

CANARA BANK
INVITATION TO TENDER

ONLY FOR EMPANEL CONTRACTORS FOR

COMPOSITE WORKS

(CATEGORY A , B, C ONLY)

OF

CIRCLE OFFICE KOLKATA

TENDER FROM ANY OTHER CONTRACTOR WILL BE SUMMARILY REJECTED

INSTRUCTION TO BIDERS

AND

GENERAL CONDITIONS OF CONTRACT

FOR

COMPOSITE WORKS (FURNISHING & ELECTRICAL)

AT

CANARA BANK – SECRETARIATE BRANCH, PORTBLAIR

(ANDAMAN & NICOBER ISLAND)

TENDER NO.: 08/23-24/SP

NAME OF THE CONTRACTOR:

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ADDRESS:

.....

SEAL & SIGNATURE OF TENDERER

NOTICE INVITING THE TENDER

To,

M/s

Sealed tenders on item rate basis are invited from panel Contractors for **Furnishing & Electrical Works at Secretariat Branch, Portblair (Andaman & Nicobar Island)**.

Tender Documents may be obtained at free of cost from the Premises & Estate Section, Circle Office Canara Bank, Kolkata during working hours from **19-05-2023** till **25-05-2023**.

Earnest Money Deposit : **NIL**

Period of completion : **20 days**

Last date, time and place for Submission of tender : **On or before 3 pm, 25-05-2023 to The Asst. General Manager, Premises & Estate section Canara Bank, Circle Office Kolkata**

Time and date of opening of tender : **3.30 pm on 25-05-2023**

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

**Asst. General Manager
Premises & Estate Section
Canara Bank, Circle Office
Kolkata**

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Date: 19-05-2023

GENERAL RULES & INSTRUCTIONS TO TENDERERS

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Name of the work: Civil, Furnishing & Electrical Works to be carried out at Secretariate Branch, Portblair (Andaman & Nicobar Island)

The rates quoted shall also be inclusive of materials, labour charges, work contract tax, surcharge and all the taxes except GST.

GST WILL BE PAID EXTRA.

The rates quoted by the tenderer shall hold good till the completion of the work from the date of issue of the "WORK ORDER" and no enhancement in the rates are allowed during the period of execution of the work under any circumstances. The rates quoted shall also cover for the work to be executed before and after office hours and also on holidays.

The time stipulated for the completion of the work is 30 days from the date of issue of the WORK ORDER and the work is to be carried out as per the convenience of occupants without disturbing other occupants of the building.

TENDERS:

The entire set of tender paper issued to the tenderer should be submitted fully priced and also signed on the last page together with initials on every page. Initials / signatures will indicate the acceptance of tender papers by the tenderers.

The schedule of quantities shall be filled in as follows:

- The "rate" column to be legibly filled in ink in both English figures and words.
- 'Amount' column to be filled in for each item and the amount for each sub-head as detailed in the "schedule of quantities".
- All corrections to be initialed.
- The "Rate" column for all the items shall be filled up.
- The "Amount" column for the items for which the quantities are not mentioned shall not be filled up.
- In case of any errors / omissions in the quoted rates, the rates mentioned in the tender in words shall be taken as correct rates.

No modifications, over-writings or corrections can be made in the tender papers by the tenderer, but may at his option offer his comment or modifications in a separate sheet of paper attached to the original tender papers.

The Bank reserves the right to reject the lowest or any tender or all of the tenders for each section or to split up and distribute any item of work to any specialist firm or firms, without assigning any reason.

The tenderers should note that tender is strictly on the item rate basis and their attention is drawn to the fact that the rates for each and every item should be correct, workable and self – supporting. If called upon by the bank, detailed analysis of any or all the rates shall be submitted. The architects/bank shall not be bound to accept the contractor's analysis.

The Quantity mentioned in the BOQ is approximate measurements. The works will be paid for as "measured work" on the basis of actual work done and not as "lump sum" contract.

All the items of work described in the schedule of quantities are to be deemed and paid as complete works in all respects and details including preparatory and finishing works involved, directly, related to and reasonably detectable from the drawings, specifications and schedule of quantities and no further extra charges will be allowed in this connection. In the case of lump-sum charges in the tender in respect of an item of works, the payment of such items of work will be made for the actual work done on the basis of lump-sum charges as assessed to be payable by the architects/bank.

The bank has power to add or delete any work or described in specifications or included in schedule of quantities and intimates the same in writing but no addition, omissions or variation shall be made by the contractor without authorization from the bank. No variation shall vitiate the contract. The bank reserves the right to delete any of the items in the tender without assigning any reasons whatsoever.

The tenderer shall note that his tender shall remain open for consideration for a period of 90 days from the date of opening of tender.

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AGREEMENT

The successful contractor is required to sign agreement as may be drawn up to suit the local conditions and shall pay for all the stamps and legal expenses incidental thereto. The original will be kept with the Bank and duplicate with contractor.

EARNEST MONEY AND SECURITY DEPOSIT:

There is NO Earnest Money Required to deposite/ submit along with the bids. Retention Money shall be deducted from the final bill at 3% of the gross value of bill. The Retention amount will be refunded to the contractor 15 days after the end of defects liability period provided he has satisfactorily carried out all the work and attended to the entire defect in accordance with the condition of the contract. No interest is allowed on Retention Money.

A part of the Security Deposit if and as decided by the constituent bank can also be furnished in the form of a Bank Guarantee on the bank other than that of the constituent bank.

CONTRACTOR TO PROVIDE EVERYTHING NECESSARY:

The contractor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawings, schedule of the quantities and specifications taken together weather the same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the contractor finds any discrepancies therein he shall immediately and in writing, refer the same to the Architects/Bank whose decision shall be final and binding.

The rates quoted against individual items will be inclusive of everything necessary to complete the said items of works within the contemplation of the contract, and beyond the unit price. No extra payments will be allowed for incidental or contingent labour and/or materials inclusive of all taxes and duties whatsoever except for specific items, if any, stipulated in tender documents

The contractor shall supply, fix and maintain at his own cost, for the execution of any work, all tools, tackles, machineries and equipments and all necessary scaffolding, staging and lighting by night as well as by day required not only for proper execution and protection of the said work.

The contractor shall take down and remove any or all such scaffoldings as occasion shall be required or when ordered to do so, and shall fully reinstate and make good all matters and things disturbed during the execution of work to the satisfaction of architect/bank.

The contractor shall all times give access to workers employed by the bank or any men employed at site and to provide such parties with proper sufficient and if required, special scaffolding and ladder and provide them lighting as may be required to enable such workmen to inspect the work, lay or fix pipes, Civil & furnishing wiring, special fittings etc. The quoted rates of tenderers shall accordingly include all these above-mentioned contingent works.

LIQUIDATED DAMAGES:

Should the work be not completed to the satisfaction of bank within the stipulated period, the contractor shall be bound pay the bank a sum calculated as given below by way of Liquidated Damages after the expiry of completion date

.1.00% of the estimated amount shown in the tender per week subject to a ceiling of 10% of the accepted contract sum.

TIME PERIOD FOR COMPLETION: 20 days from the date of award of work.
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FINAL PAYMENTS

The final bill shall be accompanied by a certificate of completion from the Occupant/Bank Officials. Payments of the final bill shall be made after deduction of retention money as specified in clause 9 of these conditions which sums shall be refunded after the completion of the defects liability period after receiving the banks certificate that the contractor has rectified all defects to the satisfaction of the banks. The acceptance of payments of the final bill by the contractor would indicate that he would have no further claims in respect of the work executed.

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ESCALATION:

The rates quoted shall be firm throughout the tenure of the contract [including extension of time, if any granted] and will not be subject to any fluctuation due to increase in cost of materials, labour, sales tax, octroi etc, unless specifically provided in these documents.

CONTRACTORS EMPLOYEES:

The contractor shall employ technically qualify and competent supervisors for the work who shall be available [by turn] throughout the working hours to receive and comply with the instructions of the bank officials. The contractor shall engage at least one experienced engineer, as site in-charge for the execution of the work the contractor shall employ in connection with the work persons having appropriate skill or ability to perform their job efficiently. The contractor shall employ local labours on the work as far as possible. No laborers below age of 16 and who is not an Indian national shall be employed on the work. Any laborers supplied by the contractor to be engaged on the work on day-work basis either wholly or partly under the direct order or control of bank or its representative shall be deemed to a person employed by the contractor.

The contractor shall comply with provision of all labour legislation including the requirements of

- a. Payments of minimum wages act
- b. Employers liabilities
- c. Workmen's compensation act
- d. Contract labour (regulation and abolition) act, 1970 and central rules 1971
- e. Apprentices act 1961
- f. Any other act or enactment relating thereto and rules framed there under from time to time

The contractor shall keep the bank saved harmless and indemnified against claims if any of the workmen and all costs and expenses as may be incurred by the bank in connection with any claim that may be made by any workmen.

The contractor shall comply at his own cost with the order of requirement of any health officer of state or any local authority or of the bank regarding the maintenance of proper environmental sanitary condition of the area.

The contractor shall arrange to provide first aid treatment to the laborers engaged on the works. He shall within 24 hrs of occurrence of any accident at or about the site or in connection with execution of work, report such accidents to the bank and also the competent authority where such report is required by law.

The contractor shall obtain all Risk Insurance Policy at their cost within 7 days of commencement of work, for the laborers/workmen working at the site including the work till the work is completed. The policy shall be in the joint name of the Bank and contractor and Bank's name shall appear First.

PAYMENTS:

The contractor, in the form prescribed by the bank shall prepare all the bills and submit the same to Bank with measurement of work. Normally one interim bill shall be prepared each month. Bank may release payment within 15 days of receipt of bills/after check measurement, after deduction of retention money, Income Tax etc. The contractor shall have a competent engineer at site for the supervision of the work.

The contractor shall have to make his own arrangements for watch and ward of the work/building, till the work is handed over to the bank.

The decision of the bank will be final and binding with regard to the quality of work is concerned.

The contractor is responsible for procuring the required materials for the work and stores the same at site at his cost and risk.

The amount stated in the interim certificate shall be the 75% of total value of the work executed up to date of the bill, less the amount to be retained by the bank as retention money. If the bank has supplied any materials or goods to the contractors, the cost of such materials will be progressively deducted from the amount due to the contractor on accordance with the quantities consumed in the work. All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for works actually done and completed and shall not preclude the requiring of bad, unsound or imperfect or unskilled work to be removed and taken away and reconstructed or re-erected or be considered as an admission of the due performance of the contract

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or any part there of if any respect or accruing of any claim nor shall it conclude, determine of effect in any way the power if the bank under conditions or any of them add to the final settlement and adjustment of the accounts or otherwise or in any other way or affect the contract.

The contractor shall submit the final bill within one month from the date of completion of the work. A certificate of completion from the bank shall accompany the final bill. The payment of the final bill shall be made after deduction of retention money as specified elsewhere in these documents.

ARBITRATION:

All disputes or differences of any kind whatsoever which shall at any time arise between the parties here to touching or concerning the works or the execution or maintenance thereof of this contract or the rights touching or concerning the works or the execution of maintenance thereof of this contractor or the construction remaining operation or effect thereof or to the rights or liabilities of the parties are arising out of or in relation thereto whether during or after determination foreclosure or branch of the contract[other than those in respect of which the decision of any person is by the contract expressed to be final and binding] shall after written notice by either party to the contract to the other of them and to the employer hereinafter mention to deal referred for adjudication to a sour arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole arbitrator referred to above, the employer will send within 30 days of receipt of the notice, to the contractor a panel of 3 names of persons who shall be presently unconnected with the organization for which the work is executed.

The contractor shall on receipt of the names as aforesaid, select, anyone of the person's name to be appointed as a sole arbitrator and communicate his name to the employer within 30 days of the receipt of the names. The employer shall thereupon without any delay appoint the person as the sole arbitrator. If the contractor fails to communicate such selection as provided above within the period specified, the competent authority shall make the selection and appoint the selected person as the sole arbitrator.

If the employer fails to send to the contractor the panel of 3 names as a foresaid within the period specified, the contractor shall send to the employer a panel of 3 names of persons who shall be unconnected with either party. The employer shall on receipt of the name as a foresaid select anyone of the person's names and appoint him sole arbitrator. If the employer fails to select the person and appoint him as a sole arbitrator within 30 days of the receipt of the panel and inform the contractor accordingly, the contractor shall be entitled to appoint one of the persons from the panel as the sole arbitrator and communicate his name to the employer.

If the arbitrator as appointed is unable or unwilling to act or resigns his appointment or vacates his office due to any reason whatsoever another sole arbitrator shall be appointed as aforesaid.

The work under contract shall, however, continue during arbitration proceedings and payment due or payable to the contractor shall be withheld on account of such proceedings.

The arbitrator shall be deemed to have entered on the reference the data he issued notice to both the parties fixing the date of the first hearing.

The arbitrator may from time to time, with the consent of parties, enlarge the time or making and publishing the award.

The arbitrator shall give a separate award of each disputes or difference referred to him. The arbitrator shall decide each dispute in accordance with the terms of the contract and give a reasonable award. The venue of arbitration shall be such place as may be fixed by the arbitrator in his sole discretion.

The fee, if any, of the arbitrator shall, if required to be paid before the award is made and published, be half and half by each of the parties. The cost of the reference and of the award including the fees, if any, of the arbitrator who may direct to and by whom and in what manner, such costs or any part thereof shall be paid and may fix or settle the amount of costs to be so paid.

The award of the arbitrator shall be final and binding on both the parties.

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Subject to aforesaid the provision of the arbitration act 1940 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

The employer and the contractor hereby also agree that arbitration under the clause shall be a condition precedent to action under the contract with regard to the matters hereby expressly agreed to be so referred to arbitration.

Date:

**Signature of the Contractor
With seal and address**

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CANARA BANK # PORTBLAIR SECRETARIAT BRANCH & ATM # KOLKATA CIRCLE

B O Q FOR INTERIOR FURNISHING WORKS

Sl No.	Description Of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Dismantling existing All Furnishing works of Branch & ATM etc. and removing the rubbish outside the compound complying local municipal rules as per direction of Bank / Architect.	1.00	unit		
2	Providing and fixing in position full height solid partition 65 mm thk. as indicated in the drawing excluding the door made out of hard wood sections of 50mm x 50mm as internal framed structure placed horizontally & vertically in 600mm x 600 mm center to center or as directed by the Architect. The alternate corner vertical members of the partition shall be taken upto the ceiling level (payment shall be made for the partition measured below the false ceiling level) and the same shall be anchored to the ceiling securely with help of suitable cleats. Framework shall be fixed with 6 mm thick marine grade ply (IS - 710) of approved make on both sides finished as per following specifications. The Partition shall be finished with 1.0 mm thick laminate of approved shade and make or equivalent on both the sides. Rate shall be inclusive of provision of pencil groove as directed by the Architect. The item does not include the doors.	115	sq. ft.		
3	Providing & Fixing double skin low ht. partition with wicket door (1200 mm. high) with electrical wire management system, 900 mm. solid, then 300 mm. partly glazed (as per drawing), made out of hard wood sections of 50mm x 50mm as internal framed structure spaced not more than 600 mm. c/c bothways, double skin partition fixed to wooden frame made of 6 mm. thk. approved marine grade ply (IS:710), finished both side with approved laminate with 1.5 mm. groove design, 4" high laminated skirting etc., the vertical support of 50 x 50 mm. frame to be extended upto 1200 mm., side & top faces to be covered with 65 x 15 mm. CP teak wood moulding bead (curved at top) with 6 mm. x 6 mm. polished groove. 300 mm. high x 10 mm. thk. glass to be fixed to partition with 30 x 12 mm. teak wooden bead with 6 mm. groove, all exposed teak wood surface to be completed with natural colour high polishing etc. all complete as per design, direction and approval of the Architect.	90	sq. ft.		
4	Providing & fixing fully glazed 12 mm. thk., 400 mm. high, non-toughened clear float Glass , with polished edge fitted in front of table top. The glass to be fixed with low ht side partition with polished wooden beading, complete as per design & direction.	12.00	sq. ft.		

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5	Providing and fixing Solid Core Flush Door Shutter (IS - 2202) of 35 mm thk. finished both side with 1 mm thk. approved colour laminate (IS : 2046) with 1.5 mm. groove design to be fixed to existing Wooden frame. The rate shall be inclusive of fitting and fixing of hinges, 1 no. Godrej make door closer, 1 no. CP finsh door stopper, screws, 1 no. Godrej cylindrical lock, tower bolt of approved make. All edges of the door to be covered with necessary lipping with polish finish. The work should be completed as per specification, design and approval of Architect.				
a	Shutter size : 900 mm. x 2100 mm. with glazing size 600 x 1800 mm.	21.00	sq. ft.		
6	Providing and fixing Storage Unit made out of 19 mm block board (IS : 1659) for top, sides & 6 mm. for back finished with 1.0mm laminate. The openable shutters to be made out of 19 mm block board finished outside with 1.0 mm laminate (IS : 2046). The cabinet will have shelves of clear ht. approx. 14". The shelves to be made of 19 mm. thk. block board. The necessary godrej multipurpose locks, 4" SS matt finished handles, hinges are to be provided. 4" laminated skirting to be provided. Inside of the unit to be synthetic enamel painted / polished in matching tone. All the exposed edges of the boards/ plywoods to be covered with white beach/ teak wooden lippings/ mouldings (6 x 20 mm.) duly natural polished all complete. The work to be completed as per approval and specification of the architect.				
a	Low Height Storage (upto 900 mm. high)	30.00	sq. ft.		
7	Providing & fixing in position 19mm thk. Blockboard structure, Cash Work Station of size W-1500 x D- 900 x H-750 mm inclusive of a 1050 mm height front partition, 400 mm wide customer writing top, table top,finished with 1mm thk. laminate. Inside of table top finished with painting / polishing. The design in the front apron as per bank's design guidelines. The workstations shall be supported from the partition system at both side. The workstation to be comprised with a Drawer unit of approx. overall size of 400 x 600 x 725 mm. (h) made with 12 / 19 mm. thk. block board with telescopic drawer slides. The drawer unit shall comprise of 3 drawers with inner faces polished with approved shade. The drawer unit shall be finished with 1 mm. laminate. The quoted price should include cost of teak wood moulding to edges, wood lipping, multi locks of Godrej make & other necessary hardware accessories including SS handles, pvc wire manager, keyboard tray, mobile CPU trolley etc. of approved quality all complete as per design & direction.	5.00	rft		

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8	<p>Providing & fixing 2100 mm. high Cash Work Station Partition (sides & back of cash cabin) solid upto 1050 mm. (with electrical wire management system), above solid part there will be aluminium decogrill (colour anodised) upto 2100 mm. lev. as per design. Decogrill to be fixed with 35 x 20 mm. teak wood beading and duly polished matching with laminate color above solid part. Partition to be made of 50 x 50 mm. seasoned hard wood framing spaced not more than 600 mm. c/c bothways, double skin partition fixed to timber frame made of 6 mm. thk. approved ply as per IS:710, finished both side with approved laminate with groove design complete with polishing, 4" high laminated skirting etc. all complete as per design, direction and approval of the Architect.</p>	40.00	sq. ft.		
9	<p>Providing and fixing 12 mm thk x 1050 mm. high clear non-thoughted glass finished with machine polished of all free edges above working top providing a semicircular hole of 150 mm. dia. for operation, the glass to be fixed to side partition using 35 x 10 mm. continuous polished wooden bead at both side of the glass, all complete as per design and drawing by our Architects.</p>	12.00	sq. ft.		
10	<p>Providing and fixing Gypsum false ceiling which includes G.I perimeter channels of size 0.55mm thk. (having one flange of 20mm and another flange of 30mm and a web of 27mm) along with perimeter of ceiling, screw fixed to brick wall/partition with the help of nylon sleeves and screws, at 610mm centres. Then suspending G.I intermediate channels of size 45mm (0.9mm thk. with two flanges of 15mm each) from the soffit at 1220mm centres with flanges of 26mm each with lips of 10.5 mm are then fixed to the intermediate channel with the help of connecting clip and in direction perpendicular to the intermediated channel at 457mm centres. 12.5mm tapered edge Gypboard (confirming to IS: 2095 - 1982) is then screw fixed to ceiling section with 25mm drywall screws at 230mm centers. Screw fixing is to be done mechanically either with screw driver or drilling machine with suitable attachment. The boards are to be jointed and and finished so as to have a flush look which includes filling and finishing the tapered and square edges of the boards with jointing compound. No extra payment will be made for the cutting of light points , stain glass, cove lighting etc. The measurement will be taken in one level, rate should include the drops also, no extra amount will be paid for the drops. The joints to be properly mended with paper tapes and gypsum compound. The surface to be finished with two coats of distemper paint of approved shade with two coats of good quality drywall primer all complete. The rate should include the full completion of the ceiling. At the time of handing over the site all necessary repairing work to be considered if required. The work to be completed as per specification, drawing and approval of the Architect. No Drop or design (if any) will be considered as extra measurement it will be considered flat ceiling.</p>	500.00	sq. ft.		

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12	Providing and fixing soft board/ notice board fabricated out of 12mm BWR ply covered with 12mm soft board padding and upholstery propylene fabric @80/ mtr. Edges of the soft board should have white beach/white cedar moulding with natural polished. NB : where pin up board is in a panelled area, the top of the pin up board should be flushed with the panel, keeping the same level. The work should be completed as per design specification & approval of the architect.	24	sq. ft.		
13	Providing & fixing synthetic door mats of approved shade from Birla 3M (6mm thk). The work to be completed as per approval of the Architect. (1.5 m. x 0.75 m.)	2	unit		
14	Providing & erecting in position free standing table made of 19 mm. thk. BWP grade block board for sides, top & panel, finished with 1 mm. thk. laminate of approved shade & make in outer faces. Inside of the table to be finished with synthetic enamel paint / polish as per matching tone. Drawer cum cabinet unit of approx. overall size of 400 x 600 x 725 mm. (h) of 19 mm. thk. block board. The drawer unit shall comprise of 1 tea tray, 1 drawer, 1 cabinet with inner faces polished with approved shade with telescopic drawer slides. the drawer unit shall be finished with 1 mm. laminate including cabinet shutter. The quoted price should include cost of teak wood moulding to edges, wood lipping, multipurpose locks of Godrej make & other necessary hardware accessories including SS handles, pvc wire manager, metal keyboard tray, mobile CPU trolley, foot rest etc. of approved quality. All table should have a side credenza which shall be 900 mm. long., 400 mm. wide & 750 mm. high with intermediate 1 no. shelf of 19 mm. BB. The side credenza have sliding shutters of 12 mm. thk. ply with 1 mm. thk. laminate finish on visible side. Inside of the unit to be synthetic enamel painted / polished in matching tone. All the ply edges should be lipped & finished with prescribed shade of polish. The rate also include the cost of hardwares like hinges, tower bolts, handles, magnets, wire manager etc.				
a	size : 1500 mm. x 750 mm. x 750 mm.(h) including side credenza	1.00	no.		
b	size : 1200 mm. x 750 mm. x 750 mm.(h) excluding side credenza	2.00	no.		
15	Providing & fixing in position wall / column panelling consisting of 6.0 mm thk. marine grade ply IS:710 with aluminium hat furring channel 22-25 @ 500 mm. both direction. The face of the cladding is to be laminated with 1.0 mm. thk. laminate of approved shade & groove design. The ply surface of the groove is to be melamine polish finished of approved colour. The item is to be completed in all respects as per design & approval of the architect.	300	sq. ft.		

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16	<p>Providing and fixing Aluminium Main Doors with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for 8 mm. thk. glazing, decorative colour sticker as per standard design, stainless steel screws, floor springs, lock, handle all necessary hardware of Powder coated aluminium of approved colour (minimum thickness of powder coating 50 micron) as approved by the architect /Bank complete in all respect.</p>	49.00	sq. ft.		
17	<p>Providing and fixing Aluminium Fixed Glazing with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for 8 mm. thk. glazing, decorative colour sticker as per standard design, stainless steel screws all necessary hardware of Powder coated aluminium of approved colour (minimum thickness of powder coating 50 micron) as approved by the architect /Bank complete in all respect.</p>	60.00	sq. ft.		
18	<p>Providing & Fixing 1200 mm. x 1500 mm. high x 12 mm. clear Toughened Glass fitted to floor with ss patch fittings with sticker design, bands etc. (polished edge as directed) complete as per design & direction. (in ATM)</p>	20.00	sq.ft.		
19	<p>Providing & fixing rolling shutters encasement with 3mm thick (0.5mm + 2 mm + 0.5mm) ACP in approved colours all complete with approved aluminium sub structure, aluminium brackets, silicon sealants, gaskets, PVDF coating in approved colour etc. all complete including bird/ vermin proof closer at the bottom and flashing at top, complete as per instructions & drawings.</p>	100.00	sq. ft.		
20	<p>Providing & fixing writing ledge 900 mm. long x 300 mm. wide x 150 mm. deep, as per design made out of 19mm BWP block board with necessary groove patterns 1.0mm laminate. A divider made of 19mm block board to be provided. White beach / white cedar lipping with natural polish to be used in all exposed areas, inside of writing ledge to be enamel painted. Top of ledge will be of 12 mm. thk. float glass. The work to be completed as per design and approval of the architect.</p>	2	unit		

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21	Providing and fixing Drop / Suggestion Box (400 x 600 x 150 mm.) made out of 19mm BWR Ply and finished with 1 mm. laminate and enamel painted inside. A 6" long slit is to be made in the front for inserting letters etc. The shutter with necessary locking arrangement & should have a glass panel at bottom. The work should be completed in all respects as per design specification & approval of the architect.	2	unit		
22	Priming two coats on plastered surface with acrylic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	1300.00	sq. ft.		
23	Wall painting with Plastic Emulsion Paint , having VOC (Volatile Organic Compound) content less than 50 grams/ litre, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				
	Two coats	1300.00	sq. ft.		
24	Priming two coats on timber, steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc. complete as directed.	400.00	sq. ft.		
25	Painting on all types of Metal surface with Synthetic Enamel Paint of approved brand and manufacture of required colour to give an even shade				
	Two coats	400.00	sq. ft.		
TOTAL					

APPROVED MAKE OF MATERIALS		
1	False Ceiling / Channels	India Gypsum / Armstrong / Saint Gobain
2	Wood Frame Work / Wood Section : All Wood, Must be well seasoned, free from knots, other defects decay and defects due to handling and Transportation. Wherever necessary, provide with anti – termite Treatment.	Malaysian Sal / Kapoor
3	Wood Skirting / Moulding / Lipping / Bidding	White Beach / White Cedar / CP Teak
4	Wood Preservative	STP Pentaphene Pale / Termiseal by PCI / Bison by British Paint
5	Fire Reterdant Paint	Industrial grads of Noble / Viper
6	BWR Ply (IS : 710)	Century / Green / Globe
7	Flush Door / BWP Block board (IS : 1659)	Century / Green / Globe
8	Laminate (1.0 mm thk.) (IS : 2046)	Green lam / Century mica / Sunmica / Airolam
9	Door Closure (Heavy Duty)	Godrej / Archi / Sterling (DC 2000)
10	Floor Spring (Heavy Duty)	Godrej / Archi / Sterling (FS 3000)
11	Door Lock (Dead)	Godrej / Hafele /Hettich / Kich / Doorset / Yale
12	Door Handles	Godrej / Hafele /Hettich / Kich / Doorset
13	Drawer / Storage Handle	Godrej / Hafele /Hettich / Kich / Doorset
14	Drawer / Storage Lock (Multipurpose)	Ebco / Hafele /Hettich /Doorset
15	Night latch	Godrej / 4C Acme
16	Screws	GKW / Nettle fold
17	Hinges	CIEF
18	Sliding Telescopic Drawer Channel	Ebco / Earl Behari / Efficient Gadjets

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19	Cable Organiser	Ebco / Innofitt Systems (CM 63.C)
20	Adhesive	Fevicol SH / Fevimate TL
21	Soft Board	Jolly Board
22	Vertical Blinds	Mac / Annums / Window Fashion
23	Glass	Modi / AIS / Saint Gobain
24	Paints (Synthetic Enamel / Acrylic Emulsion)	Asain Paints / Berger / ICI
25	PVC Flooring	Krishna Vinyl / Armstrong / Birla
26	Texture Paint	Spectrum
27	Glass	Modi / AIS / Saint Gobain
28	European WC / Washbasin	Hindware / Parryware
29	Sanitary Fittings	Jaquar / Essco Delux
30	G.I. Pipe	Tata (Medium)
31	Cement	Ultratech / Lafarge / ACC
32	Footmat	Birla 3M / Approved Equivalent
33	Vitrified Tiles	Johnson / Naveen / Kajaria
34	Ceramic Tiles	Johnson / Naveen / Kajaria
35	Chairs	Godrej/Methodex/Monarch
36	All other items not covered above	As per sample approved by Employer/Consultant

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CANARA BANK # PORTBLAIR SECRETARIAT BRANCH & ATM # KOLKATA CIRCLE

B O Q FOR ELECTRICAL WORKS

SI No.	Description Of Item	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	MAIN INCOMING SFU				
	S/I/T/Commissioning of 63 Amp. TPN Main Switch (HRC type SFU) at main incoming from CESC / SEB to be fixed on MS angle framework & 2 nos. cable end box including necessary interconnections	1	unit		
2	MAIN PANEL BOARD				
	S/I/T/Commissioning of 8 way Vertical DB double door made out of 16 SWG CRCA Sheet, dust and vermin proof, wall mounting in recess / surface consisting of the following : Incomer : 63 Amps 4 Pole 100mA MCCB - 1 no. Outgoing : 40 Amps TP MCB - 2 No., 40 Amps 2P MCB - 1 Nos., 25 Amps 2P MCB - 2 Nos.,	1	unit		
3	UPS INPUT/ OUTPUT				
	63 Amps/40 Amps 4P MCB in MS enclosure box	4	unit		
4	DISTRIBUTION BOARDS (All MCBs to be "C" series) (All connections to be through Cu socket)				
a	Providing and fixing 12 way SPN double door UPS DB with incomer 1 no. 40 Amps DP MCB controlling 10 nos. 16/10 Amp SP MCB Complete.	2	unit		
b	Providing and fixing 12 way SPN double door LIGHT DB for LIGHT POINTS with incomer 1 no. 25 Amps DP RCBO controlling 10 Nos. 6/10 Amp SPMCB Complete.	1	unit		
c	Providing and fixing 4 way TPN double door AC/POWER DB for A.C. POINTS with incomer 1 no. 63 Amps 4P MCB controlling 12 no. 10/16 Amp SPMCB, keeping other space as spare Complete.	2	unit		
d	Providing and fixing 1 no. 25 Amps DP MCB with metal enclosure controlling few light points and UPS input.	1	unit		
5	CABLES				
a	Providing and placing in position, testing and connecting 1.1 KV grade Cu cable 3.5C x 25 sq. mm. with 2 Nos 10 swg GI ECC by GI bar and saddles on wall/floorpass. Cable to be for <u>Main switch to Main Panel</u> Including all necessary terminals etc. complete.	20.00	r. m.		
b	Providing and placing in position, testing and connecting 1.1 KV grade Cu cable 4C x 16 sq. mm. with 2 Nos 10 swg GI ECC by GI bar and saddles on wall/floorpass. Cable to be for <u>DG to Main Panel</u> Including all necessary terminals etc. complete.	30.00	r. m.		

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c	Providing and laying 4 x 6 sq. mm.& 2 x 4 sq. mm. FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from <u>Main DB to AC DB</u> . Including all necessary terminals etc. complete.	30.00	r. m.		
d	Providing and laying 4 x 6 sq. mm. & 2 x 4 sq. mm. FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from <u>Main DB to UPS Input and UPS Output to UPS DB</u> . Including all necessary terminals etc. complete.	40.00	r. m.		
e	Providing and laying 4 x 6 sq. mm. & 2 x 2.5 sq. mm. FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from <u>Main DB to POWER DB</u> . Including all necessary terminals etc. complete.	40.00	r. m.		
f	Providing and laying 2 x 6 sq. mm. & 1 x 2.5 sq. mm. FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from <u>Main DB to LIGHT DB</u> . Including all necessary terminals etc. complete.	40.00	r. m.		
g	Providing and laying 2 x 2.5 sq. mm. & 1 x 1.5 sq. mm. FR PVC coated copper conductors (1.1 KV grade) in pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories from <u>LIGHT DB to SWITCH BOARDS / RAW POWER</u> Including all necessary terminals etc. complete.	120.00	r. m.		
h	Providing and laying 2 x 2.5 sq mm. & 1 x 1.5 sq. mm. FR PVC insulated multi stranded copper wire in suitable size pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories for <u>UPS DB To Computers</u> . Including all necessary terminals etc. complete.	150.00	r. m.		
i	Providing and laying 2 x 4 sq mm. & 1 x 1.5 sq. mm. FR PVC insulated multi stranded copper wire in suitable size pvc rigid pipe/capping-casing on surface of wall duly clamping with necessary fittings and accessories for <u>DB To Glow Sign Board / AC Point</u> . Including all necessary terminals etc. complete.	40.00	r. m.		
6	POINT WIRING				
a	Providing & fixing POINT WIRING for Ceiling and wall lights. Point wiring to be laid from switch board with 2 x 1.5 sq. mm. + 1 x 1.0 sq.mm. PVC insulated copper conductor with all necessary accessories, such as saddles etc. on surface or embedded in wall, chasing the walls and making the surface neat afterwards. The item includes modular switch 6 Amp with all base plates & cover plates, M.S. box of same make etc. 3 - plate ceiling rose to be provided for Exhaust fans complete. (one light to be controlled by one switch)	15.00	unit		

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b	Providing and fixing point wiring with same specifications as MAIN point wiring above : <u>two points to be controlled by one switch.</u>	18.00	unit		
c	Providing and fixing power point for Wall / Exhaust Fan points with 1 x 2 pin 6 Amp socket outlet to be provided at the location of fan	6.00	unit		
d	Providing & fixing Raw Power Point Includes 1 nos. 5 pin 6 AMP socket and 1 no 6 Amp switch etc. complete.	10.00	unit		
e	Providing & fixing Computer Plug Points with 3 Nos 5 pin 6 Amp sockets, 1 Nos 6 amp switch & one indicator lamp, complete with all necessary accessories. The switch and indicator to be located above the counter while sockets to be fixed below the counter.	15.00	unit		
f	Providing and fixing BELL POINTS on wall / partition with 2 x 1.0 sq. mm. copper conductor with call bell switch (Push Type) including ANCHOR call bell TRESSA Multi Tune Bell complete.	1.00	unit		
g	Providing and fixing Glow Sign Board/ AC in ATM point with timer controlling thro. separate 16 Amp. DP MCB with metal enclosure complete.	3.00	unit		
h	Providing and fixing Starter for AC consisting of 15 Amp. Socket for plug, 12-18 Amp. Starter (socket to provide near indoor unit)	4.00	unit		
7	EARTHING				
a	Earthing installations as per I.E. rules by making earth stations with 600 mm x 600 mm x 6.0 mm. thick copper plate electrode to be installed such that its top edge shall be at a minimum depth. of 3.0 meter below ground level after preparation of ground with charcoal and salt and connecting the MIP with 25 mm x 6 mm G.I. earth lead-in-strip directly in ground by bolting and then brazing to the copper Plate complete with G.I. bolts of suitable length double nuts and washers including supply and fixing of 50 mm dia. partly perforated G.I. pipe with funnel for watering arrangement. 3.0 m. long with 300 x 300 mm. casting plate connection to be fitted with bitumen, the electrode to be driven under G. L. to an av. depth of 3.15 m. The earthing installation should be provided with 300 mm x 300 mm and 300 mm depth inside dimension masonry inspection pit with C.I. hinged cover having locking arrangements, test link of size 150 mm length x 25 mm x 6 mm copper flat connected to copper earth lead-in-strip and restoring the surfaces duly rammed.	1.00	unit		
b	Providing and fixing Pipe Earthing (IS 3043 Code) 3.0m. deep with 40 mm. dia. GI pipe With perforations filled with alternate layers of Charcoal and salt. The item includes Funnel on top in brick masonry chamber with CI cover for watering purpose complete.	3.00	unit		
c	Providing and fixing Copper Earth Wire 8 guage in pvc conduit in Floor / walls From earth pit to earthing station & finally connected to Main Panel Board Complete.	45.00	r. m.		
8	TELEPHONE CABLING				

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a	Supplying, Installation, Testing & Commissioning of 10 pair 0.51 sq. mm. telephone unarmoured cable in 20 mm PVC pipe. (Make - Finolex / Havells / Polycab)	40.00	r. m.		
b	S/I/T/Commissioning of Telephone point with 1 No. of RJ-11 socket, 1 Module Plate & Modular Box as per instructions of the Architect.	2.00	unit		
c	S/I/T/Commissioning of telephone Junction box 10 pair krone type housed in MS box with Lock & key.	1.00	unit		
9	ELECTRICAL FIXTURES				
	Item includes supplying, assembling, fixing, testing & commissioning Following Fixtures including all accessories, lamps & extension chords as maybe necessary complete. All LED / Flurescent fixtures (except down lighters) to be hung from the RCC ceiling by 20 KG grade adjustable GI chain & in NON False ceiling area they are to be hung by appropriate Down Rods.				
a	Providing and Fixing Recessed mounted diffused optics high performance 2' X 2' LED luminaire with necessary LED lamp (34W LED 6000K) or similar	9.00	unit		
b	Providing and Fixing Recessed mounted LED spot light with necessary LED lamp (15W LED 6000K) or similar. (Ceiling cutout ø 155 mm.)	37.00	unit		
c	Providing and Fixing Surface mounted 4' long luminaire suitable for Lamp type 18W LED (T5) or similar	4.00	unit		
d	Providing and Fixing Surface mounted 2' long luminaire suitable for Lamp type 12W LED or similar	1.00	unit		
e	Providing and Fixing Surface mounted LED Bulb Holder of HAVELLS with necessary LED lamp (12W LED 6000K) or similar.	1.00	unit		
f	Providing and Fixing wall mounted fans 400 mm. sweep	5.00	unit		
g	Supplying & Fixing of exhaust fan heavy duty industrial type 225 mm sweep with 1400 RPM.	1.00	unit		
10	Dismantling existing wiring / DB / light fittings / fan, any types of electrical work etc. and removing the rubbish outside the compound for auctioning complying local municipal rules as per direction of Bank / Architect.	1.00	unit		
	TOTAL (B)				

APPROVED MAKE OF MATERIALS		
1	Switch fuse units (HRC)	LEGRAND / INDO-ASIAN / HAVELLS
2	Timer (TSQ 100)	L & T / HAVELLS
3	Voltmeter & Ammeter	A. E. / IMP
4	Voltmeter & Ammeter selector switches	KAYCEE / L & T
5	Phase indicating lamp	Vaishno / SIEMENS / ROSS controls
6	Capacitor	CROMPTON/SIEMENS
7	HRC fuses	GE power / SIEMENS / L & T / SCHNEIDER
8	Power Cable : XLPE	GLOSTER/POLYCAB/HAVELLS / NICCO
9	HRC fuse base & carriers.	GE power / SIEMENS / L & T / SCHNEIDER
10	1.1 KV grade PVC insulated armoured aluminium cable (ISI marked)	GLOSTER / NATIONAL / NICCO / HAVELLS

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11	1.1KV / 600V grade PVC insulated & sheathed / insulated copper wire & flexible cords (ISI marked).	FINOLEX / HAVELLS
12	RCCB / ELCB / MCCB	LEGRAND / INDO-ASIAN / HAVELLS
13	Moulded case circuit breaker	LEGRAND / INDO-ASIAN / HAVELLS
14	RCCB / ELCB	LEGRAND / INDO-ASIAN / HAVELLS
15	Switch fuse with rewirable fuses. (6A & 32A TPN)	LEGRAND / INDO-ASIAN / HAVELLS
16	Isolator	LEGRAND / INDO-ASIAN / HAVELLS
17	Changeover switch (on load type)	LEGRAND / INDO-ASIAN / HAVELLS
18	MCB distribution board	LEGRAND / INDO-ASIAN / HAVELLS
19	6/16 Amp modular type switch / flushed type plug socket	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
20	6/16 Amp modular switch / socket, module plate & mounting M.S. / PVC box.	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
21	16/25 Amp., 2 module electronic regulator	ANCHOR (Roma) / CRABTREE / INDO-ASIAN
22	Ceiling rose	KAY / EPP / ANCHOR / JJ
23	Holder	KAY / EPP / ANCHOR / JJ
24	Alarm bell	KHERAJ / GETCO
25	Black enamelled Steel conduits (conforming to IS in all respects)	BEC / SUPREME / AKG
26	Compression type brass gland	DOWELLS / JOHNSON / COMET
27	Cable termination socket	DOWELL'S
28	Light fitting & lamps	PHILLIPS / HAVELLS
29	Ceiling / Wall Mounted Fan	CROMPTON / POLAR / KHAITAN / HAVELL'S
30	Exhaust fan	CROMPTON / POLAR / KHAITAN / HAVELL'S
31	Industrial type socket & top	HAVELL'S / CROMPTON / LEGRAND
32	Telephone wire	FINOLEX / RRR/NATIONAL
33	Starters	NORTH WEST / CABTREE
34	All other items not covered above	As per sample approved by Employer/Consultant

Sl. No.	Description	Amount Quoted
1	Furnishing Work (A)	
2	Electrical Work(B)	
3	Net Total (A+B)	
4	Discount if any	
5	Net Total After Discount	
6	GST	
7	Total inclusive of GST	

Note: Lowest Bidder will be the lowest of Sl No. 5 i.e. Net Total After Discount

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