



NABFINS LTD.

(Subsidiary of National Bank for Agriculture and Rural Development)
No. 3072, 14th Cross, K. R. Road,
Banashankari 2nd Stage,
Bengaluru – 560 070,
Karnataka, India

Tender NO: NABFINS/2024-25/002

TENDER DOCUMENT

**"Interior Works (including electrical, HVAC and security system)
for additional premises of NABFINS HO." at 1st floor, No. 3073,
14th cross, KR Road, BSK 2nd stage, Bengaluru 560070.**

TECHNICAL BID

(DOCUMENTS TO BE ENCLOSED IN ENVELOPE NO. 1)

Name of the Contractor to whom issued or who has downloaded from website:

M/s.

Address

.....

.....

.....

General Manager,
NABFINS Limited
(Subsidiary of National Bank for Agriculture and Rural Development)
No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage,
Bengaluru – 560 070, Karnataka, India

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NOTICE INVITING TENDER

Tender for "Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." at 1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070.

1. NABFINS Limited invites tenders for the aforesaid work. You are requested to submit your offer in sealed envelope for the aforesaid work as per detailed specifications and other requirements as mentioned more specifically elsewhere in this tender document.
2. The work site is situated at **1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070.**
3. General features and major components of work are as under.
 - i. Supply and installation of modular linear work station, officers' tables, partitions and storage units,
 - ii. Supply and installation of chairs, sofa and table.
 - iii. Supply and installation of glass aluminium false ceiling, wooden wall panelling, painting, carpet floor tiles, etc.
 - iv. Supply and installation light fixtures, electrical wiring, earthing, telephone and network systems and UPS.
 - v. Supply and installation VRV modular type outdoor unit, cassette and HI wall units, refrigerant piping.
 - vi. Supply and installation CCTV system, access control system, fire detection and alarm system, PAS, etc.

The above components are mentioned to give the tenderer only an idea of the type of work involved. The Employer will have the option to exclude any of the above items at the time of purchase and or include any other item as per their requirement. All the work shall be as per specification & BOQ.

4. Interested bidders shall submit their bids document within the deadline stated above and in compliance with all the terms stated herein. Any proposal received after the prescribed deadline will be returned unopened to the Bidder.
5. The Time allowed for carrying out the total work will be **45 days**.
6. PDF copies of drawings and documents pertaining to the works are attached as a part of the tender
7. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A tendered shall be deemed to have full knowledge of the site whether he inspects it or not and no extra. Charges consequent on any misunderstanding or otherwise shall be allowed. The tender shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity,

access, facilities for workers and all other service required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract and has made himself aware of the scope and specifications of the work to be done and local conditions and other factors having a bearing on the execution of the work.

8. The tender document can be downloaded from the website mentioned herein <http://nabfins.org/> during the period 26-April-2024 to 16-May-2024
9. Interested bidders should check for any correction, corrigendum and addendums related to this tender notice on website before submitting their Tender.
10. Tender documents consisting of proforma of detailed plans, technical specification, schedule of quantities of the various classes of work to be done, is attached with this letter.
11. Sealed offers in two separate sealed Envelopes indicating clearly '**Envelope No.1 – Technical bid**' and '**Envelope No. 2 – Financial bid**', should be addressed to **General Manager, NABFINS Limited, No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka, India** and super scribed "**Tender for "Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." at 1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070**". The tender should be submitted not later than May 16th, 2024 at 5.00 p.m.
12. **Envelope No.1** shall contain;
 - a. Tender with every page signed and stamped.
 - b. Bar Chart indicating the program for the execution of the work.
 - c. The Bidder shall furnish an EMD for **Rs. 1,32,500/-** (Rupees one lakh thirty two thousand five hundred only) in the form of Demand Draft / Pay order drawn on any nationalized Bank in favour of "NABFINS Ltd." payable at Bengaluru.
The EMD can also be deposited online to SBI Bank A/c No.**32635856611** ISFC code: **SBIN0003286**
The Tender without EMD shall be rejected out rightly. No interest is allowed on the EMD.
 - d. Power of attorney authorizing the person to sign the tender.

Note:

 - *EMD is compulsory for all the bidders. Tenders without requisite earnest money will be summarily rejected.*
13. Envelope No. 1 will be opened on May 17th, 2024 at 3.00 p.m. in the presence of contractors' representatives, should they choose to be present.
14. **Envelope No. 2** shall contain:
 - a. Financial bid and addressed to **General Manager, NABFINS Limited, No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka,India.**
 - b. Envelope No. 2 shall not contain any conditions whatsoever and any conditional bids shall be rejected.
 - c. Envelope No. 2 containing financial bid envelopes shall be opened only in respect of those

tenderers who have complied with the requirements as laid down in pre-qualification criteria. Opening of financial bid envelope/s shall be done at a later date which shall be intimated after scrutiny of the documents submitted by tenderers.

15. In case the last date of receipt or opening of the tenders is declared as holiday, the receipt and opening of the tenders will be on next working day without change of time and venue.
16. Tenders received late on account of any reason whatsoever and Tenders in telegraphic or facsimile transmission are liable to be rejected.
17. No Price or technical conditions or clarification of any sort shall be indicated by the Bidder in Envelope otherwise, the Tender shall be summarily rejected.
18. Any Tender which proposes any alterations to any of the conditions laid down or proposes any other conditions of any description whatsoever shall be summarily rejected.
19. Tenders not submitted in the prescribed forms are liable to be rejected.
20. The contractors are advised to attend the Pre-bid meeting on **May 8, 2024 at 3.00 p.m.** and seek the clarifications. All the clarifications will be part of the Tender and will be uploaded on the website subsequently.
21. Before filling up the tenders, the Contractors may note the following:
 - a. The bids shall remain valid and open for acceptance for 3 months from the date of opening of Envelope No. 1. If the tenderer withdraws his tender before the expiry of the said period or makes any modifications in terms and condition of the tender which are not acceptable to the NABFINS, then NABFINS without prejudice to any other right or remedy will be at liberty to forfeit the earnest money.
 - b. Time of Completion: Time is the essence of the contract. The Contractor shall be allowed to execute the work after working hours, nights and on holidays, with the prior permission from NABFINS authority. No extra payments will be made for the work being done during the odd hours. Date of commencement shall be one-week from the date of issue of work order to the contractor. The work shall be completed in **45 days** from the date of commencement. The successful Contractor shall have to give bar/activity chart of various activities of works to be done so that the work gets completed within the stipulated time. The bar chart shall be submitted within 7 days from the date of acceptance of the tender.
 - c. Liquidated damages for delay in completion of the works will be levied at 0.25% of the value of the accepted tender for every week of delay or part thereof, subject to maximum of 5% of the value of the accepted tender.
 - d. **The contractors should quote the rate in figures as well as in the words including GST and taking into account of all other taxes etc. and shall be firm for the entire contract period and amount tendered by them.** The rate for each item should be worked out and the requisite total amount shall be calculated accordingly. Rates quoted by the contractor in item rate tender in figures and words shall be accurately filled in so that there is no discrepancy in the rates, figures and words. However, if a discrepancy is found, the rates, which correspond to the total amount worked out by the contractor shall be taken as correct. In case, the rate assessed does not work out by the amount of an item or it does not correspond with the rate written either in figure or in words, then the rates quoted by the contractor in words shall be taken as correct. Where the rates quoted by the contractor in

- figures and in words tally but the amount is not worked out correctly the rates quoted by the contractor will be taken as correct and not the amount.
- e. The Tenderer should provide warranty / guarantee and free service for a period of minimum one year from the date of installation. Undertaking to this effect shall be furnished including loss of time.
 - f. The tender document must be filled in English and all the entries must be made by the hand written or neatly typed. If any of the documents are missing or un-signed in financial bid, the tender shall be considered invalid. In case of technical bid, the details of incomplete or missing documents will be intimated to contractors verbally / writing and the contractor has to submit all those documents within 2 days after opening of the technical bid, otherwise the tender will be rejected.
 - g. It is presumed that the Bidders have examined all instructions, forms, terms and specifications in the bidding documents. Failure to furnish all information required by the bid documents or submission of bid not substantially responsive to the bid documents in every respect will be at the Bidder's risk and may result in the rejection of its bid without any clarifications.
 - h. NABFINS reserves the right to accept or reject any / all tender/s in part or whole of any firm / firms without assigning any reasons for doing so.
 - i. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
 - j. The tenderer should visit the site to ascertain the working conditions and local authority regulations / restrictions if any and other information required for the proper execution of the work.
 - k. The quantities of various items given in the schedule of quantities are approximate. The quantities of work may vary at time of allotment / execution of work. Bank reserves the right to omit / delete any item(s) of work from the schedule at the time of allotment / before. Contractor will be paid for the actual work done at the site duly verified by the architect and concerned official of the bank.
 - l. If the rate quoted by the contractor for any item / items are not workable or abnormally lower than the market rate, the full and final payment of the contractor will be settled after the satisfactory execution of these item.
 - m. NABFINS does not bind itself to accept the lowest or any tender at all. NABFINS also reserves the right to negotiate or partly accept any tender or all tenders received without assigning any reasons thereof.
 - n. Adequate precautions/safety measures should be taken to avoid any damage to the building, vehicles, life, property, etc. Care should be taken regarding building, vehicle parked, water storage, water supply, sewer lines, drainage, electrical cables, telecom cables, and damage/any issue, if any happen, the same should be restored/resettled by the contractor at his risk & cost and he should indemnify the bank from and against all actions, claims, damages, demand of any nature, kind whatever which may be instituted, prepared, claimed or made against the NABFINS.
 - o. It must be noted that work being near the office environment, the contractor shall create least disturbance while undergoing work, debris shall be removed without creating any inconvenience, all input materials delivered to the site shall be loaded and unloaded without creating any disturbance.
 - p. The contractor shall be responsible for injury to person or things and for damages to the property which may arise from omission or neglect of the contractor or their employees, whether such injury or damages arises from carelessness, accident or nay other cause whatsoever, in any way connected with carrying out of the work and cost incurred for the

- injury and damages shall be charged upon the contractor from the next bill.
- q. Any discrepancies, omissions, ambiguities in the tender documents, if any, or any doubt as to their meaning should be reported in writing to the General Manager, NABFINS Limited, No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka, who will review the questions and if information sought is not clearly indicated or specified, NABFINS will issue clarifications to all the tenderers which will become part of the Tender Document. NABFINS will not be responsible if the discrepancies, omissions, ambiguities in the tender documents or any doubts as to their meaning are not brought to the notice of NABFINS before three working days prior to the last date of submission of the tender. In case of any discrepancy, the decision of NABFINS shall be final.
 - r. The successful Contractor shall execute an agreement on non-judicial stamp paper with NABFINS in accordance with the standard format enclosed (articles of agreement) within 15 days from the date of issue of work order failing which the Contractor's EMD may stand forfeited.
 - s. You have to clean and wash the entire working area thoroughly after removal of debris out of work site to the safe limit earmarked in the premises on daily basis and remove debris out of the premises and dump to BBMP dump yard periodically.

Yours faithfully,

General Manager,
NABFINS Limited
(Subsidiary of National Bank for Agriculture and Rural Development)
No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage,
Bengaluru – 560 070, Karnataka, India

FORM OF TENDER

Date:

General Manager,
NABFINS Limited
(Subsidiary of National Bank for Agriculture and Rural Development)
No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage,
Bengaluru – 560 070, Karnataka, India

Dear Sir,

Tender for "Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." at 1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070.

I / We the undersigned have carefully gone through and clearly understood, after visiting the site, the tender drawings and tender documents comprising of the tender form, Notice of Tender, General terms and conditions of tender, Special conditions, Specifications and Schedule of quantities prepared by your Architect, KAREKAR AND ASSOCIATES, No. 282, Ground Floor, 14th Cross, HIG Dollars Colony, Bengaluru 560 094, KARNATAKA.

I / We hereby offer to execute the works specified in the said Memorandum within the time specified, at the rates mentioned in the Financial Bid and in accordance in all respects of the tender and with such materials as are provided for, by and in all other respects in accordance with such conditions so far as they may be applicable.

I / We do here by undertaken to execute and complete the whole or part of the work (as desired by you) at the respective rates quoted.

In the event of this Tender being accepted I / We agree to enter into an agreement as and when required and executed the contract according to your form of Agreement, in default whereof, I / We do hereby bind myself / ourselves to forfeit the aforesaid deposit.

I / We further agree to complete the work included in the said schedule of quantities within **45 days** from the date of commencement. Date of commencement shall be one-week from the date of the acceptance letter is issued to the contractor.

I / We agree to employ only those sub-contractors; approved by Architects / Employer. I / We agree to provide the list of all the sub-contractors in the beginning or at least one week prior to commencement of the work by the said sub-contractor. In case of non- compliance, I / We authorize architect / bank to stop the work at site.

MEMORANDUM	
Name of the work	"Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." at 1 st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070.
Earnest Money Deposit (EMD)	Rs.1,32,500/- in the form of Demand Draft / Pay order drawn on any nationalized Bank in favour of "NABFINS Ltd." payable at Bengaluru. (OR) Deposited online to SBI Bank A/c No. 32635856611 ISFC code: SBIN0003286
Integrity Pact	The tenderer has to enter into an Integrity Pact with Bank on Rs. 200/- Non- Judicial Stamp Paper as per the format given in 'Annexure A1' to become eligible to participate in the tender.
Time for completion	Date of commencement shall be 7 days from the date of issue of work order to the contractor. The work should be completed within 45 days from the date of commencement.
Initial Security Deposit.	2% of contract value including EMD
Retention Money Deposit	5% from every Running Account Bill
Defect liability period.	12 months

We understand that the time for completion shown above shall be reckoned from the date of commencement of the work.

Should this tender be accepted, I/We hereby agree to abide by and fulfil the terms and provisions or the said Conditions of the tender annexed hereto so far as they may be applicable or in default thereof to forfeit the EMD and pay to the NABFINS Ltd, the amount mentioned in the said tender conditions.

Our Bankers are:

- i.
- ii.

The names of partners of our firm are:

- i.
- ii.
- iii.

Name of the partner of the firm Authorized to sign:

OR

Name or person having Power of attorney
to sign the contract (Certified copy of the
Power of Attorney should be attached):

Yours faithfully,

Signature of Tenderer

ARTICLES OF AGREEMENT
(On Non-judicial stamp paper)

ARTICLES OF AGREEMENT made this day of between the NABFINS Limited (hereinafter called “the Employer”) and having its Head Office at No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka of the one part and (hereinafter called “the Tenderer”) and having its registered office at of the other part.

WHEREAS the Employer is desirous of getting executed Tender for "Interior Works (including electrical, HVAC and security system) for additional premises of **NABFINS HO.” at 1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070** and has caused financial Bid showing and describing the work to be done to be prepared by or under the direction of the Employer.

AND WHEREAS the said technical specifications and the financial/price Bid have been signed by or on behalf of the parties hereto.

AND WHEREAS the Tenderer has agreed to execute upon and subject to the conditions set forth in the Price Bid and Conditions of Contract (all of which are collectively hereinafter referred to as “the said Conditions”) the work shown upon the said technical specifications, and included in the Price Bid at the respective rates therein set forth amounting the sum as therein arrived or such other sum as shall become payable there under (hereinafter referred to as “the said contract amount”).

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration hereinafter mentioned, the Tenderer will upon and subject to the conditions annexed, carry out and complete the works shown in the contract, described by or referred to in the Schedule of Quantities and in the said conditions.
2. The Employer shall pay the Tenderer the said contract amount or such sum as shall become payable at the times and in the manner specified in the said conditions.
3. The said Conditions and Appendix thereto and the documents attached hereto shall be read and construed as forming part of this Agreement and the parties hereto shall be respectively abide by, submit themselves to the said Conditions and the correspondence and perform the agreements on their part respectively in the said conditions and the documents contained herein.
4. This Agreement and documents mentioned herein shall form the basis of this contract.
5. This contract is an item rate contract for the complete work to be paid for according to necessary installation carried out at site.
6. The Tenderer shall afford every reasonable facility for carrying out of all works undertaken by him and shall make good any damage done to walls, floors, etc. after the completion of such works.
7. The Employer reserves to itself the right of altering the nature of work by adding to or omitting any items of works or having portions of the same carried out without prejudice to this contract.

8. Time shall be considered as the essence of this contract, and the Tenderer hereby agrees to complete the entire work within the time period prescribed in the tender reckoned from the date of commencement of the work subject nevertheless to the provision for extension of time.
9. All payments by the Employer under this contract will be made only at Bengaluru.
10. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Bengaluru and only Courts in Bengaluru shall have the jurisdiction to determine the same to the exclusion of all other courts.
11. That the several parts of this contract have been read by the tenderer and fully understood by the tenderer.

IN WITNESS WHEREOF the Employer has set its hands to these presents through its duly authorized officials and the Tenderer has caused its common seal to be affixed hereunto and the said two duplicates/ has caused these presents and the said two duplicates here of to be executed on its behalf, the day and year first herein above written. (If the Tenderer is a company)

Signature Clause

SIGNED AND DELIVERED by

NABFINS Limited
by the hand of
Shri.

The presence of:

Witness #1
Signature:
Name:
Address

Witness #2
Signature:
Name:
Address

SIGNED & DELIVERED by

(Authorised person of Contractor)

If the Contractor is a partnership firm or an individual should be signed by all or on behalf of all the partners.

The presence of:

Witness #1

Signature:
Name:
Address

Witness #2

Signature:
Name:
Address

The COMMON SEAL OF:

was hereunto affixed pursuant to the resolutions passed by its Board of Directors at the meeting held on:

Directors who have signed these Presents

If the Contractor signs under

Common seal, the signature clause should tally with the sealing clause in the Articles of Association

SIGNED AND DELIVERED by the Contractor If the Contractor is signing by the

by the hand of Shri.....
Or authorised by Power of Attorney,
Whether a company or an Individual.

Duly Constituted Attorney.

Witness #1

Signature:
Name:
Address

Witness #2

Signature:
Name:
Address

PRE-QUALIFICATION CRITERIA AND SUPPORTING DOCUMENTS

The Tenderer should have at least 07 years of experience of working with nature of similar works as briefly mentioned below:

A) Tender for "Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." amounting to around **Rs. 66.25 lakh only (Inclusive of GST)**

1. The Contractors having experience of executing above types of interior works under a single contract may apply with detailed certificates / credentials to the General Manager, NABFINS Limited, No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070 Karnataka. The prescribed form can be downloaded from our web site <http://nabfins.org/>
2. The contractors who have minimum 07 years of experience (ending 31.03.2024) in undertaking similar works and who fulfil the following criteria are eligible to tender:

Minimum 07 years' experience in the field of Interior works / fabrication, supply and installation of furniture, which includes all the activities mentioned above.

Should have carried out minimum 1 similar work during last 05 years (ending 31.03.2024) with work order value not less than **Rs. 53 lakhs**.

OR

Should have carried out minimum 2 similar works during last 05 years (ending 31.03.2024) with work order value (individually) not less than **Rs. 33.15 lakh each**.

OR

Should have carried out minimum 3 similar works during last 05 years (ending 31.03.2024) with work order value (individually) not less than **Rs. 26.5 lakh each**.

3. The tenderers should have average Annual Turnover of **Rs. 33.00 Lakhs** during the last three years ending 31 March 2024 supported with copies of audited balance sheets or a registered Chartered Accountant certified statement of accounts.
4. The tenderers should have applicable Tax registrations (GST, PAN).
5. The tenderers should have valid GST No.
6. Tenderers should have a current bank account with a scheduled commercial Bank.
7. NABFINS reserves the right to verify any or all the documents furnished by the Tenderers with any authorities. NABFINS also reserves the right to cancel any or all the applications without assigning any reason thereof.
8. Intending applicants are required to furnish details about their firm/organization, experience, competence etc. as per the proforma. Failing which shall lead to cancellation of application of Tenderer.
9. While deciding upon the selection of Tenderers, emphasis will be given on the ability and competence to do good quality work in accordance with the specifications and within the time schedule.

10. The application form should be signed by a person on behalf of the Firm/Organization, who is duly authorized to do so.
11. If the space in the application form is insufficient for furnishing full details, such information may be supplemented on a separate sheet of paper duly signed.
12. Applications containing false or inadequate information are liable for rejection and Bank reserves the right to blacklist those agencies. Any agency blacklisted /debarred by NABFINS will be ineligible to participate in the tendering process.

PRE-QUALIFICATION RELATED INFORMATION		
Sr. No.	Criteria	Supporting documents to be submitted
1	<p>The contractors who have minimum 07 years of experience (ending 31.04.2024) in undertaking similar works and who fulfil the following criteria are eligible to tender:</p> <p>Should have carried out minimum 1 similar work during last 05 years (ending 31.03.2024) with work order value not less than Rs.53 lakhs.</p> <p>OR</p> <p>Should have carried out minimum 2 similar works during last 05 years (ending 31.03.2024) with work order value (individually) not less than Rs.33.15 lakhs each.</p> <p>OR</p> <p>Should have carried out minimum 3 similar works during last 05 years (ending 31.03.2024) with work order value (individually) not less than Rs.26.5 lakhs each.</p>	Work orders and completion certificates in support of experience to be enclosed.
2	Should have working experience as practicing in Interior works, fabrication, supply and installation of furniture for at least 7 years (ending 31.04.2024)	Experience certificate from the clients / companies to be enclosed.
3	Name & registered address of Contractors	Supporting documents to be attached.
4	The applicant should have qualified engineer/technical personnel with sufficient experience in fabrication of furniture and supervision of interior works.	Organizational set up of the firm including names, qualifications and experience of partners/associates and staff, to be submitted as per enclosed format (Part - I - Basic Information) and (Part - III - Technical personnel & Experience).
5	Important large similar projects executed during the last 7 years by the firm together with approximate cost of the individual project. The full postal address of the client for whom the works have been executed shall also be given	As per the enclosed format (Part - II (a) - Previous Experience).

Sr. No.	Criteria	Supporting documents to be submitted
6	Important large similar supply orders on which the firm is engaged at present with estimated cost of the individual project. The full postal address of the client shall also be given	As per the enclosed format (Part - II (b) - Important projects in hand).
7	Whether working with any of the Govt. / Semi Govt. Undertaking/s as approved contractors and if so, furnish details.	As per the enclosed format (Part - II (a) or II (b) whichever is applicable).
8	Name & address of the Bank/Bankers of the firm	Attach a separate neatly typed sheet on the letter head.
9	Average annual financial turnover during last 3 years ending 31 March 2024 should be at least Rs. 33.00 lakh.	Attach a separate neatly typed sheet on the letter head of Registered Chartered Accountant OR enclose copies of audited Balance Sheet and Profit & Loss Statement for the previous 3 financial years.
10	Details for Electronic payment	As per enclosed format.
11	Client Confidential Report of works and site inspection of executed works	Shall be done by NABFINS / Architect.

PROFORMA FOR ELECTRONIC PAYMENT

Details of Bank account to be furnished by the contractors/ service providers for effecting payment through ECS (e-payments)

Name and address of Contractor with phone no.	
Name of the account holder (As appearing in the Bank account)	
Name of the Bank	
Name of the Branch	
Account number	
RTGS/ NEFT/ IFS Code	
Type of account (Savings, current, etc.)	
PAN Number	
GST Number	

Signature of the Applicant
(With Seal)

Encl : (1) One cancelled cheque leaf

: (2) Copy of PAN card

PART - I (a)

BASIC INFORMATION

Sr. No.	Particulars	Information
1	Name of the organization	
2	Type of Organization - Whether Proprietorship, Partnership, etc. (Please enclose related documents)	
3	Name of the Proprietor/ Partners / Directors in the organisation	1.
		2.
		3.
4	Details of Registration (Firm, Company etc.) Registering Authority, Date, Number etc.	
5	Experience in the respective field of work (Please enclose supporting documents)	
6	a) Registered office address and telephone no.	
	b) Office address through which the work will be handled in Bengaluru	
7	Indicate if involved in any litigation, arbitration or any civil suit pending in any of the works executed during last 7 years/ being executed. If yes, please furnish the name of the project & employer, nature of work, contract value, work order and date & brief details of litigation. Attach a separate sheet, if required	
8	Kindly mention if your firm/ agency/ company is blacklisted/ debarred by NABFINS along with relevant details	

Signature of the Applicant
(With Seal)

PART - I (b)

FINANCIAL INFORMATION

1. Financial Details - Details to be furnished duly supported by figures in balance sheet / profit lost account for the last three years duly certified by a Chartered Accountant, as submitted by the applicant to the Income Tax department (Copies to be attached)

Particulars	Financial Year		
	2021-22	2022-23	2023-24
Gross Annual turnover (In Rs.)			
Profit / Loss			
Certified by			

Incase, 2023-24 details are not available, data can be given for 2020-21, 2021-22 and 2022-23

2. The following certificates are enclosed:

- i. Current Income Tax clearance certificate / Profit & Loss account.

Signature of Chartered Account with seal

Signature of the Applicant
(With Seal)

Date:

Place:

PART - II (a)

PREVIOUS EXPERIENCE

List of similar works* of Higher values executed by the firm during the last 7 years (costing as mentioned in the Eligibility Criteria)									
The details of previous experience with NABFINS in any of the centres may be provided separately (in tabular form)									
Sr. No.	Name of the work & location	Nature of work involved in the contract	Name & address of the owner and architect	The full name, designation, address of the officer under whom the work was carried out	Contract Amount (In Rs. Lakh)	Completion period (stipulated)	Completion period (actual)	Whether the work was left incomplete or contract was terminated from either	Any other relevant information including reason, if any, for delay in completion of work
1	2	3	4	5	6	7	8	9	10

Signature of the Applicant
(With Seal)

* Attach a separate sheet, if required.

PART - II (b)

WORK IN - HAND

List of Important works* in-hand (costing as mentioned in the Eligibility Criteria)									
Sr. No.	Name of the work & location	Nature of work involved in the contract	Name & address of the owner and architect	The full name, designation, address of the officer under whom the work was carried out	Contract Amount (In Rs. Lakh)	Completion period (stipulated)	Completion period (actual)	Whether the work was left incomplete or contract was terminated from either side	Any other relevant information including reason, if any, for delay in completion of work
1	2	3	4	5	6	7	8	9	10

Signature of the Applicant
(With Seal)

* Attach a separate sheet, if required.

PART - III

LIST OF TECHNICAL PERSONNEL

Giving details about their Technical qualifications, experience etc.								
Sr. No.	Name	Age	Qualifications	Experience	Nature of work handled	Name of the Projects handled costing more than Rs. 80.00 Lakh	Date from which employed in your organization	Any other remarks
	2	3	4	5	6	7	8	9

Signature of the Applicant
(With Seal)

* Attach a separate sheet, if required.

LIST OF DOCUMENTS / CERTIFICATES / ANNEXURES ATTACHED

Sr. No.	Particulars	Page No.
1.	Status of the Firm / Registration certificate / Memorandum of association	
2.	Bar Chart indicating the program for the execution of the work.	
3.	Power of attorney authorizing the person to sign the tender.	
4.	PAN card and GST Registration	
5.	Balance Sheet, Profit and Loss Statement for the previous 3 financial years.	
6.	Income-tax returns for last 3 financial years	
7.	Work order, completion certificates, and performance certificate from the clients / companies. (as per eligibility criteria)	
8.	Certificate of Registration with Government / Public Sector Banks / Professional bodies.	
9.	Details of Bank account, Name and address of the Bank / Bankers of the firm.	

(Note: Please submit copies of certificates/ work orders relevant to eligibility criteria only)

GENERAL INSTRUCTIONS

1. PROCEDURE OF FILLING AND SUBMISSION OF TENDER

- i. The tenderers should quote their rates in figures and words where the quantities have been indicated in the relevant items of the schedule of quantities, failures to do so may invalidate the tender. Erasing or over writing shall not be allowed. Corrections in the tender should be avoided if this becomes unavoidable, the entire rate (and not a portion only) shall be scored out and signed (not simply initiated) by the tenderer as token of such cancellation. A fresh rate in specified manner shall then be correctly written.
- ii. In the event of the tender being submitted by a firm, it must be signed by a member or members of the firm having legal authority to do so, and if called for, the legal documents in support thereof must be produced for inspection and the same in the case of the firm carried out by one member of a joint family.
- iii. All corrections are to be initialled.
- iv. The tenderer is to quote this rate in ink/type both in words and figures in English. The tender shall be clearly and legibly written and whole writing must be by the hand of the person signing the tender and with the same pen and ink/type.
- v. The employer reserves to itself the right to accept the lowest or split up and distribute any items of work to any specialist firm or firms without assigning any reason. The employer reserves the right to split up and distribute the work to more than one tenderer, if necessary. Signature/initial with company seal on each page will be deemed to be the acceptance of the contents of this tender paper by the tenderer.
- vi. Tenderer shall note that their tenders shall remain open for acceptance for a minimum period of **45 days** from the date of opening the financial bid. The tender must be unconditional. Conditional tenders may be summarily rejected.

2. RATES TO INCLUDE:

While quoting their rates the tenderer should include the following also if otherwise not stated herein before.

- a. Necessary cost of taking samples of materials supplied by them for construction testing of the same at Govt.'s / approved laboratory including transportation, cost of the samples, as and when required.
- b. Submission of test reports of other materials as may be specified by Architects or NABFINS.
- c. Rates should include all prevailing Taxes including GST as per Act, etc. and should be firm for the entire Contract period. No escalation of rates will be allowed for the entire contract period on any account.
- d. Contractor has to make his own arrangement for electricity power and water.
- e. **Basic rate:**
 - 1) Basic rate is applicable in case of items to be purchased directly by contractor from manufacturer or authorised dealer of one of the approved make. Purpose of basic rate is to provide the bidder an indication of the quality expected.

- 2) This is derived from latest list price of model and make of furniture confirming to specifications indicated in the tender including GST.
 - 3) Contractor may make suitable provisions for meeting all tender obligations as per document such as transport cost, insurance, overheads and profits etc. and also consider trade discount available to him from manufacturer or dealer.
 - 4) Contractor will have to submit the latest list price duly authenticated by manufacturer with his bill. Bank will have right to verify the same. Original GST INVOICE of all the items shall be produced to Bank for verification.
- f. The quoted rate shall include the cost of all minor/sundry items to make it functional.

3. **WORKING HOURS:**

Since the site is an Office premises, the contractor may execute the work in days, nights and on holidays. No extra payments will be made to the contractor on account of carrying out the works during holidays and at odd hours.

4. **STORAGE OF MATERIALS:**

The Contractor may use some portion of the site for storage purposes with the permission of NABFINS. NABFINS shall not be responsible for Contractor's materials. The Contractor shall be required to vacate the storage space as per exigency without any extra cost to NABFINS.

5. **LABOUR ACCOMODATION:**

Shelter or stay for the labourers has to be arranged by the contractor outside office premises.

6. **IDLE LABOUR AND EXTENSION OF TIME:**

- a. In case the work is held up for any site conditions not attributable to the contractors or for any decisions instructions / want of details from NABFINS / Architect or for any of the conditions as per General conditions of contract, the contractor shall be allowed reasonable extension of time by the employer but any additional/ extra claim for payment to idle labour / tools / establishment / plant etc. during this period shall not be the liability of the employer. Contractor's quoted rates should include for all such contingencies.
- b. The Contractor or his authorized representative should visit the site frequently as required by NABFINS for any clarifications and to receive instructions, take measurements, etc. at the site. The work should not suffer due to lack of supervision, manpower and materials.
- c. The Contractor is required to co-ordinate his works along with other agencies working at site. He has to reimburse for any of the damage made by him or any of his representatives to any other agency or the owner at site.
- d. Nothing extra will be paid for making any cut-out / opening for electrical wiring / fitting in any of false ceiling, partition, Panelling, masonry work etc. Contractor's quoted rates should include for all such works.
- e. The contractor is required to fabricate a sample where required, or any item so installed for approved. Any changes made by the Architect's / Employers, in the sample to the specifications as mentioned in the tender, shall not be deducted or paid extra. The bulk production of the furniture can only be taken up after the final approval of the sample of the

item.

- f. The partitions shall be so fixed that all joinery work is in plumb and true in line. The partition frame shall be firmly fixed to the floor and ceiling by using suitable wall plugs and screws.
- g. The contractor shall check all dimensions before fabricating and fixing the partitions or ceiling in position at site.
- h. All measurements given in the schedule hereunder are for the purpose of tender only. Payment will be made on actual measurement of the work done to the full satisfaction of NABFINS / Architect.
- i. All measurements shall be as per relevant I.S.I. standards and Materials used should conform to relevant Codes.
- j. Except where provided for in the description of the individual items in the schedule of quantities and in the specifications and conditions laid down hereinafter and in the drawings, the work shall be carried out as per standard specifications and under the direction of NABFINS / Architect.

GENERAL CONDITIONS OF CONTRACT

1. INTERPRETATION

In constructing these conditions, the specifications, the schedule of quantities, tender and agreement, the following words shall have the meaning herein assigned to them except where the subject or context otherwise requires.

Employer: The term employer shall denote **NABFINS Limited** and having its Head Office at No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka and any of its employee's representative authorized on their behalf.

Architects / Consultants: The term Architects shall mean KAREKAR AND ASSOCIATES, No. 282, Ground Floor, 14th Cross, HIG Dollars Colony, Bengaluru 560 094, Karnataka or in the event of his / their ceasing to be the Architects for the purpose of this contract such other persons as the employer shall nominate for the purpose.

Contractor: The term 'Contractor' shall mean

(Name and address of the contractor) and his / their heirs, legal representatives, assigns & successors.

Site: The site shall mean the site where the works are to be executed.

Drawings: The work is to be carried out in accordance with drawings, specifications, the schedule of quantities and any further drawings, which may be supplied, or any other instruction, which may be given by the Employer during the execution of the work.

All drawings relating to work given to the contractor together with a copy of schedule of quantities are to be kept at site and the contractor will make them available to the employer / architect whenever necessary.

In case any detailed Working Drawings are necessary contractor shall prepare such detailed drawings and / or dimensional sketches therefore and have it confirmed by the Employer / Architects as case may be prior to taking up such work.

The contractor shall ask in writing for all clarifications on matters occurring anywhere in drawings, specifications and schedule of quantities or to additional instructions at least 10 days ahead from the time when it is required for implementation so that the Employer may be able to give decision thereon.

"The Works" shall mean the **"Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO."** at 1st floor, No. 3073, KR Road, 14th cross, BSK 2nd stage, Bengaluru 560070.

to be executed or done under this contract.

"Act of Insolvency" shall mean any act as such as defined by the Presidency Towns Insolvency Act or in Provincial Insolvency act or any amending status.

"The Schedule of Quantities" shall mean the schedule of quantities as specified and forming part of this contract.

"Priced Schedule of Quantities" shall mean the schedule of quantities duly priced with the accepted quoted rates of the contractor.

"Contract" shall mean the Articles of Agreement, the general conditions special conditions,

the appendix, the schedule of quantities, specifications and drawings attached here to and duly signed.

'Contract Price' shall mean the sum named in the Tender subject to such additions thereto or deductions there from as may be made under the provisions hereafter contained.

'Notice in Writing' or written notice shall mean a notice in writing, type or printed characters sent (unless delivered personally or otherwise provided to have been received) by registered post to the last known private or business address or registered office of the addressee and shall be deemed to have been received when in the ordinary course of post it would have been delivered.

'Virtual Completion' shall mean the site is in the opinion of the Architect and Employer fit for occupation.

"Date of commencement" shall be either one-week, from the date of issue of work order to the contractor or day on which the contractor will take possession of site whichever is earlier.

2. **SCOPE OF WORK:**

The Contractor shall carry out and complete the said work in every respect in accordance with this Contract and with the directions of and to the satisfaction of the Architect and Employer. The Architect with approval of NABFINS issue further drawings and / or written instructions, details directions and explanations which hereafter collectively referred to as 'Architect's Instructions'. In regard to:

- a. The variation or modification of the design quality or quantity of works or the addition or omission or substitution of any work.
- b. Any discrepancy in the drawings or between the schedule of quantities and / or drawings and / or specification.
- c. The removal from the site of any defective material brought thereon by the contractor and the substitution of any other material thereof.
- d. The demolition removal and / or re-execution of any work executed by the contractor/s.
- e. The dismissal from the work of any persons employed there upon.
- f. The opening up for inspection of any work covered up.
- g. The rectification and making good of any defects under clauses hereinafter mentioned and those arising during the maintenance period (Defect Liability Period).

The contractor shall forthwith comply with and duly execute any work comprised in such employer's or his agent / Architect's instructions, provided always that verbal instructions, directions and explanations given to the contractor's or his representative upon the works by the Employer's or his agent/Architects shall, if involving a variation, be confirmed in writing to the contractor/s within seven days. No works, for which rates are not specifically mentioned in the priced schedule of quantities, shall be taken up without written permission of the Employer or his agent / Architects. The employer in consultation with the Architects as provided in clause "variation" shall fix rates of items not mentioned in the priced schedule of quantities.

Regarding all factory made products for which ISI marked products are available, only products bearing ISI marking shall be used in the work.

3. **TENDERERS SHALL VISIT THE SITE**

Intending tenderer shall visit the site and make himself thoroughly acquainted with the local site condition, nature and requirements of the works, facilities of transport conditions,

effective labour and materials, access and storage for materials and removal of rubbish. The tenderer shall include the cost of these items in the quoted rates like carriage, freight and other charges as also for any special difficulties and including police restriction for transport etc., for proper execution of work as indicated in the drawings. The successful tenderer will not be entitled to any claim of compensation for difficulties faced or losses incurred on account of any site condition which existed before the commencement of the work or which in the opinion of the employer or his agent / Architect might be deemed to have reasonably been inferred to be so existing before commencement of work.

4. TENDERS

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

- a. The "Rate" column to be legibly filled in ink in both English figures and English words.
- b. Amount column to be filled in for each item and the amount for each sub head as detailed in the "Schedule/ Bill of quantities".
- c. All corrections are to be initialled.
- d. In case of any errors / omissions in the quoted rates, the rates given in the tender marked "original" shall be taken as correct rates.

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

The Employer reserves the right to reject the lowest or any tender and also to discharge any or all of the tenders of each section.

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

The works will be paid for as "measured work" on the basis of actual work done and not as "lumpsum" contract, unless otherwise specified.

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

The employer has power to add to, omit from any work as shown in drawings or described in specifications or include in schedule of quantities and intimate the same in writing but no addition, omission or variation shall be made by the contractor without authorization from the Employer. No variation shall vitiate the contract.

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

5. AGREEMENT

The successful contractor will be required to sign agreement in accordance with the draft agreement from enclosed and the schedule conditions. The contractor shall pay for all stamps and legal expenses, incidental thereto. However, the written acceptance by the employer of a tender will constitute a binding contract between the employer and the person so tendering whether such formal agreement is or is not subsequently executed.

6. AUTHORITIES, NOTICES, PATENT RIGHTS AND ROYALTIES:

The Contractor shall confirm to the provisions of the statutes relating to the works, and so to the regulation and bylaws of a local authority, and of any water, lighting and other companies on authorities with whose systems the structures are proposed to be connected and shall before making any variation from the drawings or specifications, that may be necessitated by so conforming given to the Architect's written notice, specifying the variations proposed to be made and the reason for making it apply for instruction thereon. In case, the Contractor shall not within the 10 days receive such instruction, he shall proceed with the work conforming to the provisions, regulations or bylaws in questions.

The Contractor shall bring to the attention of the Architect all notices required by the said acts, regulations or bylaws to be given to any Authority, and pay to such authority or to any Public Officer all fees that may be properly chargeable in respect of the works, and lodge the receipts with the Architect /Employer.

The Contractor shall identify the Employer against all claims in respect of patent rights, designs, trademarks or name or the protected rights in respect of any constructional plant, machine, work or material used for or in connection with the works or temporary works and from and against all claims, demands, proceedings, damages, costs, charges, and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall defend all actions arising from such claims, unless he has informed the Architects, before any such infringement and received their permission to proceed and shall himself pay all royalties, license fees, damages, cost and charges of all and every sort that may be legally incurred in respect thereof.

7. TAXES AND DUTIES

The tenderers must include in their tender prices quoted for all duties royalties, other taxes or local charges if **applicable including GST**. No extra claim on this account will in any case be entertained.

8. NOTICES AND STATUTORY REGULATIONS:

The contractor shall give all notices and pay all fees and shall comply all Acts and Regulations for the successful completion of the contract works. The whole of the work is to be complied with as per the requirements and bylaws of the relevant statutory authorities including contract labour (Regulation and Abolition) Act 1970.

9. QUANTITY OF WORK TO BE EXECUTED

The Schedule of Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the Standard Procedure of the Architects shall be considered to be approximate and subject to variation. The Employer reserves the right to execute only a part or the whole or any excess thereof without assigning any reason therefore.

The Contractor shall be deemed to have satisfied himself before tendering to the correctness and sufficiency of his tender for the works and of the prices stated in the Schedule of Quantities and / or the Schedule of Rates and Prices, which rates and prices shall cover all things necessary for the completion of the works.

10. OTHER PERSONS ENGAGED BY THE EMPLOYER

The Employer reserves the right to execute any part of the work included in this contract or any work, which is not included in this contract by the other Agency, or persons and contractor shall allow all reasonable facilities and use of his scaffoldings for the execution of such work. The main contractor shall extend all cooperation in his regard.

11. EARNEST MONEY AND SECURITY DEPOSITS

The Bidder shall furnish an EMD for **Rs. 1,32,500/-** (Rupees one lakh thirty two thousand five hundred only) in the form of Demand Draft / Pay order drawn on any nationalized Bank in favour of "NABFINS Ltd." payable at Bengaluru, the same has to be enclosed with the tender. The EMD can also be deposited online to **SBI Bank A/c No. 32635856611** ISFC code: **SBIN0003286**. The Tender without EMD shall be rejected out rightly. No interest is allowed on the EMD.

The Bidder whose tender may be accepted (hereinafter called the Contractor which expression shall unless the context otherwise requires, include his heirs, executors, administrators and assigns) shall pay **Security deposit 2%** (Two percent) of contract value (including EMD) in the form of Demand Draft / Pay order drawn on any nationalized Bank in favour of "NABFINS Financial Services Ltd." payable at Bengaluru, and shall permit employer to deduct at the percentage of **5%** (Five percent) of all money payable for work done under the contract, at the time of making such payments to him/them and to hold such deductions as Security Deposit.

Security Deposit will also be deducted for Additional works or Non-tender items.

The Security deposit paid by a Contractor shall be refunded to him after twelve months, from the date of virtual completion of the work, during which period the work should be maintained by the Contractor in good order, whichever is later.

12. CONTRACTOR TO PROVIDE EVERYTHING NECESSARY

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

13. TIME OF COMPLETION, EXTENSION OF TIME & PROGRESS CHART

The Contractor shall be allowed admittance to the site on the 'Date of Commencement' stated above, and he shall thereupon and forthwith begin the works and shall regularly proceed with to complete the same (except such painting or other decorative work as the Architect may desire to delay) on or before the 'Day of Completion' stated subject nevertheless the provision for the extension of time hereinafter contained.

If in the opinion of the NABFINS/Architect the works be delayed:

- a. By force majeure or
- b. By reason of any exceptionally inclement weather or
- c. By reason of proceedings taken or threatened by or dispute with adjoining or neighbouring owners of public authorities arising, than through the Contractor's own default or
- d. By the works or delays of the contractors/tradesmen engaged or nominated by the Employer / Architect and not referred in the Schedule of Quantities and / or specifications or
- e. By reason of civil commotion, local combination of workmen or strike or lock- out affecting

- any of the buildings/traders or
- f. By reason of the NABFINS/Architect's instructions, or
 - g. In consequence of the Contractor not having in due time, necessary instructions from the Architect for which he shall have specifically applied in writing ahead of time, giving the NABFINS/Architect reasonable time to prepare such instructions, the Architects shall make a fair and reasonable extension of time for completion of the Contract works.

In case of such strike or lock-out, the Contractor shall as soon as possible, give written notice thereof the Architect, but the Contractor shall nevertheless constantly use his endeavours to prevent delay and shall do all them may reasonably be required, to the satisfaction of the Architect to proceed with the work.

The Contractor on starting the works shall furnish to the Employer / Architect a Bar chart for carrying out the work stage in the stipulated time for the approval of Architect / Employer and follow strictly the approved time schedule incorporating charges if any, to ensure the completion of the work in stipulated time. A graph or chart on individual work shall be maintained showing the proportionate progress of work week by week by Architect, a weekly progress report stating the number of skilled and un skilled labourers employed on the work, working hours done, place, type, and quantity of work done during the period.

The Contractor must inform the Architect, 10 days in advance of all drawings and details required by him from time to time. The Contractor shall adhere to the approved program and arrange for the materials and labour etc. accordingly. Despite repeated instructions, if the Contractor fails to show proportionate progress of the work, the Architect / Employer may take suitable action as deemed fit without prejudice to any terms and conditions of the contract.

14. LIQUIDATED DAMAGES

Should the work be not completed to the satisfaction of the Employer / Architects within the stipulated period, the contractor shall be bound to pay to the Employer a sum calculated as given below by way of liquidated damages and not as penalty during which the work remains un-commenced or unfinished after the expiry of the completion date.

If the contractor fails to complete the work by the Scheduled date of completion or within any sanctioned extended time, he will have to pay liquidated damages at rate of 0.25 % of contract value for each week of delay subject to maximum of 5% of the contract value.

15. MATERIALS, WORKMANSHIP, SAMPLES, TESTING OF MATERIALS

All the works specified and provided for in the specifications or which may be required to be done in order to perform and complete any part thereof shall be executed in the best and most workman like manner with materials of the best and approved quality of the respective kinds in accordance with the particulars contained in and implied by the specifications and as represented by the drawings or according to such other additional particulars, and instructions as may from time to time be given by the Employer / Architects during the execution of the work and to his entire satisfaction.

All mandatory tests shall be carried out as per specifications. If required by the Employer / Architects, the contractor shall have to carry out tests on materials and workmanship in approved materials testing laboratories or as prescribed by the Employer / Architects at his own cost to prove that the materials etc., under test conform to the relevant I.S Standards or as specified in the specifications. No extra payment on this account shall in any case be entertained.

All the materials (except where otherwise described) stores and equipment required for the full performance of the work under the contract must be provided through normal channels

and must include charges for import duties and other charges and must be the best of their kind available and the contractors must be entirely responsible for the proper and efficient carrying out of the work. The work must be done in the best workmanlike manner. **Samples of all materials to be used must be submitted to the Employer / Architects when so directed by the Employer / Architects and written approval from Employer / Architects must be obtained prior to placement of order.**

Any damage (during constructions) to any part of the work for any reasons due to rain, storm or neglect of contractor shall be rectified by the contractor in an approved manner at no extra cost.

Should the work be suspended by reason of rain, strike, lockouts or any other cause, the contractor shall take all precautions necessary for the protection of work and at his own expenses shall make good any damage arising from any of these causes.

The contractor shall cover up and protect from damage, from any cause, all new work and supply all temporary doors, protection to windows, and any other requisite protection for the execution of the work whether by himself or special tradesmen or sub-contractor and any damage caused must be made good by the contractor at his own expenses.

16. REMOVAL OF IMPROPER WORK, ITEMS SUPPLIED AND INSTALLED

The Employer shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the Employer / Architects are not in accordance with specification or instructions, the substitution or proper re-execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the contractor refuses to comply with the order the Employer shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the Employer / Architects shall be done by the contractor or may be deducted from any money due to or that may become due to the contractor. No certificate, which may be given by the Architects, shall relieve the contractor from his liability in respect of unsound work or bad materials.

17. SITE ENGINEER

The Employer may appoint a Site Engineer if required, who will be representative of the Employer and also for the Architect. The duties of the Employer representative are to watch and supervise the works and to test any materials to be used of workmanship employed in connection with the works. He shall have no authority either to relieve the Contractor of any of his duties or obligations under the Contract, or except those expressly provided hereunder, to order any work involving delay or any extra payment by the Employer or any variation of or in the works.

The contractor shall afford the Employer's representative every facility and assistance for examining the works and materials and checking the measuring time and materials. Neither the Employer's representative nor any assistant to the Architect shall have power to revoke, alter enlarge or relax the requirements of this Contract, or to Sanction any day-work, additions, alterations, deviations or omissions unless such an authority may be specially conferred by a written order of the Architect / Employer.

The Employer's Representative shall have to give notice to the Contractor or his foremen about the non-approval of any work or materials and such works shall be suspended or the use of such material should be discontinued until the decision of the Architect is obtained, the work will from time to time be examined by the Architect or the Employer's representative but such examinations shall not in any way exonerate the Contractor from the obligation to remedy defects which may be found to exist at any stage of the work of after the same is completed. Subject to the limitations of this cause, the Contractor shall take instruction from

the Architect / Employer.

18. CONTRACTOR'S EMPLOYEES

The Contractor shall employ technically qualified and competent supervisors for the work who shall be available (by turn) throughout the working hours to receive and comply with instructions of the Employer / Architects. The contractor shall engage at least one experienced Technical personnel as site-in-charge for execution of the work. The contractor shall employ in connection with the work persons having the appropriate skill or ability to perform their job efficiently.

The contractor shall employ local labourers on the work as far as possible. No labourers below the age of eighteen years and who is not an Indian National shall be employed on the work.

Any labourer supplied by the contractor to be engaged on the work on day work basis either wholly or partly under the direct order or control of the Employer or his representative shall be deemed to be a person employed by the contractor.

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

- a. The payment of Wages Act.
- b. Employer's Liability Act.
- c. Workmen's Compensation Act.
- d. Contract Labour (Regulation & Abolition) Act. 1970 and Central Apprentices Act 1961
- e. Minimum Wages Act
- f. Any other Act or enactment relating thereto and rules framed there under from time to time.

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

The contractor shall comply at his own cost with the order for requirement of any Health Officer of the State or any local authority or of the Employer regarding the maintenance of proper environmental sanitation of the area where the contractor's labourers' are housed or accommodated, for the prevention of small pox, cholera, plague, typhoid, malaria and other contagious diseases. The contractor shall provide, maintain and keep in good sanitary condition adequate sanitary accommodation and provide facilities for pure drinking water at all times for the use of workers engaged on the works and shall remove and clear away the same on completion of the works. Adequate precautions shall be taken by the contractor to prevent nuisance of any kind on the works or the lands adjoining the same.

The contractor shall arrange to provide first aid treatment to the labourers' engaged on the works. He shall within 24 hours of the occurrence of any accident at or about the site or in connection with execution of the works report such accident to the Employer and also to the competent Authority where such report is required by law.

19. DISMISSAL OF WORKMEN

The contractor shall on the request of the Employer immediately dismiss from works any person employed thereon by him, who in the opinion of the Employer be unsuitable or incompetent or who may misconduct him. Such discharges shall not be the basis of any claim for compensation or damages against the Employer or any of their officer or employee.

20. ASSIGNMENT

The whole of the works included in the contract shall be executed by the contractor and the contractor shall not directly or indirectly transfer, assign or underlet the contract or any part, share or interest therein nor, shall take a new partner, without written consent of the Employer and no subletting shall relieve the contractor from the full and entire responsibility of the contract or from active superintendence of the work during their progress.

21. DAMAGE TO PERSONS AND PROPERTY INSURANCE ETC.

The contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and / or decorative part of property which may arise from the operations or neglect of himself or of any sub-contractor or of any of his or a sub-contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this contract. The clause shall be held to include inter-alia, any damage to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, foot paths or ways as well as damages caused to the buildings and the works forming the subject of this contract by rain, wind or other inclemency of the weather. The contractor shall indemnify the Employer and hold harmless in respect of all and any expenses arising from any such injury or damages to the person or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts on compensation or damage consequent upon such claim.

The contractor shall reinstate all damages of every sort mentioned in this clause so as to deliver the whole of the contract works complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property of third parties.

The contractor shall effect the insurance necessary and indemnify the Employer entirely from all responsibility in this respect. The original insurance policy will be with NABFINS which will be jointly in the name of the Employer and contractor and the duplicate will be with the contractor. The scope of insurance is to include damage or loss to the contract itself till this is made over in a complete state, so contractor will take the **CAR (Contractors All Risk Policy)** for insurance equal to the amount of issued work order for this work. CAR is compulsory and must be effected from the commencement of work to completion of defect liability period. The contractor shall also be responsible for anything, which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this contract.

The Employer shall be at liberty and is hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or accruing from or in respect of any such claim or damages from any sums due to or to become due to the contractor.

22. MEASUREMENTS

Before taking any measurement of any work the contractor/ its representative deputed by him shall give reasonable notice to the employer. The mode of measurement will depend upon the unit mentioned in the Schedule of Quantities. If the contractor fails to attend at the measurements after such notice or fails to countersign or to record the difference within a week from the date of measurement in the manner required by Site Engineer or by the subordinate deputed by him as the case may be is final and binding on the contractor and contractor shall have no right to dispute the same.

The Employer / Architect shall issue a certificate after due scrutiny of the contractor's bill stating the amount due to the contractor from the Employer and the contractor shall be entitled to payment thereof, within the period of honouring certificates named in these documents.

23. PAYMENTS

All bills shall be prepared by the contractor in the form prescribed by the Employer/ Architect.

Normally, one interim bill shall be prepared each month subject to minimum value for interim certificate as stated in these documents. The bills in proper forms must be duly accompanied by detailed measurements in support of the qualities of work done and must show deductions for all previous payments, retention money, etc.

The Employer / Architect shall issue a certificate after due scrutiny of the contractor's bill stating the amount due to the contractor from the Employer and the contractor shall be entitled to payment thereof, within the period of honouring certificates named in these documents.

The Employer will deduct retention money as described in Memorandum of Form of Tender. The refund of retention money will be made after completion of defects liability period.

If the Employer has supplied any materials or goods to the contractor, the cost of any such materials or goods will be progressively deducted from the amount due to the contractor in accordance with the quantities consumed in the work.

All the interim payments shall be regarded as payments by way of advance against the final payment only and not as payments for work actually done and completed, and shall not preclude, the requiring of bad, unsound, imperfect or unskilled work to be removed and taken away and reconstructed, or re-erected or be considered as an admission of the due performance of the contract, or any part thereof in any respect or the accruing of any claim, nor shall, it conclude, determine or affect in any way the power of the Employer under these conditions or any of them as to the final settlement and adjustment of the accounts or otherwise or in any other way vary or affect the contract. The final bill shall be submitted by the contractor to the architect within one week of the date fixed for completion of the work or of the date of certificate of completion furnished by the Architect.

Final Payment

The final bill shall be accompanied by a certificate of completion from the Employer/ Architects. Payments of final bill shall be made after deduction of Retention Money as specified above, which shall be refunded after the completion of the Defects Liability Period after receiving the Employer's / Architect's certificate that the contractor has rectified all defects to the satisfaction of the Employer / Architects. The acceptance of the payment of the final bill by the contractor would indicate that he has no further claim in respect of the work executed.

24. VARIATION / DEVIATION

The tender rates shall be fixed and applicable for any increase or decrease in the tendered quantities. The Employer / Architect can increase or decrease any quantities to any extent or even delete particular item as per the site requirements and the contractor shall not be paid anything extra on this account. Nothing extra will be paid by the Bank on account of omission / deletion of items or decrease in the quantity of items. The Bank shall not entertain any claim whatsoever from the contractor on this account.

The price of all additional items / non-tendered items will be worked out on the basis of rates quoted for similar items in the contract wherever existing. If similar items are not available, the rates for such items will be derived as per standard method of rate analysis based on prevalent fair price of labour, material and other components as required with 15% towards contractor's profit and overheads plus applicable GST.

25. SUBSTITUTION

Substitution is generally not allowed. In case of exception, it will be permitted after the approval of the Employer / Architects in writing for any such substitution well in advance. Materials designated in this specification shall be prefer first and in case of non-availability

those mentioned in BoQ the substitution by "Equal" or "Other approved" etc. needs approval of the Employer/ Architect in writing.

26. CLEARING SITE ON COMPLETION

On completion of the works the contractor shall clear away and remove from the site all constructional plant, surplus materials, rubbish and temporary works of every kind and leave the whole of the site and the works clean and in a workmanlike condition to the satisfaction of the Employer/Architects.

27. DEFECTS AFTER COMPLETION

The contractor shall make good at his own cost and to the satisfaction of the Employer all defects, shrinkage, settlements or other faults, which may appear within 12 months after completion of the work. In the default, the Employer may employ and pay other persons to amend and make good such damages, losses and expenses consequent thereon or incidental thereto shall be made good and borne by the contractor and such damages, loss and expenses shall be recoverable from him by the Employer or may be deducted by the employer, in lieu of such amending and making good by the contractor, deduct from any money due to the contractor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient recover that balance from the contractor from the Retention Money together with any expenses the Employer may have incurred in connection therewith.

28. IDLE LABOUR

Whatever the reasons may be, no claim for idle labour, additional establishment cost of hire and labour charges of tools and plants would not be entertained under any circumstances.

29. SUSPENSION OF WORKS

If the contractor except on account of any legal restraint upon the Employer preventing the continuance of the work or in the opinion of the Employer shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default, the Employer shall have the power to give notice in writing to the contractor requiring the work to be proceeded within a reasonable manner and with reasonable dispatch, such notice purport to be a notice under this clause.

After such notice shall have been given, the contractor shall not be at liberty to remove from the site of the works or from any ground contiguous thereto any plant or materials to subsist from the date of such notice being given until the notice shall have been complied with. If the contractor fails to start the work within seven days after such notice has been given to proceed with the works as therein prescribed, the employer may proceed as provided in clause 30 below. (Termination of Contract by Employer)

30. TERMINATION OF CONTRACT BY EMPLOYER

If the contractor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number of amount of his creditors or shall enter into a Deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the contractor in insolvency, shall repudiate the contract, or if a receiver of the contractor's firm appointed by the court shall be unable within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the employer that he is able to carry out and fulfil the contract, and if so required by the employer to give reasonable security therefore, or if the contractor shall suffer execution to be issued, or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the contractor, or shall assign, charge or encumber this contract or any

payments due or which may become due to contractor, there under, or shall neglect or fail to observe and perform all or any of the acts matters of things by this contract, to be observed and performed by the contractor within three clear days after the notice shall have been given to the contractor in manner hereinafter mentioned requiring the contractor to observe or perform the same or shall use improper materials of workmanship in carrying on the works, or shall in the opinion of the employer not exercise such due diligence and make such progress as would enable the work to be completed within due time agreed upon, and shall fail to proceed to the satisfaction of the employer after three clear notice requiring the contractor so to do shall have been given to the contractor as hereinafter mentioned or shall abandon the contract, then and in any of the said cases, the Bank may notwithstanding previous waiver determine the contract by a notice in writing to the effect as hereinafter mentioned, but without thereby effecting the powers of the employer of the obligations and liabilities of the contractor the whole of which shall continue in force as fully as if the contract, had not been so determine and as if the works subsequently executed by or on behalf of the contractor (without thereby creating any trust in favour of the contractor) further the employer or his agent, or servants, may enter upon and take possession of the work and all plants tools scaffolding sheds machinery, steam, and other power, utensils and materials lying upon premises or the adjoining lands or roads and sell the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the works or by employing any other contractors or other persons or person to complete the works, and the contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractors or other persons or person employed from completing and finishing or using the materials and plants for the works when the works shall be completed, or as soon thereafter as conveniently may be the employer shall give notice in writing to the contractor to remove his surplus materials and plants and should the contractor to remove his surplus materials after receipt by him the employer may sell the same by Public Auction and shall give credit to the contractor for the amount so realized. Any expenses or losses incurred by the contractor for the amount so realized. Any expenses or losses incurred by the employer in getting the amount payable to the contractor by way of selling his tools and plants or due on account of work carried out by the contractor prior to engaging other contractors or against the Security Deposit.

31. ARBITRATION

All disputes or differences of any kind whatsoever which shall at any time arise between the parties hereto touching or concerning the works or the execution or maintenance thereof this contract or effect thereof or to the rights or liabilities of the parties or arising out of or in relation thereto whether during or after determination foreclosure or breach of the contract (other than those in respect of which the decision of any person is by the contract expressed to be final and binding) shall after written notice by either party to the contract to the other of them and to the Employer hereinafter mentioned be referred for adjudication to a sole Arbitrator to be appointed as hereinafter provided.

For the purpose of appointing the sole Arbitrator referred to above, the Employer will send within thirty days of receipt of the notice, to the contractor a panel of three names of persons who shall be presently unconnected with the organization for which the work is executed from the following categories of Arbitrators:

- a. Retired High Court/Supreme Court judge who have experience in handling Arbitration Cases.
- b. Member of Council of Arbitrators.
- c. Fellow of the Institution of Engineers.
- d. Eminent Retired Chief Engineer from State/Central PWD/Public sector Undertaking of good reputation and integrity.
- e. Fellow of Indian Institute of Architects.

The contractor shall on receipt of the names as aforesaid, select any one of the persons' name to be appointed as a sole Arbitrator and communicate his name to the Employer within

thirty days of receipt of the names. The Employer shall thereupon without any delay appoint the said person as the Sole Arbitrator. If the contractor fails to communicate such selection as provided above within the period specified, the Competent Authority should make the selection and appoint the selected person as the Sole Arbitrator.

If the Employer fails to send to the contractor the panel of three names as aforesaid within the period specified, the contractor shall send to the Employer a panel of three names of persons who shall all be unconnected with either party. The Employer shall on receipt appoint him as the Sole Arbitrator. If the Employer fails to select the person and appoint him as the Sole Arbitrator within 30 days of receipt of the panel and inform the contractor accordingly, the contractor shall be entitled to appoint one of the persons from panel as the Sole Arbitrator and communicate his name to the Employer.

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

The work under the Contract shall, however, continue during the arbitration proceedings and no payment due or payable to the contractor shall be withheld on account of such proceedings.

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

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

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

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

Subject to aforesaid the provisions to the Arbitration Act. 1996 or any statutory modification or re-enactment thereof and the rules made there under, and for the time being in force, shall apply to the arbitration proceeding under this clause.

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

SPECIAL CONDITIONS OF CONTRACT

1. DRAWINGS AND SPECIFICATIONS

The works shall be carried out to the entire satisfaction of the EMPLOYER and the Architect, in accordance with the signed drawings and specifications and such further drawings and details as may be provided by the Architect, and in accordance with such written instructions, directions and explanations as may from time to time be given by the Architect, whose decision as to the sufficiency and quality of the work and materials shall be final and binding upon all parties. If the work shown on any such further drawings or work that may be necessary to comply with any such instructions directions or explanations, be in the opinion of the contractor extraction that comprised in or reasonably to be inferred from the contract he shall before proceedings with such work, give notice in writing to this effect to Architect, and in the event of the Architects/employer agree to the same in writing the contractor shall be entitled to an allowance in respect of such extra work as on authorized extra. If the Architect and the contractor fail to agree as to whether or to there is an extra, then, if the Architect decided that the contractor is to carry out the said work, the contractor shall do so, and the question whether or not there is any extra, and it so the amount thereof, shall failing agreement, be settled by Arbitration as hereinafter provided, but such references shall in no way delay the fulfilment of this contract.

No drawings shall be taken as in itself on order for variation unless, in addition to the Architect's signature, it bears express words stating that is intended to be such an order or bears a remark '**VALID FOR EXECUTION**'. No claim for payment for extra work shall be allowed unless the said work shall have been executed under the provisions of clause 6 (Authorities notices, patent right and royalties) or by the Authorities of directions in drawing of the Architect as herein mentioned.

One complete set of the signed drawings and specification and scheduled of quantities shall be furnished by the Architect to the Contractor. The Architect shall furnish within such time, as he may consider reasonable, one copy of any additional drawing, which is his opinion, may be necessary for the execution of any part of work. Such copies shall be kept at the works, and the architect or his representatives shall, at all reasonable time have access to the same and shall be return to the Architect by the contractor before the issue of the Final certificate.

2. INSPECTION OF DRAWINGS

Before filling in the tender, the contractor will have to check up all drawings and schedule of quantities, and will have to get an immediate clarification from the Architect on any point that he feels is vague or uncertain. No claim of damages or compensation will be entertained on this account.

3. EXECUTION OF WORK (PRICES TO INCLUDE)

The whole of the work is described in the contract (including the schedule of Quantities, the specifications and all drawing pertaining there to) and as advised by Employer / Architect from time to time is to be carried out and completed in all its parts to the entire satisfaction of the Employer /Architect. Any minor details of the work which may not have been definitely referred to in this contract, but which are usual in practice and essential to the work, are deemed to be include in this contract.

Rates quoted in the Schedule shall be inclusive of all freights, royalties, duties as well as transportation, so as to execute the contract as per the rules and regulations of Local Bodies, State Government and Government of India.

The rates quoted in the tender should include all charges for:

- a. Labour, maintenance fixing, carrying, cleaning, making good, hauling, watering etc.
- b. Plant, machinery, scaffolding, framework, English ladders, ropes, nails, spikes, tools, materials and workmanship protection from weather, shuttering, temporary supports, platform and maintenance of the same.
- c. Covering for the walling and other works during inclement weather or striking or whenever directed as necessary.
- d. Meeting all obligations indicated in tender document.

4. SITE SUPERVISION

The contractor shall appoint at his own cost, competent and adequate number of qualified persons at site, for (1) joint measurements and preparations of bills, (2) for testing materials, (3) for other general supervision. Their appointment may be consulted with Employer / Architect. The site Engineers shall not be removed from the site without the written consent of the Employer / Architect.

5. MATERIALS AND WORKMANSHIP

The contractor under this contract binds himself to use first class materials. Quality of workmanship shall be of the highest order befitting the nature of the project. All work not up to the standard shall be summarily rejected and the Contractor will be required to dismantle the defective work and redo the work at his own cost and risk. The decision of the employer regarding the quality/standard of workmanship shall be final and binding on the contractor.

6. DIMENSIONS

Figures, dimensions, are in all case to be accepted preferences to scaled sizes. Large- scale details take precedence over small-scale drawings. In case of discrepancy, the contractor is to ask for a clarification before proceeding with the work. Accordingly if any work is executed without prior clarification it is liable to be rejected and shall not be paid for.

7. PROGRAMME OF WORKS

Contractor shall have to prepare and submit the BAR chart charges for Architect's approval immediately after issue of the work order and display the approved charts in the site office. He shall also make bar charts indicating individual items and during the progress of work he shall update the bar charts showing the proportionate progress of work every week.

He shall strictly adhere to the programme of works as per BAR charts showing the proportionate progress of work.

8. PROCUREMENT OF MATERIALS

Contractor shall procure all factory made materials for the work from manufacturer or authorised dealers directly. Time is the essence of the contract. Acceptance of the completion date by the contractor shall mean that he has taken into consideration the availability of all material of approved make and quality in sufficient quantities at site to enable him to complete the entire work in the stipulated period.

The contractor will get sample of all materials approved by the Employer / Architect before placing order / purchase / procurement. They shall conform to I.S. codes and or tender specification as applicable.

For all materials the contractor shall quote for the best quality of the materials of approved make / source or supply and it will be got approved by Employer / Architect before procurement

9. UNFIXED MATERIALS

When any materials intended for the works shall have been placed at site by the Contract, such material shall not be removed there from (except for the purposes of being used on the works) without the written authority of the Employer / Architect and when the contractor shall have received payment in respect of any certificate in which the architect shall have stated that he has taken in to account to value of such unfixed materials on the works such material shall become the property of the Employer and the contractor shall be liable for any loss or damage to any such materials.

10. CUSTODY AND SECURITY OF MATERIALS

The contractors shall be responsible for the custody and security of all materials and equipment at site and he will provide full time watchman / watchmen to look after his materials, stores equipment's etc.

11. PRICES FOR EXTRAS ETC., ASCERTAINMENT OF

Should it be found after the completion of the works from measurements taken (in accordance with the previous paragraph) that any of the quantities or amounts of the work thus ascertained are less or greater than the amounts specified for the works in the priced schedule of quantities and / or tender or that any variations, is made, the valuation of such quantities, amounts or variations, unless previously or otherwise agreed upon, shall be made accordance with the following rules:

- a. The net rates or prices in the original tender shall determine the valuation of the extra work, where extra work is of a similar character and executed under similar conditions the work priced therein.
- b. The net prices the original tender shall determine the value of the item omitted, provided if omissions vary the conditions under which any remaining items of work are carried out, the prices for the same shall be valued under thereof.
- c. Where extra works are not of similar character and / or executed under similar conditions as aforesaid or where the omissions vary, the conditions under which any remaining items of work are carried out of it the amount of any omission or additions relative to the amount of the whole of the contract works or to be any part thereof shall be such that in the opinion of the Architects the net rate or price contained in the priced schedule of quantities or tender or for any item of work involves loss or expenses beyond that reasonably contemplated by the contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the Architect shall fix in consultation with the Employer such other rate or prices as in the circumstances he shall think reasonable and proper, which shall be final and binding on the contractor.
- d. Where extra work cannot be properly measured or valued, the contractor shall be allowed any work prices at the net rates stated in the tender or the priced schedule of quantities, or if not so stated, then in accordance with the local day work rates and wages for the district, provided that in either case vouchers specifying the daily time (and if required by the Architect, the workmen's name) and materials employed at or before the end of the week following that in which the work has been executed.

The measurements and valuations in respect of the extra items of contract shall be completed within the 'period of final measurement' or within three months of the completion of the contract works (Certificate of Virtual Completion).

12. ARCHITECT'S DRAWINGS AND INSTRUCTIONS

A set of major drawings along with the contract documents shall be provided to the contractor. For any clarifications or further drawings are required by the contract, during or before the start of construction work, the Contractor shall inform the Architects in writing to provide the same. Working details will be given to the contractor from time to time during the progress of work as and when required. In case of other drawing is required by the contractor he will give a minimum ten days' notice to the Employer / Architect.

13. FAILURE BY CONTRACTOR TO COMPLY WITH ARCHITECT / EMPLOYER'S INSTRUCTIONS

If the contractor after receipt of written notice from the architect requiring compliance with such further drawings and / or Architects instruction, fails within seven days to comply with the same, the Employer / Architect may employ and pay other persons to execute any such work whatsoever as may be necessary to give effect thereto and all cost incurred in connection there with shall be recoverable from the contractors by the Employer on a Certificate by the Architect as a debit or may be deducted by him from any money due or which become due to the Contractors.

14. INFORMATION TO BE SUPPLIED BY THE CONTRACTOR

The contractor shall furnish the Employer / Architect the following:

- a. Detailed industrial statistics regarding the labour employed by him etc.
- b. The Power of Attorney, name and signature of his authorized representative, who will be in charge for the execution of work.
- c. The list of technically qualified persons employed by him for the execution of this work.
- d. The total quantity and quality of materials used for the works.
- e. The list of plant and machinery employed for this work.

15. ARCHITECT'S DELAY IN PROGRESS

The Architect may delay the progress of the works in case of rains or otherwise, without vitiating the contract and grant such extension of time with the approval of the employer for the completion of the contract as he may think proper and sufficient in consequences of such delay, and the contractor, shall not make any claim for compensation or damage in relation thereto.

16. DELAYED PAYMENTS

No interest is payable if any amounts payable by the Employer to the contractor in pursuance of any Certificate given by the Architect hereunder shall, if not paid within the 'Period of honouring of Certificate'.

17. FORCE MAJEURE

Neither party shall be held responsible by the other for breach of any condition of this agreement attributable to any 'Act of God' Act of state, lockout of control or any other reason, beyond the control of the parties and any breach of clauses arising from much force majeure conditions as aforesaid shall not be regarded as a breach of the provision of this Agreement.

18. INCOME-TAX

Income Tax shall be deducted at source by the employer from the contractor' interim and final bill payments as per Statutory Regulations.

19. SITE MEETINGS

A senior representative of the contractor shall attend weekly meetings at works site and in addition meetings as and when arranged by employer / Architect to discuss the progress of

the work and sort out problems, if any and ensure that the work is completed in the stipulated time.

20. ACTION WHERE THERE IS NO SPECIFICATION

In case of any class of work for which is there is no specification mentioned, the same will be carried out in accordance with the Indian Standards Specifications subject to the approval of the Employer / Architect.

21. REPORTING OF ACCIDENT TO

The contractor shall be responsible for the safety of persons employed by him on the works and shall reports serious accidents to any of them whenever and wherever occurring on the works to employer who shall make every arrangement to render all possible assistance. This shall be without prejudice to the responsibility of the contractor under the Insurance Clause of the general conditions. Contractor shall take all precaution detailed in the safety code attached separately.

22. TYPOGRAPHICAL/ CLERICAL ERRORS

The Employer / Architect clarification regarding partially omitted particulars of typographical or Clericals errors shall be final and binding on the contractors.

23. WORK PERFORMED AT CONTRACTOR'S RISK

The contractor shall take all precautions necessary and shall be responsible for the safety of the work and shall maintain all lights, goods, signs, temporary passages or other protection necessary for the purpose. All works shall be done by the contractor's risk and if any loss or damage shall result from fire or from others cause, the contractor shall promptly repair or replace such loss or damage free from all expenses to the employer.

The contractor shall be responsible for any loss or damage to materials, tools or other articles used held for use in connection with the work. The work shall be carried on to completion without interferences with the operations of existing machinery or equipment, if any.

24. SPECIAL CONDITIONS OF CONTRACT

In the event of any discrepancy with clauses mentioned anywhere else in the tender with the clauses mentioned within special conditions of contract, the clauses mentioned within the special conditions of contract shall supersede those mentioned elsewhere.

25. The contractor should take necessary insurance cover CAR policy (Contractor's All Risk Policy) at his cost for his persons employed at site and for third party from commencement to the completion of Defect liability Period. Policies should be taken in the joint names of employer and the contractor in which first name should be Employer.

26. The contractor shall engage necessary qualified person for 'supply and installation of office furniture along with other interior works' for full time supervision of site at his cost during the execution of the work for attending to day to day affairs. He shall keep record of daily work schedule and keep inform the progress to the Architect / Bank on daily basis till completion of project.

27. The Tenderer should have at least 07 years of experience of working with similar Nature of works.

TECHNICAL SPECIFICATIONS OF INTERIOR WORKS AND SUPPLY & INSTALLATION OF FURNITURE ITEMS

1. SPECIFICATION SCHEDULE

- a. The tenderers are requested to study the enclosed bill of quantities and specifications in details to ascertain the requirement for completion of the subject work as per standard practice confirming to IE Regulations and relevant IE specifications.
- b. Testing of materials / works shall be carried out as per latest specification / BIS codes from approved test laboratory. The contractor shall carry out all such tests at his own cost & time. The nos. of samples to be submitted for testing and the frequency of testing shall be as specified in the specifications / standards or codes.
- c. All the works shall be carried out in accordance with drawings, specifications, description of item in schedule of quantities or as per the direction of ARCHITECT to his full satisfaction. If the substitution of any approved / specified material and make, due to its non – availability, with an alternative one, becomes necessary, the agency must get specific approval of the same before placing order for purchase of materials.
- d. Providing and operating necessary measuring and testing devices and materials are included in the Contractor's scope of work. The quoted price shall be inclusive of the cost of all such tests, which are required to ensure achievement of specified quality. No separate payment for testing shall be made.
- e. All finished work must be truly vertical & horizontal or in any other plane as specified. The rates quoted by the agency must include the cost for taking necessary measures to achieve it.
- f. Any scaffolding used shall be of double vertical supports and no portion of scaffolding shall touch the wall surface.
- g. The workmanship is to be the best available and of a high standard. Use must be made of special trades men in all aspects of the work and allowance must be made in the rates for so doing. Contractor shall maintain uniform quality and consistency in workmanship throughout.
- h. Any work not conforming to specifications or workmanship shall be rejected and the same shall be rectified or removed and replaced with work of the required standard of workmanship at no extra cost to the employer.
- i. Rates quoted for the items shall be valid for carrying out the item of work at any and/ or all floor heights.
- j. Although all the details of work have been by and large covered in these documents, any item or detail of construction not specifically covered but obviously implied and essential to consider interior works and all internal services complete and functional, shall be deemed to have been covered in the item rate quoted. The tenderer may however, consider a minimum level of specifications conforming to IS Code or National Building Codes to cover these missing details.

2. UNIT RATE

The tenderers should quote the unit rates for all the items against the enclosed bill of quantities for making the payment as per actual work done at site.

3. PLYWOOD

- a. Unless otherwise stated, only BWR / BWP grade plywood boards shall be used. Plywood shall comply with standards and specifications. Face veneers may be either commercial or decorative on both sides or one side commercial and the other decorative. Type of

face veneer and grade of plywood boards shall be, as specified.

- b. CROSS GRAIN/ LONG GRAIN FLEXIPLY: Shall have flexibility and high bending quality. It can be cold formed to curve surface requirements. Made of quality species, exclusively with phenolic resin and conditioned to undergo any sort of rigorous climatic changes such as alternate wetting and drying. Shall not require any external heat or water sprays which are the conventional for post forming.
- c. ELASTICITY: Cross grain 200N/mm²
- d. DENSITY: 0.75gm/cc
- e. BENDING RADIUS:

6mm	10mm diameter
8mm	12mm diameter
12mm	30mm diameter

4. BLOCK BOARDS

All Block boards and formed boards shall be of specified thickness, uniform in colour texture, finish. They shall comply to IS code and shall bear IS marking.

They shall be pressed with exterior quality phenol formaldehyde resin in hot press.

Unless otherwise stated grade I (Exterior grade) block board shall be used for construction. Face veneers shall be commercial on both faces.

5. MDF BOARDS

- a. MDF of exterior grade with no VOC content shall be used. All MDF board where specified shall be Phenol Formaldehyde bonded and generally conform to IS code and shall bear IS marking.
- b. MDF Boards shall not be used in wet areas such as toilets, bathrooms etc. and location subject to direct water. At every joint of the cladding an expansion gap of 3mm to 6mm should be provided.

6. PRE-LAMINATED BOARDS

Pre-laminated boards / high / medium density Fiber boards shall be shall be Phenol Formaldehyde bonded and conforming to IS and shall be with exterior quality adhesive only. Thickness shall be as specified.

7. DECORATIVE TIMBER VENEER PLY

- a. 3.5 - 4.0mm thick straight grained matching approved veneers shall be used. The veneer shall be resin bonded & suitable for the intended use the decorative veneer should have attractive appearance due to figure, colour, grain, luster etc. The decorative veneer surface shall be selected for figure, texture, colour and grain characteristics. All the veneer shall be from one lot and shall be group matched so as to be similar in grain and characters.

Architect's prior approval of the lots is to be obtained before the same is procured. The grains/flowers shall be strictly placed either horizontally or vertically or diagonally and matched as per instructions of the employer. The decorative veneered surface shall be free from torn grain, dead knots, discoloration and sapwood. Where group match veneers are specified it shall refer to a certain number of decorative matched plywood panels, matching in figure, colour and grain as required to form a group to give an overall general effect, the quantity of each group unless mentioned in the schedule shall be restricted to at least one enclosed cabin space, as the case may be. The decorative veneered surfaces with figures shall not be allowed unless specified with schedule. For majority of veneers the contractor

shall arrange for selection of finishing material from bulk stocks of the supplier. A joint visit shall be arranged by the contractor along with Architect/Employer for the selection process. This shall have no bearing on the cost to the employer.

- b. Fleece Backed decorative veneer ply shall be min 0.5 mm veneer mounted Polyester Fleece back in lieu of plywood backing.

8. LAMINATE SHEETS

Laminate shall be of the brand, catalogue surface finish, colour as specified and approved by the Architect. All laminates shall be in finish as per design intent unless mentioned otherwise. Laminates shall comply with standards and specifications.

9. Gypsum board as manufactured by India Gypsum Ltd. Or Saint Gobain and shall confirm to CBRI certification. Board shall be moisture resistant, light weight, strong, durable dimensionally stable, smooth surface finished such that ready to receive directly painting, wall papering etc.
10. All fittings and fixtures shall be as specified in Schedule of Items or on drawing by Architect. Approved makes only shall be used for respective items. Fittings shall be guaranteed by the manufacturer for its performance.
11. Adhesives and glue shall be as per IS for exterior quality and water repellent.
12. Fabric shall be of approved make and shade and fixed with approved adhesive as specified by Architect. Wall fabric shall achieve Class 1 surface spread of flame.

13. FASTENERS

All fixing anchor, bolts, screws, nuts, washers or other miscellaneous anchoring / fixing devices shall be of non-magnetic stainless steel and approved by Architect and shall provide adequate strength.

14. HIGH PRESSURE LAMINATE (HPL) / COMPACT LAMINATE PANELS

Compact Laminate shall be as per IS 2046 (Indian Standard) and as per fire retardant BS-476/97 standard. The solid compact laminate (Phenolic Core Board) shall be based on thermostatic resin, homogeneously reinforced with cellulose fiber and laminate on both side with suede finish, scratch and impact resistant, to achieve the cubicles dimensions joint-less partitions.

The cubicle system will be equipped with heat and bacteria resistance. The modular cubicle shall possess 100% resistant properties towards: Water, chemical, impact.

Following criteria shall be involved in selection of compact laminate

- a. No solvent are used in production.
- b. No heavy materials are used.
- c. The energy requirements during curing are extremely low.
- d. Recycling is possible.
- e. More than 60% of raw materials are renewable.
- f. The durability of the product ensures the performance of the composite throughout its entire life cycle.

15. The contractor shall submit for approval of the following:

- a. Literature / Catalogue of product to be used.
- b. Test certificates from independent laboratories conforming that product meets standards specified.
- c. Manufacturers certification that product meets / exceeds specification for the project.
- d. Include data for wood preservative treatment and chemical treatment from manufacturer and certification by treating plant that treated materials comply with requirement.
- e. Literature describing each fabric wall covering product and its suitability for the surface intended shall be submitted. List materials composition of fabric materials including backing.
- f. Samples: 3 no's each of:
 - i. Timber piece - 300x100x60 mm
 - ii. Veneers - 300x300mm
 - iii. Laminates - 300x300 with shade samples
 - iv. Pre-laminated board of exterior quality - 300 X 300 mm
 - v. MDF Board of exterior quality - 300 x 300mm
 - vi. Samples with polish / paint finish as specified.
 - vii. Fittings and fixtures samples
 - viii. Gypsum board of size 300 x 300mm
 - ix. GI channels, runners, studs about 300mm long
 - x. 600 x 600mm samples for each type of fabric wall covering

16. SHOP DRAWINGS

- a. The contractor shall prepare detail drawing for site measurement. Drawings shall indicate each material, its installation, fixing details, finishing, etc., all in plan, elevation, section and typical details and will have to get the same approved from the Architect before execution of work.
- b. Shop drawings should be submitted showing the location of each item, dimensioned plans and elevations, large-scale details, attachment devices and other components.
 - i. Show details in full size.
 - ii. Show locations and sizes of furring, blocking and hanging strips, including concealed blocking and reinforcement specified in other sections.
 - iii. Show locations and sizes of cut-outs and holes for cabling fixtures plumbing fixtures, faucets and other items installed in Architectural woodwork.

17. MOCK-UPS

Before fabricating and installing interior Architectural work, mock-ups should be built for each form of construction and finish required to verify selections made under sample submitted and to demonstrate aesthetic effects and qualities of materials and execution. Build comply with the following requirements, using materials indicated for the completed work:

- a. Mock-ups should be built in the location and size indicated or, if not indicated, as directed by Architect.
- b. Notify Architect seven days in advance of dates and times when mock-ups will be fabricated and installed.
- c. Mock ups should demonstrate the proposed range of aesthetic effects and workmanship.
- d. Approval of Architect for the mock-ups must be obtained before starting interior architectural work fabrication.
- e. Mock-ups should be maintained during construction in undisturbed conditions as a standard for judging the completed work.
- f. Demolish and remove mock-ups when directed.
- g. Approved mock-ups may become part of the completed work if undisturbed at time of

substantial completion.

18. FABRICATION & INSTALLATIONS

- a. Fabrication shall be plumb, straight and level. Surfaces shall be milled plane and finished smooth. For jointing prepare clean cut-out and house / joined in best manner using approved adhesive and concealed pins/screws. Mitre joints shall be preferred but basically shall be as shown in shop drawing and approved by Architect. Joints shall be fitted with due accuracy and hairline tight.
- b. Work to be installed and fitted in contact of adjoining concrete / masonry shall be fabricated with due allowance for site adjustments but within acceptable tolerances.
- c. Fabrication and assembly shall be completed as far as possible in work shop. Prepared items shall be marked prior to shifting for perfect level, align and fix at site.
- d. All exposed veneers work in solid timber and veneers shall be within approvable range of samples approved. Special care shall be taken to ensure that the width of veneers in all related fabrication shall be identical and shall have an even number of veneers of equal near equal widths except where a single veneer is sufficient.
- e. Counter tops, counter fronts, shelves, cabinets, dividers, and drawers, shall be constructed with specific core and shall be finished as specified in drawing or Schedule of Items or as approved by the Architect at site.
- f. Prior to start of any fabrication actual site measurements shall be taken and detail shop drawing corrected accordingly with approval of the Architect.
- g. All work shall be finished free from runs, sags or other visual defects, wood shall be thoroughly smoothed and sanded to remove all traces of machines and tool marks. Surface preparation shall be as per IS code of practice or ready to receive specified finish.
- h. Supervision and workmen employed shall be experienced in field of carpentry works and shall be able to guarantee workmanship and finish of standards as established and approved by the Architect.
- i. Items specified from specific manufacturer with code no. And of approved manufacturer shall be with quality assurance certificate from manufacturer.
- j. The installation should be done by an experienced installer who has completed architectural woodwork (Furniture) similar in material, design and extent to that indicated for this project and whose work has resulted in construction with a record of successful in service performance.
- k. Fabricator should be experienced in producing architectural woodwork similar to that indicated for this project and with a record of successful in service performance, as well as sufficient production capacity to produce required units.

19. FITTINGS AND FIXTURES

- a. All fittings and fixtures shall be detailed in shop drawings, conforming to specification and shall be fixed as per manufacturer's instructions.
- b. Fittings and fixtures shall make assembly sturdy and securely placed.
- c. Where finishes are to be done on installation remove fixtures and allow painter / polisher to work and on completion re-fix them.

20. PRODUCT HANDLING AND STORAGES

- a. All materials and work shall be protected from damage until final acceptance of work. Cover, ventilate and protect from damage caused by weather, moisture, heat, staining, dirt, abrasions and other causes which may adversely affect appearance or use, or which may cause deterioration of finish warpage, distortion, twisting, opening of joints and seams, delamination, loosening etc of woodwork.
- b. Do not deliver woodwork, until painting, wet work, grinding and similar operations which could damage, soil or deteriorate woodwork have been completed in installation areas.
- c. Damaged or defective items of work in this section are subject to rejection and replacement with new items by contractor at no cost to the Employer.

- d. All materials shall be carefully stored at all times and fully protected from external conditions or contamination.
- e. Wood particle boards shall be stored in packs on a level flat surface in a clean, dry and covering surface with free circulation of air. The edges of boards in a pack shall be in a straight vertical plane.

21. FINISHING

- a. All completed works shall be delivered fully finished in neat and clean condition without any stains, marks, defects, etc. and shall meet with the approval of the Architect. Unless otherwise stipulated all work shall include priming and protective treatments and finishing as required
- b. During the course of work regularly all debris swash excess material shall be cleared and removed from site. On completion clean all places / spaces thoroughly.
- c. Wood work shall be protected from defacement, marring till final completion and hand it over to the Employer.
- d. Repair and replace all defective work prior to final inspection.
- e. Prior to final inspection by the Architect / Employer the contractor to check to ensure proper operations, finish and surroundings.
- f. The approval of work do not relieve the contractor of his liability to maintain to defects liability period at contractor's cost.
- g. Before fabric wall covering is started in any area, it shall be broom cleaned and excessive dust shall be removed. After wall covering operations begin in a given area, broom cleaning will not be allowed. Cleaning shall then be done only with commercial vacuum cleaning equipment.
- h. The Contractor shall be responsible for protecting all the mirrors & glasses fixed by him till handing over of mirrors & glasses forming part of this contract. The contractor shall replace at his own expense any broken or damaged mirrors glasses caused through lack of adequate protection or care in installation or handling. All installed materials shall be left in perfect condition to the satisfaction of Architect/ Employer.
- i. Upon completion of work, the contractor shall remove all adhesive from the floors, glass and other surfaces. Remove from the premises all rubbish and accumulated materials of whatever nature, not caused by others, and leave this part of the work in clean, orderly and acceptable conditions.
- j. All paints / polish shall have VOC within limit as specified in Tender Documents as per Green Building requirements. Paints used in the works shall conform to the respective IS or equivalent, other international standard (if specially specified) and code of practices. These shall be the latest revised.

22. INSTALLATION BRACKETS

Brackets shall be of atomized steel powder coated to give superior finish. Bracket shall accommodate overhead, side or face mounting with clutch assembly on either end of roller.

23. BOTTOM WEIGHT

Bottom of the blind shall be provided with Aluminium tube powder coated in a colour matching to the fabric. The fabric shall be enclosed in the suitably created pocket along with the tube. The tube shall be closed from sides with end caps to give a neat look.

24. FURNITURE

- a. This section of the specification shall be read in conjunction with the Drawings and other contract documents, and other sections of specifications which shall be deemed to be complimentary to one and another, in particular the technical specifications, painting section etc. The Contractor carrying out this work shall be responsible for providing all labour, plant, tools, materials and everything necessary for the proper execution, completion and maintenance of these works. All furniture shall be

- of contract quality and suitable for commercial use.
- b. **DIMENSIONS**
All wood sections are approximate and are given for reference to prepare the sample. The size of sections is likely to vary 15%. No deduction or enhancement of rate shall be considered on this account. Figured dimensions shall be taken in preference to scaled dimensions in all cases. Before commencing any works, the Contractor shall verify all measurements on the site.
- c. All loose furniture items brought at site shall be kept in wrappers (polythene) sheets to avoid any damage to the item. All materials to be insect and vermin free.
- d. **METAL FURNITURE**
- i. Where metal legs, frames and the like are used, these shall be welded, brazed, bolted or riveted as required, finished surface welding, brazing, and riveting shall be well grounded so that no evidence of this is apparent on the final finish of the metal.
 - ii. All legs of case or cabinet furniture, whether of wood or metal, shall be provided with nylon glides or castors unless otherwise shown on the drawings.
 - iii. Metal furniture is to be fabricated from solid sections to the dimensions suitable for stability and rigidity in them with context of contract furniture. All metal parts shall have a protection coating to guard against pitting, rusting or peeling in high humidity climates. Rubber grommets shall be supplied as a cushion between metal base and specified tops. For powder coating only pure polymer shall be used.
- e. **FINISH**
Finishes shall be fully in accordance with the drawings and schedules. Where timber is in natural finish, pieces shall be matched for colour and grain before assembly. Where timber is stained the stain shall be matched throughout.
- f. **HARDWARE**
Hinges, locks, latches, door handles, nails, etc., shall be as specified or as approved substitute equal or be better than the specified. For fixing drawer slides (runner slides), auto closing hinges etc. hole pattern as recommended by the manufacturer. Cup holes shall be punched very accurately mechanically only using a drill bit, drilling template. Drilling positions shall be to suit the kind of hardware used. Marking of drill holes shall be corresponding to hinge type.
- g. **JOINTS & ADHESIVE**
All joints shall be standard mortise and Tennon dowel, dovetail, cross halved, tongued & grooved or rebated. Nailed butt joints will not be permitted. Where mortise & Tennon joints are used tendons shall fit the mortise exactly. Adhesive shall be as approved for Carpentry and joinery. Lap joints with glue shall be permitted in wood skirting. The designer may require these joinery and joints to be accentuated in various components. Joints shall be allowed only as shown in the drawings. No joint shall be allowed in a structural member of the furniture such as legs, bracing members etc.
- h. **FASTENINGS & ZIPPERS**
Screws, nails etc. shall be of standard iron or wire. Pillow cases shall have concealed non rusting zippers for easy removal of casing and cleaning. All rearms must be double safety shifted with quality matching threads.
- i. **STORAGE, PROTECTION, DELIVERY & INSTALLATION OF FURNITURE & FURNISHINGS ON COMPLETION**
Wherever and whenever required all items of loose furniture shall be installed in the positions shown on the drawings, during period inspections (if desired by the Owner) and on completion. All expenses towards transportation (cartage etc. shall be borne by the contractor).

The contractor shall provide storage, protection and guard all fixed items and loose items

of furniture, textures, fittings and all other furnishing from dust, fire, damp, theft or any other damage until the date of hand over of the completed works.

The contractor shall make his own investigations to guard against local sources of attack and damage and take all necessary precautions for protection. On the completion of the installation of all work the Contractor shall leave all work clean and perfect. Visual Inspection before covering up. Timber shall be treated with approved wood preservative before use. Before starting the carpenters work, the contractor shall have the rough timber approved by the Architect / Employer.

25. PANELLING FOR WALL PANELLING, LINING AND PARTITION

The boarding for wall panelling, lining shall be of boiling waterproof plywood (BWP), with teak veneer /laminate as per BOQ fixed on GI frame. The boarding shall be of sizes shown in the drawing. In case of partitions, the facing materials like plywood with approved veneers.

a. INSTALLATION

All joinery work shall be of specified quality, subject to inspection and approved before delivery. All workmanship pertaining to wood work shall be of best standard and all joinery work shall fit freely and without wedging or filling and of the kind directed by the Engineer-in-charge. All carpenter's work shall be done by skilled workmen using proper tools. All joints shall as far as possible, be mortised and tenoned and glued with best quality approved waterproof glue. Where mortise Tenon joints are not possible, the joints shall be securely nailed with the longest nails that may be used without splitting the wood.

Wherever it is necessary or adequate joints cannot be formed by nailing, the members shall be lapped or jointed by GI straps or extra wood blocks. All joints shall be done with neatness and as approved and directed by the Architect.

The joinery work shall be framed and put together immediately but not to be wedged up until required for fixing. The approval of the Architect shall be obtained before any primer coat is applied.

The whole of joinery to be finished to the dimensions and sizes indicated in the drawings are subject to a tolerance to 1.50 mm of each planed face.

If after execution any shrinkage or bad workmanship is found, the Contractor shall forthwith replace or refix the same at his own cost, all as directed by the Architect.

Rate quoted shall include for all framing, usual waste and cuttings and no extra rates or claims will be entertained on this account. The rate for wood work shall include the cost of all sawing, planning, jointing, framing, labour and materials for raising and fixing and all workmanship and fixing and supplying of all strips, bolts, nails, Tre-nails, spikes, keys, wedges, pins, screws etc. necessary for the framing as per specification and drawings. Edges of the beams, joists, posts, frames etc. shall be rounded, moulded or chamfered as directed without extra charges.

Ply/Timber in contact with masonry or concrete shall be treated with solignum paint or any approved anti-termite treatment before fixing.

The Contractor will be making necessary holes in concrete and masonry for fixing in position and grouting. The Contractor will be responsible for the proper fixing of partitions true to plumb and alignment until completion and grouting pockets with cement concrete and make good affected portions without claim to any extra.

b. HARDWARE FITTINGS

The intention of the contract is that that the work as shown shall be completely equipped with required hardware. Any required item not noted or listed shall be finished in a grade equal to and in harmony with similar item listed.

All hardware shall be of perfect fit, uniform in finish and free from imperfections that affect serviceability or mar the appearance.

The contractor shall be responsible for the proper working of all hardware, for a period of one year from the date of completion of acceptance of the work.

All hardware fittings and fixtures shall be made with structural properties to sustain safety and withstand strains and stresses to which they are normally subjected to such as opening and closing, wind pressure etc. The fittings shall generally conform to relevant specifications.

They shall be made true, clean, straight, with sharply defined profiles and unless otherwise shown or specified, with true smooth surfaces and edges, free from defects, screw holes shall be counter sunk to suit the head of wood screws.

These shall be treated with finish as specified in the Bill of Quantities.

26. GLASS

All glass shall be of superior quality from approved manufacturers like Saint Gobain or approved equivalent, having uniform refractive index and free from flaws, specks and bubbles. Sheet glass for glazing and framing purposes shall conform to IS: 2835 latest edition. The glass shall be brought to site in the original packing from the manufacturer and cut to size at site. The cut edges shall be straight and free from chips, spalls or any other damages.

27. GYPSUM PLASTERBOARD PARTITION

Gypsum plasterboard Partition shall be fixed on metal stud conforming to GS-MSP 102S.1.4 48 x 38 x 1mm thick placed at every 600mm c/c in vertical direction upto ceiling and the ends should be crimped / screwed rigidly at top and bottom, additional members at skirting, top portion and false ceiling and for fixing of electrical boxes / fittings.

Two layers of 12.5mm thick Gypsum plasterboard of tapered edge Fire line Board one on each side of the metal stud screw fixed with 25mm drywall zinc chromium plated, self-drilling screws, at 300mm centres to either side of 48mm studs (1mm thick having one flange of 38mm made of GI steel) placed at 610mm centre to centre in 72mm floor and ceiling channel (0.55mm thick having two equal flanges of 32mm each made of GI steel) with joints staggered to avoid "through joints". Finally the square & tapered edges of the boards are to be jointed and finished so as to have a flush look which includes filling & finishing with jointing compound, Joint paper tape and two coats of Drywall Top Coat suitable for Gypsum plasterboard (as per manufacturer's specification)

28. PUTTY

In general, the putty shall conform to IS: 420 latest editions. The putty shall be of best quality from approved manufacturer. It shall be brought to site in the manufacturer's original packing.

29. PUTTY TEXTURED EMULSION PAINT

Providing and applying 2/3 coats of plastic/acrylic light textured emulsion paint on finished surface of gypsum walls, POP punning, Gypsum ceiling and existing plastered ceiling, of approved design, colour and make.

30. PUTTY TEXTURED EMULSION PAINT

Before commencing painting, the Contractor shall obtain the approval of the Architect regarding the scheduling of work to minimize damage, disfiguration or staining by other trades. He shall also undertake necessary precautions to prevent damage, disfiguration or staining of other trades or other installations.

- a. Contractor shall protect not only his own work at all times but also all the adjacent work and materials by suitable covering, protection or other methods acceptable to the Architect during progress of painting. It is the responsibility of the contractor upon completion of painting work to remove all paint and varnish spots from floors, walls, glass panes and other surfaces and restore them to the original conditions. The work generally to be touched up shall be attended to after all other workmen have left. All accumulated material, rubbish etc. have to be cleared and the premises left in clean, orderly and acceptable conditions.
- b. Contractor shall provide MS scaffolding wherever necessary erected on Lattice / H frames clamped together by horizontals and cross braced. No ballies, bamboos or planks shall be used. The scaffolding shall not rest on or touch the surface which is being painted. Contractor is deemed to have considered the following while tendering.
- c. Supplying the paint and other materials required of approved colour and brand.
- d. Preparing the surface to be painted.
- e. Providing and erecting scaffolding and removing the same after completion of the work.
- f. Lifting of materials to any height and painting at all levels.
- g. Application of paint as per the specification and to Manufacturer's instructions.
- h. Curing, protecting the painted surface, adjacent work and thoroughly cleaning of the premises.

ACCEPTANCE CRITERIA

- a. All painted surfaces shall be uniform and pleasing the appearance.
- b. The colour, texture etc. shall match exactly with approved samples.
- c. All stains, splashes and splatters of paint shall be removed from surrounding surfaces.

31. CARPET TILES

The floor which receives the carpet to be thoroughly cleaned as per manufacturer's specification. The carpet is to be laid over a bed of manufacturer's approved adhesive spread evenly over the entire floor. The laid carpet shall be protected with layer of PVC or HDPE sheet of 50 microns thickness, held together with scotch tape. The laid carpet to be vacuumed after the removal of protective cover/on commissioning. If after the protective layer is removed and stains observed in the carpet because of inadequate protection, the same shall be shampooed and made good to the satisfaction of the Architect / Employer.

Style: Tile Roll

Construction: Tufted Textured Loop

Fiber Product: 100% Solution Dye PP

Gauge: 39.4/10cm. (1/12)

Finish Pile Thickness: 7.49mm +/- 0.5

Production yarn weight: 20 oz

Dye Method: 100% solution Dyed

Primary backing: Action Back

Tuft Bind: As per ASTM Standards

Delamination Strength: As per ASTM Standards

Static Control: As per ASTM Standards

Soil retardant: Protek

Anti-Microbial: Alphasan Built in Protection

Moisture Control: Yes

Electrostatic propensity: less than 3.5KV-Permanent Cond

Flammability (Radiant Panel ASTM-E-662): >_0.45 (Class I)

32. All materials shall be insured for risk against fire theft and other calamities.

TECHNICAL SPECIFICATIONS OF ELECTRICAL, HVAC AND SECURITY SYSTEM

SCHEDULE-A

GENERAL:

1. SPECIFICATION SCHEDULE-A

The tenders are requested to study the enclosed bill of quantities and specification in detail to ascertain the requirement for completion of the subject work as per standard practice confirming to IE regulations & relevant IE specifications.

2. UNIT RATE

The tender should quote the unit rates for all the items against the enclosed bill of quantities for making the payment as per actual work done at site. Where ever the lump sum rate is called for/ quoted the tenders should consider all cost towards incidental or other cost for the total completion of the respective work.

3. IDENTIFICATION MARKS

Letter painting/stickering on panels/switches/distribution boards etc. shall be carried as directed by engineer in charge for identifications of incoming & outgoing feeders/ circuits.

4. DRAWINGS

The contractor after completing the work should furnish 3 sets of as installed drawing (AutoCAD) in hard copy (in readable size) & 2sets of soft copy (in appropriate AutoCAD /PDF) indicating the various layout drawings such as lighting/power/air conditioning ducts/piping/equipment layouts GA drawing/LT panel SLD/ Distribution board etc. as may be required & as directed by engineer in charge.

5. TESTING & COMMISSIONING

The various items of work specified in the enclosed bill of quantities shall be tested & commissioned of the completion of work. The work will be taken over by client after satisfactory testing & commissioning of installation and furnishing the detailed circuitry drawing, technical literature, catalogue, test certificates.

SCHEDULE-B

1. TECHNICAL SPECIFICATIONS OF MCB DISTRIBUTION BOARD

Miniature circuit breakers shall be quick make and break and break type conform to IS: 8825 (1996). The housing of MCB's shall be heat resistance and having high impact strength. The fault current of MCB's shall not be less than 10KA at 230 volts. The MCB's shall be flush mounted and shall be provided with trip free manual operating mechanism with mechanical "ON" and "OFF" indications.

The circuit breaker shall be of trip free pattern to prevent closing the breaker on a faulty current.

The MCB contact shall be silver nickel and silver graphite alloy and tip coated with silver. Proper arc chutes shall be provided to quench the arc immediately. MCB's shall be provided with magnetic fluid plunger relay for over current and short circuit protection.

The over load or short circuit devices shall have a common trip bar in the case of DP and TPN miniature circuit breakers. All the MCB's shall be tested and certified as per Indian standard, prior to installation.

The distribution board as specified in the bill of quantities of any approved make and in conformity with standard distribution board in all respects, with MCB units of approved make as specified in approved list of materials.

The distribution board as specified in the bill of quantities, double door of approved make and in conformity with standard distribution board in all respects, with MCB units of approved make as specified in approved list of materials.

Adequate space shall be provided in all distribution boards for easy entry/outgoing/interconnections of cables/ wires inside the distribution boards.

Each distribution board with IP 43 protection to be provided with RCCB, MCB as per BOQ. The DIL rails shall be of good quality and the labelling to be performed on the DB to ensure which MCB is serving the particular spaces and it should be labelled on the switch plates.

2. TECHNICAL SPECIFICATIONS OF LIGHTING/POWER/UPS CIRCUIT WIRING

Laying of 2RX4sqmm+1Rx2.5sqmm HFFR 1100v grade copper wires from Main LT Panel to Lighting distribution boards.

Laying of 2RX2.5sqmm+1Rx1.5sqmm HFFR 1100v grade copper wires from lighting distribution boards to Lighting switch boards.

Laying of 2RX2.5sqmm+1Rx1sqmm HFFR 1100v grade copper wires from lighting switch boards to LED luminaries.

The cables/wires to be pulled in conduits and precaution to be taken that conduit to be free from sharp edges. The contractor has to procure the cable test certificates from the manufacturer for insulation resistance test, flame retardancy test, halogen content, smoke density test, oxygen index test, and temperature index test.

POWER CIRCUIT WIRING

Laying of 4RX6 sqmm+1RX4sqmm FRLS HFFR 1100v grade copper wires from Main LT Panel to Power distribution boards.

Laying of 2RX4 sqmm+1RX2.5sqmm FRLS HFFR 1100v grade copper wires from distribution board to Power Switch boards.

The cables/wires to be pulled in conduits and precaution to be taken that conduit to be free from sharp edges. The contractor has to procure the cable test certificates from the manufacturer for insulation resistance test, flame retardancy test, halogen content, smoke density test, oxygen index test, and temperature index test.

UPS CIRCUIT WIRING

Laying of 2RX4 sqmm+1RX2.5sqmm FRLS HFFR 1100v grade copper wires from UPS distribution board to UPS Switch boards.

The cables/wires to be pulled in conduits and precaution to be taken that conduit to be free from sharp edges. The contractor has to procure the cable test certificates from the manufacturer for insulation resistance test, flame retardancy test, halogen content, smoke density test, oxygen index test, and temperature index test.

3. TECHNICAL SPECIFICATIONS OF CABLES, TERMINATIONS & CABLE TRAYS

All the cables to be procured by contractor shall be armoured XLPE confirming to IS 7098 part-1/1988

This specification covers the technical requirements of supply, laying, testing and commissioning of Heavy duty medium voltage XLPE insulated PVC sheathed armoured copper conductor cables laid on cable trays, in pipes, clamped directly to wall or structures etc. as called for in the drawing upto 1100 Volts for power, control and lighting application for efficient and trouble free operation. The contractor shall provide all materials, labour, equipment's, scaffoldings etc., as required for the completion of M.V. Cables, Cable Trays etc., as called for.

The cable shall be properly packed for transportation, supply and delivery at site.

CODE AND STANDARDS

The materials covered by this specification shall unless otherwise stated as designed, constructed, manufactured and tested in accordance with latest revisions of the relevant Indian Standards.

IS 1554(Part I)-1988	PVC insulated cables for working voltages Up to and including 1100V.
IS 5831 - 1984	PVC insulation & sheath of electric cables
IS 8130 - 1984	Conductors for insulated electric cables
IS 3961 (Part II)-1977	Recommended current ratings for PVC insulated and PVC sheathed heavy duty cables.
IS 7098	Cross linked polyethylene insulated PVC sheathed cables.

The individual cores shall have continuous numbering of the core all along its length and also be provided with identification ferrules at both ends.

FRLS cables shall be used for fire protection system controls to prevent flame propagation, smoke reduction and to avoid toxic gas emission in the event of a fire.

Manufacturer's name, ISI Mark, cable size and type shall be clearly embossed at regular intervals on all cables.

RATING

The cable shall be rated for a voltage rating of 650/1100 Volts.

Core Identifications:

Cores shall be provided with the following colour scheme of PVC insulation:

Single Core	Green yellow for earthing.
Two Cores	Red and Black, Blue & Black, Yellow & Black.
Three Cores	Red, Yellow & Blue
Four Core	Red, Yellow, Blue & Black

INSULATION:

The conductor is insulated with suitably compounded PVC applied to the conductor by the extrusion. The PVC compound used for insulation shall have reduced flame propagation property. This shall also have reduced emission of hydrogen-chloride gas fumes etc. when severely overheated during fires.

CORE IDENTIFICATION:

The cores of the cables shall be provided with the colour scheme of PVC insulation as per IS for any easy identification.

OUTER SHEATH:

The PVC compound used for outer sheath shall be resistant to termites, fungus and rodent attacks and shall also have reduced flame propagation property as specified above.

LAYING:

Cables shall be laid as per the specification given below

4. TECHNICAL SPECIFICATIONS OF PVC CONDUITS & ACCESSORIES

CONDUIT

Conduit shall be black, enamelled, threaded type and of the gauges:

25mm dia 14SWG

20mm dia 14SWG

Conduit run on surface shall be supported on metal. Saddles which in turn are properly secured on the wall / ceiling , saddles shall be at intervals of not more than 600mm fixing screws shall be with round/chase head and oxidized.

Providing data & telephone points wiring using cat6 cables from the network switch location upto the input output ports as per standard practice and directed by engineer in charge.

Conduit recessed into the wall shall be fixed by the means of staples at not more than 600mm

intervals. Chase in the walls shall be neatly re-plastered after laying brought to the finish that matches with the surroundings.

18mm SWG fish wire shall be drawn all conduits before they are embedded.

Inspection boxes shall be provided at suitable intervals as directed by engineer in charge for maintenance to facilitate draw and remove of wires in future.

Conduits shall be free from sharp edges and burns. The threading shall be free from Grease or oil. The entire system must be completely installed and rendered electrically continuous. Necessary bushes shall be provided before the conductors are pulled in.

5. TECHNICAL SPECIFICATIONS OF POINT WIRING & SWITCHES

The applicable standards for above work shall be as listed below:

- IS : 732 Code of practice for electrical wiring installation (System voltage not exceeding 650V).
- IS: 1646 Code of practice for fire safety of buildings (General Electrical installation).
- IS: 3837 Accessories for rigid steel conduit for electrical wiring.
- IS: 694 PVC insulated cables.
- IS: 8130 Conductors for insulated electric cables and flexible cords
- IS: 3854 Switches for domestic purpose.
- IS: 9537 Conduits for electrical installation.
- IS: 3043 Code of practice for earthing.
- IS: 5216 Guide for safety procedures and practices in electrical work.

Indian Electricity Act and Rules.

Regulations for the electrical equipment in buildings issued by the local Regional Council of Insurance association of India, local CEIG, local electric supply company.

Point wiring, where ever called for, shall include the conduit wiring from switch board to light points with all accessories such as lamp holders, ceiling roses, wooden round block, pull boxes and etc. complete in all respect. The point wiring shall commence from the switch board upto light points unless otherwise the sub mains are included in the bill of quantities as measurable.

Wires for lights in common circuits in such case that circuits shall have the total points indicated in tender drawing.

All the PVC insulated copper conductor FRLS wires shall be 2Rx1.5sqmm +1Rx1.5sqmm shall be used as specified in tender.

All mains, sub mains, distribution circuits & earth wires etc. shall be coloured coded distinctly.

SWITCH OUTLET & SOCKET OUTLET BOXES

CONCEALED TYPE OUTLET BOXES

The concealed outlet boxes for switches, sockets, power outlets, telephone outlet, fan regulator etc., shall be of standard factory made and to match the exact requirement of

combination of outlets. The boxes shall be fabricated out of heavy gauge CRCA cold rolled carbon alloy sheet steel with zinc plating (G.I). The size of boxes shall match the type of outlet/switch plate to be mounted on the box. Adequate No. and size of knockout holes shall be provided to terminate the conduits in the box. These boxes shall be of standard factory made product and of same make as of switch plates and sockets. Separate screwed earth terminal shall be provided in the box for earthing.

The outlet box shall be of minimum depth of 50mm.Boxes shall be suitable for grid mounting type of accessories. Long screw shall be provided to take care of the extra plaster thickness to mount the switch plates. Provision shall be made in the box and switch plate to have the minor adjustment of alignment of switch plate to plumb level.

SURFACE TYPE BOXES

The boxes for mounting switches, sockets and other wiring devices shall be either moulded plastic or heavy gauge CRCA sheet steel painted to match the colour of wall. The box shall be suitable to terminate the G.I/M.S. Surface conduit into the box. The size and shape of box shall match the exact type and combination of switch plates, receptacles and wiring devices. Deep boxes shall be used to facilitate easy termination of conduit and wires/cables. Separate screwed earth terminal shall be provided in the box for earthing.

For surface conduit installation the light outlet box shall be of G.I/black enamelled M.S. boxes. The boxes shall have threaded stub projection having internal threading to terminate the conduits of different sizes. The boxes shall have concealed screwed socket for fixing the ceiling rose. The boxes shall be minimum 50mm deep.

SWITCHES

Switches shall conform to IS: 3854, and IS: 4615. Switches shall be single pole, single or two way as shown on the drawings. They shall be of the modular type rated for 250V, 5/15A. They shall be provided with insulated dollies and covers.

The switches shall be rocker operated with a quiet operating mechanism with bounce-free, snap acting mechanism in an arc resistant chamber. The switches shall have pure silver and silver cadmium contacts.

COVER PLATES FOR SWITCHES & OUTLETS

Switches/sockets/wiring devices plates shall be of the same make as of switches/sockets/wiring devices. These shall be of best quality. Moulded plastic grid mounting type device plates/frames shall be used and these shall match with the type of switches/sockets and boxes.

COVER PLATES FOR INSPECTION/JUNCTION/PULL BOXES

The cover plate for PVC boxes shall be with minimum 3mm thick Perspex/ Formica sheet cover and for the G.I/M.S. boxes, shall be of G.I/black enamelled M.S. Plates. The shape of the plate shall match with that of the box.

RECEPTACLES

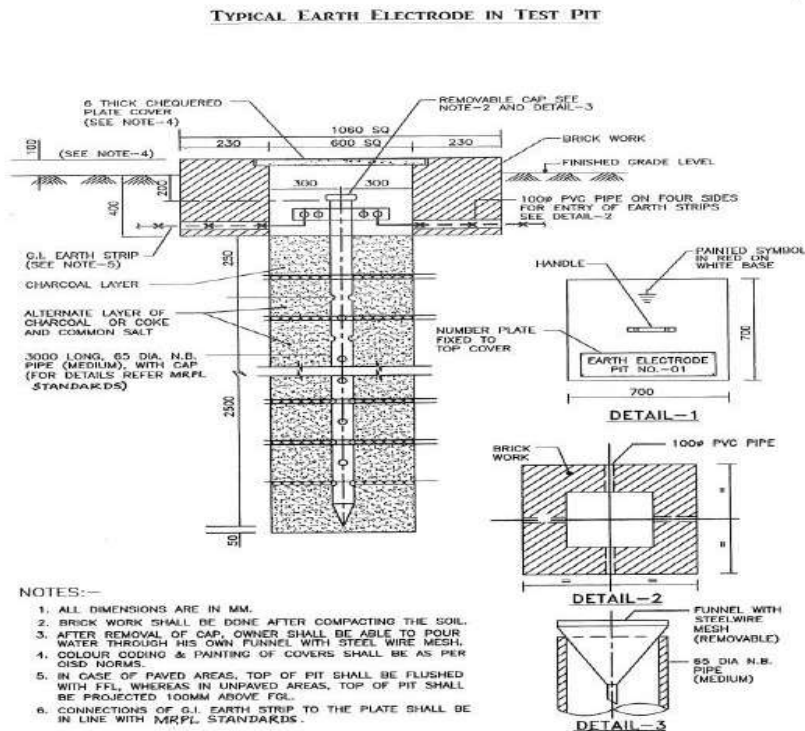
The sockets shall conform to IS 1293. Each socket shall be provided with control switch of appropriate rating. The sockets shall be moulded type rated for 230 volts and of 6/10 A 5pin & 16/20 A 6pin capacity as mentioned on the drawings. The 16 Amps sockets shall be multi pin (6 pin) automatic shutter type suitable for plugging 6 A/16 A plugs. The shutter shall open when the earth pin of the plug is inserted in the socket. Where called for, the 16A socket shall have indicating lamp. The socket outlets and switches shall be of grid mounting

type. The socket outlets installed outside the building/open to sky or in damp/wet areas shall of weather-proof, water-tight type (IP65)

EARTHING:

Each light fitting shall be provided with an earthing terminal suitable for connection to the earthing conductor.

All metal or metal-enclosed parts of the housing shall be bonded to the earthing terminal so as to ensure satisfactory earth continuity throughout the fixture.



6. TECHNICAL SPECIFICATION OF DATA & NETWORKING

The data & networking system to be carried by the contractor by laying the cat 6 cable in the prescribed raceways as shown in drawing. The cat 6 cable need to be pulled in raceways with rubber grommets to be used to avoid the damage from the sharp edges , The raceways need to be laid with appropriate junction boxes at the branches.

The cat 6 cable to be crimped with RJ-45jack at the computer outlet and port patch panel and needs to be given ID no for all the cat 6 cables at computer outlet and patch panel. The RJ-45 & RJ-11 jack to be fitted in a modular type switch plate, each computer outlet to be provided with RJ-45 and RJ-11 outlets.

7. TECHNICAL SPECIFICATION OF G.I. PIPE EARTHING

Supply and providing earth station using electrode buried in the earth pit of the minimum size 900mmX550mmX3000mm depth below the ground level with. The electrode shall be covered with uniformly spread alternate layers of charcoal and salt upto a thickness of 150mm all around the plate. 65mm dia 3000mm long class B GI water pipe to the rigidly clamped with the plate electrode using suitable clamps bolts nuts etc. The GI funnel wire mesh covering to be provided at the top of the GI pipe. Cement concrete base of minimum size 750mmX750mm X100mm thick shall be provided using 1:2:6 CC after necessary excavation refilling of soil, consolidating, ramming, levelling of soil etc., and providing cement concrete

chamber of inside dimension 300mmX300mmX300mm with a wall thickness of 120mm using 1:2:6 CC above the base concrete including providing 50mm thick RCC cover. All bolts nuts check nuts washers etc. after fixing shall be covered with bitumen. All details required and not mentioned above shall be conforming to IS-3043-1987 complete in all respects and as directed.

8. TECHNICAL SPECIFICATIONS FOR FIRE ALARM SYSTEM

The general scope of work envisaged in this part is to be carried out by the fire alarm contractor is illustrated in drawing specification bill of quantities and explain in brief here under.

The contractor shall furnish all labour materials and equipment as listed under the schedule of quantities and specified for installation testing and commissioning of a complete conventional fire alarm system as described in the specification.

The contractor must provide appropriate training programme for Client maintenance key staff (minimum 3 representatives) for a minimum period prior to the handover of fire alarm system.

TECHNICAL SPECIFICATIONS:

The scope of work under this head shall include supplying and installing of conventional addressable fire alarm system as indicated in the layout drawing and the BOQ. The work under the system shall consists of furnishing all material equipment's and appliances on labour necessary to install the system complete with sounders, manual call point, fire alarm panel etc.

All wiring/cabling shall be done using 2CX1.5 sq. mm (2pair) 1100 V FRLS PVC insulated unarmoured copper cable.

Design basis

Design standards: As per national building code 2016
Classification as per NBC: Group E subdivision D-1
Type of building: NABFINS (COMMERCIAL)
Fire alarm system: Conventional fire alarm system.

MULTI SENSOR DETECTORS:

MSD shall be able to detect smoke and heat from the confined space where the detector is installed. MSD make use of photoelectric principle to detect the smoke and heat from the space. The photo electronic optical smoke detector shall be suitable for detecting visible smoke such as produced by slow smouldering fires.

They shall be of the light scattering type using a pulsed internal LED light source and a photocell sensor.

MANUAL CALL POINT HOOTER and SPEAKER:

MCP, Hooter, Speaker and Push to talk back should be single enclosure box.

MCP shall have a push button and switching the push button shall trigger Hooter and convey the signal to FA panel that MCP connected loop has fire/smoke.

An externally visible LED must be incorporated to indicate when the device is in alarm. The LED shall illuminate when the call point is activated. However, the illumination of the LED will be commanded from the control panel.

RESPONSE INDICATOR:

The remote indicator unit shall be designed for fire detection system requiring local indication of an individual or group of fire detectors in the system units shall be fitted with LED providing a wide area of illumination and high on /off contrast for easy viewing.

SPECIFICATION:

The design supply and installation and testing of entire fire alarm systems shall confirm to NFPA 71 and 72 and spacing of detector Confirm to IS2189 standard. The detector shall conform to relevant codes of fire alarm system.

FIRE ALARM SYSTEM TESTING:

The FACP shall be checked for basis tests such as visually checking input voltage and amperage. All zones loops one by one shall be de-wired to check for fault signal indication in the FACP.

The power source shall be cut off and checked for stand by supply from the batteries. After 30minutes the FACP source shall be switched on to check for auto switch over to the mains mode.

Tests shall be conducted for AC fail, charger fail, Dc fail, battery disconnect or battery fails. In all such case the relevant LED should glow and the piezo sound shall also give sound output.

The analog addressable fire alarm system shall be tested as per the following schedule. Additional testing as decided by the officer-in-charge/Engineer-in-charge shall also be carried out by the bidder.

PHOTOELECTRIC TYPE SMOKE DETECTOR:

The testing shall be carried out for each loop/zone initially one detector in a zone/loop and subsequently 2 or more disassociated detectors in each zone/loop with time lapse between the detectors to test for alarm priority, alarm queuing.

An identified detector will be subjected to smoke aspiration from burning paper/cigarette puffs rubber and other materials which give dense smoke held at 0.3m distance from the detector. The FACP should indicate increased analog output and after the programmed delay time a fire alarm signal shall be indicated. This delay shall be utilized for alarm verification.

The same test shall be carried out for two detectors in the same loop but in different rooms, The FACP shall indicate pre alarm, higher analogue levels for both detectors in its display with separate identification for both fires. One of the detectors in queue shall be subjected to higher and longer levels of smoke aspiration. The FACP should give priority alarm for this address.

This test shall be carried out for different loops as well as for 2 loops simultaneously.

INSTALLATION:

Installation shall be accordance with the local and state codes and as recommended by the major equipment manufacturer.

All casing and capping/ conduits elbows tees junction boxes casing and capping conduit supports and hangers shall be concealed in finished areas an. Smoke detectors shall not be

installed prior to the system programming and test period. If construction is going on during this period measures shall be taken to protect smoke detectors from contamination and physical damage.

All fire detection and alarm system devices control panels and remote annunciator shall be flush mounted when located in finished areas and may be surface mounted when located in unfinished areas.

FINAL INSPECTION:

At the final inspection the contractor shall arrange a factory trained representative of the manufacturer of the major equipment at site to demonstrate that the systems functions properly in every respect.

INSTRUCTION:

Provide instruction as required for operating the system. Hands-on demonstrations of the operation of all system components and the entire system including program changes and function shall be provided.

The contractor and/or the systems manufacturers' representative shall provide a typewritten "sequence of operation".

EXIT BOARDS:

The exit boards of 13.25inch/9inch size to be procured and installed by contractor with labelling written as EXIT in English and Hindi.

MAINTAINENCE:

Detailed operation and maintenance manual (3sets) shall be supplied.

9. TECHNICAL SPECIFICATIONS FOR PUBLIC ADDRESS SYSTEM

PUBLIC ADDEESS SYSTEM

PA system should be Microprocessor based 6 Zone selector control console with all call / call back facility with announcement selector switch, listen selector switch, all call switch and goose neck micro phone with stand, power supply unit etc., and the PA panel should be integrated with fire alarm panel (digital voice record).

10. TECHNICAL SPECIFICATIONS FOR VRV UNITS

General

Each Split AC unit shall be air cooled, air conditioner consisting of outdoor units and number of indoor units, each having capability to cool for the requirements of the individual area to be air-conditioned. The Split AC units should be capable of connecting minimum six different type of indoor units to one refrigerant circuit and controlled individually.

Split AC Units

Each Split AC unit shall have single rotary/Scroll compressor or equivalent technology with inverter controller and capable loads. Each indoor unit shall have capability to cool for the requirement of the rooms. Compressor shall be inverter controlled.

Reliability, improved life better backup and duty cycling purpose. The system shall be capable of changing the rotating speed of inverter compressor by inverter compressor by inverter controller to follow variation in cooling and heating load.

The outdoor units shall be suitable for connection of Split AC

Please note that refrigerant piping shall be capable of extending upto 20m

Both indoor and outdoor units shall be factory assembled, tested and filled with first charge of refrigerants. These being very hi-tech in construction with lots of factory checks being conducted. Hence no sub assembly should be done at site preferably.

The outdoor unit shall be factory assembled, whether proof casing constructed from heavy gauge mild steel panels and coated with baked enamel finish. The unit should be completely factory wired tested with all necessary control tested to dispatch conforming to the following specification.

All outdoor units should be with variable speed single rotary/scroll compressor only for power saving, based on Inverter technology.

VRF/VRV system should be compatible at temperature 50 deg. C or above

Outdoor unit should be rugged of anti-corrosion design and should have strong base plate for easy mounting of unit. All interconnecting piping joints and U bends within the condensing unit shall be painted with two coats of clear transparent polymer coating for protection against corrosion from ambient air pollution.

The outdoor unit shall comprise of sub-cooling feature to effectively use the entire coil through proper circuit/ bridge order to prevent flushing of refrigerant owing to large length of piping.

The condensing unit shall be provided with state of the art microprocessor based control panel.

COMPRESSOR:

The rotary /Scroll compressor shall be industrial quality rugged cast iron direct hermetic compressor with plates, Suction & discharge service valve, the compressor shall be completely enclosed a chamber with no leakage path and providing the capability for scroll plates to separated. The compressor shall be provided industrial solid motor mounts internal motor protection and vibration isolation pads.

The Compressor shall be highly efficient inverter control. The inverter compressor shall change the speed in accordance to the variation in cooling or heating load requirement.

Heat Exchanger

The heat exchanger shall be constructed with copper tubes mechanically bonded to aluminium fins to form a cross fin coil.

The unit should be with heat exchanger and for better of condenser to optimize the path of heat exchanger and better of condenser.

The unit shall be provided with necessary number of direct driven low noise level propeller type arrange for vertical discharge. Each fan shall have a safety guards.

Refrigerant Circuit.

The refrigerant circuit shall include liquid & gas shut-off valve and solenoid valve at condenser end. The equipment must have inbuilt refrigerant stabilization control for proper refrigerant distribution.

All necessary Safety devices shall be provided to ensure the safely operation of the system.

Refrigerant.

The Split AC units shall be selected on R410A refrigerant only. The units should be fully factory charged with refrigerant.

Safety Devices

All necessary safety devices shall be provided to ensure safe operation of the system. Following safety devices shall be integral part of the outdoor unit: High Pressure switch
Fan drive overload protection switch.

Fusible plug

Overload relay including overload protection for inverter driven compressor.

Transit Damage

The unit shall be restored to original condition in case of any transit damage by the contractors at his own cost.

APPENDIX		
ABSTRACT TO GENERAL CONDITIONS OF CONTRACT		
1	Earnest Money Deposit	Rs.1,32,500/- in the form of Demand Draft / Pay order drawn on any nationalized Bank in favour of "NABFINS Ltd." payable at Bengaluru. (OR) Deposited online to SBI Bank A/c No. 32635856 ISFC code: SBIN0003286
2	Date of Commencement	One week from the date of issue of work-order to the contractor
3	Period of Completion	45 days from the date of commencement
4	Defects Liability Period	12 months from the date of virtual completion
5	Agreed Liquidated Damages	0.25% of contract value for each week of delay subject to maximum of 5% of the contract value (without extra items)
6	Period of Final Measurement	30 days
7	Value of work for the issue of Interim Certificate	Minimum Rs. 25 lakh
8	Retention money from each interim bill	5%.
9	Total retention money including earnest money and initial security deposit	2% of the Contract Value
10	Architect's certificate of payment	15 days after submission of interim bills by the Contractor.
11	Period of honouring payment certificate	21 working days from date of Architect's certificate of payment for Interim bills and 45 working days for final certificate.

DECLARATION

I/We have inspected the site of works and have made me / us fully acquainted with the local conditions in and around the sites of works. I/We hereby declare that I/We have gone through the conditions laid down in the Notice Inviting Tender, Conditions of Contract, Technical Specifications and understood the same and on the basis of the same I/We quoted our rates in the Schedule of Quantities attached with the tender documents.

I/We shall also uniformly maintain such progress as may be directed by the Employer / Architect to ensure completion of same within the target date as mentioned in the tender document.

Signature of Tender

Witness:

.....

Address

.....

.....

Date

NOTE: All technical clarification if any should form a part of technical bid. Technical clarifications after opening of the tender will not be entertained at any cost.

ANNEXURE A1

PRE CONTRACT INTEGRITY PACT

(On Non-judicial stamp paper of Rs. 200.00 only)

General

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on day of the month of 2024 Between, NABFINS LIMITED represented by (hereinafter called the “EMPLOYER”, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part, And

M/s represented by, (hereinafter called “CONTRACTOR” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the EMPLOYER proposes to procure office furniture items along with interior works and the CONTRACTOR is willing to offer/ has offered the said items and WHEREAS the CONTRACTOR is a private company/ public company/ Government undertaking/ partnership/ registered export agency, constituted in accordance with the relevant law in the matter and the EMPLOYER is a body corporate established under NABFINS Act, (YEAR) having its Head Office at its Head Office at No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage, Bengaluru – 560 070, Karnataka.

NOW, THEREFORE,

To avoid all forms of corruption by following a system that is fair, transparent and free from any influence/ prejudiced dealings prior to, during and subsequent to the currency of the contract to be entered into with a view to:

Enabling the EMPLOYER to obtain the desired said office furniture items along with interior works at a competitive price in conformity with the defined specifications by avoiding the high cost and the distorted impact of corruption on public procurement and Enabling Contractors to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the EMPLOYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

The parties hereto hereby agree to enter into this Integrity Pact and agree as follows:

Commitments of the EMPLOYER

1.1 The EMPLOYER undertakes that no official of the EMPLOYER, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit of any other advantage from the CONTRACTOR, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process, bid evaluation, contracting or implementation process related to the contract.

1.2 The EMPLOYER will, during the pre-contract stage, treat all CONTRACTORS alike and will provide to all CONTRACTORS the same information and will not provide any such information to any particular CONTRACTOR which could afford an advantage to that particular CONTRACTOR in comparison to other CONTRACTORS.

1.3 All the officials of the EMPLOYER will report to the appropriate Government office any attempted or completed breaches of the above commitments as well as any substantial suspicion of such a breach.

2. In case any such preceding misconduct on the part of such official(s) is reported by the CONTRACTOR to the EMPLOYER with full and verifiable facts and the same is prima facie found to be correct by the EMPLOYER, necessary disciplinary proceedings, or any other action as deemed fit including criminal proceedings may be initiated by the EMPLOYER and such a person shall be debarred from further dealings related to the contract process. In such a case while an enquiry is being conducted by the EMPLOYER the proceedings under the contract would not be stalled.

3. Commitments of CONTRACTOR

The CONTRACTOR commits itself to take all measures to prevent corrupt practices, unfair means and illegal activities during any stage of its bid or during a pre-contract or post-contract stage in order to secure the contract or in furtherance to secure it and in particular commit itself to the following:

3.1 The CONTRACTOR will not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EMPLOYER, connected directly or indirectly with the bidding process, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding, evaluation, contracting and implementation of the contract.

3.2 The CONTRACTOR further undertakes that it has not given, offered or promised to give, directly or indirectly any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the EMPLOYER or otherwise in procuring the Contract or forbearing to do or having done any act in relation to the obtaining or execution of the contract or any other contract with the Bank for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Bank.

3.3 CONTRACTORS shall disclose the name and address of agents and representatives and Indian CONTRACTORS shall disclose their foreign principles or associates.

3.4 CONTRACTORS shall disclose the payments to be made by them to agents / Brokers or any other intermediary, in connection with this bid/ contract.

3.5 The CONTRACTOR further confirms and declares to the EMPLOYER that the CONTRACTOR is the original manufacturer/ integrator/ authorized government sponsored export entity of the defence stores and has not engaged any individual or firm or company whether Indian or foreign to intercede, facilitate or in any way to recommend to the EMPLOYER or any of its functionaries, whether officially or unofficially to the award of the contract to the CONTRACTOR, nor has any amount been paid, promised or intended to be paid to any such individual, firm or company in respect of any such intercession, facilitation or recommendation.

3.6 The CONTRACTOR, either while presenting the bid or during pre-contract negotiations or

before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the EMPLOYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

3.7 The CONTRACTOR will not collude with other parties interested in the contract to impair the transparency, fairness and progress of the bidding process, bid evaluation, contracting and implementation of the contract.

3.8 The CONTRACTOR will not accept any advantage in exchange for any corrupt practice, unfair means and illegal activities.

3.9 The CONTRACTOR shall not use improperly for purposes of competition or personal gain or pass on to others, any information provided by the EMPLOYER as part of the business relationship regarding plans, technical proposals and business details, including information contained in any electronic data carrier. The CONTRACTOR also undertakes to exercise due and adequate care lest any such information is divulged.

3.10 The CONTRACTOR commits to refrain from giving any complaint directly or through any other manner without supporting it with full and verifiable facts.

3.11 The CONTRACTOR shall not instigate or cause to instigate any third person to commit any of the actions mentioned above.

3.12 If the CONTRACTOR or any employee of the CONTRACTOR or any person acting on behalf of the CONTRACTOR either directly or indirectly is a relative of any of the officers of the EMPLOYER, or alternatively if any relative of an officer of the EMPLOYER has financial interest/ stake in the CONTRACTOR's firm, the same shall be disclosed by the CONTRACTOR at the time of filling of tender.

The term 'relative' for this purpose would be as defined in Section 6 of the Companies Act 1986.

13 The CONTRACTOR shall not lend to or borrow any money from or enter into any monetary dealings or transactions, directly or indirectly, with any employee of the EMPLOYER.

4. Previous Transgression

4.1 The CONTRACTOR declares that no previous transgression occurred in the last three years immediately before signing of this Integrity Pact, with any other company in any country in respect of any corrupt practices envisaged hereunder or with any Public Sector Enterprises in India or any Government Department in India that could justify CONTRACTOR's exclusion from the tender process.

4.2 The CONTRACTOR agrees that if it makes incorrect statement on this subject, CONTRACTOR can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

5. Earnest Money (Security Deposit)

5.1 While submitting commercial bid, the CONTRACTOR shall deposit an amount **1,00,000/- (Rupees One Lakh only)** as Earnest Money/ Security Deposit, with the EMPLOYER as specified in the Notice Inviting Tender (NIT).

5.2 The Earnest Money/ Security Deposit shall be valid up to the complete conclusion of the contractual obligations to the complete satisfaction of both the CONTRACTOR and the

EMPLOYER, including warranty period, whichever is later.

5.3 In case of the successful CONTRACTOR a clause would also be incorporated in the Article pertaining to Performance Bond in the Purchase Contract that the provisions of Sanctions for Violation shall be applicable for forfeiture of Performance Bond in case of a decision by the EMPLOYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

5.4 No interest shall be payable by the EMPLOYER to the CONTRACTOR on Earnest Money/ Security Deposit for the period of its currency.

6. Sanctions for Violations

6.1 Any breach of the aforesaid provisions by the CONTRACTOR or any one employed by it or acting on its behalf (whether with or without the knowledge of the CONTRACTOR) shall entitle the EMPLOYER to take all or any one of the following actions, wherever required:

i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the CONTRACTOR. However, the proceedings with the other CONTRACTOR(s) would continue.

ii. The Earnest Money Deposit (in pre-contract stage) and/ or Security Deposit/ Performance Bond (after the contract is signed) shall stand forfeited either fully or partially as decided by the EMPLOYER and the EMPLOYER shall not be required to assign any reason therefore.

iii. To immediately cancel the contract, if already signed, without giving any compensation to the CONTRACTOR.

iv. To recover all sums already paid by the EMPLOYER, and in case of an Indian CONTRACTOR with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a CONTRACTOR from a country other than India with interest thereon at 2%, higher than the LIBOR. If any outstanding payment is due to the CONTRACTOR from the EMPLOYER in connection with another contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.

v. To encash the advance bank guarantee and performance bond/ warranty bond, if furnished by the CONTRACTOR, in order to recover the payments, already made by the EMPLOYER, along with interest.

vi. To cancel all or any other contracts with CONTRACTOR. The CONTRACTOR shall be liable to pay compensation for any loss or damage to the EMPLOYER resulting from such cancellation/ rescission and the EMPLOYER shall be entitled to deduct the amount so payable from the money(s) due to the CONTRACTOR.

vii. To debar the CONTRACTOR from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the EMPLOYER.

viii. To recover all sums paid in violation of this Pact by CONTRACTOR(s) to any middleman or agent or broker with a view to securing the contract.

ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the EMPLOYER with the CONTRACTOR, the same shall not be opened.

x. Forfeiture of Performance Bond in case of a decision by the EMPLOYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

6.2 The EMPLOYER will be entitled to take all or any of the actions mentioned at paragraphs 6.1 (i) to (x) of this Pact also on the Commission by the CONTRACTOR or any one employed by it or acting on its behalf (whether with or without the knowledge of the CONTRACTOR), of an offence as defined in Chapter IX of the Indian Penal code, 1860 or Prevention of Corruption Act, 1988 or any other statute enacted for prevention of corruption.

6.3 The decision of the EMPLOYER to the effect that a breach of the provisions of the Pact has been committed by the CONTRACTOR shall be final and conclusive on the CONTRACTOR. However, the CONTRACTOR can approach the Independent Monitor(s) appointed for the purposes of this Pact.

7. Fall Clause

7.1 The CONTRACTOR undertakes that it has not supplied/ is not supplying similar product/ systems or subsystems at a price lower than that offered in the present bid in respect of any other Ministry/ Department of the Government of India or PSU and it is found at any stage that similar product/ systems or sub systems was supplied by the CONTRACTOR to any other Ministry/ Department of the Government of India or a PSU at a lower price, then that very price, with due allowance for elapsed time, will be applicable to the present case and the difference in the cost would be refunded by the CONTRACTOR to the EMPLOYER, if the contract has already been concluded.

8. Independent Monitors

8.1 The EMPLOYER has appointed **Shri. Ghai** (hereinafter referred to as Monitor) for this Pact in consultation with the Central Vigilance Commission.

8.2 The task of the Monitor shall be to review independently and objectively, whether and to what extent the parties comply with the obligations under this Pact.

8.3 The Monitor shall not be subject to instructions by the representatives of the parties and perform their functions neutrally and independently.

8.4 Both the parties accept that the Monitors have the right to access all the documents relating to the project/ procurement, including minutes of meetings.

8.5 As soon as the Monitor notices or has reason to believe, a violation of this Pact, he will so inform the Authority designated by the EMPLOYER.

8.6 The CONTRACTOR(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the EMPLOYER including that provided by the CONTRACTOR. The CONTRACTOR will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor shall be under contractual obligation to treat the information and documents of the CONTRACTOR/ Subcontractor(s) with confidentiality.

8.7 The EMPLOYER will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the parties. The parties will offer to the Monitor the option to participate in such meetings.

8.8 The Monitor will submit a written report to the designated Authority of EMPLOYER within 8 to 10 days from the date of reference or intimation to him by the EMPLOYER/ CONTRACTOR and should the occasion arise submit proposals for correcting problematic situations.

9. Facilitation of Investigation

In case of any allegation of violation of any provisions of this Pact or payment of commission, the EMPLOYER or its agencies shall be entitled to examine all the documents including the Books of Accounts of the CONTRACTOR and the CONTRACTOR shall provide necessary information and documents in English and shall extend all possible help for the purpose of such examination.

10. Law and Place of Jurisdiction

This Pact is subject to Indian Law. The place of performance and jurisdiction is the seat of the EMPLOYER.

11. Other Legal Actions

The actions stipulated in this Integrity Pact are without prejudice to any other legal action that may follow in accordance with the provisions of the extant law in force relating to any civil or criminal proceedings.

12. Validity

12.1 The validity of this Integrity Pact shall be from date of its signing and extend up to 5 years or the complete execution of the contract to the satisfaction of both the EMPLOYER and the CONTRACTOR/ Seller, including warranty period, whichever is later in case CONTRACTOR is unsuccessful, this Integrity Pact shall expire after six months from the date of the signing of the contract.

12.2 Should one or several provisions of this Pact turn out to be invalid, the remainder of this Pact shall remain valid. In this case, the parties will strive to come to an agreement to their original intentions.

13. The parties hereby sign this Integrity Pact at on

EMPLOYER

CONTRACTOR

.....

.....

Witness:

1.

1.

2.

2.

ANNEXURE A2

LETTER OF INDEMNITY AND UNDERTAKING

(On Non-judicial stamp paper)

General Manager,
NABFINS Limited
(Subsidiary of National Bank for Agriculture and Rural Development)
No. 3072, 14th Cross, K. R. Road, Banashankari 2nd Stage,
Bengaluru – 560 070, Karnataka, India

Dear Sir,

Sub: NABFINS Notice Inviting tender for "Interior Works (including electrical, HVAC and security system) for additional premises of NABFINS HO." at 1st floor, No. 3073, 14th cross, BSK 2nd stage, Bengaluru 560070.

In consideration of NABARD Financial Services Limited, a subsidiary of the National Bank for Agriculture and Rural Development (hereinafter referred to as 'NABFINS') agreed to purchase Office Furniture items along with other Interior works as per the Schedule hereunder written and which are hereinafter for brevity sake referred to as 'Furniture items', subject to our furnishing declarations submit indemnity as contained hereafter.

NOW THEREFORE THIS LETTER OR INDEMNITY WITNESSETH THAT:

1. We, the hereby declare and certify that we are the rightful owners/ licensees of the said Furniture items offered for sale / Supply and installation to NABFINS and that the sale of the said Furniture items to NABFINS by us and the use thereof by NABFINS does not infringe the property or other intellectual property or copy rights of any other person and that the same does not infringe the Copy Rights Act. 1957 or any other Act for the time being in force.
2. We, the said hereby agree to indemnify and keep indemnified and harmless NABFINS, its Officers, Servants, Agents and other authorized persons any action that may be brought against us for infringement of the right of property or other intellectual property or copy rights in respect of the right of property or other intellectual property or copy rights in respect of said systems supplied by us to NABFINS and will defend the same at our cost and consequences and will pay or reimburse NABFINS, its officers, Servants, Agents and other authorized persons from all costs and other expenses that they may be put to or incur in that connection in accordance with the terms as provided for within the end User License Agreement that accompanies the said Furniture items.
3. We, the said hereby also agree to indemnify and keep indemnified and harmless NABFINS, its Officers, Servants, Agents and other authorized persons against any third party claims in respect of any damages or compensation payable in consequences of any accident or injury sustained or suffered by our employees or agents, or by any other third party resulting from or by any action, omission, or operation conducted by or on behalf of us and against any and all claims by employees, workmen, contractors, sub- contractors, suppliers, agent(s), employed/engaged or otherwise working for us. In respect of any and all claims under the Labour Laws including wages, salaries, remuneration, compensation or like.
4. In Pursuance of the above we, M/s. do hereby agree to indemnify and keep indemnified NABFINS, from any loss, damages, costs, charges, fine and expenses which may be incurred or sustained by NABFINS on account of imposition or

increase in rates by the Government, Central or State, of any kind of taxes, duties, cess, Sales tax on works contract, excise duty, Octroi, service taxes etc. on the materials or otherwise during the discharge by us.

5. We, M/s. further agree and undertake to bear and pay the said taxes, duties, Octroi etc. as and when imposed by the Government, Central or State.

6. We shall not revoke it without the written consent of NABFINS.

In witness whereof the has put his hands and seal the month and year first herein above mentioned.

Schedule

i.

ii.

Yours faithfully

Name and Designation of Authorized Official

Signed and delivered by

The within named.....

In the presence of.....

Witness

i.

ii.

Approved Makes/Brands		
Sr. no.	Item	Approved Make
1	Officers Work Table	Godrej / Featherlite / Talin / Neo Alchemy / Haworth / Space management
2	Linear Work Station	-do-
3	MODULAR PARTITION	-do-
4	STORAGES	-do-
5	MOBILE PEDESTAL	-do-
6	CHAIRS AND SOFA	Featherlite / Approved Equivalent
7	WALL PANELLING	KCS Armstrong
8	GLASS PARTITIONS AND GLASS DOORS	Dorma / Kubik / Bottom line
9	PLY AND VENEER	Euro / Greenply
10	FIBRE GLASS WOOL	UP Twiga / Approved Equivalent
11	MINERAL FIBRE GRID CEILING	Armstrong / Approved Equivalent
12	GYPSUM BOARD CEILING	-do-
13	PLASTIC EMULSION PAINT	Asian / Burger /
14	VERTICAL BLINDS	Donaire / Window fashions /
15	CARPET FLOOR TILES	
16	LED Light fixtures (indoor)	Crompton/Lighting Technologies/
17	Switch Fuse Units and Isolators	ABB /Schneider
18	Change Over Switches	ABB / HPL / L&T / C&S
19	Metal Clad Socket with Sheet Steel	Schneider / Legrand
20	PVC Insulated HFFR copper Wires	RR Kabel / Polycab/ KEI
21	MCB Distribution Boards, MCB	Schneider/Legrand
22	LT Cables, Control Cables	KEI / Polycab/ KEI
23	FRLS PVC Conduits/PVC conduits with ISI Mark	VIP (National pipe products) / Macoplast/ Universal
24	ELCB/RCBO/RCCB	Schneider / Legrand / L&T
25	Modular type Switches, Sockets Outlets, Fan regulators, Calling Bell, Buzzer, Front Plate, Mounting Plates, telephone & TV sockets	Schneider/Legrand
26	Fan regulators, Calling Bell, Buzzer, telephone & TV sockets	Schneider/Legrand
27	SMC Boxes	Sintex / Devi Polymer / Hansel / EPP
28	LT Cable/wire end Termination	Dowels / Johnson / HMI / Comet
29	Selector switch	Kaycee / L&T / Salzer / Selectron

TENDER DRAWINGS		
Sr. no.		Sheet No.
1	FLOOR PLANS	01
2	FALSE CEILING LAYOUT	02
3	LIGHTING PLAN	03
4	HVAC PLAN	04
5	POWER PLAN	05
6	FA & PA PLAN	06
10	CORDINATION PLAN	07
11	SLD DB SCHEMATIC	08