

BANK OF BARODA

**TENDER DOCUMENT
OF
FURNISHING & ELECTRICAL WORK
(RTC & ZIAD PREMISES)
AT
AIRPORT ROAD, BHOPAL (M. P.)**

ARCHITECT

J.MALKAN

62, SECTOR – 1 SHAKTINAGAR,

BHOPAL 462024

PH: 2458349, 4289094, 9826011158

BANK OF BARODA ZONAL OFFICE, BHOPAL .

Sealed tenders on item rate basis are invited in enclosed form from **competent Contractor having good technical & financial capacity** for the work of **FURNISHING & ELECTRICAL WORK IN RTC & ZIAD PREMISES FOR BANK OF BARODA AT AIRPORT ROAD, BHOPAL**

- 01. Issue of tender documents : 06 DECEMBER 2021**
- 02. Last date of receipt of tender : 27 DECEMBER 2021 up to 15.00 hrs.**
document
- 03. Date & Time of opening : 27 DECEMBER 2021 at 15.30 hrs.**
- 04. Place of submission of bids : Bank of Baroda, Zonal office, Bhopal.**
- 05. Date of commencement : Immediately on issue of work order.**
- 06. Date of completion of work : 20 days from issue of work order.**
- 07. Period for settlement of final bill : 30 days from date of issue of completion certificate by the Architect.**
- 08. Retention percentage : 10% (Ten percent) from each running bill.**
- 09. Earnest money deposit : Rs. 28500/- (Rupees Twenty Eight Thousand Five Hundred only)**
- 10. Security deposit : @ 2 % of contract value including EMD before awarding the work.**
- 11. Release of retention money/ earnest money : Earnest money after completion of work and certification of final bill.
Retention money after defect liability period.**
- 12. Value of work for interim certificate : Rs.500000/- (Rupees Five Lakh minimum)**
- 13. Liquidated damages for non completion of work within the date of completion : Rs. 10000/- (Rupees Ten Thousand only) of the value of work for every week if the work remains unfinished after the date of completion or the date extended subject to maximum of 10% of the value of work.**
- 14. Defect liability period : 12 months from the date of completion certificate issued by the Bank Architect.**
- 15. Cost of tender document : Rs. Nil**
- 16. Interested bidder may obtain further information from the office of consultant / Bank Architect.**
- 17. Bank reserves the right to reject wholly or part of any or all tenders received without Assigning any reason whatsoever, Also Bank reserves the right to split the work and place the order to more than one party.**
- 18. Tender document is valid only for empanelled contractors of BHOPAL ZONE.**

Contractor's Signature

SUBMISSION OF TENDER

The tenders are to be submitted in separate envelopes each sealed and clearly identified as to envelope number and contents as indicated below. All the envelopes shall be contained in a large envelope “ **Tender for Furnishing & Electrical work in RTC & ZIAD Premises for Bank of Baroda at Airport road, Bhopal**, and are to be submitted at **Zonal office of Bank of Baroda, Ganga Jamuna Complex, Maharana Pratap Nagar, Zone-I ,Bhopal-462011 (M.P.)** Each tenderer will be issued one set of tender documents with schedule of quantities (one set) and drawing. Tenderer will have to return all the documents and drawing issued to them while submission of their tender duly stamped and signed as per instruction.

ENVELOPE NO. 1

Envelope no. 1 shall contain Technical details of contractor. **Contractor shall submit Tin number, GST NUMBER & Pan number , solvency certificate and work order of single work of minimum 15 lakhs or two works of minimum 10 lakhs done in last 3 years.**

ENVELOPE NO. 2

The envelope no. 2 shall contain earnest money deposit in the form of crossed demand draft of **Rs. 28500/- (Rupees Twenty Eight Thousand Five Hundred only)** drawn in favor of **DGM, BANK OF BARODA Zonal office, Bhopal** This envelope shall be super scribed “**Envelope No. 2, Earnest money deposit for Furnishing & Electrical work in RTC & ZIAD Premises for Bank of Baroda at Airport road, Bhopal.**

ENVELOPE NO. 3

Envelope no. 3 shall contain tender documents and rates for Schedule of quantities, each page and correction duly signed by tenderer including form duly filled in rates in figures and words both. This envelope will be super scribed “ **Envelope No. 3 Tender document for Furnishing & Electrical work in RTC & ZIAD Premises for Bank of Baroda at Airport road, Bhopal.**

PROJECT INFORMATION

- 1.1 (i) **Owner** : **BANK OF BARODA , ZONAL OFFICE, BHOPAL.**
- (ii) **Architect** : **J. MALKAN. 62, sector-1, Shaktinagar, Bhopal- 462024**
Phone: 9826011158, 8349381349
- (iii) **Site** : **RTC & ZIAD Premises of Bank of Baroda at**
Airport road, Bhopal.
- (iv) **Work** : **Furnishing & Electrical work in RTC & ZIAD**
Lobby Premises for Bank of Baroda at Airport road,
Bhopal.

1.2 SITE CONDITION:

Tenderer shall visit the site to check the actual site condition prevailing at site. The tenderer shall visit the site and acquaint himself fully of the conditions and no claims what so ever will be entertained on the plea of ignorance or difficulties involved in the execution of work or for carriage of materials, storage, stacking etc., of material. The contractor shall also acquaint himself with existing electrical layout and position of electrical point.

INTERESTED CONTRACTORS HAVE TO VISIT THE EXISTING PREMISES OF RTC & ZIAD AT MINAL RESIDENCY, J.K. ROAD, BHOPAL BEFORE SUBMITTING THE TENDER DOCUMENT.

1.3 SCOPE:

The work consists of Interior decoration which includes construction of counters, cash counters, partitions, cabinets, false ceiling, electrical wiring, supply & fixing of electrical fixtures like lights, fans, bell, computer wiring, A.C. wiring , earthing, distribution boards, switch boards, etc., in branch premises, some premises may include civil work also.

All work during its progress and upon completion shall confirm to the lines, elevation and grades, as shown on the drawings furnished by Architect, should any detail essential for completion of work be omitted from the drawings and specifications, it shall be the responsibility of contractor to inform the Owner/ Architect and to furnish and install such details with and ready for use.

Owner/ Architect may in their absolute discretion issue further drawings & or written instructions, directions in regard to:

- (a) The variation, alteration, modifications of the design, quality or quantity of work or substitution of any work.
- (b) The removal from site of any defective material brought thereon by the contractor.
- (c) The demolition, removal and/or re execution of any work executed by the

contractor.

- (d) The rectification & making good of any defects under clauses hereinafter mentioned and defects arising during the maintenance period.
- (e) The rates of items not mentioned in the schedule of quantities shall be fixed by the Owner in consultation with the Architect as provided in the clause of variation.

1.4 AGREEMENT:

The successful contractor may be required to sign agreement as may be drawn up to suit local conditions and shall pay for all stamps and legal expenses etc.

1.5 GOVERNMENT AND LOCAL RULES:

The contractor shall confirm to the provisions of all the local bye-laws and act relating to the work and to the regulations etc., of the Government and local authorities and of any company with whose system the structure is proposed to be connected. The contractor shall give all notices required by the said Act, Rules, Regulations and Bye-laws and pay all fees payable to such Authority/ Authorities for execution of the work involved. The cost, if any shall be deemed to have been included in his quoted rates, taking in account all liabilities for Licenses, fees for footpath encroachment and restoration etc., and shall indemnify the Employer against such liabilities and shall defend all actions arising from such claims or liabilities.

1.6 TIME OF COMPLETION.

The total work shall be completed as per the stipulated period, in all respect. The work shall not be considered as complete until the Owner / Architect has certified in writing and the defect liability period shall commence from the date of such certificate.

1.7 EXTENSION OF TIME:

If in the opinion of the Employer/ Architect the works be delayed (a) by reason of any exceptionally inclement weather, or (b) by reasons of instruction from the Employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighboring owners or (c) by the works, or delay, of other contractors or tradesmen engaged or nominated by the Employer and not referred to in the specification or (d) by reason or authorized extra additions or (e) by reasons of any combination of workmen or strikes or lock out affecting any of the building trades or (f) from other causes which the Employer may consider are beyond the control of contractor, the Employer at the completion of the time allowed for the contract shall make fair & reasonable extension of time for completion in respect thereof. In the event of the Employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably and no claim or extra rate shall be given.

1.8 REMOVAL OF IMPROPER WORK:

The employer shall during the progress of work have power to order in writing from time to time the removal of work within such reasonable time or times as may be specified, in the order of any materials which in the opinion of the Employer/ Architect are not in accordance with specification or instructions, the substitution or proper re-execution of any work with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the

contractor refuses to comply with the order the Employer shall have the power to comply and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Employer/ Architect shall be borne by the contractor. No certificate which may be given by the Architect shall relieve the contractor from his liability in respect of unsound work or bad materials.

1.9 DAMAGE TO PERSON AND PROPERTY:

The contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/ or decorative parts of the property which may arise from the operations or neglect of himself or of any sub contractor or of any of his or a sub contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in anyway connected with the carrying out of this contract. The clause shall be held to include inter-alia, any damage to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, footpaths, or ways as well as damages caused to the buildings and the works forming the subject of this contract by rains, wind or other inclemency of the weather. The contractor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any acts of compensation or damage consequent upon such claim. The contractor shall reinstate all damages of every sort mentioned in the clause, so as to deliver the whole of contract works complete and perfect in every respect and so as to make or otherwise satisfy all claims for damages to the property of third parties.

1.10 VALIDITY:

The contractor should note that the offer shall be valid for a period of 3 months from the date of opening of the quotation by the Bank.

1.11 SECURITY:

The Interior decorator contractor will make his own arrangements for the security of his materials of furnishing & decoration, electrical, etc., or any other material at site and the Bank will have no liability of any nature against the security.

1.12 POWER SUPPLY:

The power supply required will be made available by the owner for the work of Interior decoration.

1.13 ELECTRICAL WORK:

For electrical fixtures and light points required as per drawings the contractor has to draw the wires from existing position of light points, power points where ever and if available. The contractor shall submit the certificate from electrical contractor holding required license from M.P.E.B. and shall also get the old/ new meter, additional connection if required. Any charges towards the deposit/ replacement of meter or for any additional load shall however be borne by the Bank but rest all or any other charges shall be borne by the Contractor himself.

TESTING & COMMISSIONING:

Before the lighting/ power installation is made alive the Contractor shall carry out tests enumerated below in presence of Employer/ Architect or his authorized representative. All testing equipments necessary to carry out the tests shall be arranged by the Contractor and the test results recorded on approved proforma. Nothing extra shall be payable for testing.

01. Measure insulation resistance of each circuit without lamps being in place and it should be less than 5 mega ohms to earth.
02. Before energizing, measure insulation resistance of the cable from phase to phase and that from phase to ground. Insulation resistance of the bus bars at the lighting panel from phase to phase and from phase to ground shall be measured before energizing the panel and should comply latest IS codes.
03. Current and voltage of all phase shall be measured at the lighting panel bus bars with all circuits on the fixtures and also in all switch boards.
04. Check the earth continuity for all socket outlets. A fixed relative position of the phase & neutral connection inside the socket shall be established for the sockets.
05. The earth electrodes shall be tested for earth resistance by means of standard earth tester. The resistance between the earthing system and the general mass of earth shall not be greater than 1 ohm.
06. While crossing the expansion joints of building, conduits shall be provided with flexible pipe and shall not be more than 250mm, at both the ends of conduit, proper flexible couplings shall be provided and earth wire shall be properly connected to earthing terminal of coupling.
07. Contractor should quote after site visit only. In case for cable trench, street light pole, pit, earthing pit, etc., or any place where Contractor has to dig the earth in hard strata or rock he has to do so at quoted rates only for item. No blasting shall be allowed for such digging.
08. For earthing of street light tubular pole earth spirit shall be used & 8 SWG G.I. wire as per standard specifications.

1.14. VARIATION / DEVIATION :

The contractor may when authorized and shall when directed in writing by the Employer add and or omit, or vary the works given in the drawings or described in the specifications of included in the priced schedule or quantities. The contractor on his own accord shall make no addition, omission or variation without such authorization or direction. A verbal authorization or direction by the Employer shall when confirmed correctly by the contractor in writing within 3 days shall be deemed to have been given in writing.

The price of all such additional items will be worked out on basis of rates quoted for similar items in the contract wherever existing or on engineering rate analysis based on prevalent fair price of labor, material and other components as required.

2.0 COMMERCIAL TERMS:

2.1 PAYMENTS:

All bills shall be prepared by the Contractor in the form prescribed by Owner/ Architect, accompanied by detailed measurement in support of the quantities of work done. The Architect shall issue a certificate after due scrutiny of contractor's bill. The owner shall make the payment within 7 days of the date of certified bill by the Architect, after making deduction as per clauses.

All running bill shall be treated as advance payment only. However each running bill shall not be of value less than Rs. 5,00,000/-

2.2 RETENTION AMOUNT:

Retention money shall be deducted from progressive running bills @ 10% of the gross value of each running bill.

2.3 INCOME TAX: (Item 2.3 (a) not applicable for empanelled contractors.)

(a) The contractor shall furnish income tax clearance certificate along with tender.

(b) As per prevailing rate of income tax notification, shall be deducted from the payment of each running bill for which required certificate shall be issued by the owner.

3.0 INSTRUCTION TO CONTRACTOR'S & GENERAL TERMS AND CONDITIONS:

(Item 3.1 to 3.7 not applicable for empanelled contractor's.)

3.1 Each contractor has to furnish the following details regarding their financial capacity & experience along with the tender.

3.2 Class of registration of firm and the registration year (enclose photo copy of the registration certificate).

3.3 Agency with whom registered.

3.4 Value of work for which registration has been made (if registered with various agencies giving details or registration to above in case of all agencies).

3.5 The name of partners and detailed bio- data of each partner (enclosed copy of partnership deed) in case of firm. In case of company, its memorandum of Article of Association is to be enclosed. In case of Proprietary, bio- data of proprietor is to be enclosed.

- 3.6** Date of registration of firm.
- 3.7** Details of number of technically qualified employees engaged by your firm and their bio-data.
- 3.8** Architect will undertake periodic supervision of Interior decoration work and will ensure the quality of work and will check measurements of the running bills.
- 3.9** The Architect will check all running bills submitted by the contractor within a period of 15 (fifteen) days from the receipt of the same & will recommend for payment.
- 3.10** All the finishing materials like laminates, tapestry, rexin, colors for color scheme, lighting fixtures will have to be got approved by the Architect before implementation.
- 3.11** **EXPERIENCE:** (Item 3.11 not applicable for empanelled contractors)
The contractor should have minimum 3 years Interior decoration experience and should have decorated similar type of work in the name of company on whose behalf the contractor is holding this tender. The contractor should submit the details of works executed and works in hand.
- 3.12** Each and every page of the specification and schedule of quantities etc., should be signed by the contractor before submission, as a token of acceptance, correction if any should be attested.
- 3.13** Rates quoted should be in figures as well as in words and there should not be any over writing as far as possible.
- 3.14** Bank shall not be responsible in any way for an interruption, failure of power supply and the same shall not be considered as a reason for the delay in the completion of the work awarded.
- 3.15** The quantities specified are indicated for the purpose of estimate only. During the actual execution of Interior decoration work specified Bank shall be at liberty to vary (delete/ reduce/ increase) the quantum of any item of work or execute through any other agencies, as per their discretion, and the contractor shall have to carry the work as per rates quoted by them, and the contractor shall be not entitled for any extra compensation.
- 3.16** No escalation on any account of labor, material or any enhancement of statutory forces by the Government to employees of the contractor etc., shall be allowed. No enhancement in case of any type of levy imposed by the Government on any of the raw material used for Interior decoration work shall be allowed.

3.17 GST WILL BE PAID EXTRA AS PER GUIDELINES.

3.18 POWER OF ATTORNEY:

The quotation should be signed by any authorized person/partner who has the power of attorney to sign the contract as also for entering into an agreement with the respect, to the above, should be submitted along with the quotation.

Submission of quotation shall be treated as the acceptance of these terms and conditions and any counter terms shall not be accepted.

4.0 DRAWINGS INSTRUCTION AND MEASUREMENT:

All work shall be done according to the detailed drawings of the Architect. Measurements shall be taken of actual work done, as per schedule of items.

DRAWINGS:

The drawings as listed under the schedule of drawings are the part of the tender and the contractor shall strictly adhere to the same. The contractor shall read the working drawings carefully while quoting the rates. If necessary additional details, drawings shall be issued at the time of execution. The contractor shall provide the furnishing items as per the drawings, deviations shall be paid on the basis of the analysis approved by the Architect.

4.1 SAMPLES:

Samples of materials used in each item of work shall be submitted by the contractor at his own cost for the approval of the architect, and the contractor will be required to perform all work under this contract in compliance with the samples at his own cost.

4.2 STORAGE:

Safe, dry and proper storage and security shall be the responsibility of the contractor.

5.0 RIGHT TO REJECT BIDS:

Bank reserves the right to accept or reject any or all the tenders in full or part or to waive any informally, minor deviations and omissions without assigning any reasons, right to reject conditional tenders and also relax any contract condition at its discretion.

5.1 RIGHT TO ACCEPT:

Bank is not in any way bound to accept the lowest or any quotation and reserves to itself, the right to accept any or in whole or any part of the quotation or portion of the quantity offered and reserves the right to negotiate with any /all the contractors.

5.2 RIGHT OF OWNER TO DETERMINE/ TERMINATE CONTRACT:

Bank shall at any time be entitled to determinate the contract if in the opinion of the Owner, reduction of the work becomes necessary owing to paucity of funds or from any other cause whatsoever.

The cost of approved materials at the site at the current market rates or original purchase rates whichever is lower as verified and decided by Bank and the value of such work done to date by the contractor shall be paid in such occurrence.

5.3 FORCE MAJOR:

Any delay or failure of the performance of either party here to shall not constitute default hereunder or give rise to claims for damages if any to the extent such delay or failure of performance is caused by occurrence such as Acts of God or the public enemy, expropriation or confiscation of facilities by Government authorities, Act of war, rebellion or sabotage or fire, flood, explosion or illegal strikes.

6.0 SITE ORDER BOOK:

The contractor shall maintain site order book at site and will have to submit the same at the time of applying for completion certificate.

All instruction changes, deviations, additions or alterations be recorded and duly signed by contractor, In charge officer of the Bank, and Architect in the site order book of contractor which will form a part of document.

6.1 COMPLETION CERTIFICATE:

On completion of entire interior decoration work the contractor shall be eligible to apply for completion certificate. The In charge officer of the Bank, shall issue the completion certificate within 15 days after receiving the letter from the contractor along with the following documents on recommendation of the Architect.

(a) The total working drawings issued to the contractor according to which the work is executed.

(b) Site order book if any duly signed by the Architect and In charge officer of the Bank and the contractor or his representative.

(c) Any other drawings issued by Architect during execution.

(d) All measurement books/ bills duly signed by In charge officer of the Bank.

6.2 DEFECT LIABILITY PERIOD:

On completion of the work at site as certified by the Architect and the Engineer In charge the contractor shall be responsible against the manufactured and installation for the furnishing and decoration as executed by him for a period of 12 months. He shall rectify any defects pointed by In charge Officer of the bank & ensure proper performance of the job done by him till such time.

7.0 EXTRA ITEMS:

If necessary the contractor shall execute any other item of work not covered up by the schedule of quantities of item and the working drawings which shall be paid to the contractor as extra item. Rates of such extra items shall be settled on the basis of (a) on the basis of market rate and decision of Zonal Manager of Bank and will be final and binding on the recommendation of the Architect. Before execution of such extra item prior approval of item and rate must be taken by the contractor from the In charge / Architect.

8.0 COMPENSATION FOR DELAY:

The times allowed for carrying out work as entered in the contract shall be strictly observed by the contractor and shall be reckoned from the date on which the order to commence work is given to the contractor. The work shall throughout the stipulated period of the contract be proceeded with all due diligence (time being deemed to the essence of the contract of the part of the contractor) and the contractor shall pay as compensation an amount of **Rs.10000/-** or such smaller amount as the Zonal Manager may decide, on the amount of the estimated cost of the whole work as shown in the contract, every week, that the work remains un commenced or un furnished after the proper dates , provided always that the entire amount of compensation to be paid under the provisions of this clause shall not exceed 10% of the estimated cost of work.

9.0 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 there of this contract or the construction remaining. Operation or effect thereof or to the rights or liabilities of the parties or arising out of or in relation there to whether during or after determination for closure or breach of 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 Employer herein after mentioned be referred for adjudication to a sole Arbitrator to be appointed as hereinafter provided.

For the purpose of appointing sole Arbitrator referred to above, the Employer will send within thirty days of receipt of the notice, to the contractor a panel of three names 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 any one of the persons name to be appointed as sole Arbitrator and communicate the name to the Employer within thirty days of receipt of the names. The Employer shall there upon without any delay appoint the said person as 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 sole Arbitrator. If the Employer fails to send to the contractor the panel of three names as aforesaid within 30 days of 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 so 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 the contract shall, however, continue during the arbitration proceedings and no payment due or payable to the contractor shall be withheld on account of such proceedings.

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

The Arbitrator shall give a separate award in respect of each dispute in accordance with the terms of the contract and give a reasoned award. The venue of arbitration shall be such place as may be fixed by the Arbitrator in his sole discretion.

The fees if any of the Arbitrator shall, if required to be paid before the award is made and published, be paid half and half by each party. 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 an amount of costs to be paid.

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

Subject to aforesaid the provisions of the Arbitration Act 1940 or any statutory modification or re-enactment thereof and the rules made thereunder, and for the time being in force, shall apply to the Arbitration proceedings under this clause.

The Employer and the Contractor hereby also agree that arbitration under clause shall be a condition precedent to any right to action under the contract with regard to the matters hereby expressly agreed to be so referred to Arbitration.

NOTE: INTERESTED CONTRACTORS HAVE TO VISIT THE EXISTING PREMISES OF RTC & ZIAD AT MINAL RESIDENCY, J.K. ROAD, BHOPAL BEFORE SUBMITTING THE TENDER DOCUMENT.

ALL THE FURNISHING & ELECTRICAL ITEMS ARE TO BE REUSED (Please contact the architect for the same on the above given numbers.)

ALL RATES TO BE INCLUSIVE OF TRANSPORTATION OF MATERIAL.

BANK OF BARODA
TECHNICAL SPECIFICATION OF MATERIAL TO BE USED

S.No.	ITEM	SPECIFICATION	TRADE NAME
01.	Block board IS : 1659	19 mm thick (MR grade)	Archid, Green, Duro,
02.	Plywood IS : 303	6mm, 8mm, 12mm ,18mm & 25mm thick (MR grade)	Archid, Greenply, Duro,
03.	Pre laminated board	12mm	Novapan, Archidlam,
04.	Laminate	1.5mm & 1mm thick	Formica, Sunmica , VIR laminate
05.	Glass	6mm, 8mm, 10mm & 12mm clear float glass	Modi, Saint Gobin
06.	Aluminum	16 gauge	Man Aluminum or Jindal.
07.	Adhesive	SH, SR & SPEEDX	Fevicol, Jivanjor,
08.	Hardware fittings	Locks, handles, screws,hinges, drawer channels, magnetic ball catcher , Floor spring etc.	Superior quality like Godrej, Nettelfold, Ebco,Ozone, Dorma
09.	Entrance door	Patch fitting	Ebco, Ozone.
10.	Paint	Oil bound distemper, Premium plastic emulsion paint, synthetic enamel paint	Asian, Berger, Nerolac.
11.	Foam	6mm, 25mm, 50mm, 75mm, 100mm thick free from defects	U-foam, MM foam or equivalent minimum 40 density.
12.	Rubber foam	50mm, 75mm & 100mm thick free from defects	Dunlop, prestige or equivalent.
13.	Tiles	Vitrified Glazed	Nitco, RAK , Granolite, Asian Nitco, Granolite, Simpolo
14.	Vertical blinds	10mm wide	Vista, Trac, Mac.

BANK OF BARODA
TECHNICAL SPECIFICATION OF MATERIAL TO BE USED

S.No.	ITEM	SPECIFICATION
01.	MCB, MCCB	MDS (legrand), L&T, Havells, HPL
02.	DB's (double door)	Legrand, Havells, Siemens
03.	Copper conductor ,PVC insulated wires (Fire resistant)	Polycab, Finolex, Anchor, RR cables. HPL, HAVELLS
04.	M.S./PVC conduit	BEC, Steel Kraft, AKG, Crown.
05.	Telephone wires	Polycab, Delton.
06.	Modular switch & socket	MDS Legrand, Anchor Roma,
07.	Telephone socket	MDS legrand, Anchor Roma,
08.	Ceiling fans	Crompton, Khaitan.
09.	Wall fans	Crompton, Khaitan.
10.	Exhaust fans	Crompton, Khaitan.
11.	Fittings (LED, Tubelight, Downlighters, etc)	Wipro, Philiphs, Bajaj, Crompton, Havells, Orient
13.	Air conditioner (3 star)	2.0,1.5 Ton A.C. with remote.(Voltas, LG, Samsung, Carrier, DAIKIN)

LETTER SUBMITTING TENDER

To
The General Manager
Bank of Baroda
Zonal office
Bhopal.

**Sub: Tender for Furnishing & Electrical work in RTC & ZIAD Premises For
Bank of Baroda at Airport Road, BHOPAL.**

Dear Sir,

Having examined the drawing, specifications, schedule of quantities relating to works specified in the memorandum here in after set and having visited and examined the site of the works specified in the said memorandum and having acquired the requisite information relating there to as affecting the tender. I/We hereby offer to execute the works specified in the said memorandum within the time specified in the said memorandum at the rates mentioned in the attached schedule of quantities and in accordance with the specifications in all respect, designs, drawing and instructions in writing referred to in condition of tender the Articles of Agreement, special conditions, schedule of quantities and condition of contract and with such materials as are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

MEMORANDUM

(a) **Description of work: Furnishing & Electrical work in RTC & ZIAD
Premises for Bank of Baroda at Airport
Road, BHOPAL.**

(b) **Earnest Money : _____**

(c) **Percentage if any to be deducted : at 10% from interim bills**

(d) **Completion time : 10(Ten days)**

1. Should this tender be accepted, I/We hereby agree to abide by and fulfill the terms and provisions of the said conditions of contract annexed here to so far as they are applicable or in case of default will pay to Bank the amount mentioned in the said conditions.
2. I / We deposited a sum of _____ as earnest money in the form of Demand draft bearing No. _____ dated _____ drawn in favour of DGM Bank of Baroda, Bhopal, which is not to bear any interest.
Should I / We fail to execute the contract when called upon to do so I / We do hereby agree that this sum shall be forfeited by the Bank.
3. Our Bankers are:
4. The name of partners of our firm are:

(Sig. of the contractor & seal)

BANK OF BARODA
ESTIMATES FOR FURNISHING & ELECTRICAL WORKIN RTC
& ZIAD OFFICE FOR BANK OF BARODA
AT AIRPORT ROAD, BHOPAL (M.P.)

S. NO.	WORKS	AMOUNT
1	TOTAL FOR FURNISHING WORKS IN RTC & ZIAD OFFICE	
2	TOTAL FOR ELECTRICAL WORKS IN RTC & ZIAD OFFICE	
	Total Rs.	

BANK OF BARODA
**ESTIMATES FOR PROPOSED FURNISHING & CIVIL WORKS IN RTC &
 ZIAD OFFICE AT AIRPORT ROAD, BHOPAL**

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
01.	<u>COUNTER TABLE (COMPUTER LAB) (2'0" deep) without storage</u> P&f at site front counter for staff to be made strictly as per the given drawing to be made up with 19.0mm. ply, finished with 1.0mm. laminated finish of approved shade to be fixed with 3" strips in front. Edges to be finished with 1 1/2"x1" beech wood beading with approved laminated finish. Each counter shall have sliding keyboard. Provision shall be made for CPU tray & footrest in each counter. The inside portions to be finished with primer ,putty synthetic enamel paint, the cost i/c labor, materials, etc. complete.	25	R.ft.		
02.	<u>CANTEEN COUNTER (1'6" deep) without storage</u> P&f at site front counter for staff to be made strictly as per the given drawing to be made up with 19.0mm. ply, finished with 1.0mm. laminated finish of approved shade to be fixed with 3" strips in front. Edges to be finished with 1 1/2"x1" beech wood beading with approved laminated finish. The inside portions to be finished with primer ,putty synthetic enamel paint, the cost i/c labor, materials, etc. complete.	20	R.ft.		
a.					
b.	<u>CANTEEN COUNTER (2'6" wide) without storage</u> P&f at site front counter for staff to be made strictly as per the given drawing to be made up with 19.0mm. ply, finished with 1.0mm. laminated finish of approved shade to be fixed with 3" strips in front. Edges to be finished with 1 1/2"x1" beech wood beading with approved laminated finish. The inside portions to be finished with primer ,putty synthetic enamel paint, the cost i/c labor, materials, etc. complete.	19	R.ft.		
03.	<u>FALSE CEILING Gypsum & Grid</u> P&F of false ceiling at all heights of 600mmx 600mmx6mm heavy duty Calcium Silicate Tiles (Marketed by Ramco) laid on arm strong prelude XL exposed grid systems with 9mm wide T Section flanges colour white. The frame work comprise of main runner spaced at 1200mm centers securely fixed to the structural soffit approved hangers at 1200mm maximum centers. Hangers (GI wire) to be fixed by approved roof plug and screws etc. The last hanger at the end of each main runner should not be greater than 450mm. from the adjacent wall. flush fitting 1200mm. along cross tees (with double stitching) to be interlocked between main runners at 600mm. c/c to form 1200x600mm modules. Cut cross tees longer than 600mm to be supported independently. 600mmx600mm modules to be formed by fittings 600mm long flush fitting cross tees	4200	Sq.ft.		

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	<p>centrally between the 1200mm cross tees. Perimeter trim to be arm strong wall angle secured to walls at 450mm. maximum centers.</p> <p>P&F gypsum false ceiling 2' to 3' width at edges as per the given design in 12.5mm. thick Gypboard (POP) plain false ceiling with GI suspended from RCC slab/Beam i/c G.I. Parameter Channels of size 0.55mm. thick having one flange of 20mm. and another flange of 30mm and web of 27mm along with parameter of ceiling, screw fixed, to the brick wall / partition with the help of nylon sleeves and screws at 600mm. C/C. The suspended G.I. Intermediate channels of size 45x0.9mm. thick with two flanges of 15mm. each from the soffit at 1200mm. C/C with GI cleats and steel expansion fasteners. Ceiling sections of 0.55mm. thick having web of 51.5mm. and two flanges of 26mm. each with lips of 10.5mm. are then fixed to intermediate channel with help of connecting clips and in direction perpendicular to intermediate channel at 457mm. C/C. 12.5mm Tapered edge Gyp board channel at 457mm. C/C in both the directions screwed fixed to the ceiling section with 25mm dry wall screws at 230mm. C/C screw, fixing is done mechanically with drilling machine and suitable attachment. Finally the boards are to be jointed and finished with jointing compound, paper tape and two coats of top Coat, suitable for Gyp board (As recommended practice of India Gyp.) For light fittings in cutouts etc. are to be made with a frame of parameter channels of size 20x27x30x0.5mm thick supported suitably. Angle beads, edge bends, control joints as required to be provided. The rates to include all the above items, ceiling to be painted with 2 coats of plastic emulsion paint i/c base preparation.</p> <p>(Measurement : For Vertical drop exposed height will only be considered.)</p>				
04.	<p><u>FULL HEIGHT PARTITION:</u></p> <p>Providing and fixing at site fully glazed partition strictly as per the given design & drawing 2^{1/4"}x1^{3/4"} sal/ hard wood section, finished with 8mm. Ply on all the sides, finished with 1.0mm. thick laminate finish on all the sides as per the given drawing. The glass portion is 8mm. thick float glass The glass is to be fixed to main frame with 1^{1/4"}x1" wood beading.. All exposed wooden members or beading to have 3 coats of melamine polish. The cost shall include all labor, material, accessories etc complete.</p>	2000	Sq.ft.		
05.	<p><u>SOUND PROOF FULL HEIGHT PARTITION INCLUDING DOORS:</u></p> <p>Providing and fixing at site fully glazed partition strictly as per the given design & drawing 2^{1/4"}x1^{3/4"} sal/ hard wood section, finished with 8mm. Ply on all the sides, finished with 1.0mm. thick laminate finish on one side as per the given drawing. Partition to consist glass wool, acoustical</p>	80	Sq.ft.		

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	tile etc. The cost shall include all labor, material, accessories etc complete.				
06.	<u>LOW HEIGHT PARTITION</u> P&F at site low height partition (4'0" height) to be made with 19mm. ply box frame or 2 ^{1/4} "x1 ^{3/4} " sal/ hardwood sections, to be finished with 8mm. ply & 1.0mm. Approved shade of laminated finish. The partition shall have 10mm. thick float glass with top corners chamfered and fixed with 1 ^{1/2} " x 1" wood beading finished with 3 coats of melamine polish. The partition shall have 1mm. thick laminate. The cost of partition i/c of all materials, labor etc. complete.	300	Sq.ft.		
07.	<u>ROLLING SHUTTER BOXING:</u> P&F 12mm thick marine ply box to cover the rolling shutter with wooden frame of required size, item includes making open able flap shutter with locking arrangement, finished with ACP of approved shade. All complete with necessary hardware, material, scaffolding etc.	100	Sq.ft.		
08.	<u>BRICKWORK</u> Brickwork 10cm thick with well burnt chimney bricks in bull patent trench manufactured by ghol process crushing strength not less than 40kg / sq.cm. and water absorption not more than 15% in cement mortar 1:4. Rates including scaffolding & curing complete.	360	Sq.ft.		
09.	<u>PLASTERING</u> 15mm thick cement plaster in 1:4. Rates including scaffolding & curing complete.	700	Sq.ft.		
10.	P & F Granite Platform 16'6"x 2'0" .	1	Nos.		
11.	<u>Removing , shifting, repairing & refixing</u> PARTITIONS,Computer Tables, Officer tables, DGM Table, Doors, Toughened glass door, storages etc. to be reused, shifted from old premises at Minal, JK Road, Bhopal to new premises at airport road, Bhopal and repaired if required. Rates inclusive of transport, labour, material, hardware etc. NOTE: ALL ITEMS TO BE REUSED. RATES INCLUSIVE OF TRANSPORTATION & LABOUR.	1	job		
TOTAL RS.					

BANK OF BARODA
ESTIMATES FOR ELECTRICAL WORKS IN RTC & ZIAD OFFICE AT
AIRPORT ROAD, BHOPAL

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
<u>ELECTRICAL</u>					
	<u>SUBHEAD I (POINT WIRING)</u>				
	The rates for the point wiring shall include providing and fixing of following:				
a.	Wiring of the point of any length from distribution board to point outlet excluding circuit wiring.				
b.	Earthing of all switch box and all outlet boxes fittings, fans, 3rd pin of plug with 1.5mm copper wire.				
c.	Modular Switch/Sockets of Standard make with necessary modular series cover plate & MS boxes.				
d.	Embedding all conduits in walls laying in slabs, above false ceiling or in floors including all accessories as required, cutting and refilling the chases with cement mortar.				
e.	Providing, fixing Modular switches, sockets, M.S. boxes (1.6mm. thick) draw boxes, G.I. Pull wires (where required), brass screws, ceiling rose/connector etc.				
f.	Adopting separate and independent system of wiring for lighting, power (normal and essential supply). Wiring for following points using PVC insulated copper conductor wires of 650V/1100V grade in 16 SWG M.S. conduit stove enameled concealed / exposed including switches & sockets as above.				
<u>INTERNAL WIRING</u>					
01.	POINT WIRING:				
	Providing wiring (supply, fixing, testing and comm. etc.) for light point/exhaust fan point/call bell point etc. with 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. in concealed/surface manner as per site requirement with suitable Modular Switches with plate and metal / PVC box, ceiling rose, bulb holder etc. including 1.5 sqmm PVC insulated copper earth wire etc. complete as required. Wire colors : Red, Black, Green.				
a.	P & fixing one light point controlled by one switch. OLD SWITCH & PLUGS TO BE USED	110	Nos.		
b.	Providing and fixing CEILING FAN POINT controlled by one switch with stepped electronic	4	Nos.		

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	regulator (two Module) as required. OLD SWITCH & PLUGS TO BE USED				
c.	AC POINTS : Supply, Installation, Testing and commissioning of the surface/ recess mounting distribution board with 20A plug and socket, with 20A SP MCB Incl. wiring with 2 x 4.0 sqmm. + 1 x 2.5 sqmm. PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (wiring from D.B. / Source to Board / Destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed. OLD SWITCH & PLUGS TO BE USED	17	Nos.		
g.	Plug point (for wall fans) Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.	40	Nos.		
h.	P&F bell point i/c of buzzer	2	Nos.		
02.	CIRCUIT WIRING FOR LIGHT BOARDS : Supplying, providing wiring (supply, fixing, testing and comm. etc.) for Lighting circuit with 2 x 2.5 + 1 x 1.5 sq mm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (Wiring from D.B. / Source to Board / destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed (average length of circuit taken as. (12-15) M.	20	Nos.		
03.	6 AMP. POINTS ON SAME BOARD: Supply, fixing and commissioning of 1 No 6A multi Socket with 1 No. 6A switch (Modular type) with cover plate, sheet steel box / PVC modular box etc on surface / concealed manner l/c electrical connections and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed. OLD SWITCH & PLUGS TO BE USED	25	Nos.		
04.	16 AMP. POWER POINTS: Supply, fixing, testing and commissioning of 1 No. 16A switch & 1 No. six pin 6/16 Amp. Multi Socket	30	Nos.		

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	(Modular Type) with cover plate, sheet steel box etc. on surface / concealed manner i/c electrical wiring with 2 x 2.5 sqmm + 1 x 1.5 sqmm PVC insulated copper conductor single core multi stranded wire in 16 swg stove enameled rigid steel conduit with conduit accessories like bend, junction box etc. on surface / recessed manner etc. (Wiring from D.B. / Source to Board / destination) and making good all the damages, painting, cleaning the site etc. complete as required as per site requirement and as directed.				
05.	SUB HEAD : 03 : TELEPHONE WIRING 'CABLING SYSTEM & COMPUTERIZATION <u>Rates to include the following:</u> a. Supplying laying / fixing of the following rigid PVC non metallic conduit 1.0mm. wall thickness ISI Marked of approved make on surface (wall / column / beam / ceiling etc.) / in concealed manner i/c with all m.s. accessories like bends, tees, junction boxes etc. i/c necessary breaking and cementing the floor if required, complete. b. Supplying, drawing, testing and commissioning of 0.61 mm dia, telephone cable tinned copper conductor, PVC insulated & sheathed, fire retarding, colour coded twisted pairs & rip cord in existing pipe / trench / tray / beam / column / floor etc. with all necessary materials i/c connect connections, identification by numbering etc. complete as per I.T.D. specification. c. S&F of modular type Telephone Outlets (RJ-11) with M.S. / PVC modular boxes complete. i) Single Outlet with shutter.	8	Nos.		
06.	20 pair tag block. Supplying and fixing of krone type telephone tag block, suitable for the multi core telephone cable and shall accommodate tin-plated phosphor bronze connectors, the connectors shall splice un skinned cables up to 0.61 mm dia and shall be terminate both inc incoming and out going lines, the tag blocks shall be mounted inside, fabricated 14 swg G.I. box of suitable size with removable hinged covers and locking arrangement and shall be fully accessible. The item is inclusive of providing and fixing of G.I. box boxes in surface / recessed system etc. as required complete.	1	Nos.		
07.	<u>SPECIAL POINTS: (UPS)</u> Supply, fixing, testing & commissioning of following Modular type switch socket with cover plate, sheet steel box etc on surface/ concealed i/c electrical wiring with 2 x 2.5 sq.mm + 1 x 1.5 sq.mm PVC insulated copper conductor in HMS rigid PVC	60	Nos.		

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	conduit i/c accessories (wiring from DB to board) complete. 3 nos. 6A switch & 6A 5 pin socket. OLD SWITCH & PLUGS TO BE USED				
08.	P&F 4 core x 10sq.mm copper armored cable from Main DB to UPS room.	50	R.M.		
09.	EARTHING FOR UPS 600 x 600 x 3mm copper plate earthing i/c of watering, GI pipe with funnel, salt & coal filling, 10" x 10" masonry chamber with sand plaster, CI lid, 10SWG copper wire in PVC pipe from bottom of pit to existing ground level.	1	Nos.		
10.	P&F earthing copper strip 25 X 3mm including connection to earth electrode riveting/ sweating/ soldering, burying 30cms below in all type of soils etc complete as required.	4	R.M.		
11.	Supply & laying 6 sq.mm. PVC insulated copper wire in 15mm dia. Conduit pipe including accessories complete.	60	R.M.		
12.	EARTHING FOR MAIN BOARD 600 x 600 x 3mm G.I. plate earthing i/c of watering, GI pipe with funnel, salt & coal filling, 10" x 10" masonry chamber with sand plaster, CI lid, 10SWG copper wire in PVC pipe from bottom of pit to existing ground level.	1	Nos.		
13.	P&F earthing G.I. strip 25 X 3mm including connection to earth electrode riveting/ sweating/ soldering, burying 30cms below in all type of soils etc complete as required.	4	R.M.		
14.	Supply & laying 8 swg. G.I. earth wire in 15mm dia. Conduit pipe including accessories complete as required.	60	R.M		
	<u>ELECTRICAL FITTINGS</u>				
15.	Supply, fixing, testing and commissioning of Recess mounted decorative luminaries with square parabolic metalised louvre in metallic frame, held securely to the main body by four toggles, epoxy white powder coated CRCA sheet steel housing, electrochemical brightened, polished and anodized aluminum reflector, Pre wired with vacuum pressure impregnated copper ballast, push fit pin holders and mains connector, PL lamp, starter, P.F. improvement capacitor etc. with class I electrical safety, complete as required Approx. Dimensions : 600x600x80 mm				
	a. 36 W LED pluto flat (Havells) 2x2 panel LHEEBP7CUL1W034	56	Nos.		
	b. P & F down lighter recessed LED fitting LD71-121-XXX-50-XX(iris) 14W (Wipro)	11	Each		
18.	LAN CABLING: P&F lan cabling with Cat-6 (D-Link) in PVC	60	Each		

S.No	ITEM AND SPECIFICATION	QTY	UNIT	RATE	AMOUNT
	conduit/ casing capping/ flexible pipe as required. inclusive of RJ 45 info outlet (D-Link) complete with jack, box, cover plate, crimping etc., complete.				
19.	PATCH CORDS: Providing 1 M long patch chord (D-Link)	60	Each		
20.	PATCH CORDS: Providing 2 M long patch chord (D-Link)	60	Each		
21.	CABLE: (Meter to Main DB) P&F 3.5 core 35 Sqmm armored cable	30	R.M,		
22.	Additional Copper piping i/c insulation & electrical cable from indoor to outdoor unit for additional length after 3.0 RMT of standard length.(For additional length above 3.00 RTM) Concealing of copper piping, in wall under floor/walls as per site condition and repairing the walls and floor.	100	R.M,		
23.	Drain piping for A.C. i/c Concealing of drain pipe in wall under floor as per site condition and repairing the walls and floor.	100	R.M,		
24.	REUSING LIGHTS, DB's, SWITCHES, SWITCHBOXES A/C OUTDOORS AND INDOORS INCLUDING REFILLING OF GAS AND INSTALLATION. ALL ITEMS TO BE REUSED EXCEPT WIRES. RATES INCLUSIVE OF TRANSPORTATION & LABOUR.	1	job		
TOTAL RS.					

