



(A GOVT. OF INDIA UNDERTAKING)

ZONAL OFFICE - ASANSOL

NOTICE INVITING QUOTATION

Indian Bank, Zonal Office Asansol, invites competitive sealed quotation in the prescribed format on item rate basis two bids (technical & financial) systems from the interested, reputed and well experienced Bank's contractors / firms for **"Interior Furnishing, Electrical Installation and Computer Data Cabling Works etc. at Durgapur Benachity branch for renovation of existing premises, Durgapur, Distt.- Paschim Bardhaman."**

Quotation document along with other details may be downloaded from Bank's web site www.indianbank.in or may be obtained from **Premises & Expenditure Department, Zonal Office Asansol, Udrej Bhavan, 2nd Floor, 8 G.T. Road, Asansol, Paschim Burdwan- 713304, W B.**, as per following scheduled.

1	Name of work	Interior Furnishing, Electrical Installation and Computer Data Cabling Works etc. at Durgapur Benachity branch for renovation of existing premises, Durgapur, Distt.- Paschim Bardhaman
2	Estimated Cost	Rs. 11,03,022.50
3	Publication of "Tender" inviting offers	01.04.2023
4	Submission of Tender	01.04.2023 to 13.04.2023 up to 4:00 P.M.
5	Opening of Tender (Technical and Financial Bid)	14.04.2023 at 3:00 P.M.
6	Validation of Quotation	90 Days from the date of opening
7	Date of Commencement	5 days from date of issue of letter awarding the job.
8	Time of completion of job	Maximum 30 calendar days from the date of issue of work order or handing over of site whichever is later.
9	Defect liability period	12 Months from virtual completion of work as certified by the architect, provided to the satisfaction to the Bank.
10	Tender Fee	Rs. 500/- in the form of DD/IOI in favour of Indian Bank payable at Asansol (non-refundable).
11	Earnest Money	Rs. 5000/- in the form of DD/IOI in favour of Indian Bank payable at Asansol. (The EMD of the unsuccessful bidders will be returned within 45 days from the date of opening the tender. No interest will be paid on the Earnest Money deposit.)
12	Liquidated Damages for delay	If the work is not completed within the stipulated period of time an amount of 1% per week of the Contract Value subject to maximum total of 10% of final Contract Value.
13	Payment Terms	Neither advance nor Interim payment will be paid. Payment will be made on satisfactory completion of the job on the basis of actual measurements. Income tax will be deducted as per the rules. Retention money 10% will be deducted from the bill and to be released after 15 days of expiry of defect liability period.
14	Documents to be attached with the Bill	Work Completion Certificate from Branch/Office Head, Manufacture Certification, Bills & 4-5 Photographs showing completion status of work.
15	Retention Money	10% (Including Earnest Money)
16	Terms and Conditions	As per Annexure - II

Quotation Documents: - Technical Bid and Financial Bid.

A) Technical bid: Part-A & Part B

B) Financial bid: Schedule of Quantity



- The Bank will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tender without assigning any reason whatsoever. Late / delayed tender shall not be accepted after due date and time of submission of tender.
- The rate quoted by the firm shall be based only on the specifications and conditions of the Schedule of Quantities (SOQ)
- Bank is not liable to make any payment to the firm for preparation to submit the quotation.

The duly filled in quotation completed in all respect **in a separate sealed covers marked "Technical Bid" & "Financial Bid" and superscribing "Interior Furnishing and Electrical Installation work at Durgapur Benachity Branch"** on top and name, address & contact no. of the vendor at bottom left corner should be addressed to

The Zonal Manager
Indian Bank, Zonal Office: Asansol,
Udrej Bhavan, 2nd Floor, 8 G.T. Road (West),
Asansol – 713304, Dist- Paschim Bardhaman, WB

Date: 30.03.2023
Place: Asansol

(Zonal Manager)



FORM OF QUOTATION

The Deputy General Manager
Indian Bank,
Zonal Office Asansol,
Udrej Bhavan, 2nd Floor, 8 G.T. Road,
Asansol, Paschim Bardhaman- 713304, WB

Dear Sir,

SUB: Invitation of Quotation for Interior Furnishing, Electrical Installation and Computer Data Cabling Works etc. at Durgapur Benachity branch for renovation of existing premises, Durgapur, Distt.- Paschim Bardhaman

I/We the undersigned have examined the drawings, specifications, conditions and schedule of quantities prepared by you, and satisfying ourselves as to the location of the site and working conditions, I/We hereby offer to execute the above works at the respective rates which I/We have quoted for the items in the Schedule of Quantities.

I/We further agree to complete the work within the stipulated time as specified in the Quotation document.

I/We understand that Indian Bank is not bound to accept the lowest quotation and reserves the right to accept or reject any or all the quotation without assigning any reason whatsoever.

I/We understand that Indian bank may award the work to more than one contractor and I/We shall make no claims whatsoever if Indian bank accept only a part of my/ our quotation.

I/We unconditionally agree to Indian bank's conditions as stipulated in the quotation documents.

I/We agree to keep our quotation open for **90 (Ninety) days** from the date of opening of quotation.

I/We agree that in case of my/our failure to execute the work in accordance with the specifications and instructions received from Bank during the course of the work, Bank reserves the right to terminate my work order and recover all the dues to the Bank from the payment receivable by me. Further, I/We may also be barred from participating in any type of bid invited by Bank or its subsidiaries in future.

I/We further agree to complete the work within the stipulated time specified in the Appendix to General Conditions of Contract.

I/We enclose the completed quotation document, Price Bid, Annexure-I & Annexure-II duly filled in and signed in each page.

Thanking you,

Yours faithfully,

[Signature of Tenderer]

Place:
Date:

Name:
Address:

Mob. No.

Seal:



GENERAL INFORMATION OF THE FIRM

1	Name of Firm	
2	Head Office/ Main Office Address	
3	Address on which Correspondence should be done.	
	Tel. No.	
	Mobile no.	
	E-mail address	
4	Place of incorporation / registration	
5	Constitution of Firm	
i)	Specify, if the firm is	
	a) An individual	
	b) A proprietary firm	
	c) A firm in partnership	
	d) A Limited Company or Corporation	
ii)	Attach a copy of Proprietorship / Partnership / Deed / Article of Association / Incorporation of Company as the case may be	
6	Give particulars of empanelment with Public Sector Banks	
7	Give particulars of Work Experience of minimum 5 years of similar type of work	
9.	Other details: a) PAN No. b) GST Registration No. (Copies to enclosed)	
10.	Any other information considered necessary but not included above	
11.	Names and Titles of Directors and officers with designation to be concerned with this work with Designation of individuals authorized to act for the organization	
12.	Was the applicant ever required to suspend works for a period of more than six months continuously after commencement of works? If so, give the name of the project and give Reasons thereof.	
13.	Has the applicant or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give the name of the project and give reasons thereof.	
14.	Has the applicant or any constituent partner in case of partnership firm, ever been debarred/ black listed for tendering in any organization at any time? If so, give details	
15.	Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If So, give details	

Note: Only self-attested copies to be furnished.

Date:

Place:

Signature & seal of the applicant




GENERAL TERMS AND CONDITIONS

Annexure-II

1 Definition of terms / interpretation:

- Employer/Owner/Bank /Indian Bank/ Accepting Authority shall mean Indian Bank with their Corporate Office at No. 254-260, Avvai Shanmugam Salai, Royapettah, Chennai – 600 014 inter-alia having their Zonal Office at Udraj Bhawan, 2nd Floor, 8, G.T. Road ASANSOL – 713304 and any of its employees representative authorized on their behalf.
- Throughout these submission of quotation documents, the terms "bid", "quotation" and their derivatives ("bidder"/"quotation offerer/firm/contractor"), "bided / quotation submitted / "bidding"/"quotation", etc. are Synonymous.
- Day means calendar day. Singular also means plural
- "Contractor" means the person who's Quotation has been accepted by the Employer and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
- Quotation offerer : The term 'Quotation offerer' shall mean the individual or firm or company whether incorporated or not, undertaking the work and shall include legal representative(s) of such individuals or persons composing such firm or company or successors of such firm or company as the case may be and permitted assigns of such individual or firm or company.

2. Quotations which should always be placed in sealed cover, with the name of the work written on the envelope **"Interior Furnishing, Electrical Installation and Computer Data Cabling Works etc. at Durgapur Benachity branch for renovation of existing premises, Durgapur, Distt.- Paschim Bardhaman"**. will be received by Senior Manager (P&E), Indian Bank, Zonal Office, Premises Department, Asansol.

3. The Indian Bank does not bind itself to accept the lowest or any quotation and reserves to itself the right of accepting the whole or any part of the QUOTATION and the Quotation offerer shall be bound to perform the same at the rate quoted.

a. The rate quoted by the Quotation offerer shall be net (excluding GST), up to the stage of incorporation and handing over site. All taxes including (excluding GST) or any other tax on material or on finished works like Turn-over Tax, including taxes that may be newly introduced subsequent to the quotation etc. in respect of this contract shall be payable by the Firm and the Indian Bank will not entertain any claim whatsoever in this respect.

The rate quoted should be excluding GST.

The Quotation offerer who wishes to quote for the above job should have GST registration and should mention the registration number. The firm shall give a list of his relatives working with the Indian Bank along with their designations and addresses.

4. No employee of the Indian Bank is allowed to work as a contractor for a period of two years of his retirement from Indian Bank service, without the previous permission of the Indian Bank. The contract is liable to be cancelled if either the contractor or any of his employees is found at any time to be such a person who had not obtained the permission of the Indian Bank as aforesaid before submission of the quotation or engagement in the Quotation officer's service.
5. The quotation for works shall remain open for acceptance for a period of 90 days from the date of opening of quotation.
6. The Contractor shall sign each page of the quotation and quote their price in the Schedule of Quantities without any omission.
7. **The retention amount at 10% on the value of the bill paid will be held by the Indian Bank.** The Retention Money (10%) will be released after 15 days of expiry of Defect Liability Period (12 Months from the date of completion of work), subject to satisfactory rectification of defects noticed, if any. Retention Amount held in our Bank's Book will not carry any interest.
8. The acceptance of a quotation will rest with the Indian Bank and the Indian Bank reserves to itself the authority to reject any or all of the Quotations received without the assignment of a reason. Quotations in which any of the prescribed conditions are not fulfilled (or) are incomplete in any respect are liable to be rejected. The Indian Bank reserves the right to accept the quotation in full or in part and the firm shall have no claim for revision of rates or other conditions if his quotation is accepted in parts.
9. Canvassing in connection with quotations is strictly prohibited and the Quotations submitted by the contractors/firms who resort to canvassing will be liable to rejection.
10. All rates shall be quoted on the proper form of the quotation alone. **All the entries to be made legibly in ink only.** Rates written in pencil or any other mode shall not be considered for evaluation and will be rejected.
11. An item rate quotation containing percentage below / above will be summarily rejected. However, where a contractor/firm voluntarily offers a rebate for payment along with sealed quotation, the same may be considered.
12. On acceptance of the work order the name of the accredited representative(s) of the Quotation offerer who would be responsible for taking instructions from the Indian Bank shall be communicated to the Indian Bank.
13. Special care should be taken to write the rates in figures as well as in words and the amounts in figures only, in such a way that interpolation is not possible. The total amount should be written both in words and in figures.
14. The Contractor shall comply with and give all notices required under any law, rules, regulations, or bye-law of Parliament, State Legislature or Local Authority relating to works. If needed, the Contractor has to obtain required permission/ approval from the building secretary/ association. The Contractor shall before commencing the execution of work issue a certificate to the Employer that he has obtained all the permissions Registrations and give all the notices as are required to be





obtained or given under law particularly blasting permission, Police permission, etc.

15. The Contractor shall be required to maintain the site and the building areas in a neat and clean condition at all times to the satisfaction of the Employer. The Contractor shall especially take care to keep areas free from getting water logged, from concrete/mortar dipping, bricks, steel, shuttering materials or any other material / rubbish.
16. Debris and items removed from the building have to be neatly stacked at site and then periodically removed (maximum of one week), carried away by the Contractor and disposed off as per the rules and regulations of the Local Authorities concerned. No debris shall be thrown loose from upper floors. No floor, roof or other part of the building shall be over-loaded with debris or materials as to render it unsafe.
17. Employer reserves the right to insist on selection of material, workmanship, detailing and finishes, which they consider, is appropriate, and suitable for the intended use. The contractor is not eligible to claim extra on this account.
18. Employer will require the contractor to produce, samples of all the materials, accessories/ finishes prior to procurement/ manufacture. The samples of the materials for the work shall be got approved from the Employer. Failure to comply with these instructions can result in rejection of the work/materials.
19. For painting & Lamination, sample area shall be prepared and the shade got approved. It is also advised to give computer presentation of various colour schemes to the employer before going for sample painting / Lamination.
20. The Contractor should note that he should execute his part of work without causing any damage to any component of the building and also without disturbing the occupants. Any damage so caused shall be made good at the cost & risk of the Contractor.
21. The successful contractor shall include, in the quoted price, all allied civil works such as chasing in wall, drilling holes etc to support the frames, partitions, make the surface good after grouting, scaffolding required if any to load/ unload the materials etc.
22. The successful contractor shall also be responsible for the safety and security of all their materials and also for ensuring fire prevention steps at all times in the working premises including their part of the work. The successful contractor has to place full time representative at site, the representative should have thorough subject knowledge.
23. The work shall be carried out without disturbing the existing occupants of other offices. Necessary barricading of the area, if required from the rest of the area shall have to be arranged by the successful contractor at no extra cost. The work is to be organized and executed so as to have least disturbance to the occupants of other offices.
24. No interim payment / Adhoc Payment will be entertained in any case
25. **The contractor should ensure payment of minimum wages + VDA to all labourers / workmen staff employed by him in line with central/ state labour wage act whichever higher.**
The Contractor shall at all times indemnify and keep indemnified the Employer against all losses, claims, damages or compensation including under the provisions of the payment of the Wages Act 1936, Minimum Wages Act 1948, Employer's Liability Act 1938, Workman's Compensation Act 1923, the Maternity Benefit Act 1961, the Bombay Shops and Establishments Act 1947, Industrial Disputes Act 1947, and Contract Labour (Regulation and Abolition) Act 1970 and Employees State Insurance Act 1948, Motor Vehicles Act 1988 or any modifications thereof or under any other law relating thereto and rules made there under from time to time or as a consequence of any accident or injury to any workman or other person in or about the work whether in the employment of the Employer or Contractor or not, and also against all costs, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury or combination of any such claims.
26. From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent loss or damage to the work to the maximum extent possible and shall be liable for any damage or loss that may arise to the works or any part thereof from any cause whatsoever including causes of fire, lightning, explosion, earthquake, storm, hurricane, floods, inundation, subsidence, landslides, rock slides, riots (excluding civil war, rebellion, revolution and insurrection) or any latent defect or damage and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

For the purpose of this condition this expression "from commencement to completion of works" shall mean the period starting with the date of issue of Work Order or date of handing over of site whichever is later and ending with issue of Virtual Completion Certificate.

Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to completion, as aforesaid, for the full contract value including Price Variation Adjustment if any against the risk of loss or damage from any cause whatsoever including the causes enumerated in the foregoing paragraphs. In the event of there being a variation in the nature and extent of the works, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. The entire premium for the insurance shall be borne and paid by the Contractor.

Before commencing the work, the Contractor shall without limiting his obligations and responsibilities under this condition, insure against any loss of life or injury to any personnel in the employment of Contractor / Sub-Contractor/nominated Sub-Contractor. For this purpose, insurance shall be taken by the Contractor /Sub- Contractor. Such insurance shall be taken to include both employees/workmen covered by the Workman's Compensation Act 1923, as well those employees/workmen not covered by the said Act. Separate insurance policies may be taken for employees/ workmen covered by Workman's Compensation Act 1923, and employees / workmen not covered by the said Act. The entire premium shall be paid by the Contractor. Policy/Policies taken under this para for the personnel in employment with the Contractor / Sub-Contractor may be in their Employer's names of the Contractor / Sub-Contractor / nominated Sub-



Contractors. In the event of any loss or injury to personnel in employment with the Contractor / Sub-Contractor / nominated Sub-Contractors, the Employer and Contractor shall recover directly from the Insurance Company and ensure that payment of the same is made to the affected parties including the Employer. The policy in original shall be deposited with the Employer.

The Contractor shall at all times indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance of the work and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto. Before commencing the execution of the works, the Contractor shall without in any way limiting his obligations and liabilities under this condition, insure at his cost and expense against any damage or loss or injury which may be caused to any person or property including the employees and directors of the Employer and their property by or in the course of the execution of the works.

27. The Contractor shall take all precautionary measures to ensure the safety of the workmen employed by it. The contractor shall be fully responsible for the any injury or damage caused to the workmen deployed by him at site for carrying out the work and Bank has nothing to do with such happenings and in no way shall be held responsible for the same.
28. The contractor shall maintain all registers as required by the Regional Labour Commissioner and should furnish the same to the Bank or its representative as and when required.
29. If the work is not started within 7 days from the date of issue of work order then Employer may terminate the work order without assigning any reason. If during the execution of the work, the progress of work is not considered to be satisfactory and is not consistent to be in contingent with the period of the completion of the work then the Bank may terminate the work order by giving a 5 days' notice to the contractor. In such case the contractor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work the contractor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages.
30. The time allowed for completing the works is 21 days to be reckoned from 5th day from the date of Work Order / date of handing over site whichever is later.
31. If the Contractor fails to complete any or all the works by the date/s named in **Clause 32** (Date of Completion) or within any extended time (permitted by Bank) then the Contractor shall pay or allow the Employer the sum to be worked out at **1.0%** of contract value per week to be recovered as Liquidated Damages (and not by way of penalty) for the delay, beyond the said date or extended time, as the case may be, during which the works shall remain unfinished and such damages may be deducted from any moneys due or which may become due to the Contractor. The maximum amount of Liquidated damages shall be **10%** of contract value. The contractor shall be bound to extend validity of Insurance Cover till such period of completion as may be considered necessary at their cost.
32. Extension of time: If in the opinion of the Employer/ Architects the works be delayed (a) by reason of any exceptionally inclement weather or (b) by reason of instructions from the employer in consequence of proceedings taken or threatened by or disputes, with adjoining or neighboring owners or (c) by the works, or delay of other contractors nominated by the employer and not referred to in the specification or (d) by the reason of authorized extra and additions or (e) by reason or any combination or works men or strikes or lock-out affecting any of the building trade or (f) from other causes which the employer may consider are beyond the control of the contractor, the employer at the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore. In the event of the employer failing to give possession of the site upon the day specified above, the time of completion shall be extended suitably.

In case of such strikes or lockouts as are referred to above, the contractor shall, immediately give the employer, written notice thereof. Nevertheless he shall use his best endeavors to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the employer for any extension of time for completion hereunder (which shall be final and binding on the contractor) shall be promulgated at the conclusion of such strike or lock-out and the employer shall then, in the event of an extension being, granted, determine, and declare the final completion date.
33. The successful contractor shall be required to execute an Agreement in the performa attached with this quotation document within 7 days from the date of receipt of the notice of acceptance of quotation. In the event of failure on the part of the successful contractor to sign the agreement within the above stipulated period the acceptance of the quotation shall be considered as cancelled.
34. The final bill will be released on satisfactory completion of the entire work and on completion of all the terms and conditions / obligations spelt out and on proper submission of the bill together with the measurements. Final Bill settlement is within 30 days from the date of proper submission of bill & measurements.
35. The Quotation offerer shall separately specify at the end of the QUOTATION the % and value of SGST and CGST as applicable. As on date 9 % CGST and 9% SGST IS APPLICABLE FOR WORKS CONTRACT. Regarding tax part, the tax rate at the time of billing shall rule over and above all documentations. Valid documents shall be produced if asked for at the time before payment. TDS for income tax is as applicable and shall be included in the quoted rates. The comparison for the least bidder shall be made with the basic price of items of work excluding "Goods and Service Tax" part.
36. At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the contractor must inform the concerned Department of the Bank or Architect and after getting the approval, the same has to be incorporated by the contractor.
37. Single Power point & Water for work will be provide by bank at free of cost



38. The contractor shall not directly or indirectly sublet the work to other party without written permission of the bank.
39. The Bank reserves the right to distribute the work for which quotations have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the contractor agrees to cooperate with other agencies appointed by the Bank.
40. Bank shall not be responsible for any loss or damage to the contractor/ labour due to any natural calamity during the course of construction. Contractor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities
41. No advance payment shall be made to the contractor on supply of any material supplied at site for execution; Payment shall be made only after completion of the work, submission of proper bills and measurement and checking at the site by Architect and Bank Engineer.
42. Contractor agencies are advised (before quoting the rates) to inspect the site of the proposed work and the site from where items are to be buy backed. They must go through specifications and documents. Any clarification, if required, may be taken from the bank before submitting the quote.
43. The quantities mentioned in schedule are provisional and likely to increase /decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit/business shall be entertained on this account.
44. The rates quoted by the Contractor shall be firm throughout the work period (including extension of time, if granted) and will not be subject to any fluctuation due to variation in the cost of material or labour.
45. The contractor /vendor failed to carry out the works as per schedule/Quality, the same shall be carryout with different agencies and the actual amount will be deducted from the contractor bills.
46. Payment to the contractor shall be made as per actual work done on site.
47. The contractor agency shall keep particular vigil on his workers to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material / labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
48. The Bank reserves the right to accept/reject any quotes without assigning any reasons thereof.
49. Any work got executed in poor workmanships pointed out by the Bank' Official will have to be dismantled and redone by the Contractor on his own cost.
50. Any addition, alteration or correction in the quote shall be signed and stamped properly by the contractor
51. Contractor has to submit the Earthing Report Test and other Electrical Audit report certificate of the branch along with the final Electrical Circuit Diagram during the submission of final bill, to be issued by an Electrical Engineer having valid Electrical license of WBSEB / CESC /or any Govt. authority, without any extra charge. Without submission of these reports no payment will be made.
52. The quantities given in the schedule are approximate and may vary as per requirement of the site. Payment shall be made on the basis of actual measurement of the work to be certified by Architect / Branch head / ZO Department Head. Measurement shall be made as per relevant IS code. **No discounts are allowed on the overall amount. Any discount to be given in the item wise rate only.**
53. **The vender must quote a rate suitable for work to be done according to the specification and as per approved list of materials. The rate quoted by any vender not goes below 15 % of estimated cost, if do so, the respective tender liable to cancel.**

DECLARATION:

I / We hereby declare that I / We read and understood the above terms and conditions and that we shall abide by them if the work is awarded to us.

Signature & Seal of the Contractor




ARTICLES OF AGREEMENT

THIS AGREEMENT is made on this day of month of between Indian Bank and having its Zonal Office at Udraj Bhawan, 2nd Floor, 8 G.T. Road ASANSOL – 713304 (hereinafter referred to as the "Employer") which expression shall include its successor, legal heirs and assignees of the one part.

AND M/s. having its office at (hereinafter referred to as the "Contractor") which expression shall include its successor, legal heirs and assignees of the second part.

WHEREAS the Employer has caused drawings and quotation documents for "**Interior Furnishing, Electrical Installation and Computer Data Cabling Works etc. at Durgapur Benachity branch for renovation of existing premises, Durgapur, Distt.- Paschim Bardhaman**"

AND whereas the Employer has called for quotation vide ref. no. dated

AND whereas the contractor has submitted the quotation ref. no. dated to the Employer on

AND whereas the Employer has issued the work order ref dated to the contractor to do the work.

AND whereas the Contractor has agreed to execute the work as per drawings, specifications, conditions of contract and Work Order.

AND whereas the Employer has accepted the Contractor's quotation as aforesaid and whereas the QUOTATION submitted by the contractor has been accepted for such sum as may be ascertained to be payable in terms of the Bill of Quantities and which sum is estimated to be Rs. (Rupees) hereinafter referred to as the said "Contract Agreement".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-

- 1) In consideration of the said Contract Sum to be paid at the times and in the manner set forth in the said Conditions the Contractor shall carry out and complete the Works in terms and conditions herein contained and according to the general conditions of the contract, notice inviting QUOTATION, special conditions of contract, general scope of work, technical specifications, schedule of rates and instructions to be given by and the supervision of and to the entire satisfaction of the Employer.

2) **Contract Price, Taxes and Payment Terms :**

Total contract price is Rs. which is inclusive of cost of materials, equipment, installation charges and tools and tackles required for execution of the job. Above price is inclusive of all taxes & duties including excise duty, GST, income tax, octroi etc. in respect of this contract. No claim in this respect will be entertained. Income tax on payments will be deducted and deposited by Employer in accordance with the sales tax law of the state and the provisions of tax deductions at source under income tax act 1961.

3) **Completion Period:**

Time is the essence of the Contract. The work is to be completed in all respects within **21 days** reckoned from **5th day** from the date of issue of the Work Order or handing over of site whichever is later. If the Contractor fails to complete the job within the agreed time period the Contractor will have to bear liquidated damages as per the relevant clause mentioned in the QUOTATION Documents.

2) **Inspection of Site:**

The Contractor has inspected the site before submitting his quotation and has satisfied himself as to the nature of the work to be executed on the site. Any difficulties which the Contractor may come across in the course of the work shall in no way relieve the contractor to claim or receive extra payment unless the Employer is of the opinion that such difficulties could not have been foreseen and the Employer consents in writing.

3) **Supply of Material and Labour:**

The Contractor shall arrange all labour, materials, equipments, tools, tackles and everything necessary for the completion of the work. The Contractor will assume all responsibility for the safety, protection and accounting of all material and equipment and the work during construction. All materials used by the Contractor shall be of the best quality conforming to the required specification mentioned in the QUOTATION document and will be subject to the approval of the Employer. All such materials not approved by the Employer shall be removed at once by the Contractor at his own expense. The Contractor shall also at his own expense arrange for carrying out any test of materials which the Employer may from time to time require or if so desired by the employer.



4) **Defective Work / Materials:**

If any part of the work done by the Contractor is found defective in workmanship or if bad or inferior materials have been used the Contractor shall at his own risk and cost demolish all such defective work and rebuild the same and / or replace the bad or inferior materials used within a time frame mentioned to the satisfaction of the Employer. The decision of the Employer in this regard shall be final and binding on the Contractor. In case of default of the contractor to remove the defective work and rebuild the same or replace bad or inferior materials as directed by the Employer, the Employer shall be entitled to employ anyone else to carry out the same at risk and cost of the Contractor and recover all expenses incurred in this regard from the contractor.

5) **Inspection of Work:**

During progress of the work the Employer shall be entitled at all times to have access to and inspect the work.

6) **Supervision:**

The Contractor shall provide one or more competent and technical qualified engineers duly and fully authorized to act on his behalf in all matters relating to the works to be carried out under or any other matter concerning this agreement and who shall at all times be present at the works while any work is in progress as per directions, explanations & instructions of Employer.

7) **Compliance with Statutory Regulations & Work Rules:**

The Contractor shall be responsible for complying with the applicable laws / bye laws / Regulations in force from time to time and shall have to bear all statutory liabilities to the workers / personnel engaged for the job. Nothing will be paid extra in this regard. If any amount is paid by the Employer with this regard the same amount shall be deducted from the Contractor's dues. The Contractor shall have to arrange insurance cover for the workers / personnel engaged by him for the job.

8) **Determination of Contract:**

In the event of Contractor failing to keep / adhere to agreed schedule of work, or in the event of the Contractor failing to comply with the provisions of this contract by default and / or negligence and / or suspension of work or in the event of Contractor failing to complete the work within the stipulated period, the Employer may terminate this Agreement forthwith and employ, at the Contractor's risk and cost, another contractor or sufficient number of workmen to complete the work.

9) **Force Majeure:**

This clause will be operative only if the work is delayed by

- a) Acts of God
- b) Earthquake or floods or similar natural calamities.
- c) Serious loss or damage by fire or lightning.

In case any Force Majeure condition herein mentioned occurs and continues for a period exceeding 15 days the parties hereto undertake to sit together and devise ways for expeditious and proper performance of the obligations of the parties under this order.

10) **Arbitration:**

" In the event of any dispute or difference relating to interpretation and application of provisions of the contract and all disputes/ claims whatsoever which shall either during the continuance of the contract or afterwards either between the parties to the contract or the respective representatives touching the construction/ application of any provision/ clause mentioned in the contract or any account or liability between the parties to the contract or as to any act or deed or omission of any party to the contract, in any way relating to these presents, shall be first at the discretion of the Bank attempted to be resolved in good faith by mutual discussion within 30 days of the dispute or question being raised failing which the same shall be settled by arbitration in accordance with provisions of Indian arbitration and Conciliation act 1996.

The Parties concerned shall designate an arbitrator on mutual consent/ consensus. The venue of the arbitration shall be exclusively at MIDNAPORE and any award passed by arbitrator shall be final, conclusive and binding upon the parties and shall be deemed to have been made between parties themselves. The parties to the dispute shall share equally the cost of arbitration as intimated by the arbitrator".

IN WITNESS whereof the said contracting parties have set their hands and seals on the day and year first hereinabove witness.

Witness Address

Employer

Witness Address

Contractor



LIST OF APPROVED MATERIALS FOR CIVIL AND FURNISHING WORK AT INDIAN BANK, DURGAPUR BENACHITY BRANCH

SL NO	ITEM	APPROVED MAKE/ MODEL
1	False Ceiling	INDIA GYPSUM / SAINT GOBAIN/ LAFARGE/ARMSTRONG
2	Inter mediate Channel/Ceiling Section/Aluminium Section	HINDALCO/ JINDAL / INDIA GYPSUM
3	Wood Frame Work/ Wood Section All wood must be well seasoned, free from knots, other defects, decay and defects due to handling and transportation. Wherever necessary, provide with anti - termite Treatment.	KAPOOR, 2 nd CLASS TEAK WOOD
4	Wood Skirting / Moulding/ Lipping/ Bidding / Door frame	WHITE BEACH/ WHITE CEADER
5	Modular furniture	GODREJ/ DÉCOR X/ SPACE WOOD/ METHODEX
6	Modular Toilet	MARINO/ GREEN
7	Fire Reterdent Paint	INDUSTRIAL GRADE OF NOBLE / VIPER
8	Plywood/ Block board (BWR GRADE)	GREEN PANEL, CENTURY, GREEN PLY
9	Flush Door	GREEN PANEL, CENTURY, GREEN PLY
10	Laminate (1.0mm thk.)	MERINO, GREEN LAM, CENTURY, SUNMICA
11	Door Closure	GODREJ/ ARCHI (HEAVY DUTY)/ DORMA
12	Floor Spring :	GODREJ/ ARCHI (HEAVY DUTY)/ DORMA
13	Mortice Lock, Fitting	GODREJ, LINK
14	Handle	GODREJ/ HAFEKE/ DORSET
15	Screws	GKW / NETTLE FOLD/ APPROVED EQUIVALENT
16	Hinges	DORSET/ GARG/ EBCO
17	Sliding Drawer Channels	EARL BEHARI / CIEF
18	Adhesive	FEVICOL SH / PIDILITE (only marine type is allowed)
19	Soft board	JOLLY BOARD/ APPROVED EQUIVALENT
20	Vertical Blinds	MAC / ANNUMS/ UNIVERSAL/ VISTA
21	PVC Flooring	KRISHNA VINYL/ ARMSTRONG/LG
22	Glass	MODIGUARD / SAINT GOBAIN
23	Ceramic Tiles	KAJARIA/ JHONSON/ CERA
24	Vitrified Tiles	KAJARIA/ JHONSON/ CERA
25	Tiles Chemical	Bal-endura / Latticrete
26	European WC / Wash Basin	Parryware / Hindware/ JAQUAR (in white colour)
2	Sanitary Fittings	Jaquar / CERA/ HINDWARE
28	G.I Pipe (For Plumbing)	Tata / Jindal / Bansal
29	P.V.C Pipe (For Plumbing)	Supreme / Oriplast/ FINOLEX
30	Readymade Keyboard / CPU Trolley (metal)	Ebco / Dortel
31	Paints (Enamel / Acrylic Emulsion)	Asian Paints/ Nerolac/ ICI (as per BANK APPROVE COLOR)
32	Mirror	Modiguard / Saint Gobain
33	Carpet	Synthetic (Close loop)
34	Wood Preservatives	STP Pentaphene Pale / Chloriphyrophosh/BISON by BRITISH PAINT
35	Chairs	Décor - X/ GODREJ/ FEATHER LITE/ METHODEX
36	Wall Paper	Menara/Legend
37	All other items not covered above	As per sample approved by Employer /Consultant.



LIST OF APPROVED MATERIALS FOR ELECTRICAL WORK AT INDIAN BANK, DURGAPUR BENACHITY BRANCH

SL NO	ITEM	APPROVED MAKE
1	MS pipe ISI mark. 16 SWG	BEC / NIC
3	M.S. fittings (Bend / Elbow / G.I Saddle / 3way circular box)	BEC / NIC
4	PVC Copper Wires insulated HR-FR-LSH-LF (Heat Resistant Flame Resistant Retardant Low Smoke halogen- Lead Free – To be ROHS Compliant	Finolex / Havells / Polycab
5	A.C. Starter	North-West / Crabtree/ MDS Legrand / indoasian
6	250 Volt 6/16 Amp. 3 pin modular type switch, socket	MDS Legrand / Crabtree / ABB/ Havells/ Anchor Roma
7	Capacitor	Havells / L&T
8	Current Transformer	Kappa / L&T/ Schneider (CG) A.E
9	Changeover Switch	L&T / HPL / GEC / Havells
10	Amps meter & Voltmeter 96x96 mm (Analog)	AE / IMP / L&T / ALSTOM / HPL / Havells
11	Miniature Circuit Breaker & MCB Distribution Boards, RCBO	MDS / ABB / L&T(Hager) / Schneider(CG)/Siemens/LK Fuga / Havells
12	Armoured Cable	NICCO / Fort Gloster / Havells/ CCI
13	Telephone Socket RJ – 11	Crabtree / ABB / MDS Legrand
14	Telephone Cable (0.51mmsq) 10/20 pair	National / Delton / Netco / Finolex / Retco
15	Lugs	Dowells
16	Light Fittings/ Fixtures	Havells / Philips
17	Terminal Connector	Havells
18	Exhaust Fan	HAVELLS / Crompton
19	Wall mounted (Osylating Type) / Pedestal Fan	HAVELLS / Crompton / Orient
20	SFU / SPN / TPN S.M. housing / Open execution front handle with housing	L&T / Siemens / Havells
21	Telephone Connector	KORN type
22	Selector switch (Rotary type)	Kaycee / A.E / L&T/ Siemens
23	Rigid PVC conduit	B.E.C., Kalinga, Plaza, AKG, Precession
24	Sliding fuse / DZ fuse	Bharat Lender / BCH
25	Clock switch/time switch	L&T, MDS, GIC, T&C
26	PVC Tape	Steel Grip / Anchor
27	Join box 6"x4" MS box heavy type	Local make
28	Bearer Call Bell	Anchor / Max / Roma
29	Brass Cable gland	Arun(heavy type) / Dowells
30	LED Indicator (bright type)	Mikadov / L&T / MDS
31	PVC flexible pipe	Hanuman / Precession / Kalinga
32	MCCB	Siemens / L& T / Havells
33	Metal Clad socket & plug having scraping earth arrangement	Siemens / L&T / MDS / Schneider
34	All other items not covered above	As per sample approved by Employer/Consultant
35	SPLIT AIR CONDITION UNIT	CAREER/HITACHI/LG/DAIKIN

Note –

1. Materials mentioned in the specification shall be used for the work. If specified material is not available prior approval of the Employer shall be taken to use other brands.
2. Preference of makes, supply of items should be consulted with client/consultant before effecting of supply.

SIGN & SEAL OF THE CONTRACTOR

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INDIAN BANK , DURGAPUR BENACHITY BRANCH				ARCHITECT	
				SANJOY PAUL & ASSOCIATES	
COST ESTIMATION WITH SCHEDULE OF SPECIFICATIONS AND QUANTITIES FOR INTERNAL FURNISHING WORKS OF BENACHITY BRANCH, INDIAN BANK					
A	PARTICULARS	QTY	UNIT	RATE	AMOUNT
1.	FALSE CEILING (Gypsum board and 2'x2' grid ceiling)				
	A. FALSE CEILING (GYPSUM BOARD) ; Providing & Fixing gypsum board false ceiling system in 2 steps / In combination the grid ceiling Armstrong tiles ceiling vertical profile using 12.5mm gypsum plaster board on G.I.metal frame work. The frame work made up of perimeter channels of 20 x 27 x 30 x 3657mm fixed on wall & partitions and ceiling sections of 80 x 26 x 0.5x 3657mm as a cross member provided at 457mm c/c and the intermediate channel of 15x 45x.09 x 3657mm as a main runner at 1220mm c/c suspended by means of G.I.angle 25 x 25 x .05 mm from the existing ceiling by means of M.S. rawl plug with bolts/screws at 1200 mm c/c max. The joints of gypsum board to be taped 3 times and sealed with jointing compound. Finished with one coat of primer and min 3 coats colour or matching spectrum colour complete as per detail and specifications in drawing incl. all lights, diffuser cuttings complete.	900	sft		
	Drop ceiling .Rate to include the drops also to be paid in rft .	100	rft		
	B. FALSE CEILING (GRID) ; Providing & fixing Grid false ceiling (Armstrong) with 12mm thick mineral fibre acoustic tiles with crisp finely granulated surface in bright colour Prima regular Fine Fissured RH 99 with Armstrong TL 24mm exposed grid Tee section, exposed face shall be powder coated (white), main runner shall be Tee-shape section with single rotary stitching of size 24 x 38mm , 3.6m long with cross runner of tee shape section with single rotary stitching of size 24x30mm @1.2m with 24 x 25mm runner @ 0.60m c/c, with Armstoring suspenders, perimeter channel of size 22 x 22mm (white) all complete in all respect as per manufacturer's specifications.	1300	sft		
2 .	PARTITION				
	Providing and fixing partition in position as per design with 2"x 1.5"sal wood finished section frame work @ 2'-0" c/c both ways screwed to the floor and ceiling with M.S. Cleats and to be treated with anti termite oil. The frame work will be cladded with 6 mm thk. BWP and termiteproof plywood both side and to be finished with approved 1.0 mm laminate (with vertical grain and groove in between the laminate portion) as per design with approved band adhesive, extra frame work to be fixed for fixing glass. In the glazed partition 10 mm thk. Modiguard/Saint Gobain clear float glass with film sheet on top to be provided, duly fixed with white beach/white cedar lipping 50 mm x 25 mm all complete duly reddish brown/ rose wood colour polish with melamine finish or stainless steel glass clips on both sides of the wooden support to fix up the glasses . The work should be completed as per specification, design & approval of the Architect. For the door 32 mm solid core bwp Flush door with a frame work of white beach/ white cedar size 75 mm x 62.5 mm with necessary hold fast fixed to the wall/partition, finished with 1.0 mm laminate and lipping in all sides and 1.5" x 1.5" white beach/ white cedar wooden moulding to be provided along the periphery of the door frame. supplying and fixing door accessories as door closure, brass hinges, Cylindrical / Night latch locks and s.s handle. Laminated skirting of 4" ht. as per approved colour to be placed all around the partition as per direction and colour code of INDIAN BANK				
2.A.	Partly glazed partition				
a	PARTLY GLAZED PARTITION upto 4' ht	120	sft		
b	PARTLY GLAZED PARTITION upto 8'-6" with 7' ht. door for CASH CABINS, MANAGER'S CABIN	650	sft		
c	BLOCK PARTITION -Upto 8' ht. , ceiling ht and sofit of beam	510	sft		
d	10 mm th.. TOUGHEND GLASS at cash counter at front with 3"dia central gap for communication and 2.5" gap throughout at the bottom of the glass . And at the front of all open counters upto 1'-6" ht.	48	sft		



3.	Main Entrance Door				
	Providing and fixing glass door -2 way - 4'-6" x 7'-1 no for main entrance. .A white beach wood frame size- 6" x 2" as top and bottom rail with a decorative handle of 600 mm of approved brand, floor spring , locks, etc all complete. 12 mm thk. toughened glass with glass films on top as directed and INDIAN BANK logo to be provided and edge should be machine beveled polished. The work to be completed as per design and specification of the architect all complete. the wooden portion to be duly melamine polished.	31.5	sft		
	TABLE				
4	Providing and fixing tables made out of 18 mmth. blockboard of approved make cladded with 1.0mm laminate (color with vertical grain) as per design in all visible areas. All the exposed edges to be covered with wooden lippings and mouldings to be reddish brown or rosewood colour polish with melamine finish. The drawers are to be made out of 18 mm thk. plywood duly 1.0 thk. laminated in the front, sides to be made out of 18 mm blockboard and bottom to be made out of 6 mm BWP and termiteproof plywood and it should play in drawer telescopic sliding channels. The inside of the drawer and the table to be duly polished. A legrest to be provided duly polished made out of 18mm thk.blockboard. A shutter to be made by 18mm th. blockboard cladded with 1.0mm laminate. The necessary locks' handles to be provided in each drawers and shutters. The table should have wooden key board tray and ups trolley. The necessary wire managers to be provided on the tables and provision for lights to be kept in the front of the table. CPU to be fixed with the table at the bottom and it should not be placed on the floor or on the trolley.The work to be completed as per design and approval of the Architect. 12 mm th. clear glass on top of branch manager table . 100 mm skirting of approved colour code to be fixed at 750mm level below the table top and at the bottom of the table as per direction of Architect.				
a	.Manager ---6'-0" x 3'-0" ---1 no.	18	sft		
b	Officers --- 5'-6" x 2'-6" ---1 no + 6'-6" x 2'-6" ---1 no	30	sft		
5.	Cash / Open Counter				
	Providing and fixing top, front & side of cash counter made out of 18 mm BWP and termite proof blockboard as per design cladded with 1.0 mm thk. Laminated on side and front & the edges to be finished with necessary white beach or white ceader lippings, mouldings, etc. Special 6" drawer to be made for the cash with dividers of 12 mm plywood. the front of the drawer made out of 18mm blockboard finished with 1.0 mm laminate, sides 12 mm th. plywood and bottom to be made of 6 mm plywood. the inside and sides of the drawer to be duly polished. The drawers and shutters to be provided with necessary drawer sliding channels, hinges, locks etc. A leg rest to be provided made out of 18 mm thk. blockboard duly polished. Inside of the unit to be polished in the matching tone. All visible areas to be covered with beach or ceader lippings, mouldings with reddish brown colour polish. Wire manager, CPU trolley, keyboard tray to be provided. 4" ht. laminated skirting to be provided in all visible ares and 12 mm thk. x 18" wide Plain Glass to be provided at counter top customer face horizontally at 3'-9" lvl. The work should be completed as per specification. Cash counter --9.0 rft Open counter -- 25 rft (spec. same as above).	9	rft		
		25	rft		
6.	Side Units : Low ht. Cabinet				
	Providing and fixing Side Unit/Back Unit made out of 18 mm th. blockboard finished with 1.0mm laminate in all exposed areas. The drawers to be made out of 18 mm blockboard in the front cladded with 1.0 mm laminate, side to be made out of 12 mm plywood and bottom made out of 6mm plywood duly painted in matching tone and it should play on drawer sliding channels. The shutters to be made out of 18mm blockboard and should play on drawer sliding castors on powder coated channels. The necessary locks, handles, etc to be provided. 4" laminated skirting to be provided all along the visible areas. Inside of the unit to be enamel painted in matching tone. All the exposed edges of the boards/plywoods to be covered with wooden lippings/mouldings duly polished all complete. The work to be completed as per approval and specification of the Architect. low ht. . cabinet --(11') x 3'-6" ht. + low ht. cabinet --- (3'-3" x 1 no) x 2'-6" ht. for branch	46.63	sft		



7.	Standing Writing Ledge				
	Providing and fixing writing ledge with 10" wide as per design made out 18mm blockboard with necessary groove patterns 1.0mm laminate (color, vertical grain) to be cladded. 12 mm thk. machine polished glass to be provided on top of the writing ledge. Small boxes to be made out of 18 mm th. blockboard to be made on top of the writing ledge finished with 1.0 mm laminate , inside enamel painted. The ledge finished with 1.0mm laminate, inside enamel painted. The work to be completed as per design and approval of the Architect. - 5 ' x 1 no.	5	rft		
8	Venetian Blinds				
	Providing and fixing venetian blinds of approved shade. The rate shall include necessary scoch guard treatment on both side. The work to be completed as par specification and approval of the Architect.	0	sft		
9	Synthetic Door Mat				
	Providing and fixing synthetic door mat 6 mm thk. As per approval of the Architect.	0	sft		
10	Notice board				
	Providing and fixing soft board with necessary frame work with 12 mm bwr plywood on top jolly board to be fixed finished with fabric @ Rs. 100, with necessary moulding duly polished along the periphery.	24	sft		
11	Complain and Cheque drop box				
	Providing & fixing Sal wood frame, fixing of 12 mm plywood with 1 mm thk. laminate finish, openable shutter for outside area. 8"wide x 18" length x 15"ht x 2 nos	4	sft		
12	FIREPROOF PARTITION FOR UPS ROOM				
	Providing and fixing partition with aluminium frame of section 50 mm x25mm x1.5mm with a grid of 600 mm x 600 mm. The frames are to be filled up with Cement boards (EVEREST / CHARMINAR / BISAKA) to be fixed on both sides and screwed to the frame . All exposed surfaces to be finished with putty, primer and two or more coats acrylic emulsion paint.The Aluminium channels are to be fixed on the floor and screws rigidly as per instruction.The grid shall be framed using suitable screws, angle sections . This work to be done for UPS room and one side of Chief manager's room adjacent to the UPS room . Rate to include supply and fixing the door also with all necessary hardware fittings and fixtures as per site dimension.	100	sft		
13	Wall and Column panelling				
	Providing and fixing partition for wall and column paneling as per design with 2" x 1.5" sal wood frame work fixed to the column and wall. The frame work will be cladded with 6 mm thk. BWP and termite proof plywood and to be finished with approved 1.0 mm laminate as par design with approved band adhesive, extra frame work to be fixed for fixing glass. In the glazed partition 6 mm thk. Modiguard / Saint Gobain clear mirror glass to be provided duly fixed with White beach/ White ceader lipping 50 mm x 25 mm all complete duly reddish brown colour polished with Melamine finish. The work should be completed as per specification, design & approval of the Architect.	0	sft		
14	Dismantling the present set				
	TOTAL FURNISHING				



COST ESTIMATION WITH SCHEDULE OF QUANTITIES OF ELECTRICAL WORKS FOR INDIAN BANK -
DURGAPUR BENACHITY BRANCH

Sr. No.	Description	Unit	Qty.	Rate	Amount (In INR)
A	PANEL & DISTRIBUTION BOARDS.				
1	Supplying, Fabricating, assembling, inter-connecting, testing and connecting with incoming and outgoing power cables and lines as required to complete the job of CUBICAL TYPE ELECTRICAL PANEL made from 14 SWG CRC M.S sheet with proper earthing terminal(Nut-bolt and washer)-02 nos. outside panel, same nut-bolt to tighten with internal earth bus-bar of panelsituated inside loose wire box (on top portion of the panel). On top side of the panel, cable entry arrangement is to be done for incoming and outgoing of lines. One 6" x 4" enamel type 440 Volts danger board to be fixed on the main panel busbar cover. All switches are front handle operated and all MCB knob should be visible. All componenets are to be provided in separate compartment and only DBs in one compartment. The main componenets are	set	1		
a	200 AMPs MCCB, 50 KVA as main	set	1		
b	100 AMPs 4Pole Cu.Busbar for BRANCH	set	1		
d	100 AMPs 4 Pole ChangeOver Switch	No.	1		
e	100 AMPs 4 Pole MCCB as DG	Nos.	1		
f	63 A 4P TPN MCB (For 5 KVA UPS)	Nos.	2		
h	4 WAY TPN MCCB DB for AC with INCOMING 63A 4POLE MCB and OUTGOING 12 nos.20/32 Amp SPMCB	Nos	1		
j	63 Amps TPN MCCB (25 KA) in metal sheet housing from BUSBAR outgoing for AIRCONDITIONER DB	Nos.	1		
k	32 AMPs DP MCB as glow sign board main	Nos.	1		
l	AMPs meter 0-100 AMPs with 3 Nos. CT & selector switch 96 x 96 mm-01 set (A.E make) (CT ratio 100/5) A.E. make	set	1		
m	Voltmeter-0-500 Volt A.C. 50 Hertz 96 x 96 mm with selector switch (A.E make)-01 set	set	1		
n	22 mm dia LED indicator Lamp	Nos.	3		
o	02 AMPs sliding fuse	Set	3		
p	150 x 100 mm enamel danger board 440 Volt(to set on bus bar cover)	No.	1		
2	Supply and fixing of 200 AMPs TPN HRC type at WSEB for main incoming on MS angle frame and 02 nos. cable end box including connection	Nos.	1		
3	Supplying, installation and Termination of UPS out-going power distribution system with 8 way TPN DB comprising of 10 AMPs SP MCB and 32 AMPs DP RCBO 300 MA as main (MDS make) IP-42 protection with double door. Power is to be taken from existing DB.	Nos.	1		



4	6-WAY TPN MCB DB with 63A TPN MCB as main (Power DB) 25 A SPMCB-10 Nos., 20 AMPs SP MCB-06 Nos., 16 A SPMCB-02 Nos., Neutral Bar-01 set for Branch	Nos.	1		
5	4-WAY TPN MCB DB with 40A TPN MCB as main (Lighting DB) 16 AMPs SPMCB-03 Nos., 10 AMPs SP MCB-09 Nos., Neutral Bar- 1 set for Branch	Nos.	1		
	TOTAL FOR PANEL AND DISTRIBUTION BOARD (Rate Including Sl. No. 1 to 5)				
B	CABLES AND CABLE END TERMINATION				
1	Supply & Fixing 4.0 C X 50 Sqmm Alu. armoured Cable of PVC Insulated PVC innersheathed, 1100V Grade with 2 nos 8swg GI wire as running, (From WBSEDCL Meter room to SFU) + (SFU to C/O switch) + C/O switch to BUSBAR)	Mtr	65		
2	Supply & Fixing 4.0 C X 35 Sqmm Alu. armoured Cable of PVC Insulated PVC innersheathed, 1100V Grade with 2 nos 8swg GI wire as running, From DG to SFU	Mtr	70		
3	Supply & Fixing 4.0 C X 25 Sqmm Alu. armoured Cable of PVC Insulated PVC innersheathed, 1100V Grade with 2 nos 8swg GI wire as running, From BUSBAR to RAW POWER & LIGHTING DB.	Mtr	28		
4	Supply & Fixing 4.0 C X 16 Sqmm Al. Ar. Cable From Panel to Raw Power & Lighting DB, AC DB	Mtr	24		
5	Supply & Fixing 4.0 C X 6 Sqmm Cu. PVC Insulated wire in PVC Conduit (from panel to UPS)	Mtr	8		
6	Supply & Fixing 4.0 C X 6 Sqmm Cu. PVC Insulated wire in PVC Conduit (from UPS to UPS DB)	Mtr	20		
7	Supply & Fixing Cable End Termination.				
a	4.0 C x 50 Sqmm Al. Ar.	Nos	1		
b	4.0 C x 35 Sqmm Al. Ar.	Nos	1		
c	4.0 C x 25 Sqmm Al. Ar.	Nos	2		
d	4.0 C x 16 Sqmm Cu.	Nos	2		
	TOTAL OF CABLE AND CABLE END TERMINATION				
C	WIRING				
1	Wiring for Light Point with 20 mm PVC pipe with 2 x 2.5 sq. mm + 1 x 1.5 sq. mm copper conductor FRLS wires only instead of 1 x 1.5 sq. mm + 1 x 1.5 sq. mm. green earth wire for light Points as reqd. complete with modular switch with front plate.				
a	One light controlled by 6A switch	Nos.	12		
b	Two light controlled by 6A switch	Nos.	10		
c	Three light controlled by 6A switch	Nos.	4		
d	Exhaust fan and Wall bracket point with 6 A sw complete with modular switch plate & M.S conceal box & 3 pin ceiling rose	Nos.	12		



e	Call bell point with push type switch, modular plate & M.S. conceal box with buzzer or ding dong type bell	Nos.	1		
2	RAW POINT WIRING-The wiring shall pass through PVC pipe of 20 mm dia with ISI mark to conceal on wall below false ceiling mending good all the damage				
a	Supply, laying of circuit line 2x2.5 sq.mm +1 x 1.5 Sq.mm PVC insulated copper wire from MCB type lighting DB to 6 amp plug points (3 nos. 6 Amps plugs to be connected from one circuit line)through HMS grade PVC conduit	Mts.	288		
b	Modular type 6 A switch with 6A 5 pin socket . Mounted on suitable front plate	Nos.	13		
c	Wiring for Power Point 6/16 A Switch & Socket with 25mm PVC pipe with 2x2.5 Sqmm wire and 1x1.5 Sqmm green earth wire for Power Points as reqd. This line has to be drawn from the power DB. (02 nos. plugs to be connected with one circuit)	Mtr	225		
d	Modular type 6/16 A switch. with 16A 5 pin socket . Mounted on suitable front plate	Nos.	10		
3	UPS WIRING				
a	Wiring for Power Point 6/16 A Switch & Socket with 25mm PVC pipe with 2x2.5 Sqmm wire and 1x1.5 Sqmm green earth Copper wire &FRLS type through PVC casing 20 mm dia 16 SWG with ISI mark to lay from UPS MCB DB to plug point board	Mtr	250		
b	Supply and fixing of 2 x 6 Amps 5 pin socket + 1 x 16 amps 6 pin socket in single board (under table) + 1 x 16 A switch (Modular switch + socket) in another board above table as per direction	Set	10		
c	Do- but 3 x 6/16 , 6 pin socket with three control switch to provide near HUB Rack and line printer to be connected from UPS power.	Set	1		
d	Supplying, installation of UPS incoming 32 Amps industrial socket with 32 Amps TPMCB (2 nos. for out going and 2 nos. for incoming)	Nos.	2		
	TOTAL OF WIRING				
D	DATA / TELEPHONE-LOW VOLTAGE SYSTEM				
1	Supplying, laying and connection of telephone points with 2 pair 0.51 sq.mm tinned Cu conductor through LMS PVC conduit ISI mark from telephone point to Krone DB complete with RJ 11 telephone socket modular type in PVC concealed box.				
2	Do- 10 pair 0.51 sq.mm copper conductor telephone cable in 20 mm dia PVC pipe				
3	Supply, fixing and connection of 10 pair KRONE connector DB complete with PVC moulded Telephone DB box with locking system				
4	Supply & Connecting Telephone Handset.Beetal M51 or C51 black Colour Corded land line phone				



5	Providing and laying PVC pipe complete as reqd. for Data/Telephone-Low Voltage System 25 mm				
	TOTAL OF DATA/TELEPHONE-LOW VOLTAGE SYSTEM				
E	FIXTURES.				
1	2'-0"x2'-0" Surface LED (Wipro /PHILIPS/ HAVELLS make)	Nos.	16		
2	Supply and Fixing of 1x36/40 Watts 4' length Slim Hunging LED Tube Light (Philips/Wipro/ HAVELLS Make)	Nos.	4		
3	Supply and Fixing of 1x36/40 Watts 2' length Slim Tube Light for Coffe Lights Philips/Wipro / HAVELLS Make) (toilet and cash counters)	Nos.	5		
4	Supply and Fixing of Modular Downlighter of 170mm size with 14 watts Led Fixtures. Philips/Wipro / HAVELLS Make	Nos.	16		
5	Supply and Fixing of Wall Mounted fan complete with all fitting and mending good all damages	Nos.	12		
	TOTAL OF FIXTURES				
F	A / C SYSTEM				
1	Suppy & fixing of starter with 3 pin plug in recessed MS box suitable for 1.5TR AC/2 TR AC	Nos.	10		
2	Supply and Fixing in HMS grade PVC Pipe with 2x4 Sqmm + 1x 2.5 sq.mm Cu. Cable For Single phase A/C Point Complete & reqd.	Mtr	325		
	TOTAL OF A/C SYSTEM				
G	GLOW SIGN BOARD				
1	Supplying, laying of main line with 2 x 2.5 sq. mm + 1 x 1.5 sq. mm through M.S conduit from main panel to glow sign board	Mtr	40		
2	Supplying , fixing of 16 Amps DP MCB at main entrance with Glow sign board timer (24 hours in original housing)	set	1		
	TOTAL OF GLOW SIGN BOARD				
H	EARTHING				
1	Supply & Fixing 25 mm PVC Pipe with 8 SWG 2no, Copper wire for Earthing.				
2	Supply & Fixing 25x 3 mm GI Earth Strip 2no,Earth pit to Panel.				
3	Providing Raw earthing station at location as called for including providing 600 mm x 600 mm x 6 mm thick tinned <u>GI electrode 2 Nos 50 x 6 mm GI strip up to ground level 20mm dia medium class GI pipe</u> (India Tube Company make or approved equal) CI funnel with 20 gauge GI wire mesh, masonry chamber with concrete base, CI man-hole cover with frame (300mm x 300mm) and bitumastic paint and packing the fixture of charcoal and common salt around plate electrode complete as per I.S. (Minimum depth shall be 3.0 M) (for Body earthing) - The resistance of the earth system shall not exceed 1 ohm				



4	Providing UPS earthing station at location as called for including provid-ing 600 mm x 600 mm x 3 mm thick tinned copper electrode <u>2 Nos 50 x 6 mm copper strip up to ground level 20mm dia medium class GI pipe</u> (India Tube Company make or approved equal) CI funnel with 20 gauge GI wire mesh, masonry chamber with concrete base, CI man-hole cover with frame (300mm x 300mm) and bitumastic paint and packing the fixture of charcoal and common salt around plate electrode complete as per I.S. (Minimum depth shall be 3.0 M) (One for equiment earthing & technical earthing, another for Neutral earthing) - The resistance of the earth system shall not exceed 1 ohm				
	TOTAL OF EARTHING				
J	COMPUTER LAN				
a	Supply,installaation of rigid PVC conduit accessories bent flexible conduit etc and fixing by PVC bar saddle on wall or wooden surface	95	mt		
b	Supply ,installation of UTP wiring in prelaidd PVC conduit	95	mt		
c	Supply,installation of UTP cable patch chord 2 mts. Long including termination and socketing		Each		
d	Supply and fixing of RJ-45 UTP formation outlet -Cat-6e (1 module) with front cover plastic /flush metal box on surface of wall	8	Each		
e	Supply and fixing of 24 port D-Link make 10/100mbps switch and front plate with cover flush metal box on surface of wall		each		
f	Supply and installation of Cat-6-24 port patch panel		each		
g	Supply and installation of 9U Metal rack HCL		each		
h	Supply and installation of UTP cable patch chord 1 mt including terminating and socketing Digi Link	8	Each		
	TOTAL OF COMPUTER LAN				
	TOTAL ELECTRICAL WORKS				



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FIRST FLOOR PLAN

Mob: 9333921690

