

BANK OF BARODA

ZONAL OFFICE, NORTH EASTERN STATES ZONE

160 BINA TOWER,
RAJGARH ROAD,
GUWAHATI – 781005,
ASSAM, INDIA



TENDER DOCUMENT FOR

Interior Furnishing of Zonal Office, North Eastern
States on 2nd Floor of Sethi Trust Building at
Bhangagarh, Guwahati, Assam

LAST DATE OF
SUBMISSION : **27.05.2024 upto 03.00**
PM

Contact Details : Premises Department
ZONAL OFFICE , NORTH
EASTERN STATES ZONE
**+91 361- 2300153/4, +91-
8876660815**

Bank of Baroda

ZONAL OFFICE , NORTH EASTERN STATES ZONE

Bank of Baroda invites sealed **Tenders** in Two-bid system from experienced Contractors for **Interior Furnishing of Zonal Office, North Eastern States on 2nd Floor of Sethi Trust Building at Bhangagarh, Guwahati-781005, Assam (Composite Work)** ,which includes Carpentry, Furnishing, Electrical, Air-Conditioning, LAN Cabling and associated works in accordance with Bank's General Conditions of Contract, Special Terms & Conditions of Contract & Particular Terms & Conditions of Contract, Standard specifications, Extent of Work, Special Instructions to Bidders as appended on the subsequent page & Annexures.

- a) Name of work : **Interior Furnishing of Zonal Office, North Eastern States on 2nd Floor of Sethi Trust Building at Bhangagarh, Guwahati-781005, Assam**
- b) Time of Completion : 45 Days
- c) Cost of Tender Document : Rs 5900.00 (Rupees Five Thousand Only including GST), by crossed Demand Draft/ Pay Order payable at Guwahati and drawn in favor of Bank of Baroda, to be submitted with the Bid.
- d) Earnest Money : **Rs 1,05,000** (Rupees One Lac Five Thousand Only) by crossed Demand Draft/ Pay Order payable at Guwahati and drawn in favor of Bank of Baroda, to be submitted with the Bid.
(Tender without earnest money in proper form will be rejected)
- e) Retention Money : 5% of total certified bill amount
- f) Release of Retention : Retention money will be released after Defect Liability Period of 1 (One) year from the date of payment of the final bill after adjusting all dues, if any, from the contractor.
- g) Availability of Tender Document : Tender form has to be downloaded from the Bank's website **www.bankofbaroda.co.in** (tender section). Application form available on website alone needs to be used. Tender forms will be available on Bank's website from **05/05/2024 till 27/05/2024** upto 3:00 p.m.
- h) Date of Commencement : Either one week from the date of acceptance of work Order or the day on which contractor is instructed to take possession of the site, whichever is later.
- i) Time and date of Submission of tender : Upto **03.00 P.M. on 27/05/2024**
- j) Time and date of Opening of Technical Bid : **At 4.00P.M.on 27/05/2024**
All the bidders are advised in their own interest to be present on the aforesaid date & time. No separate intimation will be given in this regard.
- k) Venue of Opening Tenders : Bank of Baroda
Zonal Office, North Eastern States Zone

160 Bina Tower, Rajgarh Road, Guwahati,
Assam – 781007, India

- l) Tender to be addressed and submitted to: Zonal Manager
Bank of Baroda ,
Zonal Office ,North Eastern States Zone 160
Bina Tower, Rajgarh Road, Guwahati,
Assam – 781007, India
- m) Clarification, if any to be obtained from: M/s Archiventions, House No-95, Ground Floor
Lachitnagar Main Road, Lachitnagar,Guwahati-
781007, Assam.Mob :9854062928.
- n) Validity of Tenders : 6 (Six) calendar months from the last date of
submission of Tender.
- o) Defects liability period : 12(twelve) months from the date of payment of
the final bill.
- p) Taxes : **GST at applicable rate shall be paid as extra.**
- q) Delay in submission : Delay in submission of Tender arising due to postal
or any other irregularities at any stage will not be
considered. The Bank will not be responsible for any
damage in transit in case of postal delivery /delivery
through courier service.
- r) All tenders in whom any of the prescribed conditions are not fulfilled or are incomplete in any
respect, are liable to be rejected.
- s) The acceptance of tender will rest with Bank of Baroda which does not bind itself to accept the
lowest or any tender and reserves to itself the right to reject any overall the tenders received without
assigning any reasons thereof.
- t) In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the
Next working day.
- u) The date & time for opening of Financial Bid will be advised separately to those Bidders who are
found eligible after Technical evaluation as per Tender norms.
- v) **Conditional Tenders will be summarily rejected.**

Retention money: The Retention percentage (i. e. deduction for interim bill) shall be 5% of the gross value of each interim bills. The Retention Money will be released after 1(one) year (Defect Liability Period) from the date of payment of the final bill provided the contractor has satisfactorily carried out all the works and attended to all defects in accordance with the conditions of the contract, including site clearance.

Defects liability period shall be as per memorandum. It must be realized that this period is for exposure of “Latent Defects”. The DLP commences from the date of payment of the final bill for a period of 12months.

After opening the envelope containing the offer on the standardized conditions and opening of the priced tender, no correspondence will be entertained.

Prior to opening of Financial Bid, Bank of Baroda / Deputed Architect, at their discretion may inspect the on-going/completed works of the Contractor s as well as obtain confidential report from the concerned employers. The bids of tenders who do not fulfill the above criteria will summarily be rejected. The Bank also reserves to itself the right of accepting the whole or any Part of the tender and the tenderers shall be bound to perform the same at the rates quoted.

Pre-Qualification Criteria:

The firms having experience of successfully completed Civil & Furnishing Works during the last 7 years ending on 31st March 2024.

- i) **3(three)**“similar completed works” costing not less than 40.75 Lakh
OR
- ii) **2(two)**“similar completed works” costing not less than 50.94 Lakh
OR
- iii) **1 (one)** “similar completed work” costing not less than 81.50 Lakh

Minimum average turnover of the Bidder shall be **30.56 Lakhs** during the last 3 (three) Financial years, testimonials to be mandatorily submitted along with Technical Bid, Part – I. Audited Balance Sheet to be submitted

The Tenderer should have at least min. **05years** experience of working with nature of works as briefly mentioned below:

- a. **Civil , Plumbing & Interior Works :** New Brick wall, Water proofing Works, New partition walls made of wooden, aluminum, gypsum board, bison board ,False ceiling, acoustic paneling and flooring work , Center table, loose furniture ,Door closer, louver window work, floor spring works , All types of anti-termite and pest control treatment works , All types of plumbing, sanitary works in the residential/office complex including supply of plumbing and sanitary materials as per the requirement for office premises, board rooms, auditoriums, etc.
- b. **Internal Electrical & LAN Cabling works :** Installation, testing, commissioning of all electrical low tension works, Electrical control panel, wiring, conducting, trunking. , Installation of fitting and fixture, chandelier, switches, MCB's , Maintenance and repair of earthing system and lightning arrestors. LAN & Telephone cabling Works, Works for office premises, boardrooms, auditoriums, hotels, resorts etc.
- c. **Air-Conditioning Works :-** Supply , Installation Testing & Commissioning of Air-conditioning system- VRF Type, Ductable type, Centralised A.C, Chillar, and all other type of , Works for office premises, boardrooms, auditoriums, hotels, resorts etc.

“**Similar completed works**” means Composite nature of work comprising of Civil & Plumbing, Carpentry work, Sanitary Fittings & Fixtures, False Ceiling Works, Painting work, Tiling Works, Furniture work, Electrical work, Air Conditioning Works, LAN Cabling Works and other associated works.

Sealed tender shall be submitted in three separate envelopes consisting of the following:

1. **Cover 1 :** Part – I, Technical Bid including pre-qualification documents (Annexure – A)
2. **Cover 2 :** Earnest Money Deposit (EMD)
3. **Cover 3 :** Part – II, Price Bid

All the above 3 (three) sealed envelopes are to be submitted in a single Covering envelope, duly super-scribed as “**Interior Furnishing of Zonal Office, North Eastern States Zone on 2nd Floor of Sethi Trust Building at Bhangagarh, Guwahati-781005, Assam**”) and submitted to the address mentioned in clause – k herein above.

NOTE:-

- i) The agency will be fully responsible for correctness of all documents submitted along with the tender. False documents may lead to rejection of their bid.

- ii) Bank does not bind itself to accept the lowest or any tender and reserves the right to accept or reject any or all tenders either in whole or in part, without assigning any reasons whatsoever.
- iii) No conditions will be entertained. Conditional offers shall be summarily rejected. Disputes, if any, will be subject to Guwahati jurisdiction only.
- iv) Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
- v) ***MSEs are exempted from paying Tender/RFP fee/cost, EMDs as per MSME Act 2012. For getting the benefits in case of MSE firms, contractors /agencies should submit exemption certificate issued from the relevant authorities.***

GENERAL CONDITIONS OF CONTRACT

- 1 Tenders shall remain open to acceptance by the Bank for a period of 180 days from the date of opening of Part-II of the tender which period may be extended by mutual agreement and the tenderer shall not cancel or withdraw the tender during this period.
- 2 The tenderer must use only the forms displayed on the bank's website to fill in the rates. (Any addition/ alteration in the text of the tender form made by the tenderer shall not be valid and would be liable of rejection).
- 3 The tender form must be filled in Hindi / English and all entries must be made by hand and written in ink. The rate and amount should be in figures and words. If any of the documents is missing or unsigned, the tender may be considered invalid by the Bank Representative in its discretion.
- 4 Rates should be quoted both in figures and in words in columns specified. All erasures and alterations made while filling the tender must be attested by initials of the tenderer. Overwriting of figures is not permitted and failure to comply with either of these conditions will render the tender void at the Bank's option. No advice of any change in rate or conditions after the opening of the tender will be entertained.
- 5 Each of the Tender documents should be signed by the person or persons submitting the tender in token of his/their having acquainted himself/themselves with the General Conditions of Contract, General Specifications, Special Conditions etc., as laid down. Any tender with any of the documents not so signed will be rejected.
- 6 The tender submitted on behalf of a firm shall be signed by all the partners of the firm or by a partner who has the necessary authority on behalf of the firm to enter into the proposed contract. Otherwise the tender may be rejected by the Bank.
- 7 The Bank does not bind itself to accept the lowest or any tender and reserves to itself the right to accept or reject any or all the tenders, either in whole or in part, without assigning any reasons for doing so.
- 8 Intending tenderers shall pay an interest free Earnest Money Deposit for a sum of 1,05,000.00/- (Rupees One Lac and Five thousand Only) by a demand draft / Banker's Cheque in favour of Bank of Baroda, payable at Guwahati. Tender not accompanied by earnest money deposit will not be considered. The earnest money deposit of unsuccessful bidders shall be refunded after the work order is issued to selected bidder. Under no circumstances earnest money deposit will be accepted in the form of fixed deposit receipt or Bank or Insurance guarantee or Cheque.

- 9 The Earnest Money Deposit of 1,05,000.00/- paid by the successful tenderer shall be held by the Bank as security for the execution and due fulfillment of the contract. No interest shall be paid on the said deposit.
- 10 On receipt of intimation from the Employer of the acceptance of his/their tender, the successful tenderer shall be bound to implement the contract agreement within Fourteen days thereof, the successful tenderer shall sign the agreement in accordance with the draft agreement and the schedule of conditions but the written acceptance by the Bank of a tender will constitute a binding contract between Bank of Baroda and the person so tendering, whether such formal agreement is subsequently executed or not. The cost of necessary stamp paper for execution of the agreement shall be borne by successful tenderer.
- 11(a) In addition to the Earnest Money Deposit, successful tenderer shall further deposit 1% of accepted tender value. Thus Bank will keep 2% of accepted tender value as initial security deposit. Total 5% of the accepted tender value may be kept as retention money which includes security deposit and retention money.
- 11(b) All compensation or other sums of money payable by the contractor to the Employer under the terms of this contract may be deducted from his earnest money and security deposit if the amount so permits and the contractor shall, unless such deposit has become otherwise payable within ten days after such deductions make good in cash the amount so deducted.
- 12 The Contractor shall not without the written consent of the Bank assign this Contract, and shall not without the written consent of the Bank (which consent shall not be unreasonably withheld to the prejudice of the Contractor) sublet any portion of the work. Bank may serve a notice in writing on the Contractor rescinding the contract, whereupon the security deposit shall stand forfeited to the Employer, without prejudice to his/other remedies against the Contractor.
- 13 The Contractor shall carry out all the work strictly in accordance with drawings, details and instructions of Bank's Architect & Engineer. If in the opinion of the Bank Representative, changes have to be made in the design and with the prior approval in writing of the Bank's Representative, they desire the Contractor to carry out the same, the Contractor shall carry out the same without any extra charge.
- 14 A schedule of Probable Quantities in respect of each work and Specifications accompany these Special Conditions. The Schedule of Probable Quantities is liable to alterations by omissions, deductions or additions at the discretion of the Bank. Each tender should contain not only the rates but also the value of each item of work entered in a separate column and all the amounts quoted against various items should be totaled in order to show the aggregate value of the entire tender.
- 15 The tenderer must obtain for himself on his own responsibility and at his own expense all the information which may be necessary for the purpose of making a tender and for entering into a contract and must examine the Drawings, inspect the site of the work, acquaint himself with all local conditions, means of access of the work, nature of the work and all matters pertaining thereof.

- 16 The rates quoted in the tender shall include all charges for clearing of site before commencement as well as after completion, water, electric consumption, meters, double scaffolding, centering, boxing, staging, planking, timbering and pumping out water including bailing, fencing, hoarding, plant and equipment, storage sheds, watching and lighting, by night as well as day including Sundays and Holidays, temporary plumbing and electric supply, protection of the public and safety of adjacent roads, streets. The rates quoted shall be deemed to be for the finished work to be measured at site. The rates shall also be firm and shall not be subject to exchange variations, Labour conditions, fluctuations in railway freights or any conditions whatsoever. **The quoted rates shall not include applicable GST, which shall be paid by Bank in addition to the quoted rates.**
- 17 The Contractor should note that unless otherwise stated the tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the Schedule of Quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted thus altering the aggregate value of the Contract.
- 18 Time allowed for carrying out the work as mentioned in the Memorandum shall be strictly observed by the tenderer and it shall be reckoned from the tenth day after written order to commence the work is issued.
The work shall throughout the stipulated period of the Contract be proceeded with all due diligence and if the Contractor fails to complete all the work within the specified period he shall be liable to pay compensation of the Conditions of Contract/ work contract. The tenderer shall before commencing work prepare a detailed work program which shall be approved by the Employer. Contractors have to pay Liquidated damages against delay of the work @ 1 % per week of delay of the estimated amount shown in the tender or contract amount whichever is higher per week. Maximum liquidated damages will be 10 % of the accepted contract sum.
- 19 Tenders will be considered only from recognized bonafide contractors in trade concerned. Each tenderer shall submit with his tender a list of large works of a like nature he has executed giving details as to their magnitude and cost of the proportion of work done by the Contractor in it and the time within which the work were completed.
- 20 The Contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause of delays may be, including delays arising out of modification to the work entrusted to him.
- 21 The successful tenderer is bound to carry out any or all items of work necessary for the completion of the job even though such items are not included in the quantities and rates. Schedule of instructions in respect of such additional items and their quantities will be issued in writing by Bank.
- 22 The successful tenderer must co-operate with the other contractors appointed by the Employer so that the work shall proceed smoothly with the least possible delay and to the satisfaction of the Bank.
- 23 The contractor must bear in mind that all the work shall be carried out strictly in accordance with the specifications made by the Bank and also in compliance of the requirements of the local public authorities and no deviation on any account will be permitted.
- 24 The tenderer shall have to use materials of the makes/manufacturers specified in the list of material approved brand and/or manufacture contained in this tender form.

- 25 The Contractor shall strictly adhere to the rules laid down by the Housing Society for carrying out repair & renovation works in the premises. Any penalty/ fine imposed by the Society due to non-adherence of laid down rules has to be borne by the Contractor.
- 26 The contractor shall strictly comply with the provision of safety code annexed hereto.
- 27 I.S. Code numbers wherever mentioned in the tender shall be the latest version of I.S. codes as on the date of opening of Tenders.
- 28 The security deposit of the successful tenderer will be forfeited if he fails to comply with any of the conditions of the Contract.
- 29 All disputes and differences of any kind whatever arising out of or in connection with the contract or the carrying out of the works (whether during the progress of the works or within 12 months from the date of virtual completion of the work and whether before or within 12 months of determination abandonment or breach of the contract) shall be referred to giving inter-alia full details of the matter under dispute like quantities, rates, amount claimed and the reason thereto and settled by the Bank who shall state his The Arbitrator shall have power to open up, review and revise any Certificate, opinion, decision requisition or notice, save in regard to the excepted matters, referred to in the preceding Clause and to determine all matters in dispute which shall be submitted to arbitration and of which notice shall have been given as aforesaid. The Arbitrator shall make his award within one year (or such further extended time as may be decided by him or them as the case may be with the consent of the parties) from the date of entering on the reference. In case during the arbitration proceedings the parties mutually settle, compromise or compound their dispute or difference, the reference to arbitration, the reference to arbitration and the appointment of the Arbitrator shall be deemed to have been revoked and the arbitration proceedings shall stand withdrawn or terminated, with effect from the date on which the parties file a joint memorandum of settlement thereof; with the Arbitrator or the Arbitrators as the case may be. The submission shall be deemed to be a submission to arbitration within the meaning of the Arbitration & Conciliation Act, 1996 or any statutory modification thereof. It is agreed that the Contractor shall not delay the carrying out of the works by reason of any such matter, question or dispute being referred to arbitration, but shall proceed with the works with all due diligence and shall, until the decision of the Arbitrator or Arbitrators as the case may be, is given.
- 30 **CONTRACTOR TO INFORM HIMSELF FULLY:**
- The contractor shall be deemed to have carefully examined the work and sited conditions including Labour, the general and special conditions, the specifications, schedules and drawings and shall be deemed to have visited the site of work, to have fully informed himself regarding the local conditions and carried out his own investigations to arrive at the rates quoted in the tender. In this regard he will be given necessary information available with the department but without any guarantee about its accuracy.
- If the contractor shall have any doubt as to the meaning of any portion of the general conditions, or the special conditions or the scope of the work or the specifications and drawings or any other matter concerning the contract he shall in good time, before submitting his tender, put forth the particulars thereof and submit them to the Bank, Kolkata in writing in order that such doubts may be clarified authoritatively in writing before tendering. Once a tender is submitted, the matter will be decided according to tender conditions in the absence of such authentic pre-clarification.



I/We hereby declare that I/We have read and understood the above instructions for the guidance of tenderers.

Signature of Bidder with Seal

SPECIAL CONDITIONS OF THE CONTRACT

1. The wood to be used should have similar / uniform grains and should be totally free from white portions, decay, knots etc.
2. All the edges of the plywood should be fixed with teak wood/ PVC/ MDF beadings. The beading to be fixed with adhesive / screw/ nails.
3. The measurements indicated in the drawings are approximate and may vary as per the site conditions. Bank's Engineer/ Architect's interpretation of the design and the specifications mentioned in the entire document shall be final and without appeal. In case of Errors or inconsistency, if discovered in the drawing and specifications, Bank's Engineer/ Architect's interpretation shall be final and without appeal.
4. The contractor shall submit the Bar Chart & PERT chart before commencement of work and the progress chart during the course of work.
5. For the design and other details mentioned in the entire document Bank's Engineer/ Architect alone has the patent right.
6. The contractor shall take the prior approval from Bank's Engineer/ Architect for subletting the job even if the same is to a specialized agency.
7. In case Bank's Engineer/ Architect rejects a particular work the tenderer shall remove the same within two days and no payment shall be made for such work.
8. The Contractor has to take all safety measures with regard to the workmen employed as per relevant laws and good engineering practices at site and safety measures against the fire hazard.
9. The contractor has to make necessary arrangement for internal lighting at the site.
10. The contractor has to carry out the job strictly as per specification spelt out in the bill of quantities, the drawings, instructions that may be issued by the Engineer-in-charge and the specification of the Bureau of Indian Standards, National Building Code etc.
11. In case of any discrepancy between the specifications and the drawings, the details mentioned in the specifications / Bill of quantities may be taken as final.
12. The electrical installation works are to be carried out by engaging licensed electrical contractor. The successful tenderer shall submit the photocopy of Electrical Contractor's license at the time of execution of work. The copy of license of Electrical Supervisor and electricians also are to be submitted.
13. **The contractor has to collect the SLD & other relevant Electrical Drawings of the site from the Architect's office on receipt of Work Order and should strictly adhere to the same without any deviation. All load distribution of the branch should be divided equally on all the three phases**
14. The contractor shall submit the single line drawing of electrical installations/wiring of completed work along with the final bill.
15. The contractor shall submit the Test Certificate of the Electrical installations carried out by him as per requirement of local Electrical supply Authority, Indian Electricity Rules, and Indian Electricity Act.
16. The work shall be carried out on holidays and Sundays after and before office hours and during office hours on working days. The Contractor shall ensure that there shall not be any problem, disturbance in office/other areas/floors as the work is to be executed in working office.

17. The Contractor shall depute one electrician and one helper during office hours to avoid any electrical breakdown in electrical installation.
18. The contractor has to carry out the job strictly as per specification spelt out in the bill of quantities, the drawings, instructions that may be issued by the Engineer-in-charge and the specification of the Bureau of Indian Standards, National Building Code etc.
19. Contractors shall insure whole work against fire, PICT and third party.
20. In case of any discrepancy between the specifications and the drawings, the details mentioned in the specifications / Bill of quantities may be taken as final.
21. The work will be awarded to the Agency that has given the lowest rate (L-1).

Additionally, the L2 Bidder will be asked to confirm if he can do the work at the lowest rates quoted by L1.

If the L2 gives a letter confirming that he is ready to carry out the work at the lowest rate (L1), then it can be considered to award the work to him also. The condition of this award of work to L2 on the rates of L1 will be as under:

1. When L1 denies in writing that he does not have capacity to do the work.
2. When it is observed by Bank's Engineer/ Architect. That L1 has not completed more than 3 sites in time.
3. When defects are found in the work of L1.
4. When L1 does not take up the work as assigned within the stipulated time period as mentioned in the work order.

PREAMBLE TO THE BILL OF QUANTITIES

The work proposed is to be carried out at the Office premises mentioned on the cover page (no.1) of the tender. The premise is proposed to be provided with Furnishing, civil, plumbing, electrical, LAN cabling works. The quality of work proposed should have the best workmanship. The contractor should ensure that only the first quality materials mentioned in the list of material is purchased for the project.

1. The work should be carried out in such a way that the structure is not disturbed.
2. Any difference / discrepancies in the specification should be clarified with the Engineer in charge before submitting the tender. The Engineer in charge will have the liberty to modify the specification to a reasonable limit to suit the basic concept during the course of work; the tenderer should carry out such work without any extra cost.
3. In case of any major modification such items will be considered as an extra items. Payment for such items will be paid based on the Engineering rate / Market rate analysis. 15% of the total cost of material & labour will be considered as tenderer's profit.
4. The contractor should co-ordinate with the other contractors employed at the site for smooth flow of work.

SPECIFICATIONS

APPROVED MAKE OF MATERIALS

| Civil & Furnishing Works | | |
|-------------------------------------|---|---|
| 1 | False Ceiling / Channels | India Gypsum / Armstrong /AMF / Saint Gobain |
| 2 | Aluminium Frame Work / Aluminium Section | Jindal / TATA |
| 3 | Wood Skirting / Moulding / Lipping / Beading | C P Teak |
| 4 | Wood Preservative | STP Pentaphene Pale / Termiseal by PCI / Bison by British Paint |
| 5 | Fire Reterdant Paint | Industrial grads of Noble / Viper |
| 6 | Marine Ply with ISI : 710 mark | Century /Duro/ GreenPly/ Sylvan/ Archid /Austin |
| 7 | All Plywood of Thickness 4/6/8/9/12/18/19 should be of IS 303 Mark Only | Century /Duro/ GreenPly/ Sylvan/ Archid /Austin |
| 8 | BWP Block board (IS : 1659) Flush Door | Century /Duro/ GreenPly/ Sylvan/ Archid /Austin |
| 9 | Laminate (1.0 mm thk.) | Formica / Greenlam /Centurymica / Sunmica |
| 10 | Veneer (4.0mm Thk) | Century/ Green Ply/Duro |
| 11 | Door Closure (Heavy Duty) | Ebco / Ozone / Dorma / Godrej |
| 12 | Floor Spring (Heavy Duty) | Ebco / Ozone / Dorma / Godrej |
| 13 | Door Lock (Dead) | Godrej / Ebco |
| 14 | Door Handles | Godrej / Hafele /Hettich / Ebco |
| 15 | Drawer / Storage Handle | Godrej / Hafele /Hettich / Ebco |
| 16 | Drawer / Storage Lock (Multipurpose) | Godrej / Hafele /Hettich / Ebco |
| 17 | Night latch | Godrej / 4C Acme |
| 18 | Screws | GKW / Nettle fold |
| 19 | Hinges | CIEF |
| 20 | Sliding Telescopic Drawer Channel | Ebco / Kombo / Efficient Gadjets / Innofit / Palam |
| 21 | Cable Organiser | Ebco / Innofitt Systems (CM 63.C) |
| 22 | Adhesive | Fevicol SH / Araldite |
| 23 | Soft Board | Jolly Board |
| 24 | Vertical / Roller Blinds | Mac / Vista / Wincab |
| 25 | Glass | Modiguard /AIS / Saint Gobain |
| 26 | Paints (Synthetic Enamel / Acrylic Emulsion) | Asain Paints / Berger / Dulux |
| 27 | PVC Flooring | Krishna Vinyl / Armstrong / Birla |
| 28 | Wooden Flooring | Mikasa / Merino / Square Foot or equivalent make |
| 29 | Wooden Laminated Flooring | Armstrong/ Merino/Square Foot or equivalent make |
| 30 | WPC Baffle | Leeben/ Pare or equivalent make |
| 31 | Stretch Ceiling | Orange/ Euroceil/ Borosil/ Ferrari |
| 32 | Grid Ceiling | Armstrong / Knauff- SILHOUETTE series or equivalent |
| 33 | Texture Paint | Asain Paints / Berger / Dulux |

| | | |
|----|-------------------------|----------------------|
| 34 | WPC 3D Panel | Alutuff / Murrato |
| 35 | European WC / Washbasin | Hindware / Parryware |
| 36 | Sanitary Fittings | Jaquar / Hindware |

| | | |
|----|--|--|
| 37 | G.I. Pipe | Tata (Medium) / Jindal |
| 38 | Cement | Ultratech / Ambuja / ACC |
| 39 | Footmat | Birla 3M / Approved Equivalent |
| 40 | Vitrified Tiles | Johnson / Kajaria / Nitco / ASL |
| 41 | Ceramic Tiles | Johnson / Kajaria / Nitco / ASL |
| 42 | Polyester fibre panels/ Acoustics wall panel | Times / Armstrong / Anutone |
| 43 | ACP | Alucobond / Alstone / Euroboard |
| 44 | Wall Paper | D'décor/ Greenterior or equivalent make |
| 45 | Carpet tiles | Unitex / Modulyss / Japan |
| 46 | Flexi Ply (4 mm.) | Century / Green/ Duro |
| 47 | Corian (6 mm.) | Hennex/HI-MAC/ STARON / Merino or equivalent |
| 48 | Glass Etching Film | Garware / 3M / LG |
| 49 | All other items not covered above | As per sample approved by Bank |

| Electrical Works | | |
|-------------------------|---|--|
| 1 | Switch fuse / fuse switch units (HRC) (32A TPN & above) | L & T / Siemens/ Schneider/ ABB/ Legrand |
| 2 | Timer (TSQ 100) | L & T |
| 3 | Voltmeter & Ammeter | A. E. / IMP |
| 4 | Voltmeter & Ammeter selector switches | KAYCEE / L & T / Siemens |
| 5 | Phase indicating lamp | L&T, Vaisno, Teknic |
| 6 | Capacitor | CROMPTON/SIEMENS |
| 7 | HRC fuses | GE power / SIEMENS / L & T / SCHNEIDER |
| 8 | Power Cable : XLPE Al armoured (ISI marked) | POLYCAB / HAVELLS / NICCO |
| 9 | HRC fuse base & carriers. | GE power / SIEMENS / L & T / SCHNEIDER |
| 10 | 1.1KV grade PVC insulated & sheathed / insulated copper wire & flexible cords (ISI marked). | POLYCAB / FINOLEX / HAVELLS |
| 11 | RCCB / ELCB / MCCB | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 12 | Switch fuse with rewirable fuses. (6A - 32A TPN) | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 13 | Isolator / MCB | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 14 | Changeover switch (on load type) | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 15 | MCB distribution board (Double Door) | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 16 | Distribution fuse board with rewirable fuses | LEGRAND / SIEMENS / HAGER / HAVELLS |
| 17 | 6/16 Amp modular switch / socket, module plate & mounting M.S. / PVC box. | CRABTREE / LEGRAND / KOLORS |
| 18 | 16/25 Amp., 2 module electronic regulator | CRABTREE / LEGRAND / ANCHOR |
| 19 | Ceiling rose | KAY / EPP / ANCHOR / JJ |
| 20 | Holder | KAY / EPP / ANCHOR / JJ |
| 21 | Alarm bell | KHERAJ / GETCO / KONE / ANCHOR |
| 22 | PVC conduits | CAP/Finolex/Polycab |
| 23 | Compression type brass gland | DOWELLS / JOHNSON / COMET |
| 24 | Cable termination socket | DOWELL'S |
| 25 | Light fitting & lamps | PHILLIPS / HAVELLS / WIPRO / OSRAM/ CROMPTON/ Jaquar |
| 26 | Ceiling / Wall Mounted Fan | CROMPTON / USHA / BAJAJ / HAVELL'S |

| | | |
|-------------------------------|------------------------------------|--|
| 27 | Exhaust fan | CROMPTON / POLAR / KHAITAN / HAVELL'S |
| 28 | Industrial type socket & top | HAVELL'S / CROMPTON / LEGRAND |
| 29 | Telephone / TV cable | Delton, Skyline, Finolex, Rallison, Batra Henley |
| 30 | STARTERS | NORTH WEST / CABTREE |
| 31 | RACKS | ComRack / HCL / ValRack / APW President |
| 32 | LAN Cable | D Link |
| 33 | All other items not covered above | As per sample approved by Bank |
| Air-Conditioning Works | | |
| 1 | VRF Equipments | Daikin/ Bluestar/ L.G / Voltas |
| 2 | VRF HI-WALL UNIT | Daikin/ Bluestar/ L.G / Voltas |
| 3 | VRF CASSETTE UNIT | Daikin/ Bluestar/ L.G / Voltas |
| 4 | Cu. Insulated refrigerant pipes | Totaline / Rajco/ Mandev |
| 5 | Flexible Sheilded Copper Conductor | KEI/ RR Kabel/ Finolex |
| 6 | All other items not covered above | As per sample approved by Bank |

NOTE :-

- *The tenderer shall use all the material strictly as per the list of approved make as stated above, it is mandatory to take the written confirmation well in advance if the material as stated above is not available and / or the same is not suitable (color, size, shape, texture) as per the site condition.*
- *In case the tenderer wish to verify the detailed specification of materials, workmanship etc. the same may be verified from the office of Architect before submission of the tender.*
- *Whether a product is equivalent or not will be decided by the Engineer-in-Charge/ Architect only.*

CONTRACTOR

NOTE: The contractor shall use only above mentioned material to be approved by the Consultant. All other materials shall confirm to the specifications laid down. The tenderer shall take this into account while tendering rates / prices.

BANK OF BARODA
ZONAL OFFICE, NORTH EASTERN STATES, BHANGAGARH, G.S. ROAD, GUWAHATI-
781005, ASSAM

T E N D E R F O R M

I/We have read and examined the notice inviting tender. Schedules A,B,C,D,E & F, specifications applicable, Drawings and Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate and all other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the Bank of Baroda within the time specified in Schedule 'F' at the rates specified in the attached Schedule 'A' viz., schedule of quantities and in accordance in all respects with the specifications, designs drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the conditions of contract and with such materials as are provided for, by, and in all respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for hundred and twenty days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs. 105000/-** is hereby forwarded in Demand Draft of a Scheduled Bank as earnest money (unless exempted). If I/We, fail to commence the work specified I/We agree that the Bank shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely otherwise the said earnest money shall be retained by it towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clauses 12.2 and 12.3 of the tender form.

I/We hereby declare that I/We treat the tender documents, drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived therefrom to any persons other than a person to whom I/We am /are authorised to communicate the same or use the information in any manner prejudiced to the safety of the state.

I/We fully understand that you are not bound to accept the lowest or any tender you may receive.

Shri. _____, Partner/Proprietor/ _____, is the person authorised to negotiate commercial and technical terms and conditions and sign on behalf of the firm any Agreement, Bills and receipts

for this work.

I/We agree that should I/We fail to deposit the full amount of initial security deposit and/or fail to commence the work specified in the above memorandum, an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be

absolutely forfeited to the BANK OF BARODA and the same ,may at the option of the BANK OF BARODA be recovered without prejudice to any other right or remedy available in law, out of the deposit in so far as the same may extend in terms of the said bond and in the event of deficiency out of any other money due to me/us under this contract or otherwise.

I/We agree that until a formal agreement on stamp paper is prepared and signed, this tender with your written acceptance thereof shall constitute a binding contract between us.

**Signature of
Contractor Full
Postal Address
Pin Code No. & Telephone No.**

Dated the: _____ day of

2024 Witness:

Name :

Address:

Occupation:

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆

**:ANNEXURE-1:
APPLICATION FORMAT**

1. (a) Name of the Applicant :

(b) Address :

(c) No. Telephone :

Office :

Residence :

Mobile :

Fax :

E-Mail :

(d) Registered Address of office :

(e) Local Address of Office :

2.a) Status of the Firm(Whether

company/ Partnership /

proprietary) :

b) Name of the Proprietor/ Partners/

Directors (With professional

qualifications, if any):

I)

II)

III)

c) Year of establishment :

3. Whether registered with

Registrar of Companies/ firm.

If so, No. & Date :

4. Registration with Tax Authorities :

a) Income-tax No. PAN ;

(Furnish copies of Income-tax returns)

b) GST Regdn Number :

(Furnish the latest copies of the returns filed)

c) Electrical license number of the contractor /associate:

5. Names of the Bankers with address :

I)

II)

6. Turnover of the Company/firm (Please attach copy of documents in support of the details).

| Sl. No. | Year | Turnover |
|---------|---------------------|----------|
| 1 | 2020-21/ 2021-22 | |
| 2 | 2021-22/ 2022-23 | |
| 3 | 2022-23/ 2023-24 | |

7. Registration/Empanelment with Government / Public Sector / Banks / Corporate if any (Copy of valid registration/empanelment copy should be enclosed).

| NAME OF THE ORGANISATION | NATURE OF WORKS | VALUE OF WORKS | DATE OF REGISTRATION |
|--------------------------|-----------------|----------------|----------------------|
| | | | |
| | | | |
| | | | |
| | | | |

8. What are your fields of activities? Mention the fields on

preference Basis 1)

2)

3)

9 Details of the works executed during the last 3 years prior to 31.03.2024 to meet eligibility Criteria

| Sl | Name of Work | Work executed for (name of the organization with address, concerned office and telephone number) | Nature of work (in brief) | Location of the work | Actual Value of the works | Date of commencement & Completion. |
|----|--------------|--|---------------------------|----------------------|---------------------------|------------------------------------|
| | | | | | | |

10. Key personnel permanently employed in your organization:

| Sl No. | Name | Qualifications | Experience | Particulars of work done | Employed in your firm since | Any other |
|--------|------|----------------|------------|--------------------------|-----------------------------|-----------|
| | | | | | | |

11. Furnish the names of three responsible clients/ persons to whom the major works carried out by the applicant with address and telephone number who will be in a position to certify about the quality as well as past performance of your organization.

| NAME OF THE OFFICIAL | ORGANISATION & ADDRESS | CONTACT NUMBERS |
|----------------------|------------------------|-----------------|
| | | |
| | | |

| | | |
|--|--|--|
| | | |
|--|--|--|

12. Furnish the details of AWARDS, CITATIONS etc received in recognition of your services in projects designed/ associated

| YEAR | Name of the Award with details | Name of the organization from whom award was received | Name of the project for which such award was received |
|------|--------------------------------|---|---|
| | | | |
| | | | |
| | | | |

DECLARATION

1. All the information furnished by me / us here above is correct to the best of my knowledge and belief.
2. I / we have no objection if enquiries are made about the work listed by me / us in the accompanying sheets / annexure.
3. I / We agree that the decision of Bank in selection will be final and binding to me / us.

Place :

SIGNATURE

Date :

NAME & DESIGNATION

SEAL OF ORGANISATION

:ANNEXURE-2:

**BANK OF BARODA
ZONAL OFFICE, NORTH EASTERN STATES, BHANGAGARH, G.S. ROAD, GUWAHATI-
781005,**

ASSAM A C C

E P T A N C E

The above tender (as modified by us or negotiations as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Bank of Baroda for a sum of **Rs._____ (Rupees.)**

The letters referred to below shall also form part of this contract

agreement : a)

b)

c)

For & on behalf of the BANK OF BARODA

Signature : _____

Designation: _____

Dated this _____ day of 2024.

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆

:ANNEXURE-3:

**BANK OF BARODA
ZONAL OFFICE, NORTH EASTERN STATES, BHANGAGARH, G.S. ROAD,
GUWAHATI-781005, ASSAM**

FORM OF AGREEMENT

This agreement made the _____day of the month of _____in the year **2022** BETWEEN, **BANK OF BARODA**, having its Head Office, at **Baroda Bhavan, R.C. Dutt Road, Alkapuri, Baroda-390007, Gujarat, India**, represented by its duly constituted attorney (hereinafter referred to as Bank) of the ONE PART; and Shri/M/s _____ S/D/o_____ resident of _____

_____ the sole proprietor of **M/s**_____ having office at _____/the partnership firm represented by its Managing/duly authorised partner, _____ having an administrative/principal office at _____

_____ /a company/body corporate being its registered office at _____

_____ duly represented at _____duly represented by its constituted and authorised Managing Director, Shri_____ and (hereinafter called the Contractor) of the other part WHEREAS THE Bank is desirous that certain works should be constructed viz.,_____ and has accepted the tender dt._____furnished by the contractor for the constructions, completion and performance of such works.

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract hereinafter referred to.
2. The following documents not inconsistent with these presents shall be deemed to form and be read and construed as part of this agreement viz.,
 - a) Notice inviting Tender
 - b) The Tender form
 - c) _____
 - d) General Rules and Directions to tenderers .
 - e) Conditions of contract and clauses of contract along with Annexures thereto and Schedules A to F.

- f) Schedule of quantities (SOQ) includes Prices and tendered amount.
- g)Tender drawings.
- h)Technical Specifications for the work.
- i)Safety code and Model rules for the protection of health, Sanitary arrangements for workers employed.
- j) Letter of Acceptance.
- k)Letters from and to the Contractor, if any, leading to and prior to acceptance letter.

3. In consideration of the payments to be made by the Bank to the Contractor the Contractor hereby covenants and agrees with the Bank to construct, complete and perform the works in conformity in all respects and subject to all terms and conditions/rules as mentioned in the aforesaid documents which shall form part of this agreement.

In witness whereof the parties hereto have hereunto set their respective hands and seals the day and year first above written.

Signed, sealed and delivered by the said contractor, _____ to bank
_____ in the presence of:

Signature of Contractor (with seal)

Signature of Bank Official (with seal)

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆

:ANNEXURE-4:

**BANK OF BARODA
ZONAL OFFICE, NORTH EASTERN STATES, BHANGAGARH, G.S. ROAD,
GUWAHATI-781005, ASSAM**

**LIST OF RELATIVES EMPLOYED IN BANK OF BARODA AND WITH THE
ARCHITECT FOR THIS WORK.**

| I. N O | Name | Designation | Branch/ Office of Bank / Architect | Relationship with Contractor |
|-----------------------|-------------|--------------------|---|---|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

Signature of the Contractor

◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆

:ANNEXURE-5:

INTEGRITY PACT

Between

BANK OF BARODA a body corporate constituted under the Banking Companies (Acquisition and Transfer of undertakings Act, 1970,) having its Head office, at Baroda Bhavan, R.C. Dutt Road, Alkapuri, Baroda-390007, Gujarat, India hereinafter referred to as “The Principal”, which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

(description of the party along with address), hereinafter referred to as “The Bidder/ Contractor” which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for *Interior Furnishing of Zonal Office, North Eastern States on 2nd Floor of Sethi Trust Building at Bhangagarh, Guwahati-781005, Assam*)

The Principal values full compliance with all relevant laws of the



land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the Tender/RFP process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

1.1.1 No employee of the Principal, personally or through family members, will in connection with the Tender/RFP for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

1.1.2 The Principal will, during the Tender/RFP process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the Tender/RFP process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender/RFP process or the contract execution.

1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.



Section 2 – Commitments of the Bidder(s)/ Contractor(s)

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender/RFP process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the Tender/RFP process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender/RFP process or during the execution of the contract.

The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.2 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.3 The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is



committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from Tender/RFP process and exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidders(s)/ Contractor(s) from the Tender/RFP process or take action as per the separate “Guidelines for Suspension of Business Dealings with Suppliers/ Contractors” framed by the Principal.

Section 4 – Compensation for Damages

4.1 If the Principal has disqualified the Bidder(s) from the Tender/RFP process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 – Previous Transgression

5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the Tender/RFP process.

5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender/RFP process or the contract, if already

awarded, can be terminated for such reason.

Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors

6.1 The Bidder(s)/ Contractor(s) undertake(s) to demand from his sub- contractors a commitment consistent with this Integrity Pact. This commitment shall be taken only from those sub-contractors whose contract value is more than 20% of Bidder's/ Contractor's contract value with the Principal.

6.2 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.

6.3 The Principal will disqualify from the Tender/RFP process all bidders who do not sign this pact or violate its provisions.

Section 7 – Criminal Charges against violating Bidders/Contractors /Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 –Independent External Monitor(s)

8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to

the MD & CEO , BANK OF BARODA.

8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or heal the situation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

8.6 The Monitor will submit a written report to the MD & CEO , BANK OF BARODA within 8 to 10 weeks from the date of reference or intimation to him by the Principal and, should the occasion arise, submit proposals for correcting problematic situations.

8.7 The MD & CEO , BANK OF BARODA shall decide the



compensation to be paid to the Monitor and its terms and conditions.

8.8 If the Monitor has reported to the MD & CEO , BANK OF BARODA, a substantiated suspicion of an offence under relevant IPC / PC Act, and the MD

& CEO , BANK OF BARODA has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.9 The number of Independent External Monitor(s) shall be decided by the MD & CEO, BANK OF BARODA.

8.10 The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

9.1 This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract and for all other Bidders 6 months after the contract has been awarded.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the MD & CEO, BANK OF BARODA.

Section 10 – Other Provisions

10.1

This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2

Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3

If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4

Should one or several provisions of this agreement turn out to



be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5

Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal
Bidder/ Contractor

For & On behalf of the

(Office Seal)

(Office Seal)

Place-----

Date-----

Witness: _____

Witness:

(Name & Address) _____
Address)_____

(Name &

**INTERIOR FURNISHING WORKS OF ZONAL OFFICE OF BANK OF BARODA
FOR NORTH EASTERN STATES**

AT 2ND FLOOR OF SETHI TRUST BUILDING, BHANGAGRH, GUWAHATI, ASSAM

SUMMARY SHEET

| SL. NO | ITEM DESCRIPTION | AMOUNT (RS.) |
|---------------|--|---------------------|
| A | INTERIOR FURNISHING WORKS | |
| 1 | REVISED BOQ FOR CARPENTRY & INTERIOR WORKS | |
| 2 | REVISED BOQ FOR ELECTRICAL & OTHER RELATED WORKS | |
| 3 | REVISED BOQ FOR VOICE & DATA CABLING WORKS | |
| A | TOTAL OF INTERIOR FURNISHING WORKS | |
| B | NON - INTERIOR WORKS | |
| 1 | REVISED BOQ FOR CIVIL & PLUMBING WORKS | |
| 3 | AIR-CONDITIONING WORKS | |
| B | TOTAL OF NON- INTERIOR WORKS | |
| C | GRAND TOTAL (A+B) | |

Note- All Rate and Amount in this Cost Abstract and BOQ should be Handwritten in Blue colour ink or else. Typed Abstract & BOQ shall not be considered for Financial Evaluation

ESTIMATED BOQ FOR CARPENTRY WORKS OF BOB'S ZONAL OFFICE FOR NORTH EASTERN STATES ON 2ND FLOOR OF SETHI TRUST BUILDING

PART A :- CARPENTRY WORKS

| SR.NO | DESCRIPTION | UNIT | QNTY | RATE | AMOUNT |
|----------|--|-------|------|------|--------|
| | NOTES | | | | |
| i | The rate shall be include of frame work above false ceiling level. Measurement should be taken up to false ceiling level and visible portion only. | | | | |
| ii | Basic rate of Laminate shall be considered as Rs 35/SFT | | | | |
| iii | Basic rate of Veneer Wood Laminate shall be considered as Rs 72/SFT | | | | |
| iv | Basic rate of Veneer shall be considered as Rs 140-155/ sft | | | | |
| v | Veneer Shade- Shade- F612- White Oak Thud Crown, and F716- Sapeli Chime, of Senzura Styles from Century Veneers | | | | |
| vi | Basic rate of Solid Surfaces (CORIAN) 6mm thk shall be 890/ sft, and for 12mm shall be 1550/ sft | | | | |
| A | PARTITION WORKS | | | | |
| 1 | FULLY GLAZED PARTITION - WITH TOUGHENED GLASS | | | | |
| | Providing and fixing of Fixed Glass partition with 10mm thick toughened glass using Standard fittings of above - mentioned makes at the top and grouting at the bottom & top with U - Shaped Aluminium rails and EPDM gaskets including cutting, making holes in glass and fixing the fittings in floors, false ceiling etc. and making the same good with necessary screw, sealent wherever required. The top U-shaped Aluminium rail alongwith other fittings should be fitted to the Wooden section fixed above the Gypsum board in the level of GI channels of False ceiling. | | | | |
| a | USING OZONE / HAFFLE / YALE/ HETTICH MAKE FITTINGS | S.FT. | 370 | | |
| 2 | FULL HEIGHT SOLID PARTITION FINISHED WITH PLY ON BOTH SIDES | | | | |
| | Providing and fixing full height solid partition upto ceiling height consisting of G.I. frame and required board fixed on both sides . It shall including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with zinc coating of 120 gms/ sqm(both side inclusive), consisting of floor and ceiling channel 50mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, Galvanised M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each with zinc coating of 120 gms/sqm(both side inclusive)) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws. The partition should be finished with 1.0mm thk Laminate/ 4.0mm thk Veneer finished inmelamine polish. The shade of laminate / veneer and polishing finish to | | | | |
| | VENEER SHADE - Senzura Styles from Century Veneers make . Shade- F612- White Oak Thud Crown, and F716- Sapeli Chime | | | | |
| | LAMINATE SHADE - | | | | |
| a | FINISHED WITH BOTH SIDE LAMINATE | S.FT. | 560 | | |
| b | FINISHED WITH ONE SIDE LAMINATE & OTHER SIDE PLY | S.FT. | 210 | | |
| c | FINISHED WITH BOTH SIDE VENEER | S.FT. | 490 | | |
| d | FINISHED WITH ONE SIDE VENEER AND OTHER SIDE LAMINATE | S.FT. | 330 | | |
| e | FINISHED WITH ONE SIDE VENEER-ONE SIDE PLY | S.FT. | 98 | | |
| f | FINISHED WITH BOTH SIDE PLY | S.FT. | 120 | | |
| g | CURVED PARTITION FINISHED WITH 2 NOS 4/5 MM THK FLEXI PLY AND FIXED OVER FRAME ON BOTH SIDES INSTEAD OF 8/9 MM PLY AS PER THE DESCRIPTION (PAYMENT FOR FINISHING MATERIAL LIKE LAMINATE / WALL PAPER / VENEER/ BAFFLE/ LOUVERS ETC SHALL BE MADE EXTRA AND ABOVE THIS ITEM) | S.FT. | 250 | | |

| | | | | | |
|----------|---|-------|-----|--|--|
| 3 | SEMI HT. SEMI GLAZED PARTITION IN LAMINATE | | | | |
| | Specification same as Solid Partition above but of low ht as per the drawing. The partition shall be finished with 1.0mm thk laminate of approved shade and make over 8/9mm thk plywood fixed on both sides of the partition framing. All external surface and edges to be finish with 1mm thk laminate of approved shade & make. Providing and Fixing inserted Soft board / White boards / Glass maintaining the vertical surface lines and no extra measurements would be taken for the soft boards / white boards / Glass. | | | | |
| a | WITH BOTH SIDE LAMINATE | S.FT. | 450 | | |
| 4 | SEMI HT. SOLID PARTITION IN LAMINATE | | | | |
| | Same as Semi Ht. Semi glazed partition but without any glass/ soft boar/ white board | S.FT. | 170 | | |
| 5 | GLAZED DIVIDER PARTITIONS OVER WORKSATATIONS | S.FT. | 72 | | |
| | Providing and fixing glazed partition 450mm (Max Height) as per approved design of 12mm thk frosted glass in "D" Shape as per approved pattern and design, mirror polished fixed with S S D-Clipsfixed to walls/partitions on one side and Table top on the other side | | | | |
| | | | | | |
| B | PANELLING | | | | |
| 1 | PANELLING ON WALLS/ COLUMNS - with or without frame | | | | |
| | Providing and fixing of wall panelling directly on the wall surface with or without any framework with 12mm thick commercial grade ply and then finished with 1.0 mm thick. laminate/ with 4.0mm thk veneer in mellamine polish of approved shade. If the framework is required it shall be of aluminium hollow sections of 50mm x 50mm size 1.5mm thick of JINDAL / INDAL make as internal frame structure placed horizontally & vertically in 550 mm x 550 mm or 600mm x 600mm center to center or as directed by the Architect . All woodwork & laminate shall be finished with two or more coats of Melamine or PU polish over one coat of sealer; all complete as per the instructions of Architect. The rate shall be inclusive of provision of groove with 1.0 mm thick. laminate along all 3 sides of the groove in the panelling of size 12mm x 12mmx 18 mm ht. and as directed by the Architect. This | | | | |
| a | WITH LAMINATE FINISH | S.FT. | 680 | | |
| b | IN VENEER FINISH | S.FT. | 448 | | |
| 2 | PANNELLING WITH 6 MM THK LECQUERED GLASS OF APPROVED SHADE | S.FT. | 148 | | |
| | Providing and fixing of 6mm thick lacquer glass SGG Planilaque glass of approved color by architect/ Client with SGG Planifix silicon on perfectly leveled water proof non-conventional plywood (preferably marine plywood) of minimum 12mm thickness mounted on the BRICK or RCC wall/any other structure. The SGG Planilaque lacquered glass to be of 6mm thick highly durable, humid resistance, poly urethane lacquer glass. The Planilaque glass should be manufactured by industrial curtain coating process. It should meet quality standards as per BS EN 1036 1999 & confirms to PERSOZ hardness test of at least 220 oscillations. The substrate of the glass should conform to Standard BS EN 572 1995 parts 1 and 2: Glass in Building - Basic soda lime silicate glass products. Planilaque lacquered glass to be manufactured to right specifications, relating to consistency of color, opacity and homogeneity throughout production campaigns and also to the ageing properties, mechanical resistance, and resistance to humidity and to chemical agents of the lacquer. The color of the lacquer should remain stable when exposed to normal levels of ultraviolet light in interior applications.The rate shall be inclusive of levelling the surface with 9/12 | | | | |
| 3 | PANELLING WITH WALL PAPER | S.FT. | 196 | | |
| | Providing fixing and pasting Wall paper as per design & details. The item includes making POP base to get a uniform smooth surface. (base Price Rs. 100/ sqft.without taxes) The fixed area of wall paper shall be considered for payment and not the area of procured material. | | | | |
| 4 | 1.0 MM THK LAMINATE PANELLING | S.FT. | 88 | | |
| | Providing & Fixing 1.0mm thk decorative high pressure laminated sheet of approved shade and make with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality. | | | | |
| 5 | PANNELLING WITH 8/9MM THK MDF JAALI OF APPROVED SHADE AND PATTERN/ DESIGN IN CNC CUT | S.FT. | 110 | | |

| | | | | | |
|----------|---|--------|-----|--|--|
| | Providing & fixing of approved shaped and design CNC cutting 8/9 mm thk MDF board panels fixed to walls/ partitions and in places as directed by the architect (As per design approval from the architect) To be finished with putty finish spray paint (approved colour) | | | | |
| 6 | NOTICE BOARD | SFT. | 24 | | |
| | Providing and fixing notice board size as required/ directed (matching with the panel of the cabin) with openable shutter on the front. Made out of 19mm thick Steam beech veneered block board frame and outer frame in 2 1/2" x 1 1/2" Steam beech wood section , concealed hinges , locking arrangement , and glass of (5.5mm thick) with rear panel of SITATEX board , covered with fabric of approved shade. (Basic rate Rs.100/-per mtr , 48" width), fixed to back ply 6mm thick . All complete including melamine polish in stain of required shade. All complete as per approval of the Architect / employer | | | | |
| 7 | 10MM GLASS SHELVES- 250-300MM WIDE | RFT | 44 | | |
| | Providing and fixing 12mm thk Clear Glass Shelves, 250-300MM WIDE in mirror polished edges as per design. The Glass selves should be fixed with the help of Stainless Steel F Type Glass Shelf Bracket Square 12 Inches, with screws to walls / partitions/ panneling, at an interval of 24-30" as per design and as directed by the achitect | | | | |
| C | DOORS | | | | |
| 1 | ENTRANCE DOORS - WITH TOUGHENED GLASS (PATCH FITTINGS) | | | | |
| | Providing and fixing frameless fully glazed 12mm thk toughened float glass fixed with necessary patch fittings(Dorma make) including cutting, making holes, cutouts in the glass of required shape and size to acBWPodate fittings and fixing the fittings in floors, soffits, jams including necessary fixtures, srews, sealent wherever required and SS cover over patch fittings. Rate shall include necessary etching film / LOGO, approved patch fitting locking systems, 1 pair of 12" long S. S. (C Shape) Handles of approved make, floor springs, and any necessary hardware items. (ABOVE MENTIONED MAKES Top Pivot , Top Patch Fittings, Bottom Patch fittings , Floor Spring , Corner lock with strike plate and Euro Profile Cilinder, C Shape Handle 25mm dia X 300mm length) | | | | |
| a. | DOORS - WITH OZONE / HAFFLE / HETTICH MAKE FITTINGS | S.F.T. | 160 | | |
| 2 | DOORS ON WOODEN PARTITION / BR. WALLS WITH OR WITHOUT VISION PANEL | | | | |
| a | SOLID DOORS- IN LAMINATE FINISH (with hardware fittings MAKE EVERITE / GOLDEN /HARDWIN /EVEREST) (WITH OR WITH OUT VISION PANEL AS PER DIRECTION OF the ARCHITECT | | | | |
| | Providing and fixing solid doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make and finished with 1mm thick approved laminate on both sides. The edges finished with steam beach lipping. A door frame of 3.5" x 2" steam beach section shall be provided finished in mellamine. Rate shall include Dead lock (Godrej Make), floor springs / door closure (as the case may be), door stopper, a pair of handles 12" SS Brushed finished, 5" hinges 4 Nos., buffers, tower bolts, etc with necessary hardware items and with or with out door frames as mentioned above | | | | |
| i | With Door Closure | S.F.T. | 184 | | |
| ii | RE-MODELLING OF EXISTING DOOR SHUTTER & FINISHING WITH BOTH SIDE LAMINATE | S.F.T. | 102 | | |
| b | SOLID DOORS- IN VENEER FINISH (with hardware fittings MAKE EVERITE / GOLDEN /HARDWIN /EVEREST) (WITH OR WITH OUT VISION PANEL AS PER DIRECTION OF the ARCHITECT | | | | |
| | Providing and fixing solid doors of sizes as shown in the drawing. The door shutter shall of 35 mm thick flush shutter of approved make and finished with Vineer finished with melamine polish on both sides. The edges finished with steam beach lipping. A door frame of 3.5" x 2" steam beach section shall be provided finished in mellamine. Rate shall include Dead lock (Godrej Make), floor springs / door closure (as the case may be), door stopper, a pair of handles 12" SS Brushed finished, 5" hinges 4 Nos., buffers, tower bolts, etc with necessary hardware items and with or with out door frames as mentioned above | | | | |
| i | With Door Closure with ONE SIDE LAMINATE AND OTHER SIDE VEENER IN MELLAMINE POLISH | S.F.T. | 68 | | |
| ii | Same as above as 3 (b) but finished with one side laminate and one side veneer in mellamine polish with Door closer | S.F.T | 82 | | |
| iii | RE-MODELLING OF EXISTING DOOR SHUTTER & FINISHING WITH BOTH SIDE VENEER | S.F.T | 42 | | |

| | | | | | |
|-----------|---|-------|-----|--|--|
| | Repair & Remodelling of existing Flush Door by replacing/ fixing 1.0mm thk laminate of approved shade and make in approved pattern and fitting new hardware including- Door Closer, Door Stopper, Mortice lever lock, S.S Hinges, etc all complete | | | | |
| c | TOILET DOORS | | | | |
| i | WPC DOOR FRAMES FOR TOILETS OF SIZE 100MM X 80MM | RFT | 112 | | |
| | Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Ceoseatory windows & other Frames/Chowkhat comprising of virgin PVC polymer of K value 58- 60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/ cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm2, modulus of elasticity 900 N/mm2 and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (rate shall be inclusive of the cost of M.S hold fast/lugs or SS dash fasteners etc, all complete). Note: For WPC solid door/window frames, minus 5mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made. Frame size 65 x 125 mm, Make- ALSTONE or | | | | |
| ii | WPC DOOR FOR TOILETS | S.F.T | 134 | | |
| | Providing & Fixing factory made single extruded WPC (Wood Polymer Composite) solid decorative type flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibre (wood powder, rice husk, wheat husk) and non toxic additives (Maximum Toxic level of 12 per 100 gms) having maximum density of 650 kg/ cum and screw withdrawal strength of 1800 n (Face) and 900 N (Edge), minimum compressive strength of 50N/mm2, modulus of elascity 850 N/ mm2 and resistance to spread of flame of Class A category with propoerty of being termite / borer proof, water/ moisture proof and fire retardent. WPC to be laminated with PVC foil of minimum 14 microns thick of approved design pasted with hot melt adhesives on both faces of shutter and fixing with stainless steel butt hinges of required sizes with necessary full body threaded star headed counter sunk s s screws, all as per direction of Engineer-in-Charge.The door shutter shall then be finished with1.0mm thk laminate of approved shade and make in approved pattern as directed by the architect. Note- Rate shall be inclusive of Stainless Steel butt hinges and screws, Tower Bolt, 6" S.S D Handle, etc. all complete. 30 | | | | |
| D | STORAGES | | | | |
| i | LOW HT. STORAGES (1'-6" DEPTH X 2'-6" HT.) (BACK CREDENZA) | | | | |
| | Providing and laying low ht. Storage units of sizes as mentioned above. They shall consist of a top of ¾" thk. BWP. Ply, ¾" thk. BWP. Ply sides and base, ¼" thk. Marine ply back, ¾" thk. BWP. Ply shutter with self closing higes of hafele make(full ovel open) & PVC lipping matching with approved laminate/Veneer on all the edges. All external surfaces to be finished in 1.0 mm laminate (suede finish)of approved make. Division of shutters shall be made equally according to the length of the storage. A ¾" thk. Fixed BWP. Ply shelf on battens shall be provided at 16" intervals from the base. Suitable wooden moulding (as per Architects design) with mellamine shall be provided to the edge of the storage top. All inner surfaces including shutters shall be finished with 0.80mm thk laminate of approved shade and colour. Rate shall be inclusive of all necessary approved fittings like hinges(Hafele make), locks(Godrej make/Vijayan), 3" long brushed finish handles(kich -neki make-CHR103),tower bolts and any miscellaneous hardware items. | | | | |
| a | 2'-6" HIGH IN LAMINATE FINISH | S.F.T | 402 | | |
| b | 2'-6" IN VENEER FINISH | S.F.T | 78 | | |
| ii | OVERHEAD STORAGE IN LAMINATE FINISH | S.FT. | 38 | | |

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|----------|--|-------|-----|--|--|
| | Providing and fixing over-head storages which consist of 18mm thk. BWP. ply shutter with box type hinges of approved make & Steam beach lipping with approved laminate on all the edges. The shutter should be made of of 18mm thk. BWP. Ply top, sides, rear and bottom. All the external surfaces shall be finished with 1.0mm thk. Laminate (suede finish) of approved make. Division of the shutters shall be made equally according to the length of the storage. The edges of the shutters shall be provided with steam beach lipping. One Ply shelf of 18mm thick BWP.ply removable type supported on side steam beach wood battens on both sides (divided equally) shall be provided. All inner surfaces shall be finished with laminate including the shutters.. Rate shall be inclusive of all necessary approved fittings like box type hinges, locks, tower bolts, 100mm SS Brush finished handle | | | | |
| iii | SHUTTERS BELOW GRANITE COUNTERS IN PANTRY/ KITCHEN IN LAMINATE FINISH | S.FT. | 72 | | |
| | Providing and fixing 19mm thk. BWR ply shutters with ply frame, skirting gap as shown in the drg. shall be maintained. Division of shutters shall be made equally according to the length of the counter. Shutters shall be hinged to the framework and finished with 1.0mm thk. Laminate (suede finish) of approved shade from outside, applied with approved oil paint from the inside and edges of shutters with steam beach lipping. Rate shall be inclusive of all necessary approved fittings like hinges, ball catch, handle, and any necessary hardware items. | | | | |
| E | DESK, WORKSTATIONS & DRAWERS | | | | |
| i | 55 SEATER CONFERENCE ROOM TABLE - (22'6" x 5'-0") with Corian Table Top as per Design LAMINATE FINISH /VENEER | NOS. | 1 | | |
| | Providing and making a table of over all size of top as mentioned above. It shall consist of 18mm thk. BWP. Ply top as per design finished with 6mm thk Corian of Merino Hanex Solid Surface of approved shade and colour, supported on 8-12 nos numbers of mullion boxes, as per design of size 18" x 10" made of 18mm thk. BWP finished with 1mm thk laminate of approved shade and Ply inter connected with boxing 10" x 6" (as approved by the architect) on top(below table top) and at bottom (on floor level), finished in laminate of approved shade. Table top to be finished with 6 mm thk Corian of Merino make- Hanex Solid Surface of approved shade and colour and other external surfaces with 1.0 mm thk laminate of approved shade.This supporting boxes shall be then covered with apron on all sides as per design with 19 mm thk plywood finished with approved shade of laminate. Additional legs/ supports in 19 mm thk BWP Ply and finished with approved shade of laminates to be provided at distances as mentioned in the detailed drawings and as per the | | | | |
| ii | ANGULAR RECEPTION DESK DESK - (2'9" X2'9") with Corian Top AND FRONT BOXING AS PER DESIGN | NOS. | 1 | | |
| | Providing and making a table of over all size of top as mentioned above and as per design given. It shall consist of 18mm thk. BWP. Ply top finished with 6mm thk Corian of approved shade and make of MERINO Make with edge moulding and a 3 drawer unit with locks, handles etc. on the end of the table as shown in the drawing.(as approved by the architect). The drawer unit finished top should be at a lower level of 25mm below the finished counter top. The front modesty panel shuould be finished 18 mm BWP. ply with laminate (as approved colour / shade) with Metallic laminate. The customer side top should be at a height of 1 feet with 18/19mm thick ply and wrapped with 12mm thk Solid Surface (Corian) and taken down till half the length of the front apron of the table , of approved colour to be provided. The remaining part 15"-18" high of the front apron should be panelled with WPC louvers of approved shade and make in approved pattern. The inside of drawer units, and the tables should be finished with laminate of approved shade. All exposed surface should be finished with 1.0mm thk laminate wherever not | | | | |
| iii | LINEAR WORK STATION COUNTER 2'-0" WIDE WITH PEDESTAL | R.FT. | 146 | | |

| | | | | | |
|----|---|-----|----|--|--|
| | <p>Providing and laying a linear Workstation counter with pedestal ,key board tray , Wire manager, CPU Trolley & Foot Rest at every 4'-6" length for 2'-0" over all size of top . It shall consist of 3/4" thk. Comm. Ply top as per design (double edge on the front and back with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk. Comm. Ply verticals at every 4'-0" length. Suitable (as per Architects design) wooden moulding with mellamine shall be provided to the edge of the top. The top of the counter and all other external surfaces to be finished in 1.0 mm. thk. Laminate of approved shade & make. The Running Counter should also be provided with- 1no. Computer key board tray (either ready made / made to the order as per architects design using 3/4" thk comm ply base and 1" x 2" round edged moulding on the front fixed with telescopic/double(Hafele/ebco make) approved sliders) , 1no. pedestal(Modular Type) of size 392mm(L)x 450mm(D) x 680mm(H), either fixed or on castors . The pedestal/ drawer unit shall consist of two numbers of drawers and one filing box mounted on ebco/ haffle/ hettick make metal telescopic channel on either sides. It shall be provided with central lock mechanism with keys and handles of ebco/ haffle/ hettich make in the front to facilitate opening and closing of drawers .Drawers shall be made of 12mm ply finished with laminate outside & wood lipping, mounted on drawer slides. Rates should include all hardware like castors,</p> | | | | |
| iv | <p>L-TYPE WORKSTATION WITH SIDE CADENZA OF OVERALL SIZE 1500 MM X 1500 MM</p> <p>MAIN TABLE- 1500MM X 600MM</p> <p>SIDE TABLE - 900MM X 450MM</p> | NOS | 20 | | |
| | <p>Providing and laying a L-Type Workstation counter with side cadenza along with key board tray , Wire manager, CPU Trolley & Foot Rest of overall size as mentioned above and supported on 19mm thk plywood on three sides . It shall consist of 3/4" thk. Comm. Ply top as per design (with 1 1/2" thk half round moulding on the edges) supported on 3/4" thk. Comm. Ply verticals at sides and at back. The top of the counter and all other external surfaces to be finished in 1.0 mm. thk. Laminate and all inner surfaces should be finished with 0.80mm thk laminate of balancing shade in white colour, of approved shade & make. Each Workstation should also be provided with- 1no. Computer key board tray (either ready made / made to the order as per architects design using 3/4" thk comm ply base and 1" x 2" round edged moulding on the front fixed with telescopic/double(Hafele/ebco make) approved sliders) ,. It shall consists of side cadenza of size 900mm x 450mm, comprising of 2 Nos 6" high drawer with locks, along the length of 900mm (3'-0") and shutter below with lock, all made with 18/19 mm thk plywood finished with 1.0mm thk laminate on all outer surfaces and 0.80mm thk balancing laminate of white colour on all inner surfaces. Rates should include all hardware like hinges, ballcatches, fully extendable drawer slides, locks, handles, magnets etc., of approved make. All exposed edges to have</p> | | | | |
| v | <p>GENERAL MANAGER'S TABLE- Overall size : 7-6" x 3'- 6" IN VENEER FINISH</p> | NOS | 1 | | |
| | <p>Supply and fixing of Chairman's table with top made up of 25mm thk ply and finished with 4.0mm thk veener in mellamine polish of approved shade and make on top as approved by the architect and wooden beading/ moulding all round melamine polished. The table to include pedestal with two pencil drawers of 100mm deep & a file shutter of 450mm, wire manager, an keyboard tray, CPU trolley. The works to include all hardware like castors, brass hinges, ballcatches, fully extendable drawer slides, locks, handles etc. of approved make.Locks to be of single control type. The front apron of the table shall be fixed with 8mm thk acrylic sheet fixed on 4 nos S.S Studs as per design and as directed by the architect. The clear acrylic sheet on the front apron of the table to be fixed with coloured logo of the bank as per design and size. All exposed surfaces to be finished with 4.0mm thk veener in mellamine polish of approved shade and make and all inner surfaces including the inner surfaces of the drawers and side cadenza should be finished with 0.80mm thk balancing laminate of plain ivory colour in matte finish. Rates shall also be inclusive of 12 mm thk clear glass with bevelled edges on all sides to be placed on the table top. All</p> | | | | |
| vi | <p>DY. GENERAL MANAGER'S TABLE- Overall size : 7-0" x 3'- 6" IN VENEER FINISH</p> | NOS | 2 | | |

| | | | | | |
|------|--|-----|----|--|--|
| | Supply and fixing of Chairman's table with top made up of 25mm thk ply and finished with 4.0mm thk veneer in mellamine polish of approved shade and make on top as approved by the architect and wooden beading/ moulding all round melamine polished. The table to include pedestal with two pencil drawers of 100mm deep & a file shutter of 450mm, wire manager, an keyboard tray, CPU trolley. The works to include all hardware like castors, brass hinges, ballcatches, fully extendable drawer slides, locks, handles etc. of approved make. Locks to be of single control type. The front apron of the table shall be fixed with 8mm thk acrylic sheet fixed on 4 nos S.S Studs as per design and as directed by the architect. The clear acrylic sheet on the front apron of the table to be fixed with coloured logo of the bank as per design and size. All exposed surfaces to be finished with 4.0mm thk veneer in mellamine polish of approved shade and make and all inner surfaces including the inner surfaces of the drawers and side cadenza should be finished with 0.80mm thk balancing laminate of plain ivory colour in matte finish. Rates shall also be inclusive of 12 mm thk clear glass with bevelled edges on all sides to be placed on the table top. <i>All</i> | | | | |
| vii | ASST. GENERAL MANAGER'S TABLE- Overall size : 6'-0" x 3'- 0" IN VEENERED WOOD LAMINATE FINISH | NOS | 3 | | |
| | Supply and fixing of table with top made up of 19mm thk ply finished with laminate of 1.0mm thk on top as approved by the architect and wooden beading/ moulding all round melamine polished. The table to include two pencil drawers of 100mm deep & a file shutter of 450mm, a wire manager, a keyboard tray and 250mm wide CPU trolley. The works to include all hardware like castors, brass hinges, ballcatches, fully extendable drawer slides, locks, handles etc. of approved make. Locks to be of single control type. All exposed edges to have wooden lipping stained to match the desk and melamine finished. Design and detail of the table shall be as per Architects design. All the visible external surface to be with 1.0mm thk veneered wood laminate of approved shade and make and all inner surfaces should be finished with 0.80mm thk laminate of balancing | | | | |
| viii | CHIEF MANAGER'S TABLE- Overall size : 5'-6" x 2'- 6" IN LAMINATE FINISH | NOS | 7 | | |
| | Supply and fixing of table with top made up of 19mm thk ply finished with laminate of 1.0mm thk on top as approved by the architect and wooden beading/ moulding all round melamine polished. The table to include two pencil drawers of 100mm deep & a file shutter of 450mm, a wire manager, a keyboard tray and 250mm wide CPU trolley. The works to include all hardware like castors, brass hinges, ballcatches, fully extendable drawer slides, locks, handles etc. of approved make. Locks to be of single control type. All exposed edges to have wooden lipping stained to match the desk and melamine finished. Design and detail of the table shall be as per Architects design. All the visible external surface to be with 1.0mm thk laminate of approved shade and make and all inner surfaces should be finished with 0.80mm thk laminate of balancing laminate in white | | | | |
| ix | SIDE CADENZA- OVERALL SIZE 3'-3"-3'-6" X 1'-3" X 2'-6" | | | | |
| | Providing and laying side cadenza of above sizes and as mentioned in the drawing. It shall consist of 3/4" thk plywood top, side and bases and 1/4" thk back. The edges on th top shall be provided with suitable (as per architect's design) wooden moulding with melamine finish. A pair of 3/4" wood shutters will be provided which will slide on 1" x1" wooden battens above skirting. 1" a3/8" deep vertical depression shall be made on each shutters to act as handle as shown in the drawing. All external surfaces should be finished in 1.0mm laminate / veneer of approved shade and make. A 3/4" thk fixed ply wood shelf on battens shall be provided at 16" intervals from the base. Rates shall be inclusive of necessary approved fittings like sliding rollers, locks, tower bolts and any other misc. hardware items | | | | |
| a | IN LAMINATE FINISH -OVERALL SIZE 3'-6" X 1'-6" X 2'-6" | NOS | 7 | | |
| b | IN VEENERED WOOD LAMINATE FINISH -OVERALL SIZE 3'-6" X 1'-6" X 2'-6" | NOS | 3 | | |
| c | IN VEENER FINISH - OVERALL SIZE 4'-0" X 1'-6" X 2'-6" | NOS | 3 | | |
| x | LUNCH PLATFORM (1' 6" WIDE) IN CORIAN FINISH | RFT | 21 | | |
| | Providing and laying platform of 1'3" to 1'6" width (Clear width) and at 3 '6" height (finished top level) from floor of approved 6mm thick CORIAN with bull nosed edges. It shall be laid on BWR ply wood 19mm thick supported on Steel L angle bracket. The plat form should be cantilevered from the wall as shown in the drawing. 9" wide 19 mm thick BWR ply wood to be provided below the entire lunch counter for tiffin and kitchen items. The ply surface to be painted with enamel paint after applying putty. | | | | |

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|----------|--|-------|------|--|--|
| F | FALSE CEILING & POP WORKS | | | | |
| i | FALSE CEILING IN PLY WITH PAINT FINISH (PAINTING WILL BE MEASURED SEPARATELY) | S.FT. | 132 | | |
| | Providing and fixing 12mm ply with necessary support from ceiling of 2"x2" Sal wood members provided at 2'-0" c/c and finished with paint of approved shade, with necessary primer etc. as per the approved design. (Painting will be measured separately) | | | | |
| ii | FALSE CEILING IN PLYWOOD AND FINISHED WITH LAMINATE FINISH | S.FT. | 184 | | |
| | Providing and fixing wooden ceiling with 12mm ply and necessary support from ceiling of 2"x1" Sal wood members provided at 2'-0" c/c as per design and as directed by the Engineer-in-charge/ architect | | | | |
| iii | FALSE CEILING IN PLY WITH VENEER IN MELLAMINE POLISH | S.FT. | 438 | | |
| | Providing and fixing 12mm ply with necessary support from ceiling of 2"x1" Sal wood members provided at 2'-0" c/c and finished in veneer with mellamine polish of approved shade. | | | | |
| iv | FALSE CEILING - GYP BOARD | S.FT. | 3980 | | |
| | Providing and fixing Gypsum false ceiling comprising of the following: | | | | |
| | Framework: GI channel framework in 24 to 26 gauge. The perimeter channel will be GI channel having one flange of 20mm and the other 30mm and web 27mm along the perimeter of the ceiling. It shall be screw fixed to brick wall / partition with the help of rawl plug of dimension 38mmx12mm dia fixed into the soffit at 610mm centres. The intermediate channels of size 45mmx0.9mm thick with flanges of size 15mm each shall be suspended from ceiling using angle of size 25mmx10mmx0.55mm spaced not more than 1220mm c/c which are fixed to soffit with GI 27mmx37mmx25mmx1.6mm cleat and steel expansion fasteners. Ceiling section of 0.55mm thickness having curled web of 80mm and flanges of 26mm are fixed to intermediate channel with the help of connecting clip of | | | | |
| | Ceiling Board: Gypsum board false ceiling of India Gypsum make - Plain Gypboard: Milky white colour of 12.5mm thickness shall be fixed to the ceiling section using 3.5x25mm corrosion resistant self-tapping zinc plated dry wall screw at 230mm centres. | | | | |
| | No additional load like light fittings etc. shall be directly put on the ceiling frame. Separate suspension system shall be adopted for the same. | | | | |
| | NOTE: The rate shall be inclusive of vertical drops/ bands upto 6-8" and provision for core lighting, small moulding, verticals in two levels, 18.75mm x 12.5mm grooves on the edges, cutouts for cove lights and AC grills. | | | | |
| | Note Only the plan area will be measured for payment. No Extra payment will be made for Grooves, Cutouts, Mouldings etc.) | | | | |
| v | 2' X 2' GRID CEILING- DUNE MAX MICROLOOK of, SILHOUETTE series of Knauff Armstrong make | S.FT. | 2520 | | |
| | Providing & fixing in position Acoustical Ceiling tiles of Armstrong -DUNE MAX MICROLOOK or approved equivalent make, SILHOUETTE series , in true horizontal level suspended on inter locking Grid system using hot dipped galvanized steel section, entire surface prefinished in baked polyester paint, rotary stitched double-web construction main Beam tee of size 42x15mm - 6mm reveal at every 600mm c/c maximum and double rotary stitched cross tee of size 42x15mm - 6mm reveal at every 600mm. c/c and Shadow moulding of size 19mm X 7mm X 7mm X 14mm fixed to periphery of the wall. The tiles and grid system to be used as follows: | | | | |
| | TILE SIZE: 600mm X 600mm X 15mm | | | | |
| | EDGE : DUNE MICROLOOK | | | | |
| | FRAME WORK & INSTALLATION - silhouette section | | | | |
| | Frame work to consist of: | | | | |
| | Main Runner spaced at 600 mm center, fixed to the roof at every 1200mm c/c by using 2.0 mm thick pre-straightened GI wire. First and last hanger should not be at a distance more than 450mm from the adjacent wall. | | | | |
| | 600mm x 600mm module to be formed by fixing 600mm Cross Tee between center of Main Runner. | | | | |
| | Shadow moulding to be secured to wall at 450mm centers. Installation to be done as per approved Manufacturer's specification. | | | | |
| G | POP PUNNING, WALL PUTTY & PAINTING WORKS | | | | |
| i | POP PUNNING FOR GYPSUM CEILING | S.FT. | 4350 | | |

| | | | | | |
|-----|--|-------|------|--|--|
| | Providing and applying POP Punning on Gypsum Ciling (average 6mm thk). The rate shall include scrapping, levelling and preparing the surface. The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the windows and door frames. If the average thickness is found to be 4mm or less than POP will be considered as a putti finish and the rate shall be 50% of the quoted rate | | | | |
| ii | WALL PUTTY ONLY IN HALL AND CUSTOMER AREAS | S.FT. | 4000 | | |
| | Providing and applying Wall Putty on walls and columns (average 12mm thk). The rate shall include scrapping, levelling and preparing the surface. The rate shall be inclusive of all types of grooves above the skirting, around the window and door frames. <u>If the average thickness is found to 8mm-6mm or less, then Wall Putty will be considered as putti finish - at the rate of - 50% the quoted rate (Make: Birla / Asian / Berger)</u> | | | | |
| iii | PLASTIC EMULSION ON GYPSUM CEILING | S.FT. | 4350 | | |
| | Providing & applying plastic emulsion paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make , quality & finish shall be provided. | | | | |
| iv | LUSTRE PAINT ON WALLS | S.FT. | 4000 | | |
| | Providing & applying Luster Paint on walls, columns & ceilings. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats to get evenly spread quality finish (roller finish) of approved make, quality & shade shall be provided. | | | | |
| v | ENAMEL PAINT IN EXISTING ROLLING SHUTTER, WINDOW GRILLS & OTHER M.S WORKS | S.FT. | 340 | | |
| | Providing & applying 1 st quality oil paint of approved make, quality & shade. The rate shall include scrapping, levelling & preparing the surface with primer quote. | | | | |
| vi | DISTEMPER PAINTS FOR WALLS (TOILETS, STORE, UPS AND STRONG ROOM) | S.FT. | 3200 | | |
| | Providing and applying Distemper paint on walls , columns & ceilings. The rates shall include scrapping, levelling & preparing the surface. Primer coat +(MINIMUM) 3 coats to get evenly spread quality finish(roller Finish) of approved make, quality and finish shall be provided.Note- Rates shall also include - filling up the cracks in the wall & ceilings, making good surface . | | | | |
| vii | TEXTURED PAINT | S.FT. | 125 | | |
| | Providing & applying a coat of textured finish on walls and columns. The rate shall include scrapping, levelling & preparing the surface. Primer coat + (minimum) 3 coats of approved make, quality & shade shall be provided. | | | | |
| H | ROLLER BLINDS, VERTICAL BLINDS, FILM etc. | | | | |
| i | VERTICAL BLINDS | S.FT. | 488 | | |
| | Supplying and Fixing VERTICAL BLINDS Vista/Mac/Parytex make. Blinds made using 100% polyester with acrylic polymer coating, of the shade and colour as approved by the Arcitect/ Bank ffficial(only for external windows. In case of using blinds on any internal partition, prior approval from the Architect/ Bank should be obtained otherwise tne payment for the same quantities shall not be considered) | | | | |
| ii | ROLLER BLINDS- | S.FT. | 322 | | |
| | Providing and fixing of Vista or Equivalent Roller Blinds having openness factor 3%, Weighted composition 75% PVC,25% Polyester with fabric thickness 0.6 to 0.7mm, 250cm of maximum width at 470 gsm(+ or - 5%) fabric weight conforming to the Fire resistance NFPA 701,BS 5867 part - 2 type A, with required colour fastness to light grade of 6 & UV Blockage up to 97% and Hardware consist of Control unit, Idler, Head rail, Roller tube, Bottom rail, Operating chain and Fixing brackets & clamps complete as per the hardware specifications as described below .The cost inclusive of supply,transport and fixing of Roller Blinds all complete making good to window /opening as per the directions of Engineer-In-Charge. The detailed item specifications are as under- | | | | |
| | Control unit: The Control unit is made of high strength reinforced plastic. The clutch is of wrap spring design. High carbon steel springs are provided to transmit motion from driving to driven members of clutch Mechanism. Clutch is operated directionally by the use of endless beaded chain. Clutch never needs any Adjustment. | | | | |

| | | | | | |
|-----|--|-------|------|--|--|
| | Idler: Idler is of high strength reinforced plastic, consisting of a center shaft. The idler is mounted on the Bracket by using a plastic lock. The metal sleeve inside the plastic lock provides bearing surface for the Center shaft, which rotates freely, providing smooth, quiet and long wearing operation. | | | | |
| | Roller tube: It is an anodized extruded tube of high strength alloy. Control unit and Idler are fixed to the either ends of the tube. The fabric of the blind is fitted to the tube with heavy duty adhesive tape. | | | | |
| | Bottom rail: It is an aluminum extruded rail with a groove for fixing the fabric and power coated in white. It is fixed to the bottom of the fabric and the purpose of it is, to keep the fabric in tension and straight. The fabric is fitted to the tube using plastic insert. The end caps of the tube are ABS. | | | | |
| | Operating chain: This is made of 4.5mm plastic beads molded on 2.2mm thick polyester chord. The pitch of the beads is 5mm. The chain drives the sprockets of the control unit to close and open the blind. The pitch of the chain corresponds to the sprocket in perfect match for trouble free operation. | | | | |
| | Fixing brackets & clamps: These are used to fix the blind to the wall or ceiling. 'L' bracket is made of mild steel and zinc plated. The clamp is made up of spring steel of thickness 0.7mm and zinc plated. | | | | |
| | Roller tube : It is Aluminum alloy Extruded grooved tube, which is anodized. Size- 32mm- O.D.; weight - 0.27 kg/mtr / Size- 38mm- O.D.; weight - 0.38 kg/mtr Alloy & temp- 6063-T6 Fabric is fitted on the tube with double sided tape. | | | | |
| | Bottom Rail : Extruded Aluminum grooved section- powder coated in white, Size:21mm O.D. Alloy-HE9WP, Weight-0.28 Kg/mtr. Fabric is fitted to the bottom rail with plastic insert. Bottom rail end cap- made of ABS ,Bottom Rail: Extruded Aluminum grooved section- powder coated in white, Size:21mm O.D., Alloy-HE9WP, Weight-0.28 Kg/mtr. Fabric is fitted to the bottom rail with plastic insert. Bottom rail end cap- made of ABS. | | | | |
| J | MISC. ITEMS | | | | |
| i | COLOURED VINYL FILIM OVER WALLS/ PILLARS/ PARTITIONS | SFT | 28 | | |
| | Supplying and Fixing coloured flex/ Wall paper/ Film of approved shade, pattern and design as approved by the architect (shades to be selected from shutterstock.com) on finished walls/ partitions/ceilings/pannelling, as directed by the architect with approved make of adhesive. | | | | |
| ii | WOODEN FLOORING AT ZONAL MANAGER'S , DGM'S CABIN & WAITING AREA | S.FT. | 1340 | | |
| | Providing and fixing Real Wood Floors of Shade- OAK NATURE/ OAK RADIANT of Mikasa ATMOS/EICHE From Greenlam Industries Ltd, Thickness: 10mm and plank dimensions size 1200mm X 125 mm X 10mm as per design and as directed by the architect, with veener thickness upto 0.60mm and core material being High Density Fibre Board in brushed/ matt finish, having a 10 years warranty on the use. The product should comply to EN14354. The Board should be constructed in 3 layers in order to minimise expansion and contraction with in the floor boards and the direction of the fibres within each layers should be oriented in such a manner that each layer is aligned at an angle of 90 degree with the other. It should fulfill the classification of Class G as per the fire classification. The Quoted Rate Shall be inclusive of 4"-6" High Skirting with the same material on all sides in Walls & Partitions without any extra cost. For Payment only the Floor Area Shall be Measured | | | | |
| | <u>Note- Contractor Has to submit the Hard Copy of Certificate for 10years Warranty from Greenlam Industries to the Office alongwith the Final Bill and a Copy of the same to the Architect otherwise the Bill for this item shall not be considered</u> | | | | |
| iii | LAMINATED WOODEN FLOORING IN WAITING AREA | S.FT. | 900 | | |

| | | | | | |
|----------|---|-------|----|--|--|
| | Providing and fixing minimum 11mm thick AC VI grade laminated wooden flooring suitable for commercial-heavy use areas like auditorium application of approved make, shade and pattern. The top surface shall have a 0.60 mm thick multi layer high pressure laminate fixed over moisture resistant high density fiberboard substrate. The planks shall be of size 1200 mm x 200/125 mm. The flooring shall confirm to EN 438, EN 717-1, EN 13501-1, EN-1815, JIS Z 2801:2000 standards. The planks shall be placed on an underlay of 0.2 mm thick alkali resistant Polyethylene sheet having density 920-935 kg/ m3 to resist moisture from the sub floor and to secure the floor installation etc all complete. (Skirting profiles, trims etc shall be included & not paid extra) as per direction of E-I-C. | | | | |
| iv | COLOURED ACRYLIC SHEET LOGO OF THE BANK, BACK LIT | | | | |
| | Supplying , fabricating and installation of Canara Bank's Logo of 2 Nos of Triangle (Blue and Yellow Colour) made of coloured acrylic sheet 5-6mm thk in box section, and as per the sizes as mentioned in the detailed drawings . This Coloured Acrylic sheet box logo should be fixed with strip light fitted from inside , as per the direction of the architect. | | | | |
| i | OVERALL SIZE 750MM X 750MM | NOS | 4 | | |
| ii | OVERALL ZIZE 450MM X 450 MM | NOS | 6 | | |
| v | RAISED FLOORING/ PLATFORM IN PLYWOOD AS INDOOR GARDEN | SFT | 32 | | |
| | Fabricating & Erecting 6"-8" high raise platform/ Floor as indoor garden space , made with 19mm thk plywood and finished with 1.0mm thk laminate of approved shade and make in approved shape as per design and as directed by the architect. | | | | |
| vi | PIN-UP BOARDS | S.FT. | 24 | | |
| | Providing and fixing pinup boards. It consist 12mm thick soft boards of good density to be mounted over 12mm thick BWP. ply. The soft board will be covered with a plain fabric (appox Rs.250 /Rmts. of Dark Blue Colour) from front and edges. Suitable steam beach moulding 25mm x 25mm size to be fixed on all four sides and will be finished in melamine | | | | |
| | Note : Only soft bordrs provided on other than the partitions will be measured and soft board made in the partitions will be the part of the partition measurement (rate) and not consider separately. | | | | |
| A | TOTAL OF CARPENTRY WORKS | | | | |

ESTIMATED BOQ FOR CIVIL & PLUMBING WORKS OF BOB'S ZONAL OFFICE FOR NORTH EASTERN STATES ON 2ND FLOOR OF SETHI

PART B:- CIVIL & PLUMBING WORKS

| SR.NO | DESCRIPTION | UNIT | QTY. | RATE | AMOUNT |
|-----------|---|-------|------|------|--------|
| A | INTERNAL CIVIL SCOPE OF WORKS | | | | |
| I | WATER PROOFING | S.FT | 470 | | |
| a. | Providing & laying water proofing treatment, by applying cement slurry mixed with water proofing cement compound consisting of applying (a) first layer of slurry of cement @ 0.488 kg/ sq.m mixed with water proofing cement compound @ 0.253 kg/ Sq.m. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @0.242 kg/ Sq.m mixed with water proofing cement compound @ 0.126 kg/ Sq.m. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate include, preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry etc. complete. | | | | |
| II | FLOORING / SKIRTING / CLADDING WORKS | | | | |
| 1 | CERAMIC TILE FLOORING | S.FT. | 500 | | |
| | Providing and fixing 12" x 12" Ceramic Tiles of approved make, quality & shade and pattern as shown in the drawing. In CM 1:4 in proper line and level. Rate shall be inclusive of providing and laying necessary PCC and Cement Mortar for a thickness of 3" and joint filling compound of the same shade of the tiles. | | | | |
| 2 | VITRIFIED TILE DADO | S.FT. | 800 | | |
| | Providing and fixing 24" x 24" approved quality, make & shade of VITRIFIED tiles as per pattern for dado from FFL using CM 1:4 in proper line and level. The rate shall include necessary backing material, water proofing and joint filling compound of the same shade as that of the tiles. All sanitary fittings shall be located on the joints or junctions of the tiles. | | | | |
| 3 | GLAZED TILE DADO | S.FT. | 700 | | |
| | Providing and fixing 12" x 8" approved plain shade of Glazed tiles as per pattern for dado from FFL using CM 1:4 in proper line and level as directed by the Bank / Architect as shown in the drawings. The rate shall include necessary backing material, nosing for edges, waterproofing and joint filling compound of the same shade as that of the ceramic tiles. All sanitary fittings shall be located on the joints or junctions of the tiles. | | | | |
| 4 | PANTRY PLATFORM IN JET BLACK (WITH SINK & COCK) | R.FT. | 16.5 | | |
| | Providing and laying platform of 2'-0" width (clear) and at 2'-8" height (top) above FFL of approved 20 mm thick granite with bull nosed edges. It shall be supported on RCC slab with vertical brick wall supports. A 2" granite fascia should be provided below the bull nosed edge of granite platform. Rate shall be inclusive of making cutouts and polishing the edges for 18" x 18" S. S. Nirali sink without drain board (medium) or equivalent make). A flexible pipe from sink to the nahn trap shall be provided. Rate shall also include one jaguar continental C P SWAN NECK TAP with swinging casted spout (no. 347). | | | | |
| 5 | WASH BASIN COUNTER (2'-0" WIDE) JET BLACK | R.FT. | 39 | | |
| | Providing and laying Wash Basin counter of 2'-0" width (clear) and at 2'-8" height (top) above ffl. made with 18/19 mm thk wpc board on top and in understructure as per design including a 6" high drawer and double leaf shutter below with magnetic catch, all made with 18/19mm thk WPC board and finished with 1.0mm thl laminate of approved shade in approved pattern. The drawer shall slide on 2 nos telescopic channel of Haffle/ Hettich make of 18" length. The drawer and the shutter below should be fitted with 6" long C- Shaped S.S. Handle. The counter top should be finished with 18/20mm thk Granite (Jet Black) in approved pattern. It shall be supported on wall as shown in the drg. Rate shall include the profile cutting and fixing of below counter wash basin and polishing the exposed edges of Granite. A 2" granite fascia shall be provided below the nosed edge. | | | | |
| 6 | WASH BASIN COUNTER (2'-0" WIDE) IN 12MM THK CORIAN | R.FT. | | | |

| | | | | | |
|-----|---|--------|-----|--|--|
| | Providing and laying Wash Basin counter of 2'-0" width (clear) and at 2'-8" height (top) above ffl. made with 18/19 mm thk wpc board on top and in understructure as per design including a 6" high drawer and double leaf shutter below with magnetic catch, all made with 18/19mm thk WPC board and finished with 1.0mm thl laminate of approved shade in approved pattern. The drawer shall slide on 2 nos telescopic channel of Haffle/ Hettich make of 18" length. The drawer and the shutter below should be fitted with 6" long C- Shaped S.S. Handle. The counter should be finished & banded at sides & edges with 12mm thk bendable type Solid Surface (CORIAN) of approved colour other than plain white and as per the colour and shade as approved by the Architect, having Basic rate @ 110/ sft. It shall be supported on wall as shown in the drg. Rate shall include the profile cutting and fixing of below counter wash basin and polishing the exposed edges of Solid Surfaces. A 2" Corian | | | | |
| 7 | GRANITE FRAMES TO TOILET / PANTRY DOORS | R.F.T. | 0 | | |
| | Providing & fixing 3/4" thk Granite for door frames in vertical jambs & soffit, with outer part of 4" width and inner part of 2" width fixed on walls with a difference of 1/2" for door shutter, including machine polish on exposed edges and rounding of corners, necessary backing material, and joint filling compound of same shade of Granite. | | | | |
| III | PLUMBING & SANITARY FITTINGS | | | | |
| 1 | 15mm DIA C.P.V.C. PIPE | R.F.T. | 380 | | |
| | Providing & fixing 15mm dia CPVC pipes for distribution in toilets / pantry including chase cutting, chase filling. The rate shall include all accessories like tees, unions, elbows, bends etc. required to make the system operational and complete. | | | | |
| 2 | 32mm DIA C.P.V.C PIPE | R.F.T. | 90 | | |
| | Providing & fixing 32 mm C.P.V.C pipes for distribution in toilets / pantry including chase cutting, chase filling. The rate shall include all accessories like tees, unions, elbows, bends etc. required to make the system operational & complete. | | | | |
| 3 | DRAINAGE | | | | |
| | Providing & fixing PVC pipes of supreme/prince make or equivalent in position of required size with special fittings, traps, bends, ys, floor & nahni traps etc. Including chemical sealed joints as required at site making necessary connections with existing lines for w.c. & waste water lines, chambers to be constructed wherever necessary, unused lines for w.c. & waste water to be removed, the rate shall include all incidental work, cutting & making good walls & floors etc. Complete. Please visit the site for inspection. | | | | |
| a | 3" | RFT | 60 | | |
| b | 4" | RFT | 88 | | |
| 4 | GULLY TRAP | Nos | 0 | | |
| 5 | Inspection Chambers | No | 0 | | |
| 6 | SANITARY FIXTURES OF JAQUAR MAKE | | | | |
| | Providing & fixing following fixtures, the rate for the following shall be inclusive of all necessary fixtures, labour charges accessories & attachments to make then operational. | | | | |
| i | EWC (For GM & DGM's Toilet)- RIMLESS BLIND INSTALLATION WALL HUNG WC WITH UF SOFT CLOSE SLIM SEAT COVER HINGES ACCESSORIES SET SIZE : 360X500X330 MM, Having <u>Cat No. KUSWHT- 35953BIUFSM</u> | Nos | 3 | | |
| ii | EWC (For Common & Executive Toilet) - RIMLESS WALL HUNG WC WITH UF SOFT CLOSE SLIM SEAT COVER HINGES ACCESSORIES SET SIZE: 380X515X360 MM , Having <u>CNS WHT- 963UFSM</u> | Nos | 6 | | |
| iii | SINGLE PIECE SLIM CONCEALED CISTERN BODY WITH INSTALLATION KIT (WITHOUT FLUSH CONTROL PLATE), Having <u>Cat No. JCS-WHT-2400</u> (For all Toilet) | No | 9 | | |
| iv | FLUSH CONTROL PLATE KUBIX, Having <u>Cat No. JCP-CHR-352415</u> (For GM & DGM's Toilet) | No | 3 | | |
| v | FLUSH CONTROL PLATE KUBIX, Having <u>Cat No. JJCP-CHR-2415</u> (For Common & Executive Toilet) | No | 6 | | |

| | | | | | |
|----------|--|----|----|--|--|
| vi | WASH BASIN - THIN RIM TABLE TOP BASIN SIZE:530X420X140 MM SHAPE -RECTANGULAR, Having <u>Cat No. JDS-WHT-25907N</u> (For GM & DGM's Toilet) | No | 3 | | |
| vii | WASH BASIN - THIN RIM TABLE TOP BASIN SIZE:495X395X150 MM SHAPE -RECTANGULAR , Having <u>Cat No. JDS-WHT-25909</u> (For Common & Executive Toilet) | No | 11 | | |
| viii | WASH BASIN FAUCET- KUBIX PRIME TALL BOY SENSOR FAUCET FOR WASH BASIN (BATTERY OPERATED) , Having <u>Cat No.SNR CHR-35017PM</u> (For GM & DGM's Toilet) | No | 3 | | |
| ix | WASH BASIN FAUCET-BLUSH TALL BOY DECK MOUNTED SENSOR FAUCET WITH CONTROL BOX (BATTERY OPERATED) , Having <u>Cat No.SNR-CHR-51449</u> (For Common & Executive | No | 11 | | |
| x | BOTTLE TRAP (WITH INTERNAL PARTITION) 32MM SIZE WITH 300MM & 190MM LONG WALL CONNECTION PIPES & WALL FLANGE , Having <u>Cat No. ALD-CHR-769L300X190</u> (For all Toilet) | No | 14 | | |
| xi | ANGULAR STOP COCK WITH WALL FLANGE Having <u>Cat No. FLP-CHR-5053PM</u> (For all Toilet) (Including 2 each for geyzer in GM & DGM toilet) | No | 22 | | |
| xii | 2 WAY BIB COCK WITH WALL FLANGE, Having <u>Cat No.KUP CHR-35041PM</u> (For GM & DGM's Toilet) | No | 3 | | |
| xiii | 2 WAY BIB COCK WITH WALL FLANGE, Having <u>Cat No. FLP-CHR-5041PM</u> (For Common & Executive Toilet) | No | 6 | | |
| xiv | HAND SHOWER (HEALTH FAUCET) WITH 8MM DIA 1 METER LONG FLEXIBLE TUBE AND WALL HOOK , Having <u>Cat No.ALD-CHR-573</u> (For all Toilet) | No | 9 | | |
| xv | URINAL (BACK INLET) WITH FIXING ACCESSORIES SIZE: 385X325X635 MM Having <u>Cat No.URS-WHT-13253N</u> (For all toilets) | No | 6 | | |
| xvi | SENSOR CONCEALED TYPE FLUSHING VALVE FOR URINAL COMPLETE SET WITH INSTALLATION BOX WITH CONTROL COCK (BATTERY OPERATED) , Having Cat No. <u>SNR-STL-51087</u> (For all toilets) | No | 6 | | |
| xvii | SOAP DISPENSER WITH GLASS BOTTLE, Having Cat No. <u>ACN-CHR-1135N</u> (For all toilets) | No | 14 | | |
| xviii | SOAP DISH HOLDER , Having Cat No. <u>ACN-CHR-1131N</u> (For GM & DGM's Toilet) | No | 3 | | |
| xix | TOWEL RING SQUARE , Having Cat No. <u>ACN-CHR-1121N</u> (For all toilets) | No | 14 | | |
| xx | SINGLE TOWEL RAIL 600MM LONG STAINLESS STEEL, Having Cat No. <u>ACN-CHR-1111SM</u> (For GM & Executive Toilet DGM's Toilet) | No | 4 | | |
| xxi | TOILET ROLL HOLDER , Having Cat <u>No.ACN-CHR-1151N</u> (For all toilets) | No | 9 | | |
| xxii | TWIN ROBE HOOK- CP BRASS Double Coat Hook , Having Cat No. <u>AKP 35761P</u> (For all toilets) | No | 9 | | |
| xxiii | SINK COCK- Supply & Fixing 15mm size CP brass table mounted Sink single lever sink mixer with swinging spout with 450 mm long braided hoses and necessary fittings etc. complete, Having Cat No. <u>ARI 39173B</u> | No | 1 | | |
| xxiv | GLASS URINAL PARTITION- Supplying and fixing 8mm thk Curved shaped urinal partition with frosted glass with 2 Nos S.S patch & screws of overall size 900mm x 450mm, Having Cat No. <u>JSE-CHR-110UC450X</u> | No | 6 | | |
| 7 | ACCESSORIES | | 0 | | |
| i | S.S Sink- Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : Kitchen sink with drain board, of overall size 750 x 580 mm bowl depth 200 mm | No | 1 | | |

| | | | | | |
|-----------|--|------|----|--|--|
| ii | Supplying & fixing 100 mm (4") fixing NAHANI TRAP (Supreme or equivalent) of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors: and connecting it to the existing waste pipes outside. Rate should include cost of removing the existing trap, embedding in plain cement concrete all around in perfect level all complete as directed. | No | 12 | | |
| iii | Supplying & fixing box shape stainless steel heavy type grating 125 to 150 mm for traps etc. all complete as directed by Bank's engineer.. | No | 12 | | |
| iv | S.STEEL TOILET SIGNAGES (4" x 4") | NOS. | 6 | | |
| v | TOILET CUBICLE | | | | |
| | Providing & fixing Toilet Cubicle of approved make and of below mentioned dimensions including door of 600mm wide, made of heat, bacteria, water, chemical, scratch, impact and anti bacterial resistant 18mm thick solid compact laminate panels tested by certified research institute. Finish of the compact laminate should be raw silk or as directed by the architect/ EIC which includes doors, pilasters & intermediate panels finished with approved texture/shade as per the detail drawings & as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 standard. The product should have Green Guard Certificate. This also includes providing and fixing in position necessary hardware made out of Stainless steel (Grade 304) as per manufacturer's specifications & Architects instructions like (1) Door Knob, (2) Gravity Hinges, (3) Thumb turn lockset indicators, (4) Coat hooks, (5) U-Channels, (6) SS-Shoe Box Plate (7) MS-Base Plate, (8) Rubber noise deafening tape (9) Screws & wall | | | | |
| | SIZE- 1050-1200 MM X 1200- 1350 MM | Each | 5 | | |
| IV | STEEL FABRICATION WORKS | | | | |
| 1 | ROLLING SHUTTER | | 0 | | |
| a. | NEW SHUTTERS (Middle 1/3 Grill) (WITH RED OXIDE & PAINT FINISH) | | 0 | | |
| | USING 18 GAUGE SHEETS | S.FT | 78 | | |
| | USING 22 GAUGE SHEETS | S.FT | 0 | | |
| | Providing & fixing M. S. Rolling shutters (18/22 gauge sheets) for the facade openings (middle 1/3rd grill). Rate shall include all necessary locking arrangements. 2 coats of anti rust paint to be provided for the shutters. | | 0 | | |
| B | TOTAL FOR CIVIL & PLUMBING WORKS | | | | |

BOQ FOR ELECTRICAL WORKS OF BOB'S ZONAL OFFICE FOR NORTH EASTER STATES

AT SETHI TRUST BUILDING, BHANGAGARH, GUWAHATI, ASSAM

GENERAL NOTE

| | |
|---|--|
| 1 | UPS input and Output wiring should be done with FRLS Insulated stranded copper conductor laid through M.S Conduict. (From input DB to UPS and from UPS Output to UPS Output DB) |
| 2 | All wires for circuit wiring and other wiring should be drawn inside M. S. Conduits Only unless otherwise specified |
| 3 | Specifications of all wires should be followed strictly as mentioned in the BOQ |
| 4 | All makes of materials should be strictly followed as mentioned in the detailed specifications of the Tender document |
| 5 | Earthing Test Certificate should be provided alongwith the Final bill for further bill verification |
| 6 | Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all complete should be submitted with the Final Bill |
| 7 | Only DATA and Voice point wiring is allowed to be carried out through MS Conduits |

PART C :- ELECTRICAL WORKS

| SI. No | Description | Unit | Qty | Rate | Amount |
|------------------|---|------|-----|------|--------|
| SECTION-A | | | | | |
| I | MAIN LT PANEL | | | | |
| 1.1 | Supplying and installation of metal enclosed wall/ floor mounted front operated cubical type switch gear panel suitable for indoor installation conforming to IS: 8623 (Part I & II). Panel should be made of sheet steel and thickness not less than 2mm and structural steel having light section. The panel shall be completely dust tight and vermin proof and shall be painted with anti corrosive and anti condensation type two coats of primer and two coats of paint. All wiring shall be PVC insulated and PVC sheathed of 1100 volt grade of required size. The panel should have provision of entry of cable at the bottom and also provision of out going feeders from the bottom of the panel. The panel shall incorporated double busbar system. The bus bar shall be of high quality copper of uniform cross section. The panel shall consist of the following items (viz. voltmeter, ammeter, CT, indicating lamps, selector switch etc.) connected as per drawing and shall be flush mounted on the front of the panel. | | | | |
| a | Incomer :- 150A 4P 36KA MCCB - 1 No | | | | |
| b | Outgoings :- 25A DP C class MCB-2 Nos for LDB-1 &2 40A DP Class-C MCB- 2 Nos. for PDB-1&2 63A 4P Class C MCB- 2 Nos. for ACDB-1&2 | | | | |
| c | 1 no., 0-400A, Ammeter with CTand selector switch | | | | |
| d | 1no., 0-500V, Voltmeter with selector switch and fuse | | | | |
| e | 1Set, TPN, Copper busbars of size 40mm x 10mm thk PVC insulated suitable for 640 Amp load | | | | |
| f | 1 Set, RYB, indicating lamps with resistors and fuses | | | | |
| | Full Set as above | Set. | 1 | | |
| 2 | LT PANEL-UPS | | | | |
| 2.1 | Supplying and installation of metal enclosed wall/ floor mounted front operated cubical type switch gear panel suitable for indoor installation conforming to IS: 8623 (Part I & II). Panel should be made of sheet steel and thickness not less than 2mm and structural steel having light section. The panel shall be completely dust tight and vermin proof and shall be painted with anti corrosive and anti condensation type two coats of primer and two coats of paint. All wiring shall be PVC insulated and PVC sheathed of 1100 volt grade of required size. The panel should have provision of entry of cable at the bottom and also provision of out going feeders from the bottom of the panel. The panel shall incorporated double busbar system. The bus bar shall be of high quality copper of uniform cross section. The panel shall consist of the following items (viz. voltmeter, ammeter, CT, indicating lamps, selector switch etc.) connected as per drawing and shall be flush mounted on the front of the panel. | | | | |
| a | Incomer :- 100A 4P MCCB - 1 Nos. with Interlock Change Over System. | | | | |
| b | Outgoings :- 63A 4P MCB - 2 Nos. 32A DP MCB - 2 Nos. | | | | |
| c | 1 no., 0-100A, Ammeter with CTand selector switch | | | | |
| d | 1no., 0-500V, Voltmeter with selector switch and fuse | | | | |
| e | 1Set, TPN, Copper busbars of size 35mm x 5mm thk PVC insulated suitable for 250 | | | | |

| | | | | | |
|----------|--|-------------------|-----|---|--|
| | Amp load | | | | |
| f | 1 Set, RYB, indicating lamps with resistors and fuses | | | | |
| | | Full Set as above | Set | 1 | |
| 3 | AUTOMATIC POWER FACTOR CONTROL PANEL | | | | |
| 3.1 | Supply and installation of 60 KVAR APFC panel, floor/wall mounted front operated totally enclosed vermin proof, indoor non-drawout-cubicle type power panel fabricated out of 2mm thk CRCA sheet having gasketed hinged cover on each cubicle fully powder coated with following accessories | | | | |
| a | 1No.150A,FP, MCCB as incomer | | | | |
| b | 2 nos. of 50A 3P contactor & 1 no. 25A 3P contactor | | | | |

| | | | | | |
|------------------|---|------|---|--|--|
| c | 2 nos. 63A TP MCB, 2 Nos. of 40A TP MCB & 2 nos. 25A TP MCB | | | | |
| d | 2 nos. 20KVAR & 1no. 10 KVAR Capacitor | | | | |
| e | Suitable bus bar for connecting the contactors and MCB's, Capacitors | | | | |
| f | 1 no. 4 step APFC relay suitable for above arrangement | | | | |
| g | ON/OFF/TRIP push button for each capacitor | | | | |
| h | ON/OFF/TRIP indication lamp for each capacitor | | | | |
| i | 1 Set, RYB, indicating lamps with resistors and fuses for incomer. | | | | |
| | Full Set as above | SET | 1 | | |
| SECTION-B | | | | | |
| 4 | CHANGE OVER | | | | |
| | Supplying with fitting and fixing Four Pole 415V Front handle operated On Load Change over switch (IP- 20 protection powder painted sheet steel enclosure fitted on angle iron frame of the following capacity complete with making necessary connection as approved, specified and directed by the deptt. | | | | |
| | C&S, Havells, Indo Asian, HPL, GECO make) | | | | |
| | a) 150A | Each | 1 | | |
| 5 | S & I of SPN D/D consumer Unit with 8 ways with suitable DP incomer and SP out going MCB's for Signage Lighting. | Nos | | | |
| 6 | MAIN SWITCH | | | | |
| | Supply and fixing of following MCCB Unt with MCCB in sheet steel enclosure on M.S. angle frame / M.S. legs on wall complete with interconnection, mending good damages to original finish, painting, etc. as required. | | | | |
| | a) 400A 4P 36KA MCCB | Each | 1 | | |
| 7 | MCB DISTRIBUTION BOARD | | | | |
| | Supplying, installation, testing and commissioning of surface/recess mounting, 220/415 volts prewired MCB distribution boards with all switchgears as specified below, of sheet steel, dust protected, duly phosphatized and powder painted, inclusive of 200 amps tinned uniformly rated electrolytic copper bus- bar, common neutral link, earth bar, din bar for mounting MCB/MCCB/RCCBs detachable gland/knock out plates and with built in loose wire box, and superior make terminal connectors for all incoming and outgoing circuits, duly prewired with adequate size of FR PVC insulated copper conductor upto the terminal connector/neutral link and ready for installation as specified below: | | | | |
| 7.1 | MAIN TPDB [VTPN] [MCBDB AC-1&2 for A/C] | | | | |
| | 8way VTPN TPN DB IP 43 IK 09 with metal Doors - 1 No. | No.s | 2 | | |
| | Incomer | | | | |
| | 63A 4P 25KA MCCB - 1 No. | | | | |
| | Outgoing | | | | |
| | 32A DP 30/36 KA MCB - 9 Nos. | | | | |
| | Note- Rates Shall be inclusive of S.I.T.C. of 3X 6 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main Panel to this DB , Hence contractor is advised to refer the electrical drawings before quoting the rate of these items | | | | |
| 7.2 | MAIN TPDB [VTPN] [MCBDBP-1&2 for Raw Power] | | | | |
| | 6 way VTPN TPN DB IP 43 IK 09 with metal Doors - 1 No. | No.s | 2 | | |
| | Incomer | | | | |
| | 40A 4P 25KA MCCB - 1 No. | | | | |
| | Outgoing | | | | |
| | 10A/16A SP 10 KA MCB - 12Nos. | | | | |
| | Note- Rates Shall be inclusive of S.I.T.C. of 3X 6 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main Panel to this DB , Hence contractor is advised to refer the electrical drawings before quoting the rate of these items | | | | |
| 7.3 | RAW Power Indication Lamp in PVC board fitted with indicator Bulbs directly connected from PDB-1&2 with necessary holders etc. with proper marking at entrance-1 &2 | Set | 2 | | |
| | Indicator Bulb-5W, Red for PDB-1 and Green for PDB-2 | | | | |
| | Relay- NC Contact Rating: 40A @ 240V AC / 30V DC; NO Contact Rating: 30A @ 240V AC / 30V DC, 4 pin- 1 for each PDB connected with all the outgoing | | | | |
| | Note- Rates Shall be inclusive of S.I.T.C. of 2X 1.5 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from PDB via the relay to the indicator LED bulb at entrance | | | | |
| 7.4 | MCBDB 12 way SPN DB - MCBDBL-1S for LIGHT & FAN | No.s | 2 | | |

| | | | | | |
|--|--|--|--|--|--|
| | 12way SPN DB IP 42 IK 09 with metal Door - 1 No. | | | | |
| | Incomer | | | | |
| | 40A DP MCB - 1 No. | | | | |
| | Outgoing | | | | |
| | 40A DP RCCB 100mA/30 mA sensitivity - 1 no. | | | | |
| | 6A SP 10 KA MCB - 8 Nos. | | | | |

| | | | | | |
|-----|--|------|-----|--|--|
| | Note- Rates Shall be inclusive of S.I.T.C. of 3X 6 Sq.mm. F.R.L.S. copper flexible wires in 19/20 mm. MS conduit from Main Panel to this DB , Hence contractor is advised to refer the electrical drawings before quoting the rate of these items | | | | |
| 7.5 | MCBDB/UPS-1, MCBDBUPS-2 for UPS POWER | No.s | 2 | | |
| | 6way TPN DB IP 43 IK 09 with metal Doors - 1 No. | | | | |
| | Incomer | | | | |
| | 63A 4P MCB - 1 No. | | | | |
| | 63A 4P RCCB 100mA/30 mA sensitivity with nuisance protection - 1 no. | | | | |
| | Outgoing | | | | |
| | 10A SP 10 KA MCB - 12 Nos. | | | | |
| | Note- Rates Shall be inclusive of S.I.T.C. of 3 X 6 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid MS conduit from Main DB to this DB , Hence contractor is advised to refer the electrical drawings before quoting the rate of these items | | | | |
| 7.6 | MCBDB/UPS-SERVER & EMERGENCY LIGHT | No.s | 1 | | |
| | 8way SPN DB IP 42 IK 09 with metal Door - 1 No. | | | | |
| | Incomer | | | | |
| | 32A DP MCB - 1 No. | | | | |
| | Outgoing | | | | |
| | 25A 4P RCCB 100mA/30 mA sensitivity with nuisance protection - 1 no. | | | | |
| | 10A SP 10 KA MCB - 4 Nos. | | | | |
| | Note- Rates Shall be inclusive of S.I.T.C. of 3 X 6 Sq.mm. F.R.L.S. Copper Flexible wires in Rigid MS conduit from Main DB to this DB , Hence contractor is advised to refer the electrical drawings before quoting the rate of these items | | | | |
| | SECTION-C | | | | |
| 8 | CABELS / MAINS | | | | |
| 8.1 | S & I of 1100V grade armoured cable having sector / circular shaped aluminium / copper conductor PVC insulated cores, laid up, PVC tape wrapped inner sheathed, GI strip / wire armoured and overall extruded PVC sheathed conforming to IS: 1554, laid on wall or ceiling using GI clamps and spacers as per route shown at site and further as directed by Bank / Architect in the following sizes. Rates shall be complete with complete with cable (Havell's/Richa/RR kebel or equivalent) glands and two nos. of 8SWG GI wire | | | | |
| a | 3 1/2 C X 120 Sq.mm Aluminium | Mtrs | 20 | | |
| b | 3 1/2 C X 35 Sq.mm Aluminium | Mtrs | 20 | | |
| 8.2 | Sub-main line:- | | | | |
| | Wiring in MS conduit of IS specification of Proper size with core PVC insulated stranded copper wire 11KV grade (Finolex/Havell's/Richa/RR kebel or equivalent) and with all materials supply ,installation connection complete as per circuit diagram and as required from main DB to various DBs:- | | | | |
| a) | with 3nos 2.5 sq.mm (1ECC) <u>(Only from Light DB/ Raw Poer DB to Switch Board)</u> | Mtrs | 20 | | |
| b) | with 3nos 4 sq.mm (1ECC) <u>(Only from Light DB/ Raw Poer DB to Switch Board)</u> | Mtrs | 35 | | |
| c) | with 3nos 6 sq.mm (1ECC) <u>(Only from Light DB/ Raw Poer DB to Switch Board)</u> | Mtrs | 35 | | |
| 9 | POINT WIRING | | | | |
| 9.1 | Supply & Installation of concealed point wiring using 600v grade 2.5 sqmm copper conductor PVC insulated wires (with proper R,Y,B color code) pulled through haevy gauge PVC conduits laid concealed over false ceiling or in wall chases including circuit wires from the relevant DB and also including 1.5 Sq.mm Green Colour Copper earth wire and provision of grid plate type (ROMA) switches and sockets as approved by Bank / Architect. Each circuit feeding not more than 8 points / 800 W as per the following configuration. | | | | |
| a | Primary light points including the cost of 6A switch | Pts | 130 | | |
| b | Secondary light points looped from the above point | Pts | 88 | | |
| c | 6A plug point as primary point. [SO] | Pts | 5 | | |
| d | Secondary 6A Plug point on switch board. [SO] | Pts | 8 | | |
| e | 16A Plug Point directly taken from DB for hotplate/geyser / zerox / fridge [P] | Pts | 5 | | |
| f | Indicator Light point from main panel to Banking area for indication of Mains power supply with wiring, indicator lamps etc. | Pnt. | 1 | | |
| g | Exhaust fan/ Wall Fan point consisting of 6A socket near fan and switch on light switch board | Pts | 61 | | |

| | | | | | |
|----|--|------|---|--|--|
| h | Wiring for Signages with 2R x2.5 Sq.mm and 1 Rx 1.5 Sq.mm, PVC insulated copper conductor flexible cable to be connected to the SPN D/D consumer along with a Timer and Contactor unit installed in Electrical Room room | Set | 4 | | |
| i | S.I.I.C. of call bell with bell point . | Nos. | 4 | | |
| 10 | COMPUTER/ RAW POWER WIRING | | | | |
| | Note- All sockets should be placed below the workstations as mentioned in the drawings but the controlling switch should fixed above the work stations and at place as directed by the architect | | | | |

| | | | | | |
|------------------|--|------|----|--|--|
| 10.1 | S & I of point wiring for UPS or stabilized power plug points on workstations / table for computers using 3C X 2.5 Sqmm Cu. PVC sheathed white color flexible cable pulled through above False ceiling and cutting the walls as raceways are not provided and taken upto table top using PVC rigid or flexible conduits run within wooden or metal partitions. Each point consisting of 3 Nos of 6A/16A 2 / 3 Pin sockets and 1 No 16A switch, wired together forming one point. Switches and sockets to be (ROMA). Earth wire to be of Green colour only. (Only 2 tables served by one circuit from UPS DB) Cost is inclusive of necessary cutting the walls and including PVC Pipe required for taking the wires. [SOC] | Pts | 69 | | |
| 10.2 | S & I of points similar to above but to be used as raw power point on the tables consisting of one 6/16A socket with switch of other color and flexible cable of black color & circuit taken from Raw Power DB (2 tables (Maximum 3) served by one circuit from LDB/PDB) Taken Above False ceiling and through walls/ partitions inside M.S. Conduits as raceways are not provided. Cost is inclusive of necessary cutting the walls and including M.S. Conduits as required for taking the wires. | Pts | 79 | | |
| SECTION-E | | | | | |
| 11 | LIGHTING FIXTURES (Bajaj or equivalent) | | | | |
| 11.1 | S & I of lighting fixtures as per the details given below including necessary hardware such as clamps,nuts, bolts, nails, screws and suspension chains as required for fixing the fixtures in position as directed by architect / Consultant. | | | | |
| a | <u>DOWN LIGHT [DL]</u> - Maintenance-free, round downlight with die cast aluminium housing and sleek backlit design suitable for low height ceiling, 15 W , 6500 CCT(K), having cutout: Ø105 mm, Overall Dimension: Ø120 x 28 mm, Model- Areva Prime , having Item Code- IDL-WHT-LARP01R015XC , Wattage- 15W, CCT (K)- 6500 K, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 80 | | |
| b | <u>PANEL LIGHT</u> - High efficacy, recess-mounted panel with white powder coated CRCA housing and full mounted acrylic diffuser (2'x2'), 120 Lm / W for 36 W and 120 Lm, of overall dimensions - Length: 595 mm , Width: 595 mm & Height: 35 mm , Model- Ultima Ultra (2'x2'), Item Code- IPN-WHT-LULU2SL036XC , Wattage-36W, CCT (K)- 6500 K, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 83 | | |
| d | <u>RECESSED LED ALUMINIUM PROFILE LIGHTS</u> -Recessed LED aluminium profile lights having overall dimensions 1200mm (L) , 35mm (H), 35mm (W), wattage-36 W, Item Code- LPRR3535X36C, Colour- Cool White, Wattage-36, CCT (K) 6000, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 20 | | |
| e | <u>1200 MM TUBE LIGHT [TL]</u> - LED batten tubes, in extruded aluminium housing , having CRI>80, beam Angle>120 and 100Lm/ w, Model- Kubik Plus - having Item Code- HBT-WHT-LKBP4KV020XC, Wattage 20 W, CW, Dimensions- 1090 x 22 x 37, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 8 | | |
| f | <u>600 MM TUBE LIGHT</u> - LED batten tubes, in extruded aluminium housing , having CRI>80, beam Angle>180 and 130Lm/ w, Model- Kubik Plus - having Item Code- HBT-WHT-LKBP4KV010XC, Wattage 10 W, CW, Dimensions- 575 x 22 x 37, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 6 | | |
| g | <u>COB/ DOWNLIGHT</u> - Recess-mounted COB / Spot light in die cast aluminium housing (white Finish) , Model- Jasper Prime , having item code- Having Item Code- HCO-WHT-LJPM01R002XC , of Cool White colour , with Cut out size-35mm dia, and dimension- 43mm (Dia), 102mm (H) of M/s Jaquar/ Chrompton/ Phillips/ Whipro make | Each | 12 | | |

| | | | | | |
|---|--|--------|----|--|--|
| i | <p><u>ROPE LIGHT</u> - Supply and fixing of IP65 LED Rope Light in POP/ Wooden cove as per design and as directed by the architect, having Rated input voltage-220-240 V AC of Cool White or desired colour, having product Item Code- STH-WHT-LJNP01S060XC, of 45 meter roll, cuttable to required sizes and suitable for indoor application alongwith all drivers and necessary accessories as required , of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equilivent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill</p> | Metres | 80 | | |
|---|--|--------|----|--|--|

| | | | | | |
|------------------|--|--------|-----|--|--|
| j | WALL LIGHT -Robo Light for landscaped garden, having item code- OWA-BLK-LWWL05S401XW, wattage- 4W of Warm White Colour, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. 3 Years written warranty from Company side to be submitted with the Final Bill | Each | 4 | | |
| k | PENDENT LIGHT - 3 Light Frosted Glass with Rose Gold Finish Pendant Light having Item Code- DPN-RDG- SL00FRD3E27 , having 3 Nos 7W Pendent, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. | Each | 3 | | |
| l | MODERN CHANDELIERS at reception- Chandelier with Solid Glass Rod and Brass Finish (D 650 x H 1320 MM), Model- Capella, having item code- DMO-BRS-SL12024X6L, of M/s Jaquar/ Chrompton/ Phillips/ Whipro or equivalent make as approved by the Engineer-incharge/ Architect. [PL]. | Each | 1 | | |
| m | Mirror light in GM's & DGM's Toilet (Wall mounted decorative luminaire suitable for 1x15W CFL B22 cap.). | Each | 1 | | |
| 11.2 | Supplying including fitting fixing of following star rated Plastic Blade, new 450 mm dia bracket/wall fan of Ivory Colour , complete with all accessories of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department . | | | | |
| | a) 450 mm sweep [WF] | EACH | 48 | | |
| 11.3 | Supply and fixing of 10" - 12" Metal bladed exhaust fans with louvers.[EF] | EACH | 12 | | |
| 11.4 | Supplying including fitting fixing of following star rated A.C. Ceiling fan complete with all accessories like down rod, canopy etc. of following sweeps with making necessary connection cable, as approved by the Deptt.s etc. as required complete and as directed by the Department [Without regulator]. (ORIENT PSPO make / Usha make/ CROMPTON make/ATC/ V GAURD make) | | | | |
| | a) 1200 mm sweep [F] | EACH | 1 | | |
| SECTION-F | | | | | |
| 12 | EARTHING | | | | |
| 12.1 | Earthing with Copper earth plate 600 x 600 x 3 mm thick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/ coke and salt as required. | Each | 4 | | |
| 12.2 | Earthing with GI earth plate 600x600x3mmthick including accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe of 2.7 meter long etc with charcoal/ coke and salt as required. | Each | 2 | | |
| 12.3 | Providing & fixing 25 mm x 5 mm Cu strip on surface or in recess for connection as required. | Metres | 80 | | |
| 12.4 | Providing & fixing 25 mm x 5 mm G.I. strip on surface or in recess for connection as required. | Metres | 40 | | |
| 12.5 | Providing & fixing 6 SWG dia GI wire on surface or in recess for loop earthing alongwith adjusting surface/ recessed conduit / submain/ cable as required. | Metres | 120 | | |
| SECTION-G | | | | | |
| 13 | MISC WORKS | | | | |
| 13.1 | DESK TOP UNIT (POP-UP BOXES) FOR CONFERENCE TABLE | EACH | 5 | | |
| | Supply, installation, testing and commissioning of LEGRAND make Aluminium floor adaptor power outlets of 8 module pop-up box with LEGRAND ARTEOR 3 no. of 6 A, 240V modular socket (Shuttered) controlled by 1 no. 16 A modular switch, module plates etc. in complete. The pop-up boxes are to be flushed and concealed inside the furniture surface along with making good to the furniture to uphold the architectural beauty. The outlets are to be terminated and wired by 2 X 2.5 sq mm (P+N) + 1 X 2.5 sq mm (E) FRLS Copper conductor of 1.1 KV grade from the Power DB through pre laid conduits/ raceways upto a maximum of 20 mtrs. Rates shall be all inclusive including the cost of POP up Box, Switch, Sockets, Lan Point, Wiring, conduits, end terminations, etc all complete. | | | | |
| 13.2 | OCCUPANCY SENSOR FOR CONFERENCE ROOM | | | | |
| | Supply installation testing & commissioning of Microwave Dual tech Sensor with Lux level settings, Daylighting settings having a Time Delay 0 s to 60 mn with a coverage area of 90 sqmtr (Make : Legrand - 048806) for Auto ON-OFF Lighting loads in the conference room. | | | | |
| a | Switch Sensor (vacancy/occupancy) | NOS | 3 | | |
| b | Advance Confg Tool | NOS | 1 | | |

| | | | | | |
|----------|--|--------|-----|--|--|
| 13.3 | Wiring for T.V at GM , DGM & Waiting Area | | | | |
| a | Supply and laying of co-axial RG 6 cable for TV terminals | Meters | 250 | | |
| b | Supplying and fixing of T.V Outlet in Modular Sheet /G.I Box etc as required | Nos. | 5 | | |
| c | Supplying and fixing of HDMI PORT as required | Nos. | 5 | | |
| d | Supplying and fixing of HDMI Cable with inbuilt port as required | Meters | 80 | | |
| C | TOTAL OF ELECTRICAL & OTHER RELATED WORKS | | | | |
| | | | | | |

**BOQ FOR VOICE & LAN CABLING WORKS OF BOB'S ZONAL OFFICE FOR NORTH EASTER STATES
AT SETHI TRUST BUILDING, BHANGAGARH, GUWAHATI, ASSAM**

GENERAL NOTE

- | | |
|---|--|
| 6 | Single Line diagram showing the all the wiring including point wiring, computer and RAW power wiring, Circuit wiring etc. all complete should be submitted with the Final Bill |
| 7 | Only DATA and Voice point wiring is allowed to be carried out through PVC Conduits |

PART D: VOICE & LAN CABLING WORKS

| Sl. No | Description | Unit | Qty | Rate | Amount |
|----------|--|--------|-----|------|--------|
| 1 | WIRING FOR DATA AND VOICE OUTLETS | | | | |
| 1.1 | Supplying, laying and termination of 4 pair Copper solid, twisted pair G600 CAT--6 cables through specified dia MS conduits / raceways. Cables must meet and exceed category 6/ class E standards requirements in ISO/IEC11801, CENELEC EN50173 & TIA 568-B2-1. and providing & terminating with RJ-45 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminating other end with RJ-45 connector including numbering with ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description. | | | | |
| a | Outlets with Back Box & Single Face Plate & Termination Of LAN Cable etc. of <u>Compscope/ D'Link Make (Including One extra in IT incharge/ Security , one each at DGM & GM's table and 1 No for CCTV)</u> | Nos | 5 | | |
| b | Same as above but with Double Face Plate & Termination Of LAN Cable etc. of <u>Compscope/ D'Link Make</u> | Nos | 64 | | |
| c | Testing, Labelling, scanning of I/O Nodes & submission of report. | Nos | 133 | | |
| d | S.I.T.C. of Fully loaded Jack Panels of required port as per the above LAN points | Nos | 1 | | |
| e | S.I.T.C. of Managed Switches 10/100 MBPS for above LAN Points | Nos | 1 | | |
| f | S.I.T.C. of 3 Ft. Factory Crimped Mounting Cords Same Makes as in Item no b. | Nos | 133 | | |
| g | S.I.T.C. of 7Ft. Factory Crimped Mounting Cords .Same Make as Item No b. | Nos | 133 | | |
| h | S.I.T.C. of VALRACK/PRESIDENT etc Network Rack of required size as per above LAN Points with proper dressing of cables | Nos | 1 | | |
| 1.2 | Providing and laying Cat 5 cable (Make: D-Link) for voice through specified dia PVC conduits / raceways for voice and providing & terminating with RJ-11 (Krone make) with face plates / I/O Ports in suitable modular / MS box from server / EPABX room to individual work stations and terminate the other end with RJ-11 connector or on a Crone module with numbering of each cable with Ferule. Note- Rates shall be all inclusive as mentioned in the description above and the payment for the same item shall be made on the number of points provided based on the above description | | | | |
| | Note- All Voice outlet should be fixed above the work stations and at place as directed by the architect | | | | |
| a | RJ-11 for Voice (THROUGH FALSE CEILING AND WALL) | points | 56 | | |
| 1.3 | Supplying, laying and fixing of PVC telephone flexible wire through specified dia PVC conduits / raceways of following size: (Rates Shall be inclusive of the cost of PVC Conduits of required sizes) | | | | |
| a | 20-pair | mtr. | 380 | | |
| 1.4 | Cat 6 Jack Panel of required sizes as per Voice points | No. | 1 | | |
| 1.5 | SS Rack of required sizes as per Voice points, Mount Recessed Frame for Voice Terminations | No. | 1 | | |
| D | TOTAL OF VOICE & LAN CABLING WORKS | | | | |

ESTIMATED BOQ FOR AIRCONDITIONING WORKS OF BOB'S ZONAL OFFICE FOR NORTH EASTERN STATES ON SECOND FLOOR OF SETHI TRUST BUILDING AT BHANGAGARH, GUWAHATI

ESTIMATE FOR SUPPLY & INSTALLATION OF CASSETTE & HI-WALL TYPE AIR-CONDITIONERS

PART F :- AIR-CONDITIONING WORKS

| SL NO: | DESCRIPTION | MAKE | QTY | UNIT | RATE | AMOUNT |
|------------------------------|--|---|------------|-------------|-------------|---------------|
| | VRF TYPR AC | | | | | |
| | PART A- SUPPLY OF VRF EQUIPMENT | | | | | |
| 1 | Supply of 415v - 3 Ph - 50 Hz Top Discharge Modular type cooling only Next Generation Variable Refrigerant Flow system, each Outdoor unit comprises of All 100% Inverter Driven Scroll Compressors, air cooled condenser with protective coated fins heat exchangement Corrosion fin factory coated ,Propeller type Fan with motor, Outdoor with capable of working within Wide Range of Voltage fluctuation from 370V to 460V, auto addressing setting, refrigerant cooled PCB, electronic expansion valve, Outdoor mounting frame, microprocessor panel,subcooler,accumulator,isolating valve.VRF system suitable for working on 56degree centrigrate. & 100% Capacity at 43degree centrigrate The unit is suitable for operation with R-410a refrigerant. | Daikin/ Bluestar/ L.G / Voltas | | | | |
| a | 28 HP (IVRFB-28TCN) | | 2 | Nos | | |
| 2 | Supply of Variable refrigerant flow type Indoor Unit comprising of Cu coil section, filter section, micro-processor type PCB. The unit shall be ceiling suspended type and complete with all standard accessories, unit capacity shall be as follows | | | | | |
| | VRF HI-WALL UNIT | Daikin/ Bluestar / L.G / Voltas | | | | |
| a | 1.0TR (VHW-16) , <i>2 IN Electrical Room , 3 in 3 AGM's Cabin & 1 in GM's Ante Room</i> | | 6 | Nos | | |
| b | 1.5TR (VHW-18), <i>2 in 2 DGM's Cabin , 1 in Executive Dining, 2 in Work Station Area & 1 in Waiting near store on left side</i> | | 6 | Nos | | |
| | VRF CASSETTE UNIT | | | | | |
| a | 2.0TR (VLC-24) , <i>In Gm's Cabin</i> | | 1 | Nos | | |
| b | 2.3TR (VLC-27), <i>In Conference Room</i> | | 2 | Nos | | |
| c | 3.0TR(VLC-34), <i>In Other Areas</i> | | 13 | Nos | | |
| 3 | Supply of Remote controller compatible of VRF Indoor Unit | | | | | |
| a | Cordless Controller | | 28 | Nos | | |
| 4 | Supply of copper individual Refnet Y distribution joint IDU | | 6 | Nos | | |
| 5 | Supply of copper individual Refnet Y distribution joint ODU | | 3 | Nos | | |
| A. TOTAL BASIC AMOUNT | | | | | | |
| SL NO | PART B- Supply of Low side items & Installation, Testing & Commissioning of the VRF System | | Qty | Unit | RATE | AMOUNT |
| 1 | Installation, testing and commissioning of the above VRF outdoor units with R410A refrigerant, controls, electricals, necessary accessories of following capacities | | | | | |
| a | 28 HP (IVRFB-28TCN) | | 2 | Nos | | |
| 2 | Installation, testing and commissioning of the above VRF indoor units with refrigerant, controls, electricals, necessary accessories etc of following capacities. | | | | | |
| | VRF HI-WALL UNIT | | | | | |
| a | 1.0 TR (VHW-16) | | 6 | Nos | | |
| b | 1.5 TR (VHW-18) | | 6 | Nos | | |
| | VRF CASSETTE UNIT | | | | | |
| a | 2.0 TR (VLC-24) | | 1 | Nos | | |
| b | 2.3 TR (VLC-27) | | 2 | Nos | | |
| c | 3.0 TR(VLC-34) | | 13 | Nos | | |

| | | | | | | |
|---|---|----------|----|-----|--|--|
| 3 | Supply, installation, testing and commissioning of Cu. refrigerant pipes (required as per OEM design) duly insulated with 19mm / 13mm close cell elastometric nitrile rubber insulation between each set of outdoor and indoor units (VRF). | | | | | |
| b | 22.2 mm outer dia with 19 mm thick insulation. | Totaline | 80 | Rmt | | |
| c | 19.1 mm outer dia with 19 mm thick insulation. | / | 50 | Rmt | | |
| d | 15.9 mm outer dia with 19 mm thick insulation. | Rajco/ | 50 | Rmt | | |

| | | | | | | |
|---------------------------------|---|--------------------------------------|-----|-----|--|--|
| e | 12.7 mm outer dia with 13 mm thick insulation. | mandev | 50 | Rmt | | |
| f | 9.5 mm outer dia with 13 mm thick insulation. | | 75 | Rmt | | |
| g | 6.4 mm outer dia with 13 mm thick insulation. | | 50 | Rmt | | |
| 4 | Supply, Installation, testing and commissioning of PPRC piping complete with fittings, supports as per specifications | | | | | |
| a | DRAIN PIPE 25mm | | 95 | Mtr | | |
| b | DRAIN PIPE 32mm | | 60 | Mtr | | |
| 5 | Supply & Laying of Cu conductor sheilded flexible Communication cabling between ODU and IDU as per OEM Specification (VRF). Cable shall be laying through hard PVC conduit pipe | KEI/ RR Kabe I/ Finole x | 350 | Mtr | | |
| B. TOTAL BASIC AMOUNT(B) | | | | | | |
| F | TOTAL OF AIR CONDITIONING WORKS (A + B) | | | | | |
| | | | | | | |