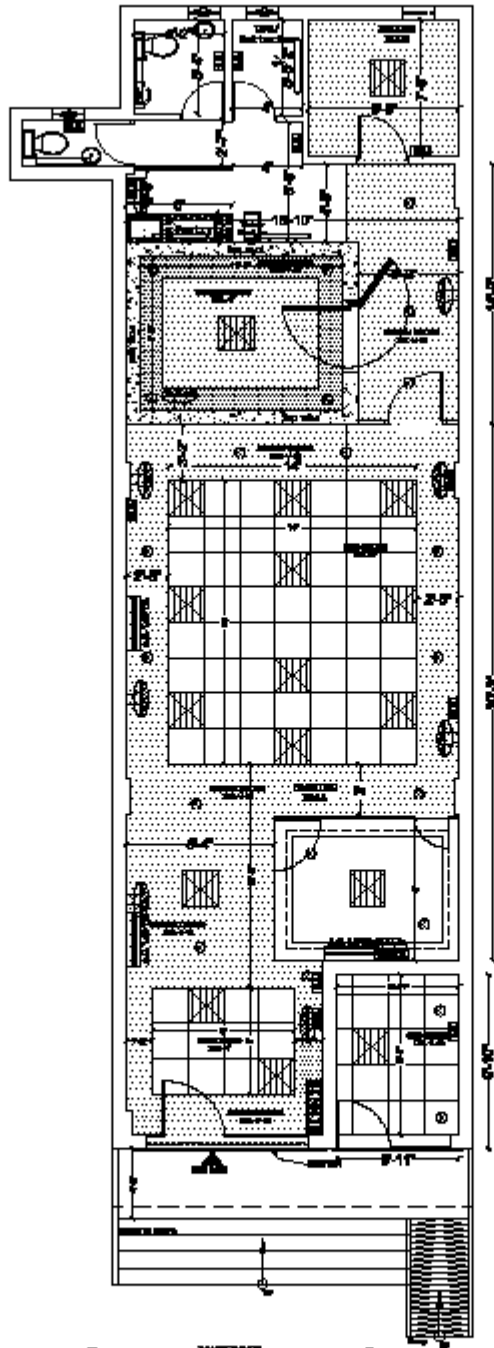
	100aMP. 4-P,MCB,25 KA,-2 NOS. (For A.C. DBs.) 63 Amp. 4-p, MCB, 25 KA,-2 NOS. (FOR S/R and ATM) 16Amp. DP MCB, 10 KA-2 NOS. Double bus bar Panel. (AC Should not operate on DG)				
	TOTAL PART-B				
PART -C : AIR CONDITIONING WORK					
S. No.	ITEM	QTY.	UNIT	RATE (RS.)	AMOUNT (RS.)
1	REMOVING, SHIFTING, FIXING, TESTING, INSTALLATION & COMMISSIONING WORK:-				
	Removing, shifting, Fixing, Testing, Installation, & Commissioning, of the existing Branch A.C. indoor units (Split & Window) with their outdoor unit & required accessories (M.S. stand, Cage, A.C. Power Points, MCB'S, Voltage Stabilisers, Copper Pipe, Drain Pipe, electric Wiring, etc.) as per specifications, schedule and drawings with complete wiring, fitting and fixing of new accessories. (Sealed rotatory compressor, air cooled condensor, etc.) for both indoor and outdoor, drain piping, extra copper piping, etc. Including, filling of required A.C. refrigerant gas charging, Top Up, etc. Complete in all respect as per specifications including making the walls, floor and ceiling good finish with masonry, plaster, putty, paint, etc. Complete in all respects.				
(i)	1.5 - 2.0 TR SPLIT A.C.	0	Nos.		NIL
2	AIR CONDITIONING UNIT HIGH WALL MOUNTED SPLIT INVERTER A.C. (With R 410A Refrigerant)				
	Supply, Installation, Testing and commissioning and hand over of following equipment as per specification, Schedule and drawing atleast 3 star rated (Hitachi / O- General/Daikin/Mitsubishi) split type Air-Conditioning Unit, each comprising, of an outdoor and single hi-wall mounted indoor unit, each comprising of an outdoor and single hi-wall mounted indoor unit. Condensing unit shall be complete with hermetically sealed rotatory compressor and aircooled condenser (Copper condenser coil) with fan evaporating unit shall consist of a fan section with dynamically balanced centrifugal fan driven				

	by FHP Motor, Multi Rows deep cooling coil of copper tubes with aluminum Fins, thermostatic expansion valve etc. the evaporating unit shall be equipped with synthetic fibre filter, insulated drain pan safety single phase split unit. (Dealer authorization certificate must be required)				
(a)	1.0 TR High wall split unit as describe above with cordless Remote as per technical specifications.	2	Nos.		
(b)	1.5 TR High wall split unit as describe above with cordless Remote as per technical specifications.	2	Nos.		
(c)	2.0 TR High wall split unit as describe above with cordless Remote as per technical specifications.	2	Nos.		
3	CASSETTE AIR CONDITIONERS UNIT (Non - Inverter)				
	Supply, installation, testing and commissioing of the following capacity (BEE labeled higher star rated) (With R 410A /R32 refrigerant) (Hitachi, Daikan, O-General, Mitsubhishi)				
(i)	3.0 Tr capacity cassette type ceiling mounted A.C. Unit with scroll compressor of approved model	0	Nos.		NIL
3	Installation, Testing, Commisioning, and Handling over above including all accessories up to 10 R/Ft. Lenth of copper pipe set and electrical wiring (connecting indoor to outdoor)				
(a)	For Cassette A.C.'S 4.0 - 3.0 TR.)	0	Nos.		NIL
(b)	For Split A.C. A.C.'S 1.0- 2.0 TR.)	6	Nos.		
4	VOLTAGE STABLISERS :				
	Supply, Installation, Testing & Commissioning of automatic stablisers for operation on voltage 3 step clipped with TDR				

	I/P voltage 140-280 V O/P 230 V				
(a)	4.0 KVA with TDR (Required for 1.0, 1.5 TR Split AC's)	3	Nos.		
(b)	5.0 kva with TDR (Required for 2.0 TR Split AC's)	3	Nos.		
5	M.S. STAND & CAGE :- (With lock and key arrangment)				
	P & F M.S. Stand & cage for condensers will be of framed as per condenser size with angle 35 x 35 x 5mm and 25 x 25x 3 mm respectively. Stand will be embedded in ground 6" deep with PCC 1:3:6 and cage frame will be covered with jali 1" x 1" of 12 SWG Including painting and locking systemas per direction architect and engineer.	6	Nos.		
6	DRAIN PIPE :-				
(a)	Condensate drain water piping 1" Dia PVC Duly insulated to nearest drain trap to be laid concealed. Rigid CPVC drain pipeof 6 kg/Sq. cm with 6mm thk. Nitrile rubber insulation insulated to nearest drain trap to be laid concealed.	80	Rmts		
7	REFRIGERANT PIPE :- (For Split A.C. and Cassette A.C.)				
	P & F copper refrigerant piping for cassette & high wall split A.C. of approved make duly insulated with elastometric nitrile rubber tubular insulation (9mm) between each set of indoor and out door unit for above mentioned units to interconnect indoor unit and outdoor unit. Copper piping as per manufacturer specifications with authorized certificate. It should also be mentioned by vendor in tender. P & F electric copper (frls wire) of 3.0 core x 4.0 sq.mm (Polycab, Finolex, KEI)	80	Rmts		
	Total of Part C				

SUMMARY OF WORKS

PART A :	INTERIOR FURNISHING WORK	
PART-B :-	ELECTRICAL WORK	
PART-C :-	AIR CONDITINING WORK	
	TOTAL AMOUNT OF WORK	



BRIDGE FLOORPLAN OF PLAN

←→ DIMENSIONS →

BRIDGE PLAN

<p>PROJECT > PROJECT NAME FOR PROJECTS WITH PROJECT NUMBER, DATE, etc.</p>	<p>CHECKED BY: Architect: _____ As Noted: _____</p>	<p>DESIGNED BY: Designer: _____ Designer: _____ Designer: _____</p>	<p>SCALE: FULL SCALE: 1" = 10'-0"</p>	<p>DATE: DATE: _____</p>
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