

NOTICE INVITING TENDER

Ref. No. Registrar-BVB/CP/Tend/2025

Dated: 10th JUNE 2025

To

Prequalified Bidders

SUBJECT: PERCENTAGE UP AND DOWN TENDER FOR CIVIL WORKS FOR INSTALLATION OF LIFTS AT BHARATIYA VIDYA BHAWAN, NEW DELHI

Dear Sir,

The **Registrar, Bharatiya Vidya Bhawan - Delhi Kendra, New Delhi** invites Tender for Civil and Electrical works for installation of lifts at Bharatiya Vidya Bhawan, New Delhi

The details of the Tender are given as below:

1. Sealed percentage rate tenders (CPWD-7) are invited on behalf of **Registrar, Bharatiya Vidya Bhawan- Delhi Kendra, New Delhi** for the subject work and only Prequalified bidders are eligible to bid. The contractors shall fill up the BOQ Form stating the percentage below/above (In figures as well as in words). The total estimate is given in the schedule of quantities enclosed and the contractor should be willing to execute the work. The tender submitted shall be invalid if:
 - A. The bidder does not quote percentage above/below on total amount of Tender.
 - B. The percentage above /below is not quoted in figures and words on both the total amount of tender.
 - C. The percentage quote above/below is different in figures and words on total amount of tender.
2. A copy of tender documents will be forwarded from the office of the Registrar-BVB on 10th June 2025 through official email of the Prequalified Contractors. The Tender drawings have been annexed along with the tender document.
3. **The Prebid Meeting will be held in the Conference Room-First Floor, BVB on 13th June 2025 at 11 am. The bidders are requested to join the meeting to seek any clarification.**
4. Name of work : **Civil and Electrical works for Installation of Lifts**
BHARATIYA VIDYA BHAWAN, NEW DELHI
Estimated Cost of the Projects : 20.31 Lacs Approx (Inclusive of GST)
Time Schedule : 90 Days
Earnest money Deposit : 2% of the Estimated Cost
Tenders to be submitted to : Registrar, **BVB, NEW DELHI**
Last date for submission of the tender : 17th June, 2025 by 11.00 am

CIVIL AND ELECTRICAL WORKS FOR INSTALLATION OF LIFTS AT BHARATIYA VIDYA BHAVAN, NEW DELHI

- Tender Fee : Rs 5,000/= paid through Draft
(to be refunded to unsuccessful bidders)
- Issue of Tender : Online from the Website of Bharatiya Vidya Bhavan,
on behalf of **Registrar, BVB, New Delhi**
- Opening of Tender : 17th June 2025 at 11.30 am.
- 5.0 Mode of submission of Tender : Tender shall be submitted in sealed envelope
containing Tender Document (Hard copy with all
Annexures) and EMD

The Tender shall be submitted in sealed envelopes containing all the tender documents.

Tenderers are requested to quote strictly as per the terms and conditions, specifications, and standards given in the tender document and not to stipulate any deviations. However, deviations, if unavoidable, should be indicated in a separate proforma given in the tender document, indicating the specific page number and clause number against which the deviations are taken.

The Earnest Money Deposit mentioned above should be submitted in the form of Demand Draft or Bank Guarantee to be issued by a Nationalized Bank in the proforma given in the tender document in favor of "**Bharatiya Vidya Bhawan,**" payable at **New Delhi.**

6.0 The Owner/Committee reserves the right to accept/reject any or all tenders without assigning any reasons.

Kindly acknowledge the receipt of this letter with all enclosures and confirm that you will submit your offer by the due date.

Thank you,

Yours faithfully,
For Bharatiya Vidya Bhawan,

Registrar
For and on behalf of BVB
Encl: As stated above.

**CIVIL & ELECTRICAL WORKS FOR INSTALLATION OF LIFTS
BHARATIYA VIDYA BHAWAN
NEW DELHI**

**GENERAL AND SPECIAL
CONDITIONS OF CONTRACT**

ARCHITECTS & CAMPUS PLANNERS

**NEEV ARCHITECTS, INTERIOR AND URBAN DESIGN CONSULTANTS PVT.LTD.
REGD.OFFICE: D – 202, VIDISHA APARTMENTS,79, IP EXTENSION, DELHI 110092 TEL: 011-42750496**

**STUDIO: 1F-CS-10,ANSAL PLAZA,SECCTOR 1, VAISHALI-201010 DISTT.GHAZIABAD TEL:0120-4125350
Email: neev.aiudcpl@gmail.com www.nauda.co**

GENERAL INSTRUCTIONS TO TENDERERS

SUBMISSION OF TENDER

Tenders must be submitted in original and as per details given in other clauses/Formats enclosed and Appendices given hereunder. Reservations, if any, regarding the tender conditions should be clearly brought out in a separate letter accompanying the tender.

Addenda to this tender document, if issued, must be signed and submitted along with the tender document.

DOCUMENTS

The tenders, as submitted, will consist of the following:

- i. Complete set of tender documents as issued duly filled in and signed by the tenderer as prescribed in different clauses of the Tender Document and Formats provided.
- ii. Power of Attorney by the authorized representative who has signed the tender.
- iii. Information regarding tenderer in the Performa/Formats enclosed.

All Pages to be Initialed

All signatures in tender documents shall be dated as well. All pages of tender documents shall be initialed at the lower right-hand corner or signed wherever required in the tender papers by the tenderer or by a person holding power of attorney authorizing him to sign on behalf of the tenderer before submission of tender.

Rates to be in Figures and Words

The tenderer should quote in English both in figures as well as in words as specified in the Tender as percentage over declared rates. The tendered amount for the work shall be entered in the tender and duly signed and stamped with seal by the tenderer.

Signing of Tender

The tender shall contain the name, residence and place of business of the person or persons making the tender and shall be signed by the tenderer with his usual signature. Partnership firms shall furnish the full names of all partners in the tender. It should be signed in the partnership name by all the partners or by duly authorized representative followed by the name and designation of the person signing. Tender by Corporation shall be signed by an authorized representative, and in Power of Attorney in that behalf shall accompany the tender. A copy of the constitution of the firm with the names of all partners shall be furnished.

Where a tenderer signs a tender in a language other than English, the total amount tendered should, in addition, be written in the same language. The signature should be attested by at least one witness.

Witness

Witnesses and sureties shall be persons of status and property, and their names, occupation and address shall be stated below their signatures.

Details of Experience

The tenderer should enclose documentary proof to show that he has previous experience in having successfully completed in the recent past works of this nature together with the names of Owners, location of sites and values of contract. Refer Formats enclosed

Transfer of Tender Documents

Transfer of tender documents purchased by one intending tenderer to another is not permitted.

VALIDITY

Tenders submitted by tenderers shall remain valid for acceptance for a period of Three months from the date of opening of the tender. The tenderers shall not be entitled during the said period of three months, without the consent in writing of Registrar - BVB to revoke or cancel his tender or to vary the tender given or any terms thereof.

ADDENDA

Addenda to the tender document may be issued prior to the date of opening of the tenders to clarify documents or to reflect modifications in the design or contract terms.

Each addendum issued by the Registrar - BVB will be published on the website of BVB - DELHI KENDRA and is required to be downloaded by the bidder. Each bidder will retain one copy of each addendum for submission along with his tender and return one signed copy to the Architect / Registrar - BVB as acknowledgement of receipt of the addendum. All addenda issued by the Registrar- BVB shall become part of Tender Documents.

SECTION WISE DESIGNATION

The Tender Document consists of Seven Sections given for each building consisting of BOQ for Civil / Electrical Works supported by relevant Tender Drawings given in Appendix IV.

RIGHT TO ACCEPT OR REJECT TENDER

The right of acceptance of tender will rest with BVB – Delhi Kendra. Registrar - BVB does not bind itself to accept the lowest tender, and reserves to itself the authority to reject any or all the tenders received without assigning any reason whatsoever. The whole work may be split up between two or more contractors or accepted in part and not entirely, if considered expedient.

Tenders in which any of the particulars and prescribed information are missing or are incomplete in any respect and/or the prescribed conditions are not fulfilled are liable to be rejected.

Canvassing in connection with tenders is strictly prohibited and tenders submitted by the Tenderers who resort to canvassing will be liable to rejection. Tender containing uncalled for remarks or any additional conditions are liable to be rejected.

BVB-DELHI KENDRA reserves the right to enhance or reduce the scope of work for which no compensation will be admissible and paid.

SECURITY DEPOSIT

The person/persons whose tender may be accepted (hereafter called the contractor) shall within 10 (ten) days of the receipt by him of the notification of the acceptance of the tender or Letter of Intent shall remit the security deposit to Bharatiya Vidya Bhawan-Delhi Kendra.

A sum of 5% of each RA Bill shall be deducted towards security deposit with Registrar - BVB and retained for a period of 12 months under Defect Liability Period after the date of handing over of respective projects. Any defect identified during the said period will be removed by the Contractor at his own cost to the satisfaction of the Registrar - BVB-DELHI KENDRA. The Security retained by BVB-DELHI KENDRA will be released with any interest on the retained amount on completion of the Defect Liability Period and the contractor shall make a request in writing along with NOC obtained from the Engineer-in-charge.

The earnest money deposited with the tender shall be adjusted towards security deposit, provided it is furnished by demand draft only.

All compensation or other sums of money payable by the contractor to Registrar - BVB under terms of this contract may be deducted from or paid by the said of a sufficient part of his security deposit or from any sums which may be due or may be come due to the Contractor by Registrar - BVB on any account whatsoever and in the event of his security deposit being reduced by reasons of any such deductions or sale of aforesaid, the contractor shall within ten days thereafter make good through bank draft as aforesaid any sum or sums which may have been deducted from or realized by sale of his security deposit, or any part thereof. No interest shall be payable for the sum deposited as security deposit.

TIME SCHEDULE

The important deadlines are given as under along with dates of Final handing over.

Submission of Tender	: 17 th June 2025 -11.00 am
Opening of Tender- Technical Bid	: 17 th June – 11.30 am
Scrutiny of Technical Bids & Queries	: Till 20 th June 2025
Award of Work	: 23 rd June 2025
Mobilization Period	: 23 rd June to 30 th June 2025
Commencement of Work	: 1 st July 2025

Schedule for Handing Over:

(This shall be signed and submitted along with the tender on the Letter Head of the firm.)

Name of Building: BHARATIYA VIDYA BHAVAN - DELHI KENDRA, NEW DELHI

COLLECTION OF DATA-TENDERER'S RESPONSIBILITY

The tenderer shall visit the site and acquaint himself fully of the site and no claims whatsoever will be entertained on the plea of ignorance of difficulties involved in execution of work or carriage of materials.

SIGNING OF CONTRACT

A successful tenderer shall be required to execute an agreement in the Performa attached with this Tender document within 10 days from the date of receipt of the notice of acceptance of Tender or Letter of Intent. In the event of failure in the past of successful tenderer to sign the agreement within the above stipulated period the Earnest money or his initial security deposit shall be forfeited and the acceptance to the tender shall be considered as cancelled.

SPECIFIC GENERAL AND SPECIAL CONDITIONS OF CONTRACT

Special Conditions

1. To achieve timelines for completion of the project the contractor selected will have to deploy two separate teams for each floor.
2. Works may be carried out in shifts.
3. All pipelines/ conduits for related services should be laid before the installation of HVAC Ducts.(if required)
4. The impact and resultant rectification and including making good the ceiling or any other component on the existing floors following suspension of services in the lower floor will become an integral part of the contract. The items shall be measured, and payment will be made based on rates accepted in the Tender.

General Conditions

1. The CPWD General Conditions of Contract shall be followed where these are not covered by the Conditions /Clauses covered in this document.
2. CPWD Specifications/NBC Specifications and provisions of NBC 2016 or any modification thereof shall be followed for all trades covered under the contract.
3. Specifications other than these mentioned in drawings /details as directed by the Architect/BVB.

**DRAFT PROFORMA OF AGREEMENT
(TO BE SIGNED WITH SUCCESSFUL BIDDER- on Rs 100/- Non-Judicial Stamp Paper)**

CONTRACT AGREEMENT FOR THE WORK – CIVIL and ELECTRICAL WORKS FOR INSTALLATION OF LIFTS AT BHARATIYA VIDYA BHAVAN, NEW DELHI, DATED _____. Between the Registrar on behalf of BHARATIYA VIDYA BHAVAN (hereinafter called the OWNER) in the _____, hereinafter called the "CONTRACTOR" (which term shall unless excluded by or repugnant to the subject or context include its successors and permitted assignees) of the one part of hereinafter called Registrar - BVB (which term shall, unless excluded or repugnant to the subject or context including its successors and assignees) of the other part.

WHEREAS:

A. Registrar - BVB-DELHI KENDRA being desirous of having provided and executed certain works mentioned, enumerated or referred to in the Bid/tender documents including Notice Inviting Tender, Conditions of Contract, Specifications, Drawings, Plans, Time Schedule of Completion of Jobs, Agreed Variations, Indemnity Bonds, Affidavits, Insurances and all other documents etc. has called for the Bid/Tender and all documents thus submitted become integral part to this agreement and shall be read in conjunction with the Agreement.

B. The Contractor has inspected the site and surroundings of the works specified in the tender documents and has satisfied himself by careful examination before submitting his tender as to the nature of the surface strata, soil, sub-soil and ground, the form and nature of site and local conditions, the quantities, nature and magnitude of the work, the availability of labor and materials necessary for the execution of work, the means of access to site, the supply of power and water thereto and the accommodation he may require and has made local and independent enquiries and obtained complete information as to the matters and things referred to, or implied in the tender documents or having any connection therewith and has considered the nature and extent of all probable and possible situations, delays, hindrances or interferences to or with the execution and completion of the work to be carried out under the contract, and has examined and considered all other matters, conditions and things and probable and possible contingencies, and generally all matters incidental thereto and ancillary thereof affecting the execution and completion of the work and which might have influenced him in making his tender.

C. The notice inviting tender, Conditions of Contract, Specifications, Drawings, Plans, Time Schedule of Completion of Jobs, Agreed Variations, and all other documents submitted as part of the Bid, etc. copies of which are hereto annexed, the Tender and acceptance of Tender, copies of which are also herein included in the expression "CONTRACT" wherever herein used:

AND WHEREAS:

Registrar - BVB accepted the Tender of the Contractor for the provision and the execution of the said work at the rates stated in the schedule of Quantities of works and finally approved by Registrar - BVB (hereinafter called the "Schedule of Rates") upon the terms and subject to the conditions of contract:

Now this Agreement witnessed, and it is hereby agreed and declared as follows:

1. In consideration of the payment to be made to the Contractor for the work to be executed by him, the contractor hereby covenants with Registrar - BVB-DELHI KENDRA that the Contractor shall and will duly provide, execute and complete the said works referred to in the above documents mentioned and constituting the contract and shall do and perform all other acts and things in the Contract mentioned or described or which are to be implied therefrom or may be reasonably necessary for the completion of the said works and at the times and in the manner and subject to the terms and conditions or stipulations mentioned in the Contract.

2. In consideration of the due provision, execution and completion of the said works, Registrar - BVB does hereby agree with the Contractor that Registrar - BVB will pay to the Contractor the respective amounts for the work actually done by him and approved by Architects/Engineer -in-Charge at the Schedule of Rates and such other sum payable to the Contractor under provision of the Contract; such payment to be made at such time and in such manner as provided for in the Contract.

3. In consideration of the due provision, execution and completion of the said work, the contractor shall be provided by Registrar - BVB such as power supply, water supply etc as specified in the bid document and all tools, plants, and machinery shall be arranged by the contractor for the execution of the above job. It is specifically and distinctly understood and agreed between REGISTRAR - BVB-DELHI KENDRA, and the contractor that the Contractor shall have no right, title or interest in the site made available by Registrar- BVB for execution of the works or in the building structures or works executed on the said site by the contractor.

The Contractor shall be allowed to enter upon the site for execution of the works only as a licensee simpliciter and shall not have any claim, right, title or interest in the site or the structure erected thereon and Registrar - BVB shall be entitled to terminate such license at any time without assigning any reason.

The materials including sand, gravel, stone, loose, earth, rock, etc. dug up or excavated from the said site shall, unless otherwise expressly agreed under this contract, exclusively belong to the Registrar - BVB and the contractor shall have no right to claim over the said and such excavations and materials should be disposed of on account of Registrar - BVB according to the instructions in writing issued from time to time by the Architects/Engineer-in-charge.

IN WITNESS, whereof the parties have executed these presents in triplicate the day and the year first written above.

Signed and Delivered
For and on behalf of
Registrar, BVB-DELHI KENDRA

SIGNED AND DELIVERED
FOR AND ON BEHALF OF 'CONTRACTOR'

DATE _____
PLACE _____

DATE _____
PLACE _____

In the presence of Two Witnesses

1. _____
2. _____

1. _____
2. _____

*in the case of partnership to be signed by all partners or by one partner holding a General Power of Attorney

Appendix 1

(Application On Bidders's letter head)

(Date and Reference)

To,
The Registrar
BVB-DELHI KENDRA, K G Marg ,New Delhi- 110001

Sub: Application for Tender – Civil and Electrical works for Installation of Lifts at Bharatiya Vidya Bhavan, New Delhi

Dear Sir,

With reference to your NIT Under Ref: Registrar - BVB-DELHI KENDRA/CP/Tend/2025 dated 10th June 2025, I/We, having examined all relevant documents and understood their contents, hereby submit our request for Bidding in above mentioned Tender. The request is unconditional and unqualified.

1. All information provided in this request and in the attached formats are true and correct and all documents accompanying such request are true copies of their respective originals.
2. This statement is made for the express purpose of participation in the tender for **Civil and Electrical works for Installation of Lifts at Bharatiya Vidya Bhavan, New Delhi** for selection as Contractors for the aforesaid Project.
3. I/We shall make available to BVB-DELHI KENDRA any additional information it may find necessary or require supplementing or authenticate this Request for registration.
4. I/We acknowledge the right of BVB-DELHI KENDRA to reject our application without assigning any reason or otherwise and hereby waive our right to challenge the same on any account whatsoever.
5. I/We certify that in the last three years, we have neither failed to perform on any contract, as evidenced by imposition of a penalty by an arbitral or a judicial pronouncement or arbitration award, nor been expelled from any project or contract nor have had any contract terminated for breach on our part.
6. I/We declare that:
 1. I/We have examined and have no reservations to the Tender Documents, all its annexure, including any Addendum if issued by BVB-DELHI KENDRA.
 2. I/We do not have any conflict of interest in accordance with the terms of the Tender Document.
 3. I/We have not directly or indirectly or through an agent engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice, in respect of any tender or request for proposal issued by or any agreement entered into with BVB-DELHI KENDRA or any other public sector enterprise or any government, Central or State, Private sector entities and
 4. I/We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any corrupt practice, fraudulent practice, coercive practice, undesirable practice, or restrictive practice.
 5. I/We declare that We/any member of the firm/company, are/is not a member of a/any other firm/company applying for the Tender.

6. I/We certify that regarding matters other than security and integrity of the country, we or any of our subcontractors have not been convicted by a Court of Law or indicted or adverse orders passed by a regulatory authority which would cast a doubt on our ability to undertake the Construction Activity for the Project or which relates to a grave offence that outrages the moral sense of the community.
7. I/We further certify that regarding matters relating to security and integrity of the country, we have not been charge-sheeted by any agency of the Government or convicted by a Court of Law for any offence committed by us or by any of our associates/subcontractors.
8. I/We further certify that no investigation by a regulatory authority is pending either against us or against our Associates/subcontractors or against our CEO or any of our Directors/Managers/employees.
9. I/We hereby irrevocably waive any right or remedy which we may have at any stage at law or howsoever otherwise arising to challenge or question any decision taken by BVB-DELHI KENDRA in connection with the selection of Contractor or in connection with the Selection Process itself in respect of the above-mentioned Project.
10. I/We agree and understand that this request is subject to the provisions of the Bid/Tender document and annexures. In no case, I/We shall have any claim or right of whatsoever nature if the work for the Project is not awarded to me/us.
11. I/We agree to keep this offer valid for 90 (Ninety) days from the Date of submission of Bid/Tender.
12. A Power of attorney in favour of the authorised signatory to sign and submit this Bid and documents is also attached herewith in Appendix VI.
13. In the event of my/our being selected as the Contractors, I/We agree to enter into an Agreement in accordance with the TOR attached with BVB-DELHI KENDRA and draft agreement to be issued by BVB-DELHI KENDRA. We agree not to seek any changes in the aforesaid form and agree to abide by the same.
14. I/We have studied the Bid/Tender and all other documents carefully and surveyed the Project Site. We understand that except to the extent as expressly set forth in the Agreement, we shall have no claim, right or title arising out of any documents or information provided to us by BVB - DELHI KENDRA or in respect of any matter arising out of or concerning or relating to the Selection Process including the award of work.
15. The Financial Proposal shall be submitted in a separate cover in accordance with the terms in Bid/Tender Document. This Request for registration read with the Part-I-Technical Bid & Part-II-Price Bid submissions (in separate covers) shall constitute the Application which shall be binding on us.
16. I/We agree and undertake to abide by all the terms and conditions of the BVB-DELHI KENDRA Bid/Tender Document. In witness thereof, I/we submit this Request under and in accordance with the terms of the BVB-DELHI KENDRA Bid/Tender Document.

Yours faithfully,

(Signature of the Authorized Signatory)
(Name and designation of the Authorized Signatory)
(Name and seal of the Firm)

Appendix II

NAME OF WORK :

NAME OF TENDERER :

PROPOSED SITE ORGANISATION

The tenderer is to indicate here the proposed site organization be proposes to set up for execution of the work. It is understood that this will be augmented from time to time depending on the requirements for timely completion of work, as per Bid Document. (Refer Format enclosed)

Bio-data of Site-in-Charge & Key Personnel

SIGNATURE OF TENDERER

Appendix III

INFORMATION ABOUT THE TENDERER

- A. In case of individual
- i. Name of Business; His age and father's name
 - ii. Whether his business is registered
 - iii. Date of commencement of business
 - iv. Whether he pays Income Tax over Rs.10,000/- per year.
- B. In case of Partnership
- i. Name of Partners
 - ii. Whether the partnership is registered
 - iii. Date of establishment of firm
 - iv. If each of the partners of the firm pay income tax over Rs.10,000/- a year and if not which of them pays the same.
 - v. Copies of partnership deed, if any.
- C. In the case of Company Limited by Shares or Company Limited by Guarantees.
- i. Amount of paid-up capital
 - ii. Name of Directors
 - iii. Date of Registration of Company
 - iv. Copies of the last three (3) years' balance sheet of the Company.
 - v. Certified copies of Memorandum and Articles of Association of Company.

DATE:

SIGNATURE OF TENDERER

Appendix IV

NAME OF WORK :

NAME OF TENDERER :

EXCEPTIONS AND DEVIATIONS

As pointed out in the Notice Inviting Tender, Tenderer may stipulate here exceptions and deviations to the tender conditions, if considered unavoidable.

Sl. No.	Page No. of Tender document	Cl. No. of Tender document	Subject	Deviation
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Appendix V
Performa for Indemnity Bond (On Rs 100/- Non-Judicial Stamp Paper)

INDEMNITY BOND

This Indemnity Bond is executed _____ through its authorized representative _____ (here-in-after called the Contractor) in favor of BVB-DELHI KENDRA (here-in-after called the Promoter).

Whereas, the owner has agreed to execute the Capital Projects promoted by BVB-DELHI KENDRA, New Delhi under the provisions of the prevailing Laws of the land, Acts, Rules and Regulations and modifications thereof, and the National Building Code 2016 (Vol.1 &2), other standards-Indian or International as applicable/codes of practices and Unified Building Bye-laws 2016 made there under :--

And whereas the BVB-DELHI KENDRA has agreed to award construction work subject to the conditions that the Contractor shall indemnify BVB-DELHI KENDRA in the event of any loss damage being caused to the adjoining buildings on account of the construction of various components of the said Capital Projects for even thereafter and also against any claim of any concern thereto.

And whereas, the Contractor has agreed to execute an indemnity bond to the above effect and also to abide by the terms imposed by BVB-DELHI KENDRA as part of the Bid Document and conditions accepted by the contractor.

Now this Deed Witnesseth :

That in consideration of the award of the construction of the Capital Projects the Contractor undertakes that he shall at all times keep BVB - DELHI KENDRA harmless and free from any liability, loss or damages following from any injury or damage caused to either properties adjoining the projects or to any person as a consequence of the construction or at the time of digging out its foundation or during the course of its construction or at any time thereafter.

1. The owner agrees and undertakes that in event of any claim being made by any person or persons against BVB-DELHI KENDRA either in respect of the construction or manner of construction of the basement and other structural and building components, building services by the Contractor or the consequences flowing from the said statutory norms and building codes the Contractor shall be responsible and liable and not Bharatiya Vidya Bhawan.
2. The Contractor agrees and undertakes to indemnify BVB-DELHI KENDRA fully in respect of any amount which BVB-DELHI KENDRA may be required to pay to any person either by way compensation of damages or on any other account as a result of any claim or suit other proceedings concerning the sanctioning of the construction of the basement of the making thereof and also in respect of the construction and expenses which the BVB-DELHI KENDRA may incur on defending any action.
3. Without prejudice to the above undertaking the owner hereby binds itself to pay to BVB-DELHI KENDRA to the full extent any amount which BVB-DELHI KENDRA may be required to pay to any person in connection with, relating to or concerning the sanctioning of the basement or the making thereof.
4. The owner further agrees and undertakes that this bond shall remain in full force and effect till the Contractor obligations towards the awarded works are completed and they faithfully observe, performs and undertaking herein before contained.

IN WITNESS WHEREOF, the owner above named has signed this bond on this ____ day of June 2025 at New Delhi.

Indemnifier

Witnesses :-

1.(Signature)
Name:
Full Address :

2. (Signature)
Name :
Full Address:

**Appendix VI
Power of Attorney on Rs 100/- Non-Judicial Stamp Paper**

Power of Attorney

Know all men by these presents, we, (name of Firm and address of the registered office) do hereby constitute, nominate, appoint and authorize Mr / Ms..... son/daughter/wife and presently residing at, who is presently employed with us and holding the position of as our true and lawful attorney (hereinafter referred to as the "Authorised Representative") to do in our name and on our behalf, all such acts, deeds and things as are necessary or required in connection with or incidental to submission of our Bid with respect to Capital Projects proposed to be developed by the BHARATIYA VIDYA BHAVAN (" BVB-DELHI KENDRA") including but not limited to signing and submission of all applications, p and other documents and writings, participating in pre-bid and other conferences and providing information/responses to BVB-DELHI KENDRA, representing us in all matters before BVB-DELHI KENDRA, signing and execution of all contracts and undertakings consequent to acceptance of our proposal and generally dealing with BVB-DELHI KENDRA in all matters in connection with or relating to or arising out of our Contractual Obligations for the said Project and/or upon award thereof to us till the entering into of the Agreement with BVB-DELHI KENDRA.

AND, we do hereby agree to ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Authorised Representative pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Authorised Representative in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHEREOF WE, THE ABOVE-NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS DAY OFJune, 2025 (Signature)

For

(Signature, name, designation and address)

Witnesses:

- 1.
- 2.

Notarised

Accepted

.....

(Signature, name, designation and address of the Attorney)

Appendix VII

Statement of Financial Capacity of Contractor

S. No.	Financial Year	Annual Revenue (Rs. - Cr)

Certificate from the Statutory Auditor\$

This is to certify that ***** _____ (name of the Contractor/Firm/Company) has a turnover as shown above against the respective years on account of professional fees.

Name of the audit firm:

Seal of the audit firm

Date:

(Signature, name and designation of the authorized signatory)

\$In case the Participant does not have a statutory auditor, it shall provide the certificate from its chartered accountant that ordinarily audits the annual accounts of the Participant.

Note:

Please do not attach any printed Annual Financial Statement.

Appendix VIII

List of Tender Drawings

1. Name of Building : **Civil and Electrical works for Installation of Lifts at Bharatiya Vidya Bhavan, New Delhi**

DATE :
PLACE :

SIGNATURE OF TENDERER

Submission of Tender

Part-I Technical Bid shall contain original tender document duly filled in as required but without price i.e. Schedule of rates.

All covering letters, documents, site organization, equipment details, present commitments, past experience details, technical details and data sheets etc. to be submitted by the Tenderer along with his offer shall be in Three copies and also submitted in an CD consisting of all the enclosed documents duly indented.

Part-II Price Bid shall contain Schedule of Rates duly filled in. for this purpose tenderer shall make photocopy of the Performa as contained in the Tender document.

It is to be noted that the sealed envelope containing price shall contain only price and no conditions whatsoever. Any conditions given in this part shall not be taken into account.

Tenderers are advised to submit their tender strictly based on the terms in two separate envelopes marked **Part I-Technical Bid & Part-II Price Bid** duly sealed and enclosed in one single Envelope consisting of Tender fee(Non Refundable) as prescribed paid through Demand Draft and EMD as prescribed through demand draft payable to BHARATIYA VIDYA BHAVAN, New Delhi (Refunded to unsuccessful bidders within one month of opening of Price Bid ,however the EMD of the successful bidder will be retained by Bharatiya Vidya Bhawan).

The conditions and specifications contained in the tender document are nonnegotiable and BVB-DELHI KENDRA does not stipulate any deviations. Should it, however, become unavoidable, deviations should be stipulated with reference to Clause No. and Page No. of the tender document. BVB-DELHI KENDRA reserves the right to consider, evaluate offer-containing deviations having financial implications after adding cost for such deviations as determined by Registrar- BVB or reject the bid.

GENERAL & SPECIAL CONDITIONS OF CONTRACT

1. OWNER AND ARCHITECT

The name and address of the Owner and the Architect/ Registrar - responsible for the preparation of the Contract documents are as follows:-

OWNER
BVB - DELHI KENDRA, NEW DELHI

ARCHITECT
M/S Neev Architects, Interior & Urban Designer Consultants Pvt Ltd
Regd Off: D-202, Vidisha Apartments
79, I P Extension, New Delhi-110092. Tel.No.011-42750496
Studio: 1F-CS-10, Ansal Plaza, Sector 1, Vaishali-201010, Distt. Ghaziabad
T/F:0120-4125350

2. SITE

2.1 The site is BVB-DELHI KENDRA, KG Marg, New Delhi-110001

2.2 CONTRACTOR TO SATISFY HIMSELF ABOUT SITE CONDITIONS

Before tendering, the Contractor shall visit and examine the site and satisfy himself as to the site conditions the correct dimensions of the work and facilities for obtaining the special articles called for in the contract documents and shall obtain generally his own information on all matters affecting the continuation and progress of the works. No extra charge made in consequence of any misunderstanding or incorrect information on any of these points or on the grounds of insufficient description will be allowed.

2.3 POSSESSION

The work covered by this contract shall commence fifteen days after the issue of the letter of acceptance of Tender. The Contractor shall there upon commence the works and regularly and diligently proceed with the same and complete the same in stages on or before the contract date for completion.

SCOPE OF WORK

3.1 SCOPE

The general character is enumerated as under and the scope of work is illustrated and defined by the Schedule of Quantities, drawings and Specifications herewith attached.

- a) **Civil and Electrical Works for Installation of Lifts at Bharatiya Vidya Bhawan, New Delhi, as per drawings and details provided by the Architect.**

3.2 EXTENT

The Contractor shall carry out and complete the said work in every respect in accordance with the contract, and with the directions of and to the satisfaction of the Architects/Registrar-BVB-DELHI KENDRA

3.3 ARCHITECTS INSTRUCTIONS

Architects may from time-to-time issue further supplementary drawings and/or written Instructions, details and directions and explanations which are collectively referred to as Architects Instructions. The contractor shall forthwith comply with and duly execute works comprised in such Architects instructions provided that always-verbal instructions, directions

and explanations, given to the contractor, or his works representative by the Architects shall if involving variations, be confirmed in writing.

4.0 CONTRACT DRAWINGS

Drawings forming part of the contract are listed under Appendix-IV. Other drawings and details issued and shop drawings approved during the currency of the contract shall also form part of the contract.

The Contractor shall keep at least one copy each of drawings, conditions of contract, specifications, instructions and schedule of quantities at the site of works available for reference by any authorized representative Registrar- BVB - DELHI KENDRA/ Architects, at all times during the progress of the works. The drawings shall be displayed and arranged as directed by the Architects.

5.0 TYPE OF CONTRACT

The Contract shall be an **Item Rate Contract**. The Contractor shall be paid at the contract rates for the actual quantity of work carried out by him in accordance with the Contract documents as measured.

5.1 SCHEDULE OF QUANTITIES

The quantities given in the Schedule of Quantities are provisional and are meant to indicate the intent of the work and provide a uniform basis for tendering. The Contractor shall be paid for the actual quantity of work executed by him in accordance with Contract Documents at the contract rates.

6.1 WATER & ELECTRICITY FOR CONSTRUCTION

Water for use at the site of work will be provided by the owner. The Contractor shall make his own arrangement for any temporary service piping taps as required for his use (from the tap provided by owner) on the works and remove the same on completion.

The electricity will be provided at one point for the site & the charges will be borne by contractor as per rate & charges prescribed by BSES.

7.1 TIME OF COMPLETION

All time limits stated in the Contract Documents shall be the essence of the Contract. Time is the essence of the Contract. The Contractor obligates himself to complete the work in all respects within the time schedule stipulated in the Special Conditions subject to any adjustment that may be granted by the Owner on the recommendation of the Architect/Registrar - BVB in writing under the conditions of the contract. He shall submit to the Architects/Registrar - BVB detailed verified progress report on first and fifteenth of each month.

Schedule of Handing Over:

(This shall be signed and submitted along with the tender on the Letter Head of the firm.)

Name of Building: Bharatiya Vidya Bhawan – Delhi Kendra,
New Delhi : 1st October 2025

7.2 BAR/PERT Chart

The Contractor shall submit a BAR Chart / PERT Chart enumerating the schedule of activities (Start and End Dates/Concurrent Activities) and deadlines for completion as per schedule given above prior to commencement of work at site.

7.3 Should the Contractor be delayed or impeded on the execution of works by reason of:-

- a. By the works or delays of other Contractors or tradesmen engaged or nominated by the Owner and not referred to in the Contract Documents.
 - b. The non-delivery or delay in the delivery to the Contractor, of any materials and equipment or drawings which under the Contract, the Owner, or the Architect/Registrar - BVB is to supply; or
 - c. Any cause whatever arising out of the acts or defaults of the Owner or the Architect/Engineer-in-Charge.
 - d. Extras or variations being ordered by the Owner/ Architects/Engineer-in-Charge.
 - e. Any other reason, which in the opinion of the Architects/Registrar - BVB has caused delay, the Contractor may from time to time, within Seven working days of the happening of any of aforesaid, apply in writing to the Architects, for an extension of the time on account thereof, setting forth the cause of such application.
- 7.4 Registrar - BVB may extend the time for completion of the works and the time for completion of the works, so extended, shall for all purposes of the contract be deemed the time specified for completion of the works.
- 7.5 Unless the Contractor shall apply for an extension of time, within the period and the manner aforesaid, and unless and until the Architects/Registrar - BVB recommend extension of time as aforesaid, the contractor shall not by reason of any delay arising from cause aforesaid, be relieved in any way or to any extent from his obligations to proceed with, execute and complete the works within the specified in the contract for the completion of the work. The contractor under no circumstances will stop the work at site until the same has been instructed by the competent authority of Bharatiya Vidya Bhawan.
- 7.6 **Time Extension:** In case due to unavoidable conditions/circumstances beyond the control of the contractor if additional time is required then the contractor shall apply in writing to the Registrar- BVB clearly specifying the time required (No. of Days) and if found reasonable the Engineer-in -Charge can seek approval of the competent authority to grant provisional extension of time in writing on receipt of the approval.
- 7.5 **LIQUIDATED DAMAGES FOR DELAY OF WORK**
Delay in execution of work beyond specified schedule shall be subjected to Liquidated Damages at a rate of 1% of the total contract value per week to a maximum of 10% upto two months beyond which the contract shall be terminated and all consequential losses shall be borne by the contractor.
- 8.0 **COORDINATION OF WORK**
At the commencement of work, and from time to time, the Contractor shall confer with the other Contractors, Sub-Contractors, persons engaged on separate contract in connection with the work, and with the Architects/Engineer-on-Charge for the purpose of the coordination and execution of the various phases of work. The Contractor shall ascertain from the other Contractors, Sub-contractors and persons engaged on separate contracts, in connection with the works, the extent of all chasings, cutting and forming of all openings, holes, grooves, etc. as may be required to accommodate the various services.
- The Contractor shall ascertain the routes of all services and the positions of all floor and wall outlets, traps etc. in connection with the installation of plant, services and arrange for the construction of work accordingly. The breaking and cutting of completed work must not be done unless specifically authorized in writing by the Architects/Engineer-in-Charge. No work shall be done over broken or patched work without first ascertaining that the broken surface is adequately prepared and reinforced to receive and hold the future work. Work broken without authorization will be subject to replacement at the direction of the Architects.

9.0 PAYMENT OF CONTRACTORS BILL

Subject to the provisions of terms and conditions Registrar - BVB of General Conditions of the Contract payments against RA Bills shall be released to the contractor as below:

RA Bills: RA bill will be honored in 15 days & the RA bill required to be supported by detailed measurement sheet, analysis or rate, other supported documents & Summary.

Final Bill: Within 60 days of submission of the Bill with the final completion certificate and as per the terms and conditions of the Contract.

Note: All Bills are required to be supported by Detailed Measurement Sheet and Analysis of Rates for Extra Items and its approval along with the Bill. The Bills shall be submitted in specified format which should indicate quantities executed in all RA Bills and cumulative Quantities besides current bill quantities along with tendered quantity/unit/rates.

10.0 MOBILIZATION ADVANCE (M.A.)

10.1 If specifically requested by the tenderer in the offer itself, a maximum of 10% (Ten percent) of contract value will be paid to Contractor as Mobilization Advance (MA) against an equivalent Bank Guarantee.

10.2 Recovery of MA paid to the contractor shall be made from each running account bill (Gross Value) on a pro-rata basis. The balance amount, if any, remaining unrecovered will be deducted in full of the pre-final bill. The part of the composite Bank Guarantee referred above falling vacant by recovery of Mobilization Advance progressively from RA Bills shall thus get adjusted towards security deposit payable by the contractor and hence no cash deduction shall be made towards security deposit.

10.3 The MA paid to the contractor shall be used by them only for the execution of the subject work and they shall satisfy Architects/Registrar – BVB in this regard, if required.

11.0 PAYMENT WITHHELD

The Architects/Registrar - BVB may cease to withhold or on account of subsequently discovered evidence, cause to nullify the whole or a part of any certificate to such extent as may be necessary to protect the Owner from loss on account of:

11.1 Defective work not remedied or poor quality of material sourced by contractor.

11.2 Failure of the Contractor to make payments properly to Sub-contractors or for materials or labor or equipment.

11.3 Damage to another Contractor or Sub-Contractor.

11.4 A reasonable doubt that the contract can be completed for the balance unpaid.

11.5 A reasonable doubt that the Contractor intends to leave work items incomplete.

11.6 Failure to provide samples, shop drawings, models, Sample Board or Bar charts as called for.

Note: It is mandatory for the contractor to prepare shop drawings and get the same approved by Architects and Samples of materials /products sources prior to procurement through Sample board by Architects/Registrar/Engineer-in-charge.

12.0 MATERIAL AND WORKMANSHIP

The Bidder shall include in his offer the Quality Assurance Programme containing the overall quality management and procedures which is required to be adhered to during the execution of CONTRACT. After the award of the CONTRACT detailed quality assurance program to be followed for the execution of CONTRACT under various divisions of WORK will be mutually discussed and agreed to.

The CONTRACTOR shall establish documents and maintain an effective quality assurance system as outlined in recognized codes.

Quality Assurance System plans/procedures of the CONTRACTOR shall be furnished in the form of a QA manual. This Document should cover details of the personnel responsible for the quality assurance, plans or procedures to be followed for quality control in respect of Design, Engineering, Procurement, Supply, Installation, Testing and Commissioning. The quality assurance system should indicate an organizational approach for quality control and quality assurance of the construction activities at all stages of WORK at SITE as well as at Manufacturer's works and dispatch of materials. One representative of Registrar - BVB shall inspect the prototypes as specified by the Architects in the factory/workshop of the contractor and on approval further work will be carried out to the satisfaction of the Architects.

The Registrar - BVB or his authorized representative shall reserve the right to inspect/witness; review any or all stages of WORK at SHOP/SITE as deemed necessary for quality assurance.

All materials and equipment to be supplied by the Contractor in the works shall be new. Materials, equipment and workmanship are to be of the approved quality of the specified type and to the entire satisfaction of the Architects. The Contractor shall immediately remove from the premises any materials, equipment and/or workmanship which, in the opinion of the Registrar -BVB/ Architect/Engineer-in-Charge, are defective or unsuitable and shall substitute proper materials, equipment and/or workmanship at his own cost. The term approval used in connection with this contract shall mean the approval of the Architects /Registrar .

The Contractor, shall, if required, submit satisfactory evidence as to the kind and quality of materials and equipment.

Where special makes or brands are called for they are mentioned as standard in the List of Approved makes, in case of non-availability or discontinuation of product the other brands from the list may be used, provided approval is first obtained in writing from the Architects. Unless substitutions are requested and approved in writing no deviation from the Specifications will be permitted.

The Contractor shall indicate and submit written evidence of those materials or equipment called for in the specifications that are not obtainable for installation in the building within the time limit of the contract.

All materials and equipment shall be delivered to ensure speedy and uninterrupted progress of the work. Same shall be stored to cause no obstruction and to prevent overloading of any portion of the structure, and the contractor shall be entirely responsible for damage or loss to be materials by weather or other causes. Materials shall be stored in an orderly manner and protected against damage by dilution or any cause whatsoever. When required, materials shall be stacked, stored, or arranged as directed by the Architects.

Immediately after award of the Contract, the Contractor shall submit for approval of the Architects/Engineer-in-Charge, Details of Manpower Deployment at site, a complete list of all materials and equipment he and his sub-contractor propose to use in the work, of definite brand or make, which differs in any respect from those specified, and also the particular brand of any articles where more than one is specified as a standard. He shall also list items not specifically mentioned in the Specifications, but which are reasonable inferred and necessary for the completion of the work.

The Contractor shall employ the right kind of workmen, jigs, tools and equipment to fabricate and install all materials and equipment, whether locally purchased or imported and whether provided by the Owner or Contractor himself. They shall be fabricated and installed without any damage and in accordance with the manufacturer's instructions and manuals.

13.0 INSPECTION

All materials, equipment and workmanship shall be subject to inspection, examination, and test by the Architects/Registrar - BVB always during manufacture and/or construction. The Architects/Engineer-in-Charge/Owner shall have the right to reject defective material, equipment and workmanship or require its correction. Rejected workmanship shall be satisfactorily replaced with proper material and equipment without charge therefore, and the contractor shall promptly segregate and remove the rejected materials and equipment from the premises. If the Contractor fails to proceed at once with the replacement of rejected materials/or the correction of defective workmanship, the Owner may by contract or other wise, replace such materials and equipment and/or correct such workmanship and charge the cost thereof to the Contractor may terminate the right of the Contractor may terminate the right of the Contractor to proceed further with the work. The Contractor shall furnish promptly without additional charge all reasonable facilities, labor, materials inspection, and test that may be required by the Architect.

14.0 TESTING AND LABORATORY

The contractor shall establish a material testing lab on site to carry out various test to ensure quality assurance. All tests shall be conducted in a manner as specified by CPWD Norms /BIS and specialized as required will be done through an organization selected by the Architects/Engineer-in-Charge. The Contractor shall arrange for such test and shall also bear all expenses in connection therewith. For all equipment installed the tolerances would be considered as per IS specification/International Standards as applicable/manufacturer specifications and the CPWD schedule of works.

14.1 TOLERANCE

The CONTRACTOR shall exercise every care to ensure that all structural members are sufficiently plumb and true to dimensions called for on the drawings to receive finishing elements such as doors, windows, cabinet work, ceramic works, concrete tiles etc. Any variations may require rectification in the structural members or may involve remaking or replacing the finishing elements, fabricated to fit into the openings or spaces, as called for in the Drawings. In case of separate Contract, the CONTRACTOR whose work does not conform to dimension called for, shall be liable for all the expenses which may have to be incurred for rectification or replacement as may be required by the Architect/ Registrar - BVB for the proper installation of the finishing elements. The Architect's decision in this respect shall be final and binding on the parties concerned.

15.0 DEDUCTIONS FOR UNCORRECTED WORK

If the Architect/ Registrar - BVB deems it inexpedient to correct work damaged or not done in accordance with the Contract, an equitable deduction from the contract price shall be made thereof and the decision of the Owner on the recommendation of the Architect/Registrar - BVB shall be final.

16.0 CORRECTION OF WORK BEFORE FINAL PAYMENT

The Architects shall conduct a final inspection just before the virtual completion of the work and prepare a list of materials, equipment and items of work which fail to conform to the Contract specifications. The Contractor shall promptly replace and re-execute such items in accordance with the contract and shall bear all expenses of making good all work and the cost of all work of other Contractors destroyed or damaged by such replacement or removal.

If the contractor fails to remove and replace above rejected materials, equipment and/or workmanship within a reasonable time, fixed by written notice, the Owner may employ and pay other persons to amend and remove such defects at the expense consequent on the defects shall be recoverable from any amount due or which may become due to the Contractor.

17.0 VIRTUAL COMPLETION

The work shall be considered as virtually completely only upon fulfillment of the procedure laid down in Clause above and when the Architects have certified in writing that the work has been virtually completed. The defects liability period shall commence from the date of such certificate.

Should the Owner decide to occupy any portion of a building or use any part of any equipment before the contract is completed, same shall not constitute an acceptance of any part of the work unless so stated in writing by the Architect.

18.0 PROTECTION AND CLEANING

18.1 The Contractor shall protect and preserve the works from all damage or accident by providing suitable and adequate measures as required by the Architects. This protection shall be provided for all property adjacent to the site as well as on the site. The Architect/Registrar - BVB may direct such measures as are deemed necessary and the Contractor shall be liable to entirely replace items damaged due to failure to provide adequate protection.

18.2 The Contractor shall properly clean the work as it progresses and shall promptly remove all rubbish and debris from the site from time to time, as is necessary and as directed. On completion, the Contractor shall ensure that the premises and/or site are cleaned and surplus materials, debris; sheds etc. are removed so that the whole site is left fit for immediate use and to the satisfaction of the Architects/Owner.

18. No building waste shall be buried or left on the premises and the grounds shall be free of any building material or construction residue that can damage the growth of plants. The Registrar-BVB/ Architects decision in this matter shall be final.

19.0 GOODS AND SERVICES TAX /WORKS CONTRACT/TURNOVER TAX/LABOUR CESS

This being a works contract, no Turnover tax will be payable on the contract price or part thereof, Work Contract Tax will be deducted as per specified norms if applicable in the State/GOI. However, if at a later date due to any statutory amendment, the contractor is required to pay turnover tax on the contract price or part thereof, the actual turnover tax paid by the contractor will be reimbursed by the owner subject to production of documentary evidence. It is, however, specifically noted that the contractor shall be reimbursed GST as per norms applicable for fulfilling his obligations. LABOUR CESS will be payable as per instructions of Govt. of India with prior approval REGISTRAR- BVB-DELHI KENDRA.

20.0 INCOME TAX-TDS

Income Tax at the prevailing rate on the gross amount billed shall be deducted from Contractors bills as per Income Tax Act/ Rules or any Statutory modification thereof by Govt .of India.

21.0 MEASUREMENT AND BILLING OF WORK

i. Measurements shall be recorded by the Contractor on Measurement sheets as per Performa and shall be verified and approved by the Architects.

- ii. Bills based on the above Performa consisting of Bills, Summary, abstract sheets, measurement sheets and other documentation shall be bound and submitted by the contractor as per CPWD Norms and Procedures.

22.0 CONTRACTORS REMUNERATION

The price to be paid by the Owner to contractor for the whole of the work to be done and for the performance of all the obligations undertaken by the Contractor under the contract documents, shall be ascertained by the application of the respective schedule of rates (the inclusive nature of which is more particularly defined by way of amplification but not of limitation, with the succeeding sub-clause of this clause) and approved by the Architect/Registrar. The extent expressly provided herein constitutes the sole and inclusive remuneration of the contractor under the contract and no further or other payment whatsoever shall be or become due or payable to the contractor under the contract.

23.0 SCHEDULE OF RATES TO BE INCLUSIVE

Schedule of Rates shall be deemed to include and cover all costs, taxes, octroi, GST etc. and liabilities of every description and all risks of every kind (FOR Site) to be taken in executing, completing and handing over the work to the Owner by the contractor. The contractor shall be deemed to have known the nature, scope, magnitude and the extent of the works and materials required, through the contract documents may not fully and precisely furnish them. He shall make such provision in the Schedule of Rates as he may consider necessary to cover the cost of such item of work and materials as may be reasonable and necessary to complete the works. The opinion of the Architects as to the items of work which are necessary and reasonable for completion of work shall be final and binding on the contractor, although the same may not be shown on or described specifically in contract documents.

- 24.0 Generality of this present provision shall not be deemed to cut down or limited in any way because in certain cases it may and in other cases it may not be expressly stated that the Contractor shall do or perform a work or supply articles or perform services at his own cost or without additional payment or without extra charges or words to the same effect or that it may be stated or not stated that the same are included in and covered by the Schedule of Rates.

25.0 SCHEDULE OF RATE TO COVER CONSTRUCTIONAL PLANT, MATERIALS, LABOUR, ETC.

Without in any way limiting the provisions of the preceding sub-clause the schedule of Rates shall be deemed to include and cover the cost of all constructional plant, temporary works (except as provided for herein specifically) pumps, materials, labor, insurance, fuel, stores and appliances to be supplied by the contractor and all other matters in connection with each item in every respect maintained and as shown or described in the contract documents or as may be ordered in writing during the continuance of the contract.

26.0 SCHEDULE OF RATES TO COVER ROYALTIES, RENTS, PROVIDEND FUND, AND CLAIMS

The Schedule of Rates shall be deemed to include and cover the cost of all royalties and fees for all articles, processes, protected by letters, patent or otherwise incorporated in or used in connection with the works, also all royalties, rents and other payments in connection with obtaining materials of whatsoever kind for the works and shall include an indemnity to Registrar - BVB which the contractor hereby give against all actions, proceedings, claims, damages, costs and expenses arising from the incorporation or the use on the works of any such articles, processes or materials. Octroi or other Municipal or local Board charge, if levied on materials, equipment, or machinery to be brought to site and removed from site for use on work or after completion of the work, shall be borne by the contractor. The contractor should be registered for the Employees Provident Fund (EPF) and would be required to make the deductions on the salaries paid to the workers and deposit the same to the concerned department.

27.0 SCHEDULE OF RATES TO COVER TAXES AND DUTIES

No exemption or reduction of customs duties, excise duties sales tax, VAT or any part duties, transport carriages, stamp duties or Central or State Government or other body including one company or dues, taxes or charges (from or of anybody including the company), whatsoever will be granted or obtained all of which expenses shall be deemed to be included in and cover by the Schedule of rates. The contractor shall also obtain and pay for all permits, or other privileges necessary to complete work. In case where Registrar - BVB wishes to avail Tax/Duty exemptions as applicable to the contractors shall comply with the instructions from Registrar- BVB-DELHI KENDRA

28.0 SCHEDULE OF RATES TO COVER RISKS OF DELAY

The schedule or Rates shall be deemed to include and cover the risk of all possibilities of delay and interference with the contractor's conduct of the works which occur from any cause including orders of Registrar - BVB in the exercise of his powers and on account of extension of time granted due to various reasons and for all other possible or probable causes of delay.

29.0 SCHEDULE OF RATES CANNOT BE ALTERED

For work under unit rate basis, no alteration will be allowed in the schedule of rates by reason of works or any part of them being modified, altered, extended, diminished, or omitted. The schedule of rates are fully inclusive rates which have been fixed by the Contractor and agreed to by Registrar- BVB-DELHI KENDRA and cannot be altered.

For lump sum items the payment will be made according to the work carried out, for which purpose an item-wise or work-wise schedule of rates shall be furnished, suitable for evaluating the value of work done and preparing running account bills.

30.0 PROCEDURE FOR MEASUREMENT AND BILLING OR WORK IN PROGRESS

30.1 Measurements

All measurements shall be in the metric system. All the works in progress will be jointly measured by the authorized agent progressively. Such measurements will be recorded in the measurement book by the Registrar - BVB or his authorized representative and signed in token of acceptance by the contractor or his authorized representative.

For the purpose of taking joint measurement the contractor's representative shall be bound to be present whenever required by the Registrar - BVB .If he absent for any reason whatsoever the measurements will be taken by the Registrar - BVB or his representative and this will be deemed to be correct and binding on the contractor.

Works that are likely to be covered up by subsequent operations should be measured before such covering up, failing which such covered works may be liable for not being measured.

31.0 Billing

The contractor will submit a bill in approved Performa in triplicate to the Registrar - BVB of the work giving abstract and detailed measurement for the various items executed.

32.0 Dispute in Mode of Measurement

In case of any dispute as to the mode of measurement not covered by the contract to be adopted for any item or work, mode of measurement as per Indian Standard Specification NO.1200 shall be followed.

33.0 LUMP-SUMS IN TENDER

For the item in tender where it includes lump sums in respect of parts of work, the contractor shall be entitled to payment in respect of the items at the same rates as are payable under this contract for such items, or if the part of the work in question is not in the opinion of the Registrar - BVB-DELHI KENDRA, capable of measurement or determination, the Registrar - BVB may at his discretion, pay the lump sum amount entered in the tender or a percentage thereof and the certificate in writing of the Registrar - BVB shall be final to any sum or sums payable to him under the provisions of this clause.

34.0 Shop drawings

34.1 The shop drawings for all works as required by the Architect/Registrar - BVB shall be submitted in quadruplicate at no extra cost by the contractor to Architect/Registrar - BVB within the time stipulated by Architect/Registrar - BVB and in the manner so required by them. The Contractor shall proceed with the Works only after the approval of the Architect. Such drawings shall be coordinated with all disciplines of work.

34.2 Price variation strictly within terms and conditions as laid down in this clause will be applicable to the work done under this contract. Except for such price variation, no other escalation whatsoever will be payable.

35.0 PAYMENTS OF RUNNING ACCOUNT TO BE REGARDED AS ADVANCES

All running account payments shall be regarded as payment 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 and imperfect or unskilled work to be removed and taken away and reconstructed or re-executed or be considered as an admission of the due performance of the contract, or any part thereof, in this respect, of the accruing of any claim by the contractor, nor shall it conclude, determine or affect in any way the powers of the Owner 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 within one month of the date fixed for completion of the work. Otherwise, the Registrar - BVB certificate of the measurement and of the total amount payable for the work accordingly shall be final and binding on all parties. The Minimum Value of RA Bill will not be Less than Rs 50,00,000/= (Fifty Lacs).

36.0 NOTICE OF CLAIMS FOR ADDITIONAL PAYMENT

Should the contractor consider that he is entitled to any extra payment or compensation or to make any claims whatsoever in respect of the works he shall be worth with give notice in writing to the Registrar - BVB that he claims extra payment and/or compensation. Such Notice shall be given to the Registrar - BVB within ten days, from the ordering of any work or happening of any event upon which the contractor basis such claims notice shall contain full particulars of the nature of such claims with full details and amount claimed. Failure on the part of the contractor to put forward any claim with the necessary particulars as above within the time above specified shall be an absolute waiver thereof. No omission in dealing therewith shall be waiver by the Registrar - BVB of any rights in respect thereof.

37.0 PAYMENT OF CONTRACTOR'S RA BILL

No payment shall be made towards RA Bills less than Rs.1,00,00,000/- till after the RA Bill is approved and a certificate issued. This payment will be made after making necessary deductions as stipulated elsewhere in the contract document for materials, security deposit etc.

Payment due to the contractor shall be made by the Registrar - BVB by Crossed 'Account Payee' cheque forwarding the same to registered officer of the notified office of the contractor. In no case will Registrar - BVB be responsible if the cheque is mislaid or misappropriate by

unauthorized persons. In all cases, the contractor shall present his bill duly pre-receipted on a proper revenue stamp.

All payments shall be made in Indian currency.

38.0 RECEIPT AND PAYMENT

Receipts for payment made on account of work when executed by a firm, must be signed by a person holding due power of attorney in this respect on behalf of the contractor, except when the contractor is described in his tender as a limited company in which case the receipts must be signed in the name of the company by one of its Principal Officers or by some other persons having authority to give effectual receipt for the company.

38.1 PAYMENTS WITHHELD

The Architect/Registrar - BVB may withhold or on account of a subsequently discovered evidence nullify the whole or part of any certificate to such extent as may be necessary in his reasonable opinion to protect the Owner from loss on account of :

- 38.1.1 Poor quality of material, Defective work not remedied and incorrect sequence of work only to enhance RA Billing which can have adverse impact on quality of finish.
- 38.1.2 Failure of the Contractor to make payments properly to Sub-contractor or for materials or labour.
- 38.1.3 A reasonable doubt that the Contract can be completed for the balance then unpaid.
- 38.1.4 Damage to another Contractor or Sub-Contractor.
- 38.1.5 Claims filed on reasonable evidence indicating probable filing of claims.
- 38.1.6 Holding execution of work at site by the contractor

When the above grounds are removed payment shall be made for amounts withheld because of them.

40.0 COMPLETION CERTIFICATE

40.1 Application for Completion Certificate

When the Contractor completes the work to the satisfaction of the Architects, he shall be eligible to apply for completion certificate. The contractor may apply for separate completion certificate in respect of each such portion of the work by submitting the completion documents along with such application for completion certification.

The Registrar - BVB shall normally issue to the contractor the completion certificate within one month after receiving an application therefore from the Contractor after verifying from the completion documents and satisfying himself that the work has been completed in accordance with and as set out in the construction and erection drawings, and the contract documents.

The contractor, after obtaining the completion certificate, is eligible to present the final bill for the work Executed by him under the terms of contract.

40.2 Completion Certificate

Within one months of the completion of the work and finalization of final bills in all respects, the contractor shall be furnished with a certificate by the Registrar - BVB of such completion, but no certificate shall be given nor shall the work be deemed to have been completed until all scaffolding, surplus materials and rubbish is cleaned off the site completely nor until the work

shall have been measured by the Registrar - BVB whose measurement shall be binding and conclusion. If the contractor shall be final comply with the requirements of this clause on or before the date fixed for the completion of the work, the Registrar - BVB may at the expenses of the contractor, remove such scaffolding, surplus materials and rubbish and dispose of the same as he thinks fit and clean off such dirt as aforesaid, and the contractor shall forthwith pay the amount of all expenses so incurred and shall have no claim in respect of any such scaffolding or surplus materials as aforesaid except for any sum remaining after deducting from the amount actually realized by the sale thereof, the full expenses incurred by in removal and disposal of such scaffolding, surplus materials, debris, etc.

In case the contractor fails to clear the site including hutments within one month the site shall be deemed to be cleared and contractor shall not have any claim of any kind and BVB-DELHI KENDRA shall get the same cleared at the cost of the contractor which will be debited to their final bill and the decision of Registrar , BVB-DELHI KENDRA shall final and binding on the aforementioned matter.

40.3 **Completion Certificate Documents**

For the purpose of clause 38.0 the following documents will be deemed to form the completion documents:

- i. The Technical documents according to which the work was carried out.
- ii. Three sets of As Built Drawings along with soft copy in AutoCAD Drawing Format showing therein the modification and corrections made during the course of execution signed by the Registrar - BVB-DELHI KENDRA
- iii. Completion Certificate for 'embedded' and 'covered' up works.
- iv. Certificates of tests performed for various works.
- v. Certificate of final levels as set out for various works.
- vi. Material appropriate Statement for the materials issued by Registrar - BVB stores for the works and list of surplus materials returned to Registrar - BVB stores duly supported by necessary documents.

41.0 **FINAL DECISION AND FINAL CERTIFICATE**

Upon the expiration of the liability and subject to the Registrar - BVB being satisfied that the works have been duly maintained by the contractor during monsoon or such period as herein before provided in clause 38.2. and that the contractor has in all respect made up any subsidence and performed all his obligations under the contract, the Registrar - BVB shall (without prejudice to the rights of Registrar- BVB-DELHI KENDRA to retain the provisions of relevant clause here of otherwise) give a certificate (herein referred to as the final certificate) to that effect and the contractor shall be considered to have fulfilled the whole of his obligations under the contract with REGISTRAR- BVB-DELHI KENDRA.

42.0 **ARBITRATION**

Settlement of disputes by Arbitration

Except where otherwise provided in the CONTRACT any question, dispute or difference that shall arise between OWNER on the one hand and the CONTRACTOR on the other hand as to the construction, intent, meaning or effect of the CONTRACT DOCUMENTS, designs, drawings, specifications, estimates or any one of them or as to any further DRAWINGS to be prepared or as to the application of the SCHEDULE OF RATES, to the measurements taken or as to the materials or the quality thereof or as to execute the same whether arising during the progress of WORK, or within six (6) months of completion or abandonment thereof or as to any matter or thing, whether of the nature aforesaid or otherwise, however, arising out of or

in any way relating to or connected with the CONTRACT then EVERY SUCH QUESTION, DISPUTE OR DIFFERENCE (except where otherwise herein expressly provided) shall be referred to a SOLE ARBITRATOR to be appointed by the parties by mutual consent within one (1) month from the date of notice of either party requiring an arbitrator to be appointed or resolving such disputes. In the event of the parties being unable to agree to a sole arbitrator within the specified time, the sole arbitrator shall be appointed by the Court of Law at New Delhi as the jurisdiction may apply following any disputes arising within one (1) month from the date of request made to him in this behalf by either party. Such submission shall be deemed to be a submission to arbitration within the meaning of the INDIAN ARBITRATION AND CONCILIATION ACT 1996 OR any statutory notification thereof. The AWARD of the sole Arbitrator shall be final and binding upon the parties. The Arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason at the time of such transfer, vacation of office or inability to act shall recommend for appointment another person to the appellate authority if sought by it can appoint another arbitrator in place of his predecessor who shall be entitled to proceed with the reference from the stage at which it was left by his predecessor.

This arbitration agreement between the parties clearly stipulates that the SOLE ARBITRATOR shall be required to give a SPEAKING AWARD.

Meanwhile in order to ensure the WORK being proceeded with continuity, the CONTRACTOR shall (in the case of any such question, dispute of difference) act upon and effect to the order of the Registrar - BVB and no payment due or payable by the OWNER to the CONTRACTOR or vice versa shall be withheld on account of such arbitration unless such payments are the direct subject of such arbitration proceedings.

Upon every such reference the costs incidental to the reference and award shall in first instance be incurred by respective parties and the arbitrator at his discretion may determine the amount thereof and direct as to by whom and to whom and in what manner the same shall be finally borne and paid.

The arbitration proceedings shall be held at the designated office of the OWNER only and the courts of the same place will have jurisdiction in the matter. It is also a term of CONTRACT that the party invoking ARBITRATION shall specify the dispute or disputes to be referred to ARBITRATION under this clause together with the amount or amounts claimed in respect of each such dispute.

It is also a term of the CONTRACT that if the CONTRACTOR does not make any demand for ARBITRATION within three (3) months of intimation from the OWNER that the FINAL BILL is ready for payment, the claims of the CONTRACTOR will be deemed to have been waived and absolutely barred and the OWNER shall be discharged and released of all the liabilities under the CONTRACT.

The decision of the Architects/Registrar - BVB regarding the quantum of reduction as well justification thereof in respect of rates for substandard work which may be decided to be accepted will be final and would not be open to arbitration.

The Arbitrator shall give a reasoned award if the amount of award is more than Rs.5,000,00/- (Five Lacs only)

43.0 TAXES, DUTIES, OCTROI, ETC.

The contractor agrees to and does hereby accept full and exclusive liability for the payment of any and all taxes, duties, octroi, royalties etc. now or hereafter imposed, increased, or modified, and all GST, duties, octroi, royalties etc. now in force and thereafter increased, imposed or modified from time to time in respect of works and materials and all contribution and taxes for unemployment compensation, insurance and old age pensions or annuities now or hereafter imposed by any Central or State Governmental authority or other local authorities which are imposed with respect to or covered by the wages, salaries, or other compensations paid to by the persons employed by the contractor or by his subcontractor and the contractor

shall be responsible for the compliance with all obligations and restrictions imposed by the Labor Law or any and the contractor further agrees to comply, and to secure the compliance of all subcontractors, with all applicable Central, States, Municipal and local laws and regulations and requirements of any Central, State or Local Governmental or other agency or authority. Contractor further agrees to defend, indemnify and hold harmless from any liability or penalty which may be imposed by the Central, State or local authorities by reason of any violation by contractor or subcontractor of such laws, regulations or requirements and also from all claims, suits or proceedings that may be brought against Registrar - BVB arising under growing out of, or by reason of the work provided for by this contract, whether brought by employees of the subcontractor by third parties, or by Central or State Government authority of any administrative subdivision thereof, or other local authorities.

44.0 INJURY TO PERSONS AND PROPERTY OWNER

- 44.1 The Contractor shall be liable for and shall indemnify the Owner against any liability, loss, claim or proceedings whatsoever arising under any statute or at common law in respect of personal injury to or the death of any person whomsoever arising out of or in the course of or caused by the carrying of the works, unless due to any act or neglect of the Owner or of any person for whom the Owner is responsible.
- 42.2 The Contractor shall be liable for and shall indemnify the Owner against any expense, liability, loss, claim or proceedings in respect of any injury or damage whatsoever to any property real or personal in so far as such injury or damage arises out of or in the course of or by reason of the carrying out of the works, and provided always that the same is due to any negligence, omission or default of the Contractor, his servants or agents or of any Sub-Contractor, his servants or agents.

45.0 INSURANCE AGAINST INJURY TO PERSONS AND PROPERTY

- 45.1 Without prejudice to his liability to indemnify the Owner under clause 43 of these conditions the Contractor shall maintain and shall cause any Sub-Contractor to maintain the following:
- 45.1.1 Such insurance as are necessary to cover the liability of the CONTRACTOR or as the cause may be of such Sub-Contractor, in respect of personal injuries or deaths arising out of or in the course of or caused by the carrying out of the works; and
- 45.1.2 Such insurance as may be specifically required by the Contractor in respect of injury or damage to property real or personal arising out of or during or by reason of the carrying out the work, and caused by any negligence, omission or default of the Contractor, his servants or agents or, as the case may be of such Sub-Contractor, his servants or agents. The Contractor shall produce or cause any Sub-Contractor to produce for inspection the relevant policy or policies of insurance together with the receipts in respect of premiums paid under such policy or policies as and when required to do so by the Architect/Registrar - BVB provided always that as and when may be reasonably required by the Architect/ Registrar - BVB the production by either the Contractor or any sub-Contractor of a current certificate of insurance from the company or firm which shall have issued the policy or policies aforesaid shall be a good discharge of the Contractor's Obligation to produce or to cause the production of the policy/policies and the receipts in respect of premium paid.
- 45.2.1 The Contractor shall maintain in the joint names of the Owner and Contractor such insurance as may be required in respect of any expense, liability, loss, claim or proceedings which the Owner may incur or sustain by reason of injury or damage to property real or personal arising out of or in the course of or by reason of the carrying out the work, and caused otherwise than by the negligence, omission or default of the Contractor or his appointed Sub Contractors or his servants or agents.
- 45.2.2 Any such insurance as is referred to in the immediately preceding paragraph shall be placed with Insurers to be approved by the Architect/ Registrar - BVB and the Contractor shall have to deposit with him the policy or policies and the receipt of premiums paid.

45.3 Should be Contractor or any Sub-Contractor make default in insuring or in continuing to insure as provided in Sub-clause (1) and (2) of this condition the Owner may himself insure against any risk with respect to which the default shall have occurred and may deduct a sum equivalent to the amount paid in respect of the premiums from any monies due to or become due to the Contractor.

46.0 **INSURANCE OF THE WORKS AGAINST NATURAL DISASTERS/ACCIDENTS AND PROFESSIONAL LIABILITY TO COVER ALL RISK CONNECTED WITH WORKS, ETC.**

46.1 The Contractor shall in the joint names of the Owner and Contractor insure against loss or damage by fire, storm, tempest, lightning, flood, earthquake, aircraft or anything dropped therefrom, aerial objects, riot and civil commotion for the full value thereof all work executed and all unfixed materials and goods intended for, delivered to and placed on or adjacent to the work, but excluding temporary building plant, tools and equipment owned or hired by the Contractor or any Sub-Contractor and shall keep such work materials and goods so insured until Completion of the Work. Such insurance shall be with insurers approved by the Architect/Registrar - BVB and the Contractor shall deposit with the Architect/Registrar - BVB the policy or policies and the receipts in respect of premiums paid and should be Contractor make default in insuring or continuing to insure as aforesaid the Owner may himself insure against any risk with respect of which the default shall have occurred and deduct a sum equivalent to the amount paid by him in respect of premium from any monies due to or to become due to the Contractor.

Provided always that if the Contractor shall independently of his obligations under this contract maintain a policy of insurance which covers (inter alia) the said work, materials and goods against the aforesaid contingencies to the full value thereof then the maintenance by the Contractor of such policy shall if the Owner's interest is endorsed thereon, be a discharge of the Contractor's obligation to insure to the joint names of the Owner and Contractor and the production by the Contractor as and when may reasonably be required by the Architect/Registrar - BVB of a current certification of insurance from the company or firm which shall have issued the said policy shall be a discharge of the Contractor's obligation to deposit with the Architect/Registrar - BVB a policy or policies and the receipts in respect of premiums paid.

46.2 Upon settlement of any claim under the insurance aforesaid the contractor with due diligence shall restore work damaged, replace or repair unfixed materials or goods which have been destroyed or injured, remove or dispose of any debris and proceed with the carrying out and completion of the work. All monies received from such insurance shall be paid to the Contractor by installment under the certificates of the Architect/Registrar - BVB issued at the period of interim certificates named in the appendix to these conditions. The Contractor shall not be entitled to payment in respect of the restoration of work damaged, the replacement and repair of any unfixed materials or goods and the removal and disposal of debris other than the monies received under the said Insurance.

46.3 The contractor shall obtain a comprehensive Professional Liability Insurance to cover all risks connected to the discharge of his obligations under the contract from any Nationalized Insurance company or a Multinational Insurance Company duly vetted by their authorized underwriters and provide a copy of the policy to Bharatiya Vidya Bhawan.

47.0 **SPECIFIC COMMERCIAL AND ADDITIONAL CONDITIONS**

- This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into beneficial use of all equipment. The equipment shall be installed at BVB-DELHI KENDRA, New Delhi.
- The contractor must pay provident fund to RPF for the labor involved and produce copies of the wages paid along with PF deducted and deposited by them within specific time.
- The Contractors must submit the list of workers at least two days in advance to enable the Bharatiya Vidya Bhawan to prepare the required temporary pass for them. The contractors must arrange the required verification and/or stand fully responsible for the workers' antecedents from the local police station. The contractor shall be responsible for the

manpower deployed by them at the site and all the relevant Acts, Rules, and Regulations under them as enacted and under enforcement as on date with their modifications by the Ministry of Labor, GOI shall apply, and compliance shall be adhered to.

- The contractors have to make their own arrangement for the accommodation of the workers with proper livable conditions for all workers and their families as stipulated under norms and will be allowed to stay in the premises at the specified location allocated by BVB-DELHI KENDRA .
- Verification/Certification of the bills pertaining to the work is to be completed within 45 days.
- Final bill of the work should be submitted within 30 days after completion of the work.
- Prior approval of the competent authority should be taken before executing any work on extra items.
- All the items/materials required for the above said work must be brought through proper challans which will be checked at gate. These challans/Tax Invoices etc. duly verified by AEO/Competent Authority responsible for issuing such challans will be taken into consideration during verification of the bills.

48.0 CO-ORDINATION WITH OTHER AGENCIES:

The successful contractor shall coordinate work with all other sub-contractor/agencies engaged in construction of building if any and exchange freely all technical information to make the execution of work smoothly. The contractor shall assist BVB-DELHI KENDRA in obtaining completion and occupancy certificates and depute its staff to facilitate and organize inspection of statutory bodies/authorities. (if required)

49.0 CONFORMITY WITH STATUTORY ACTS, RULES, STANDARDS AND CODES

- i) All components shall conform to relevant BIS Code, Indian Standard Specifications, International Standards as applicable, wherever existing, amended up to date.
- ii) All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 up to date or any modification thereof.

50.0 GUARANTEE AND INTERNATIONAL WARRANTIES

50.1 All equipment, installations of fixtures /fittings, machinery, electronic /electrical ,plumbing and mechanical systems including Low Voltage systems etc. installed in the buildings(considered comprehensively) shall be guaranteed/warrantied, against unsatisfactory performance and/ or break down due to defective design workmanship or material, for a period of 12 months or as provided by the manufacturer from the date of taking over of the installations by the Engineering Department of BVB-DELHI KENDRA. The procedure for AMC shall be initiated by the contractor/agency two months prior to the end of defect liability period which shall come into effect from the date of completion of defect liability period and duly signed AMC's.(Ref: Clause52 in conjunction) The equipment or components, or any part thereof, so found defective during guarantee/warranty period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in attending the defect/fault removed, the same will be done by the department at the risk and cost of the contractor. The decision of the Registrar - BVB in this regard shall be final and binding on the contractor. The guarantees/warranties of all national/international products shall be in favor of BVB-DELHI KENDRA and contractor shall be responsible to complete all documentation and transfer the same to BVB-DELHI KENDRA.

50.2 The tenderer shall guarantee among other things, the following:

1. Quality, strength and performance of the materials used as per manufacturers standards.
2. Safe structural, mechanical and electrical stress on all parts and installation under all specified conditions of operations.
3. Satisfactory operation during the maintenance period.

51.0 TENDER DRAWINGS, SHOP DRAWINGS FOR APPROVAL AND COMPLETION DRAWINGS

(A) Tender Drawings

The drawings appended with the tender documents are intended to show space allotted for various equipment. The equipment offered shall be suitable for installation in the spaces shown in these drawings and can be modified as part of GFC Drawings if required to accommodate specific requirements/ environmental conditions etc.

(B) Shop Drawings for approval on award of the work

The contractor shall prepare and submit five sets of shop drawings as mentioned at serial no. 2.4 of "Instruction to Contractor" and get them approved from the Architects/ Registrar - BVB before the start of work. The approval of drawings, however, does not absolve the contractor not to supply the equipment/ materials as per agreement, if there is any contradiction between the approved drawings and agreement the decision of the Architect / Engineer -in-charge will be final.

(C) The contractor on completion of work shall submit 3 sets of readable AS BUILT DRAWINGS composed on A1 size sheet along with soft copy of the said drawings in AutoCad format of the same.

52.0 AFTER SALES SERVICE

The contractor shall ensure adequate and prompt after sales service free of cost during guarantee and defect liability period, and against payment after the guarantee period is over as per AMC agreed terms which shall be initiated by the contractor and its duly appointed agency/subcontractor two months prior to the deadline of defect liability period, in the form of maintenance, spares and personnel as and when required during normal life span of the equipment and shall minimize the breakdown period. In case of equipment supplied by other manufacturers the firm shall furnish a guarantee from the manufacturer of the same before the complete system installed is taken over. The Security Deposit will only be released after all formalities of AMC are completed and any delay on account of the above shall be on account of the contractor. It shall be the responsibility of the contractor to handover to the Bharatiya Vidya Bhawan all installed equipment and machinery in full operational condition to its full efficiency within prescribed tolerances as per norms ten days prior to the end of defect liability period.

53.0 ACCEPTABLE MAKES OF VARIOUS MATERIALS AND EQUIPMENT

The acceptable makes of various equipment / components/ accessories have been indicated in "List of Approved Makes". The tender shall work out the cost of the offer on the same basis. The descending order of the approved makes as given in the List of Approved makes will be followed as per standard practice. **Alternate makes are not acceptable. The sequence from first to the last will be followed as per list of makes. In case of non-availability, the contractors will seek written permission from the Architects to procure the make listed sequentially in the List of Approved Makes.**

54.0 TRAINING

The contractor shall make suitable arrangements for training of the client staff in regard to the operation of various equipment, software handling for the convenience of their operation and day to day maintenance, safeties and their setting and troubleshooting also. The period of training and number of people for training shall be decided by CLIENT/Registrar - BVB in due consultation with contractor but the decision of the Client shall be final and binding. The cost of the same shall be borne by the contractor and nothing extra shall be paid on this account.

55.0 CLIENT'S MANUALS FOR EQUIPMENT / MACHINERY

55.1 General

- 55.1.1 The Contractor shall submit originals and three (3) copies of operation, programming and maintenance manuals.
- 55.1.2 During the guarantee period contractor shall update manuals with modifications made to the system and provide replacement pages or supplements in quantity stated above.
- 55.1.3 Assemble Clients' manuals into multi-volume sets as necessary and required by the Client.
- 55.1.4 Each volume shall have plastic printed dividers between major sections and shall have oversized binders to accommodate up to 20mm thick set of additional information.
- 55.1.5 The first page of each manual shall identify with project name, Management Contractor's name, address and service phone number and person who prepared manual.
- 55.1.6 Operating Manual to serve as training and reference manual for all aspects of day-to-day operation of the system.
- 55.1.7 Sequence of operations for normal and abnormal operating modes. Description of manual override operation of equipment under emergency conditions.
- 55.1.8 System manufacturer's complete operating manuals.
- 55.1.9 Maintenance Manual to serve as training and reference manual for all aspects of day-to-day maintenance and major system repairs. As a minimum include the following:
 - 55.1.9.1 Complete as built installation drawings for each system.
 - 55.1.9.2 Overall system electrical power supply scheme indicating source of electrical power of each system component. Indicate which components are on emergency power and indicate all battery backup provisions.
 - 55.1.9.3 Overall system shielding and grounding scheme indicating all major components and ground paths.
 - 55.1.9.4 Drawings showing installation details and locations of equipment.
 - 55.1.9.5 Routine preventive maintenance procedures, corrective diagnostic troubles shooting procedures, and calibration procedures.

SIGNATURE OF TENDERER

DATE :

Seal

APPENDIX

SUMMARY OF SALIENT ASPECTS

01.	Validity of offer	:	90 days
02.	Defects Liability period	:	12 months from the date of handing over.
03.	Award of Tender	:	23 rd June 2025
03.	Date of Commencement	:	1 st July 2025
04.	Earnest Money Deposit	:	2% of the estimated project cost
05.	Minimum value of work Interim Certificate	:	Min 5 Lacs
06.	Security Deposit	:	5% of running bills up to the final bill amount held for 12 months under DLP.
07.	Period for Honoring of Certificates	:	15 days from submission of Bills
08.	Rate of interest for delayed Payment	:	Nil
10.	Submission of final bill	:	Within 30 days from the date of virtual completion.
11.	Mobilization advance	:	10% of the contract value against Bank Guarantee
12.	Period of Completion	:	90 Days
13.	Penalty	:	1 % per week to maximum of 10% of the contract value.

DATE :

PLACE :

SIGNATURE OF TENDERER
Seal

Format 1

Format 1- Particulars of Key Personnel

S no.	Designation of Key Personnel	Name	Educational Qualification	Length of Professional Experience	Present Employment		No. of Eligible Assignments
					Name of Firm	Employed Since	
1							

Format 2

FORMAT- 2

Experience of Key Personnel-@
Name of Key Personnel: _____ **Designation:** _____

S.No	Name of Project*	Name of Client	Estimated capital cost of project (in Rs cr.)	Name of firm for which the Key Personnel worked	Designation of the Key Personnel on the project	Date of completion of project assignment	Mandays spent
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1							
2							
3							
4							
5							
6							
7							
9							
10							

@ Use separate Form for each Key Personnel.

* The names and chronology of projects included here should conform to the project-wise details submitted in Format 3.

Note: The bidder may attach separate sheets to provide brief particulars of other relevant experience of the Key Personnel.

Format 3

FORMAT- 3

Format of Curriculum Vitae (CV) of Key Personnel

1. Proposed Position:
2. Name of Personnel:
3. Date of Birth:
4. Nationality:
5. Educational Qualification:
6. Employment Record:

(Starting with present position, list in reverse order, every employment held.)

7. List of projects on which the Personnel has worked

Project Name	Description of responsibilities

8. Details of the current assignment and the time duration for which services are required for the current assignment.

Certification:

1. I am willing to work on the Project and I will be available for entire duration of the Project assignment as required.
2. I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications and my experience.

(Signature and name of the Key Personnel)

Place:

(Signature and name of the authorized signatory of the Bidder)

Notes:

1. Use separate form for each Key Personnel
2. The names and chronology of assignments included here should conform to the project-wise details submitted in Format 2.
3. Each page of the CV shall be signed in ink and dated by both the Personnel concerned and by the Authorized Representative of the Participant firm along with the seal of the firm. Only true copies will be considered for evaluation.

Format 4

FORMAT- 4

Experience of the Contractor#

S.No	Name of Project	Name of Client	Estimated/Executed capital cost of Project (in Rs cr.)	Payment## received by the Bidder (in Rs Cr)
(1)	(2)	(3)	(4)	(5)
1				
2				
3				
4				
5				
6				
7				

The Participant should provide details of only those projects that have been undertaken by it under its own name.

* The names and chronology of Eligible Projects included here should conform to the project-wise details submitted in

Certificate from the Statutory Auditors

This is to certify that the information contained above is correct as per the accounts of the Participant and/ or the clients.

Name of the audit firm:

Seal of the audit firm

Date:

(Signature, name and designation of the authorized signatory)

\$In case the Bidder does not have a statutory auditor, it shall provide the certificate from its chartered accountant that ordinarily audits the annual accounts of the Participant.

Note: The Participant may attach separate sheets to provide brief particulars of other relevant experience of the Bidder.

Format 5

FORMAT- 5

**Eligible Assignments of Contractors for Similar Projects
(refer Conditions of Eligibility in the NIT)**

Name of Bidder:	
Name of the Project:	
Description of services performed by the firm:	
Name of client and Address: (Indicate whether public or private entity)	
Name, telephone no. and fax no. of client's representative:	
Estimated capital cost (in Rs cr.):	
Area (Total Built up Area):	
Payment received by the Bidder (in Rs. Cr):	
Start date and finish date of the services (month/ year):	
Brief description of the project:	

Notes:

1. Use separate sheet for each Eligible Project.
2. The Bidder may attach separate sheets to provide brief particulars of other relevant experience of the Bidder for similar Projects.

Format 7

FORMAT- 7

Tentative Work Program (To be mentioned from the date of signing of agreement)

Name of Building:

S. No.	Activities	Weeks	Week Numbers-Start/End Date																			
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	44
1																						
2																						
3																						
4																						
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Use separate sheet for each Building/Project.

**SUMMARY SHEET OF CIVIL AND ELECTRICAL WORKS
FOR LIFT INSTALLATION AT BVB**

BVB LIFTS - SUMMARY OF ESTIMATES - CIVIL + ELECTRICAL WORKS AS PER DSR 2023

S.No	Work Specification	Scheduled Items	Non-Scheduled Items	Total
1	Civil and Interior Works (Including GST)	1648236.253	196709.8	1844946.053
2	Electrical Works (Including GST)	186424	0	186424
A	TOTAL COST	1834660.253	196709.8	2031370.053
TOTAL				2031370.053

	Percentage Up/Down to be quoted by Contractor			
	Numerical Value of the Offer			
	Net Price quoted by the Contractor			

FINAL QUOTED PRICE	
---------------------------	--

Seal and Signature

ESTIMATE OF CIVIL WORKS FOR INSTALLATION OF LIFTS AT BHARATIYA VIDYA BHAVAN

S.No	DSR 2018/NS ITEM NO.	DESCRIPTION	Qty			UNIT	RATE	AMOUNT (RS.)
			HAATHI SADAN	MEHTA SADAN	COMBINED (HAATHI + MEHTA)			
SH : 02 Earth Work								
	2.8.1	All kinds of soil.						
2	2.25	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	14.74	0	14.74	Cum	260.30	3836.82
	2.35.3.1	With bayer premise anti termite solution of 1:499 concentration	4.74	1.2	5.94	Cum	196.00	1164.24
		Total of Earth Work =	14.36	17.28	31.64	Sqm	310.06	9810.14
								14811.20
SH : 04 Cement Concrete Work								
5	4.1	Providing and laying in position plain cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level:						
	4.1.8	1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	1.24	0.75	1.99	Cum	6812.00	13555.88
		Total of Cement Concrete Work =						13555.88
SH : 05 Reinforced Cement Concrete								
6	5.33	providing and laying in position ready mixed or site batched design mix cement concrete for reinforced cement concrete work; using coarse aggregate and fine aggregate derived from natural sources and using recycled concrete aggregate (rcA) as coarse aggregate and fine aggregate within permissible utilization of 20% each, Portland Pozzolana /Ordinary portland/portland Slag cement, admixtures in recommended proportions as per IS: 9103 to accelerate / retard setting of concrete, to improve durability and workability without impairing strength; including pumping of concrete to site of laying, curing, carriage for all leads; but excluding the cost of centering, shuttering, finishing and reinforcement as per direction of the engineer-in-charge; for the following grades of concrete.						
	5.33.1	All works upto plinth level						
	5.33.1.1	concrete of m25 grade with minimum cement content of 330 kg /cum	5.01	0.75	5.76	Cum	9504.75	54747.36
7	5.2.2	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :	6.99	3.14	10.13	Cum	10852.95	109940.38
8	5.3	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement.	3.44	3.45	6.89	Cum	11505.50	79272.90
9	5.9	Centering and shuttering including strutting, propping etc. and removal of form for :						
	5.9.1	Foundations, footings, bases of columns, etc. for mass concrete	5.04	0	5.04	Sqm	392.15	1976.44
	5.9.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	17.67	0	17.67	Sqm	842.50	14886.98
	5.9.3	Suspended floors, roofs, landings, balconies and access platform	1.36	5.33	6.69	Sqm	927.25	6203.30
	5.9.5	Lintels, beams, plinth beams, girders, bressumers and cantilevers	29.56	2.27	31.83	Sqm	736.40	23439.61
	5.9.6	Columns, Pillars, Piers, Abutments, Posts and Struts	83.51	3.14	86.65	Sqm	961.30	83296.65
STEEL REINFORCEMENT								
11	5.22A	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.						
	5.22A.6	Thermo-Mechanically Treated bars of grade Fe-500D or more.	1600.00	900	2500.00	Kg	107.85	269625.00
13	10.1	Steel ISMB : Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete. Providing and fixing 100 mm X 200 mm ISMB below the top slab of the lift well of 2178 mm length duly grouted in M20 grade concrete supported over brick work as per design and detail. The ISMB will be duly painted with primer and anti-rust coating and duly finished with black paint.	55.32	58.42	113.74	kg	117.35	13347.39
		Total of Reinforced Cement Concrete Work =						656736.00
SH : 06 Brick Work								
	6.26	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in exposed brick work including making horizontal and vertical grooves 10mm wide 12mm deep complete in cement mortar 1:6						
	6.26.2	Above plinth level upto floor V level	7.91	0.00	7.91	Cum	9439.75	74668.42
15	6.4	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level upto floor V level in all shapes and sizes in :						
	6.4.2	Cement mortar 1:6 (1 cement: 6 coarse sand)	0.00	15.37	15.37	Cum	9105.95	139958.45
		Total of Brick Work =						214626.87
SH : 08 Marble & Granite Work								

S.No	DSR 2018/NS ITEM NO.	DESCRIPTION	Qty			UNIT	RATE	AMOUNT (RS.)
18	8.2	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.						
	8.2.2	Granite of any colour and shade (Sample to be approved by the Architect)						
	8.2.2.2	Area of slab over 0.50 sqm	32.71	40.98	73.69	Sqm	5136.30	378493.95
		Extra for Machine finished Groove as per design					LS	35837.10
		Total of Marble & Granite Work =						414331.05
SH : 13 Finishing								
19	13.1	12 mm cement plaster of mix :						
	13.1.1	1:4 (1 cement: 4 fine sand)						
20	13.3	20 mm cement plaster of mix :	2.46	15.14	17.60	Sqm	347.05	6108.08
	13.3.1	1:4 (1 cement: 4 fine sand)						
		Extra for 1200 wide chicken wire mesh over beams	61.65	398.03	459.68	Sqm	471.35	216670.17
							LS	10000.00
22	13.46	Finishing walls with Acrylic Smooth exterior paint of required shade :						
	13.46.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)	0.00	187.19	187.19	Sqm	160.60	30062.71
23	13.80	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	0.00	187.19	187.19	Sqm	156.05	29211.00
	13.44	Finishing walls with water proofing cement paint of required shade :						
	13.44.1	New work (Two or more coats applied @ 3.84 kg/10 sqm)	64.11	225.98	290.09	Sqm	116.90	33911.52
		Total of Finishing Work =						325963.48
SH : 22 Water Proofing								
24	22.1	Providing and laying integral cement based treatment for water proofing on horizontal surface at all depth below ground level for under ground structures as directed by Engineer-in-Charge and consisting of : (i) 1st layer of 22 mm to 25 mm thick approved and specified rough stone slab over a 25 mm thick base of cement mortar 1:3 (1 cement : 3 coarse sand) including applying of twice (at base and top of mortar) cement slurry @ 2.2kg/m2 (each time) mixed with water proofing compound conforming to IS:2645 in the recommended proportion over the leveling course (leveling course to be paid separately). Joints sealed and grouted with cement slurry mixed with water proofing compound. (ii) 2nd layer of 25 mm thick cement mortar 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in recommended proportions. (iii) Finishing top with stone aggregate of 10 mm to 12 mm nominal size spreading @ 8 cum/sqm thoroughly embedded in the 2nd layer. 22.1.1 Using rough kota stone.	15.00	0	15.00	Sqm	1515.60	22734.00
25	22.23	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (Internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1046 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50 mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.						
	22.23.1	For vertical surface two coats @ 0.70 kg per sqm per coat	9.55	11.175	20.72	Sqm	472.90	9800.38
	22.23.2	For horizontal surface one coat @1.10 kg per sqm	4.90	6.90	11.80	Sqm	362.80	4281.04
		Total of Water Proofing Work =						36815.42
SH : 15 DEMOLITION WORKS								
26	15.7	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.						
	15.7.4	In cement mortar	1.96	1.95	3.91	Cum	2060.00	8054.60
	15.3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in charge.	0.00	0.78	0.78	Cum	3551.00	2769.78
	15.5	Extra for cutting reinforcement bars manually/ by mechanical means in R.C.C. or R.B. work (Payment shall be made on the cross sectional area of R.C.C. or R.B. work) as per direction of Engineer-in-charge.	0.00	2.26	2.26	Cum	1147.00	2592.22

S.No	DSR 2018/NS ITEM NO.	DESCRIPTION	Qty			UNIT	RATE	AMOUNT (RS.)
	15.17	Dismantling steel work in single sections including dismembering and stacking within 50 metres lead in:						
	15.17.2	Channels, angles, tees and flats	0.00	60.80	60.80	kg	2.30	139.84
	15.25	Dismantling stone slab flooring laid in cement mortar including stacking of serviceable material and disposal of unserviceable material within 50 metres lead.	0.00	13.80	13.80	sqm	266.45	3677.01
		Total Demolition Works						17233.45
NON SCHEDULE ITEM								
27	NS1	Fixed Window with Glass : Providing and fixing aluminum 1.5mm (15 Gauge) anodized / powder coated 60 to 70 micron of ekzonobel or equivalent fixed window using outer Euro group 40mm section Outer 40mm x 39mm. The ventilator shall be provided with complete accessories like Snap beading, EPDM rubber gaskets etc. All accessories shall be as per approved makes . The work shall be executed as per drawings to the satisfaction of Engineer-in Charge/Architects.The gaps will be filled by 3M expandable polystyrene Backer rod and finished with Silicon of approved make colour joints mitred and jointed. Fixed with Hilti/Fisher make anchor of appropriate length comprising of polyamide PA 6 grade sleeve and galvanized steel of 5.8 grade screw with countersunk head and fixing door/window frames thereof. 3 anchors on each leg of required size as per depth and screws or with fixing clips or with bolts and nuts as required including providing and fixing 10 mm thick toughened glass (Saint Gobainfloat glass) with snap fit aluminium beading and special PVC weather proof gasket lining and providing and fixing heavy quality extruded anodized (20-25 microns) / Powder coating (60 microns) aluminium fittings complete. (Net areas of various units to be measured) as per drawings. Any other hardware item will be installed after prior approval of Engineer-in-Charge/Architects. The Contractor will be required to prepare shop drawing and the work will only be executed after prior approval of drawing by the Architects						
		FG1 : Of Size 1.080 M X 3.120 M - 4 Nos.	13.47	0	13.47	Sqm	6210.00	83648.70
27		Smoke Window - Fixed Window with Louvers : Providing and fixing anodized Aluminum, top hung ventilator 450 mm X 450 mm, duly anodized to 30 microns, and shall be provided with Aluminum louvers and Stainless-Steel removable wire mesh assembly on the rear face of the ventilator shutter. The frame shall be 40 mm x 40 mm and the shutter size will be 40 mm x 25 mm with 12 mm thick Aluminum louvers inclined to 45 degrees. The window shall be provided with all the required hardware. Providing and fixing aluminum 1.5mm (15 Gauge) anodized / powder coated 60 to 70 micron of ekzonobel or equivalent fixed window using outer Euro group 40mm section Outer 40mm x 39mm. The ventilator shall be provided with complete accessories like Snap beading, EPDM rubber gaskets etc. All accessories shall be as per approved makes. The work shall be executed as per drawings to the satisfaction of Engineer-in Charge/Architects.The gaps will be filled by 3M expandable polystyrene Backer rod and finished with Silicon of approved make colour joints mitred and jointed. Fixed with Hilti/Fisher make anchor of appropriate length comprising of polyamide PA 6 grade sleeve and galvanized steel of 5.8 grade screw with countersunk head and fixing door/window frames thereof. 3 anchors on each leg of required size as per depth and screws or with fixing clips or with bolts and nuts as required including providing and fixing 6 mm thick plain float glass (Saint Gobainfloat glass) with snap fit aluminium beading and special PVC weather proof gasket lining and providing and fixing heavy quality extruded anodized (20-25 microns) / Powder coating (60 microns) aluminium fittings complete. (Net areas of various units to be measured) as per drawings. Any other hardware item will be installed after prior approval of Engineer-in-Charge/Architects. The Contractor will be required to prepare shop drawing and the work will only be executed after prior approval of drawing by the Architects	0.20	0.2025	0.41	Sqm	6000.00	2430.00
		Chemical Anchor Bolt & Rebaring : Introducing shear connectors & Rebaring for structural connections in RCC, including power drilling holes of appropriate diameters in concrete to a minimum depth as per structural drawings and as per manufacturer specification, fixing the reinforcement in position using Hilti chemical or equivalent (Rate shall include cost of labour, T & P for power drilling in concrete, epoxy cartridges, plastic nozzle etc complete including cleaning the drilled holes of loose dust by blowing air).						
28		HIT V M10X100 ANCHOR BOLT with FIS V or equivalent (With Anchor bolt) (Hilti HY 200 V3 Chemical)	15.00	15	30.00	No	339.00	10170.00
		HIT V M12X120 ANCHOR BOLT with FIS V or equivalent (With Anchor bolt) (Hilti HY 200 V3 Chemical)	16.00	16	32.00	No	375.00	12000.00
		HIT V M16X160 ANCHOR BOLT with FIS V or equivalent (With Anchor bolt) (Hilti HY 200 V3 Chemical)	34.00	38	72.00	No	592.00	42624.00
		Total						150872.70
		Grand Total (A)						1844946.05

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
1	CHAPTER 1 : CIRCUITING & POINT WIRING				
	General Notes:				
a.	The rates for point wiring for all the items shall include the following :				
i	<p>-For Lighting:</p> <p>-The Point Wiring rates shall include the wiring of light of any length from the distribution board to the light point via switch or sensor including required GI modular boxes for switches. (switch controlled lights)</p> <p>-The Point Wiring rates shall include the wiring of light of any length from the distribution board to the point. (DB controlled lights)</p> <p>- The rates includes conduit from distribution board to light point.</p> <p>- The cost of switch with modular polycarbonate cover plate for switch controlled lights is also included in the cost</p> <p>-For socket outlets:</p> <p>-The Point Wiring rates shall include the wiring for outlet of any length from the distribution board to the point including required GI modular boxes.</p> <p>- The rates includes conduit from distribution board to socket outlet point.</p> <p>- The cost of switch & socket with modular polycarbonate cover plate is also included in the cost.</p> <p>- All sockets to be checked with a Check Plug socket tester for live-neutral reverse, no earth,neutral fault, live earth reverse, neutral earth reverse</p>				
ii	Painting of junction boxes upto satisfaction of engineer incharge. The boxes shall be of same make as switches and sockets.				
iii	Embedding conduits and allied fittings in walls/floors/slabs etc. during construction and/or in chases including cutting chases and making good as necessary in the case of concealed conduit work.				
iv	After slab conduit opening GI fish wiring required.				
v	All accessories necessary to complete the wiring as specified.				
vi	Internal wiring between accessories.				
vii	The rate include supply and laying of wiring, conduit including all accessories i.e. clamps, nuts, bolts, bends, socket, junction Box, pull boxes,connector circuit ferrueling etc. fan hook, rod thickness and size should be as per IS.				
viii	Wherever flexible conduit are required GI flexible conduit of suitable size shall be used with checknut.				
ix	Minimum dia of conduit shall be 25mm unless otherwise specified. Conduiting may be concealed or surface mounted (Exposed) as the case may be.				
x	All sockets shall be provided with equivalent rating switches.				
b.	DBs to be provided and located in designated areas as shown in electrical drawings				

PROJECT - BVB

PACKAGE - ELECTRICAL WORKS

DETAILED ESTIMATE

S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
c.	All circuit & point wiring shall be colour coded & shall have ferruling on either end for circuit identification.				
d.	If PVC conduits is being used, it shall be of FRLS type. The exposed running conduit shall have minimum wall thickness of 2mm (Rigid heavy duty HMS type) and concealed running conduit shall have minimum wall thickness of 1.6mm (Rigid Medium duty MMS type) unless otherwise specified. OEM specified adhesive to be used for joining/ fixing of FRLS PVC conduits. The solvent must be used in between fixing of PVC conduit and accessories such as bend/ sockets etc.				
e.	Flexible conduits, where ever required, shall be of Corrugated pattern finished coloured PVC Coated (min 120gsm) Pre-Galvanized Steel (min Z120GSM) as per IS:3480 & BS:731-1 latest as on date and complete with couplers.				
f.	The outer surface of conduit including all bends, unions, tees, junction boxes etc. forming part of the conduit system shall be adequately protected mechanical impact during execution. Contractor shall be responsible for executing and handing over of undamaged conduiting system.				
g.	Where the conduits are to be laid along the trusses, steel joints etc. the same shall be secured by means of saddles or girder clips as required by the Engineer-in Charge. Where it is not possible to use these for fixing, suitable clamps with bolts and nuts shall be used.				
h.	The recessed Switches & Socket outlet GI boxes shall be of minimum 1.2mm thick for brick wall & partitions and 2.0mm thick for Mivan shuttering. The GI boxes shall be of the same make / manufacturer as of the switches & sockets. Local make boxes are not to be used.				
i.	Wiring terminations shall be made using proper sized copper thimbles/ lugs.				
j.	The rates shall include material & labour for any length of circuit (P+N+E) and point wiring (P+N+E), rigid and flexible conduiting, bends, junction boxes, pull boxes, screws, washers, check nuts, couplers, saddles, hangers supports, GI pull wire, civil work comprising chipping, cutting chases, fixing conduits & making good or surface clamping of conduit work as the case may be, modular switches, socket outlets, Electronic fan regulators surface or recessed outlet boxes as the case may be, ceiling rose, rigid and flexible conduit (PVC / GI / M.S.) as may be required, connectors and terminal blocks of proper rating etc. & sleeves etc. including lugs/ thimbles for terminations. Fan points wiring shall include switch as well as electronic speed regulator, and fan hook box with fan hook.				

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
k.	The internal layout may vary from tender drawing. If it is the case, no variation shall be payable for wire and conduit length increased in GFC drawing.				
l.	All the switch boxes, outlet and junction boxes shall be covered with Charcoal grey / Black Polycarbonate modular cover plate. (variation in color of modular plate and switch sockets shall be considered while quoting)				
m.	The dimesions given below are for reference. Actual may vary subject of selection of make and series.				
1.1	Supplying and fixing following modular switch / socket on existing modular plate and switch box including connections but excluding modular plate etc as required.				
1.1.1	6 amps switch (1 way)	Each	R.O.	115	-
1.1.2	6 amps switch (2 way)	Each	4	155	620
1.1.3	6/16 amp switch	Each	30	205	6,150
1.1.4	5 pin 5/6 amp shuttered socket outlet	Each	R.O.	230	-
1.1.5	3 pin 5/6 amp shuttered socket outlet	Each	R.O.	195	-
1.1.6	3 pin 6/16 amp shuttered socket outlet	Each	15	305	4,575
1.1.7	3 pin 25 amp socket outlet with SP MCB	Each	R.O.	2,250	-
1.1.8	Two module stepped type electronic fan regulator	Each	R.O.	350	-
1.1.9	Modular blanking plate	Each	R.O.	40	-
1.2	Supplying and fixing following Modular base & cover plate on existing modular metal boxes etc. as required.				
1.2.1	1 or 2 Module	Each	4	225	900
1.2.2	3 Module	Each	R.O.	250	-
1.2.3	4 Module	Each	15	300	4,500
1.2.4	6 Module	Each	R.O.	450	-
1.2.5	8 Module	Each	R.O.	550	-
1.2.6	12 Module	Each	R.O.	750	-
1.3	Supplying and fixing of following size modular 1.2mm thick recessed GI box for mentioned modular switches or sockets complete as required with all accessories and upto the satisfaction of engineer-in-charge.				
1.3.1	75 mm X 75 mm X 60 mm deep (1 or 2 Module)	Each	4	75	300
1.3.2	100 mm X 75 mm X 60 mm deep (3 Module)	Each	R.O.	75	-
1.3.3	125 mm X 75 mm X 60 mm deep (4 Module)	Each	15	110	1,650
1.3.4	200 mm X 75 mm X 60 mm deep (6 Module)	Each	R.O.	170	-
1.3.5	125 mm X 125 mm X 60 mm deep (8 Module)	Each	R.O.	200	-
1.3.6	200 mm X 150 mm X 40 mm deep (12 Module)	Each	R.O.	300	-
1.4	Supplying and fixing following weatherproof IP65, IK09 thermoplastic self-extinguishing modular box with flap to accommodate modular switches and sockets base & cover plate complete as required.				
1.4.1	1 or 2 Module	Each	R.O.	1,050	-
1.4.2	3 Module	Each	R.O.	1,150	-

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
1.4.3	4 Module	Each	R.O.	1,260	-
1.4.4	6 Module	Each	R.O.	2,125	-
1.5	Wiring for points/circuits/ submain alongwith earth wire including terminations on both ends with the following sizes of FRLS PVC insulated copper conductor, 1100 V grade, single core cable in existing surface/ recessed 1.6mm thick MS conduit as required.				-
1.5.1	2 x 1.5 sq.mm. + 1 x 1.5 sq.mm. earth wire.	Metre	R.O.	90	-
1.5.2	2 x 2.5 sq.mm. + 1 x 2.5 sq.mm. earth wire.	Metre	R.O.	145	-
1.5.3	2 x 4 sq.mm. + 1 x 4 sq.mm. earth wire	Metre	R.O.	210	-
1.5.4	6 sq.mm. earth wire green colour	Metre	40	55	2,200
1.5.5	4 x 4 sq.mm. + 2 x 4 sq.mm. earth wire.	Metre	R.O.	425	-
1.5.6	4 x 6 sq.mm. + 2 x 6 sq.mm. earth wire	Metre	R.O.	610	-
1.6	Supplying and fixing in position the following size MS conduits including all accessories, running exposed concealed in ceiling/wall/floor as required including 16 gauge M.S. junction or pull boxes with 3mm thick cover plate complete with 1.6 mm dia G.I. pull wires in the length of conduit complete as required and as per specifications or upto the satisfaction of engineer-in-charge.				-
1.6.1	25 mm dia	Metre	40	150	6,000
1.6.2	32 mm dia	Metre	R.O.	180	-
SUBTOTAL CARRIED OVER TO SUMMARY					26,895
3	CHAPTER 2 : EARTHING				
A.	Earthing				
2.1	Supply, installation, connections,testing & commissioning of 17.2 mm dia. rod of 3 meter length having copper bonding of 250 micron, along with 25 kg of maintenance free ground enhancing compound to achieve an earth resistance of less than 1 ohms with fused rod to tape clamp for interconnection of strip from earth pit to equipment. Provide masonry chamber with concrete base, CI man-hole cover (cover to be heavy duty) with frame (300mm x 300mm) and make earth pit sign/ identification no in each earth station	Each	4	8,500	34,000
2.2	Supply, installation, connections,testing & commissioning of 25.0 mm dia. rod of 3 meter length having copper bonding of 250 micron, along with 25 kg of maintenance free ground enhancing compound to achieve an earth resistance of less than 1 ohms with fused rod to tape clamp for interconnection of strip from earth pit to equipment. Provide masonry chamber with concrete base, CI man-hole cover (cover to be heavy duty) with frame (300mm x 300mm) and make earth pit sign/ identification no in each earth station	Each	R.O.	10,500	-

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
2.3	Supply ,installation,testing and commissioning of earth pits comprising 600 x 600 x 3.15 mm. thick Copper electrode, 20 mm. dia medium class GI pipe, GI funnel with 20 gauge GI wire mesh, masonry chamber with concrete base, Heavy Duty CI manhole cover with frame (450 mm. x 450 mm.) painted with bitumastic paint, test link joint and packing the mixture of Charcoal and salt around plate electrode complete as required ,as per specifications and as per IS: 3043	Each	R.O.	17,100	-
2.4	Supply & Laying of following Tinned copper earth wire/earth strip, GI earth wire/strip fixed on wall/side of trench/slab /column /beam/ shaft, connection to panel/DBs/SFU's etc. with 5mm thick GI Spacers & 2mm thick GI Saddle including connection/termination with suitable GI/Cu. thimble & nut bolts etc as required to do the job in all respect in accordance with laid specification, drawing or upto the satisfaction of engineer in charge.				
2.4.1	50x6 mm G.I. Strip	Metre	R.O.	323	-
2.4.2	25x6 mm G.I. Strip	Metre	R.O.	161	-
2.4.3	25x3 mm G.I. Strip	Metre	R.O.	92	-
2.4.4	75x6 mm Cu. Strip (PVC insulated heat shrinkable sleeves)	Metre	R.O.	4,391	-
2.4.5	50x6 mm Cu. Strip (PVC insulated heat shrinkable sleeves)	Metre	R.O.	2,593	-
2.4.6	25x6 mm Cu. Strip (PVC insulated heat shrinkable sleeves)	Metre	R.O.	1,530	-
2.4.7	25x3 mm Cu. Strip (PVC insulated heat shrinkable sleeves)	Metre	R.O.	771	-
2.4.8	8 swg GI wire	Metre	R.O.	18	-
2.4.9	8 swg Cu. wire	Metre	160	137	21,920
2.5	Supply, installation, testing and commissioning of sheet metal enclosed 500 x 200 x 150 (D) mm insulated earth distribution board with 1 nos. 25 x 6 mm tinned copper earth bars on SMC insulator suitable for 6 nos connections complete with all fixing accessories with a glass cover etc as required to do the job in all respect in accordance with laid specification, drawing or upto the satisfaction of engineer in charge.	Each	R.O.	4,617	-
SUBTOTAL CARRIED OVER TO SUMMARY					55,920
3	CHAPTER 3 : DISTRIBUTION BOARD				

PROJECT - BVB

PACKAGE - ELECTRICAL WORKS

DETAILED ESTIMATE

S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
3.1	Supply, Installation, Testing and Commissioning of following three phase and neutral (TPN), MS powder coated with thickness minimum 18 gauge, horizontal , double door (IP 43), recessed/surface mounting type, MCB distribution boards as per specifications. The distribution boards shall have protection against mechanical impact index of minimum IK08. Supplier should provide the testing certificate for Ingress protection and mechanical impact tested at third party location. outer door shall be hinged type, inner door shall be fixed up with screws with cut-outs for MCB operation, copper busbar of at least 1.5 times the rating of incomer MCB, along with din bars, neutral bars, earth bars, lockable door arrangement including all internal connections as required. The board shall have adequate space for termination of incoming and outgoing cables, and also a separate space with proper partition of same material and thickness as specified for distribution board, removable un drilled top & bottom gland plates, should be suitable for recessed mounted or wall/ column mounting type B.				
	Note: 1. Separate neutral bars to be provided for each phase. 2. Dedicated earth busbar isolated from body inside UPS DBs to be provided.				
3.1.1	Supply Installation testing & Commissioning of 12 way SPN DB double door with following rating: RCBO A type 25amp30ma 2pole MCB B type1 6amp 4pole Near meter MCB 32amp2pole MCB 63amp 4pole	Each	2	8,500	17,000
SUBTOTAL CARRIED OVER TO SUMMARY					17,000
4	CHAPTER 4 : LIGHTING FIXTURES				
	Notes:				
a	The fixtures shall be suitable for single phase, 50 cycles, 230 Volts, A.C. supply system.				
b	All fixtures shall be factory wired with copper conductor wires.				
c	All fixtures shall be supplied with Drivers, lamps/bulbs, as specified.				
d	The rate shall be quoted for the Catalogue no. specified for the fixture however if contractor wants to supply equivalent then sample shall have to be got approved from Architect before procurement.				
e	All the samples shall be submitted within two weeks of the issue of work order, for approval from the Architect.				
f	Any loss & damage during transportation shall be in scope of Electrical Contractor till final testing & commissioning.				

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
g	The Lighting Fixture supplier will be responsible for ensuring that lighting fixture is fixed properly by the Contractor as per their requirement.				
h	The rates for fixing of lighting fixtures shall include all fixing accessories that are required to make the installation complete in all respects including the following :-				
i	Providing connecting wires and channel support wherever required.				
ii	Internal wiring between accessories.				
iii	Self interlocking connector blocks for connecting the wires from fixtures to the points.				
iv	Earthing of fixtures with PVC insulated copper conductor FR wire.				
v	Approved colour powder coated down rods, clamps and other components and fixing accessories wherever required.				
vi	Testing of fixtures before Installation.				
vii	Identification tags with a distance not more 3 meters to be used for circuit identification				
4.1	Receiving, fixing in position, effecting proper connections, testing and commissioning of following type LED fixtures Note: Contractor shall study RCPs and quote accordingly				
4.1.1	Supply, installation testing and commissioning of 10W Bulk Head Luminaire delivering an initial system lumen of 700 lumens & the luminaire shall be with system efficacy $\geq 70 \text{ lm / W}$. Housing: Die Cast Aluminum. IP65 , Diffuser : OPAL Polycarbonate. The operating CCT shall be 5700K with CRI of ≥ 70 . The luminaire shall be with BIS Registered electronic driver with input voltage range of 150 to 270V , THD $\leq 10\%$ & PF ≥ 0.95 , 50,000 Hrs LED Life with L70 Criteria. The LED Driver shall be easily available in India for repair and service. The LED shall be SMD type. Luminaire shall have minimum surge protection of 2KV .	Each	R.O.	1,400	-
4.1.2	Supplying installation testing & commissioning of 4ft 20W Linear LED batten delivering an initial system lumen of 2000 lumen . The luminaire Housing shall be made of Polycarbonate high transmissivity co-extruded diffuser .The operating CCT shall be 5700K with CRI of ≥ 80 . The luminaire shall be with BIS Registered electronic driver with input voltage range of 150 to 265V , THD $\leq 10\%$ & PF ≥ 0.95 , 50,000 Hrs LED Life with L70 Criteria, IP65 . The LED Driver shall be easily available in India for repair and service. The LED shall be SMD type. Luminaire shall have minimum surge protection of 2KV .	Each	17	2,905	49,385
SUBTOTAL CARRIED OVER TO SUMMARY					49,385
5	CHAPTER 5 : LT CABLES AND TERMINATION				

PROJECT - BVB					
PACKAGE - ELECTRICAL WORKS					
DETAILED ESTIMATE					
S. NO.	DESCRIPTION	UNIT	QUANTITY	UNIT RATE	AMOUNT
5.1	Supplying, unloading, storing, laying, testing and commissioning of following sizes of 1.1 kV grade XLPE insulated Heavy duty, Copper conductor armoured cables suitable for working voltage upto and including 1100 Volts, laid and tied on existing overhead cable trays including providing MS supports and clamps for fixing to supports in an approved manner, costing of fire retardant sealant has been considered elsewhere in the tender for crossing through shafts, openings etc where required complete as required and as per specifications. Circuit identification tag should be attached with the concerned cable alongwith the test report of following sizes of cable to be submitted by the contractor at the time of delivery of material at site.				
5.1.1	4C X 16 Sqmm copper conductor wire armoured	Metre	R.O.	987	-
5.1.2	4C X 10 Sqmm copper conductor wire armoured	Metre	R.O.	673	-
5.1.3	4C X 6 Sqmm copper conductor wire armoured	Metre	R.O.	452	-
5.1.4	4C X 4 Sqmm copper conductor wire armoured	Metre	R.O.	311	-
5.1.5	4C X 2.5 Sqmm copper conductor wire armoured	Metre	60	220	13,200
5.1.6	3C X 16 Sqmm copper conductor wire armoured	Metre	R.O.	854	-
5.1.7	3C X 10 Sqmm copper conductor wire armoured	Metre	R.O.	534	-
5.1.8	3C X 6 Sqmm copper conductor wire armoured	Metre	R.O.	335	-
5.1.9	3C X 4 Sqmm copper conductor wire armoured	Metre	R.O.	241	-
5.1.10	3C X 2.5 Sqmm copper conductor wire armoured	Metre	60	200	12,000
5.1.11	2C X 6 Sqmm copper conductor wire armoured	Metre	R.O.	249	-
5.2	Supplying and making end termination with Single compression brass gland and lugs for following size of XLPE insulated and PVC sheathed copper armoured conductor cable of 1.1 KV grade of the following sizes as required. The cost shall include the cost of crimping and all tools and accessories required to complete the job in full respect. Note : cu lugs shall be used for copper cable and PG Threaded Nylon Flexible cable glands to be used for earthing/flexible cables for termination in earth box.				
5.2.1	4C X 16 Sqmm copper conductor wire armoured	Each	R.O.	447	-
5.2.2	4C X 10 Sqmm copper conductor wire armoured	Each	R.O.	403	-
5.2.3	4C X 6 Sqmm copper conductor wire armoured	Each	R.O.	384	-
5.2.4	4C X 4 Sqmm copper conductor wire armoured	Each	R.O.	243	-
5.2.5	4C X 2.5 Sqmm copper conductor wire armoured	Each	6	180	1,080
5.2.6	3C X 16 Sqmm copper conductor wire armoured	Each	R.O.	460	-
5.2.7	3C X 10 Sqmm copper conductor wire armoured	Each	R.O.	288	-
5.2.8	3C X 6 Sqmm copper conductor wire armoured	Each	R.O.	275	-
5.2.9	3C X 4 Sqmm copper conductor wire armoured	Each	R.O.	263	-
5.2.10	3C X 2.5 Sqmm copper conductor wire armoured	Each	64	171	10,944
5.2.11	2C X 6 Sqmm copper conductor wire armoured	Each	R.O.	192	-
SUBTOTAL CARRIED OVER TO SUMMARY					37,224

ANNEXURE-III

SCHEDULE OF APPROVED BRAND NAME

All material specified in the schedule of quantities specifications and conditions of contract must conform to the following brand names and be of first quality. Samples of all materials to be used must be submitted and got approved before actual procurement. The selection is required to be considered in ascending order .i.e first to last.

A. CIVIL & INTERIOR WORKS

S. No.	Material Description	Brand/Trade Name
1.	Ordinary Portlant Cement	Ultra Tech, ACC, L&T
2.	Steel Reinforcement Bars	TISCO, SAIL, Jindal
3.	Structural Steel	TISCO, SAIL, Jindal
4.	Structural Steel Sections	TISCO, SAIL, Jindal
5.	Stone Aggregate (Blue/Black)	Sohna, Pali or other approved
6.	Anti Termite Treatment	Bayer
7.	Water proof Shuttering	Merino, Century, Green, Duro
8.	Teak Wood	1st Class Indian Teak wood of Dandeli
9.	Rubberwood/ SteamBeach Wood/Specified Wood	As per specie and sourcing country
10.	Flush Doors (ISI)	Merino, Alstone, Shakti Metdoor, Duro
11.	Laminates	Merino, Greenlam, Century
12.	Laminate-Acid Resistant	Merino, Greenlam, Century
13.	Laminate Anti Bacterial	Merino, Greenlam, Century
14.	High Gloss-PU+MDF Panel	Merino, Dupont, Samsung
15.	HDF Boards	Green, Century, Merino
16.	Prelam HDHMR Boards	Merino, Action Tesa, Green, Century
17.	Prelam Acrylic HDHMR Boards	Merino, Action Tesa, Green
18.	Prelam Factory finished HDHMR Door (32-upto35 mm)	Merino, Greenlam, Action Tesa
19.	HPL	Alstone, Merino, Fundermax
20.	Toilet Cubicles	Merino, Action Tesa, Greenlam
21.	Hardware	Hettich Haffle, Geze, Dorma, AssaAbloy
22.	M.S. Fittings (ISI)	Raja, Sartaj, Nova, AssaAbloy
23.	Pressed Steed Frame /Molded Steel (Door & windows)	AGEW (Abmedabad), Raumus, Shiva, NCL Ltd, (Hyd.)
24.	Rolling shutters	Rama Industries, Prakash & Co., Jyoti Industries
25.	Steel Doors/Windows (Sections)	Maan, Mahabir
26.	Factory Finished Doors-Hot-pressed	Merino, Green, Duro
27.	Door Frames -WPC	Alstone, Floresta, Akore Plast India
28.	Paints	ICI, Asian, Berger, Nerolac
29.	Water proof paint	Apex (Asian), ICI-Weather shield, Super Snowcem
30.	Locks	Hettich, Geze, AssaAbloy
31.	Terrazzo tiles	Kajaria, Somany Orient
32.	Ceramic/Vitrified tiles	Kajaria, Somany Orient
33.	Wooden Floor	Armstrong, BVG, Polyfloor
34.	Carpet	Ege, Alladin, CCIL
35.	White Cement	Birla, JK Cements
36.	PVC fixtures	PrayagIndia, Caliplast, Brite, Fizopan.
37.	Aerated autoclaved Concrete	BILT. (New Delhi)
38.	Waterproofing	Dr. Fixit, Texa, Seiko
39.	Fastners/Anchors /Firestops	Hilti, Fischer
40.	Building Chemicals/ Admixtures	Hilti, Fosroc, Basf
41.	Silicon Sealants	Dow Corning, GE
42.	VHB Tape/Expandable Polystyrene	3M, GE
43.	Glass and Mirror	Saint Gobain, Guardian, Asahi
44.	Aluminum Extruded Sections Euro Groove Profile-14 guage (2mm)	Agarvanshi, Boruka, Jindal, HINDALCO
45.	Polycarbonate	GE (Lexan), Danpalon
46.	Door / Window Fittings (SS 304/316 grade)	Hettich, Haffle, Geze, Dorma
47.	Hardware Heavy Duty Applications (Door Closer / Floor Spring / Auto Door)	Dorma, Hettich, Geze, Briton
48.	Hardware & Fittings	Hettich, Haffle, Dorma, Geze,



- | | |
|--|---|
| 49. Tile Adhesives | Weber, Lafarge, Keisel |
| 50. Lifts | Otis, Kone, Schildler, Mitsubishi |
| 51. Expansion joint covers | CS, Inpro |
| 52. SS Railings -304/316 Grade(Knock Down System) | CAS Metal, Rinox, Kich |
| 53. Rebar | Hilti, Fischer, Fosroc |
| 54. ACP | Alucobond, Reynobond, Alstone |
| 55. Glass | Saint Gobain, Guardian, Glaverbel, |
| 56. Glass Plain- Sheet | Saint Gobain, Guardian, HNG, Asahi |
| 57. Mirror | Saint Gobain, Guardian, HNG |
| 58. Pavers/Interlocking Tiles | Pave Espania, Ecovision, Nitco |
| 59. Fire Doors | Shakti Met-Dor, Navair, GMP Technical |
| 60. Cubical partitions | Merino-Besco, Action Tesa, Green |
| 61. False Ceiling-Gypsum | Gyproc, Lafarge, Knauf Danoline |
| 62. False Ceiling-Grid Tiles | Ecophone, Armstrong, Anutone |
| 63. False Ceiling -Metal(Aluminum) | Armstrong, Gyproc-SG, Anutone, |
| 64. False Ceiling-Anti Bacterial(Al) | Armstrong, Gyproc, Knauf Danoline |
| 65. Acoustic Panels -Gypsum | Gyproc-SG, Anutone, Knauf Danoline |
| 66. Acoustic Panels-Sound Soak | Gyproc-SG, Armstrong, Anutone, Permaphone |
| 67. Acoustical Panels/Slats | Anutone, Armstrong, Saint Gobain |
| 68. Wall Panelling-Acoustics | Anutone, Armstrong, Gyproc-SG, Eomac, |
| 69. Exterior Cladding-HPL | Fundermax, Merino, Trespa, Alstone |
| 70. Exterior Al.Louvers, Grills, Building Skin | Fameline, Metalica |
| 71. Flooring-Anti Bacterial | Armstrong, Grabo, Polyflor |
| 72. Flooring -Anti static | Armstrong, Grabo, Polyfor |
| 73. Blinds-Blackout, Roller, Wodden. Vertical/Horizontal | MAC, Hunter Douglas, Vista |
| 74. Curtain Rods and Channels | MAC, Hunter Douglas, Vista |
| 75. Trac Curtains-Hospitals | Inpro, Knauf Danoline |
| 76. Signage | Promoflex, Kich, Primesite |
| 77. Insulation - Expended Polystyrene
Glasswool Board | Owens Corning |
| 78. Acrylic Solid Surface | Saint Gobain, Owens Corning, Kimko |
| 79. Furniture | Dupont-Corian, LG -HiMacs, Marino -Hanex |
| 80. Fire /Acoustic Door | Godrej, Wipro, BP Ergo, Amardeep, Featherlite |
| 81. Zinc Roofing/Wall Cladding | Navair, Shakti Met Door, GMP Technical |
| 82. Wood Edge Band | Vm-Zinc |
| 83. Fire Stop Sealant | Rehau |
| 84. Structural Sealant | Hilti/ Bosch |
| 85. Aluminum Façade Systems | GE, 3M, Dow coming |
| 86. Aliminum Hardware | Tostem, Shuco, |
| 87. WPC Façade Systems | Giesse, Dorma |
| | Alstone, Perscape, Alwad |

B.LIST OF APPROVED MAKES OF EQUIPMENT - ELECTRICAL INTERNAL AND EXTERNAL

S.NO	DESCRIPTION	MAKE
1.	LT Panels	Advance, Ambit, RST, Dynamic, Pieco, NEC, Amptech
2.	MCB Distribution Boards	L&T, MDS, Havells, Legrand
3.	Potential Transformers	ECS, Pragati, AE,
4.	Master trip/Aux. Relay	Schnieder, ABB
5.	Lt Switch gears-Air Circuit Breakers(ACB)	ABB(Emax PR122), Schneider-Masterpact-NW-Micrologic 6 Release/ L&T-Omega
6.	Moulded case Circuit Breaker-MCCB NSX+ML6-/	ABB-Tmax +PR222, Schneider-Masterpact-L&T-D Sine
7.	Surge Arrestor	Dehn, Obo Bettermann, ABB-Furse
8.	Miniature Circuit Breaker	Merlin Gerin/ L&T
9.	Protective Relay Communication	Schnieder, ABB
10.	Contactors and starters	Merlin Gerin/Siemens/L&T/ABB/Schneider
11.	Voltage Transformer	AE/Kappa.
12.	Current Transformer	AE/Kappa, ECS



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 REGD. OFFICE: 10, BHOJWA FLAT, ANNI PLAZA, VASHTI, GHAZIABAD-201010
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13.	Push Buttons	Schnieder, Siemens, L&T, ABB
14.	LT XLPE Cables	Havells, Polycab,KEI
15.	Isolators	Schnieder, Mitsubishi, Havells
16.	Distribution Boards	Schnieder, Mitsubishi, Havells
17.	Earthing	AmperePro, AlliedPower, Jeff Techno
18.	Indicating lamps	Siemens/L&T/BCH
19.	Fuses and fuse bases	Siemens/L&T
20.	KWH Meters	Neptune/L&T
21.	Selector switches and rotary switches	Schnieder, ABB, L&T
22.	Indicating Instruments	AE/Rishabh
23.	Terminal Block	Elmex, Connectwell
24.	Crimping type lugs	Dowells, Comet,MCI
25.	Cable Glands(Single/Double Compression)	Dowells, Comet,MCI
26.	Cable Trays/Raceways/& Accessories	MEM, Steelways, SPC
27.	Relays	ALSTOM/ Easun & Reyrolle /ABB/L&T
28.	Fuses and fuse bases	L&T/Siemens
29.	Cables	Universal/Gloster/KEI/Polycab/Havells
30.	Capacitors	Siemens/L&T
31.	HT breaker	Alstom/Crompton/Kirloskar
32.	Transformers	Crompton/Kirloskar/ Voltamp / Powerware (SAI)
33.	Battery	Exide/Amaron/Standard
34.	Battery charger	Volstat /AE
35.	HT cable sealing kits	3M/ Raychem/Mseal
36.	Exit Signs	Prolite, Legrand
37.	Lighting Fixtures	Jaquar, Wipro, Phillips
38.	Fans (Ceiling/Wall Mounted)	Crompton, Havells, Bajaj
39.	Geysers	Jaquar, Havells, AO Smith
40.	Electric wire copper as per ISI-FRLS	Finolex/Skytone/RR/Havells/KEI
41.	Switches/Boxes	North West/MK with Cover Plate ./Havells/ABB
42.	MCB,RCCB,DB	Schneider, ABB, Legrand /MDS/Havells.
43.	Electrical Pipes-PVC Conduits	AKG, BEC, Precision
44.	MS Pipes/ Conduit	TATA, Jindal Hissar, BEC, Precision, RMCON
45.	HDPE Pipes/Flexible	Duraline, Blue Diamond, Pioneer
46.	GI Flexible Conduit	BEC, Precision, RMCON
47.	Industrial Sockets	Schnieder, Mennekes
48.	DG Sets	Jackson, Sudhir, Krioloskar, Caterpillar
49.	UPS	Schneider, APC, Vertiv,
50.	Meters	Trinity, Rishabh
51.	R,Y,B indication lamp	Technik, Vaishno, Esbee
52.	Timers	Schneider, ABB, L&T
53.	Anchor Fastener	Hilti, Fisher
54.	Lighting Protection System	Ampere Pro, Allied Power, Jeff Techno
55.	Unitized Substation	

Note: The contractor shall clearly mention, while bidding, the make of equipment offered by him from the List of approved makes.

C. LIST OF APPROVED MAKES-PLUMBING AND FIRE FIGHTING

<u>Sr. No.</u>	<u>Name of Item</u>	<u>Make Approved</u>
1.	Sunken Portion Treatment	SJP, MBT
2.	Sanitary ware	Jaquar, Kohler, Duravit
3.	Seat Covers	Commander (heavy duty)
4.	C.P.Fittings& bathroom accessories	Jaquar, Kohler, Grohe
5.	Stainless Steel Sink	Prestige, AMC, Nirali
6.	G. I. Pipes& Fittings	Tata, Jindal (Hissar)



7.	G. I. Fittings	Unik, R brand, Zolot 'M', Kent Hexagonal
8.	Ball Valve	Advance, Honeywell, Zoloto
9.	Butterfly valves	Advance, Honeywell, Zoloto
10.	Non return valve : a) G.M.	Advance, Zoloto, Honeywell
	b) C. I.	Advance, IVC
11.	CI Pipes/fittings (I.S: 3989-1984)	Neco, Saint Gobain, SKF
12.	C.I Manhole Cover (IS: 1726-1991)	Neco/RIF/BC
13.	C.I. Grating	Neco/RIF/B.C
14.	CI pipes 'Class LA'	Kesoram /Electro Steel
15.	Stoneware pipes/traps	Perfect/Burn/ Anand
16.	UPVC pipe fittings	Kitec Supreme/ Finolex
17.	Insulation	Owensand Corning /Lloyd's India Ltd./Vidoflex /K-Flex
18.	SFRC Manhole Cover/Grating	K.K.Manhole /S.K. Precast Concrete
19.	Water Flow meter	Krohn, Rockwin, Watta
20.	R.C.C Pipe	Jain Spun Pipe/Pragati
21.	Automatic Flushing Cistern	Angash International/AOS
22.	Water Supply Pumps	Grundfos / Crompton/ KSB, Kirloskar
23.	Sump Pumps	Grundfos / Crompton / KSB, Kirloskar
24.	Motor	Siemens/Crompton/NGEF/Kirloskar
25.	Filter	Thermax/Ion-Exchange/Purge
26.	Dosing Pump	Asia LMI
27.	Dosing Tank	Sintex / Roto Plast
28.	Pressure Gauges	Fiebig / H-Guru
29.	Level Controller	Minilec/Femac/Textronics
30.	Strainers	Emerald/Zoloto/D S Engineers
31.	Air Vent Valve	Oven trop (Germany)/RB/Sant
32.	Flanges	Able 'H'/Class 150/Rohini
33.	Ball Cock	GPA, Sant, L&K
34.	Gun Metal Ball/ Gate Valves	Leader, Sant, Advance, Zoloto
35.	Fire Extinguishers ISI Marked	Cease Fire / MINIMAX, Safeguard
36.	Fire Fighting First Aid hose reel	Padmini, Kesara Plast
37.	R.R.L. Hose	Newage, Padmini, KesarPlast.
38.	Hose coupling Branch Pipe & Nozzle	Minimax, New age, Padmini



39	Landing Valves IS: 5290 / FB Connection Draw Act	Minimax, Newage, Safeguard
40	Water Supply Hydropneumatics System	Grundfos, DP Holland, Salmson
41	Fire Pump	Grundfos , KSB, Kirloskar, Lubi
42	M.S pipes	TATA, Jindal Hissar
43.	Pressure Switch	Indfoss / Danfoss
44.	Flaw Switch	System Sensor/ Rapid Control
45.	Pypcoat	IWL / Pypkote
46.	Anunciation Panel	Daksh/ Agni/ ASE
47.	I.C.V.	HD/Tyko/Viking
48	Sprinklers	HD/Tyko/Viking
49.	Butterfly / Check Valve	IVC / Zoloto / Advance
50.	PPSU (Polyphethylsulfone) Pipe	Poloplast
51.	CPVC Pipes	Astral, Ajay
52	Cockroach Proof Grating /SS Grating	Chilly, Viking
53.	Y Stainer	Advance, Honeywell, Zoloto
54.	Grease Separator	Kessel, ACO, Hunter
55.	SS Tank	Nector, Heron, Kingspure
56.	RO Membrane	GE, Dow, Torray
57.	Rubber Expansion Joint	Dunlop, Resistoflex, Easyflex
59.	Water Cooler	Blue star, Voltas, Danfrost
60.	RO Treatment	Ion exchange, Thermax,
61.	WC Connector	Astral, Supreme, SFMC
62.	Pipe support and Clamps	Euroclamp, Gripple
63.	MCC Panel	Krypton, EAP, RST
64.	Insulation	Thermaflex, Armacell, Kflex
65.	Automatic water Alarm Indicator/	
66.	PVC Tank	Sintex/ Rotomac/Seetal
67.	Concealed Cisterns	Gabberit, Kohler, Jaquar

D. HVAC List of Approved 'Makes'

S.No.	Items	APPROVED MAKES
1.	Airhandling units/Fan Section Balanced Air System/	Edgetech/Waves/Ethos/Neutek/Bluestar
2.	VRV units/-DX Units	Hitachi, Daikin/Toshiba/Mitsubishi Electric
3.	Axial flow fan	Krugar/Nicotra/Greenheck/Airflow/ Conaire



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4.	Inline fan	Kruger /Greenheck/Ostberg
5.	Fresh air blower	Krugar/Nicotra/Greenheck
6.	VFD for AHUs	Danfoss/Honeywell/Johnson
7.	Starters/switchgear	Siemens/Larsen & Tubro/English Electric/Havells
8.	Control cables	Finolex/Havells/KEI
9.	Power cables	Havells/KEI/Delton
10.	Push button starters	Siemens/Control and Switchgear/ Cutler Hammer/Victory Enterprises
11.	Auxiliary relays/contractors	Siemens/L&T/Cutler Hammer/Jyoti
12.	Line type fuse	Siemens/English electric/L&T
13.	Timer	Siemens/L&T/Cutler Hammer/ English electric
14.	Cable plugs	Hax/Dowells
15.	Cable glands	Dowells/Electromech
16.	Terminal block	Elmex
17.	Indicating lamps	Siemens/L&T/Control and Switch- gear/Cutler Hammer
18.	Selector switches	Siemens/L&T/Kaycee
19.	Electrical panel	Electra Power/Adlec/Cadilec/ Control Wel Switchgears
20.	O/L relays with built in SPP	L & T/Minilec/Siemens
21.	Grilles/Diffuser/VCD/Fire Damper	Caryaire/Tristar/Servax/Airflow Airmaster/Ravistar/ Balanced Air System
22.	G.I. sheets	Tata, Sail, Jindal
23.	G.I. Duct	Techno/Zeco/Rolastar
24.	Duct and pipe supports	Gripples U.K.
25.	Pipe	
	G.I./M.S.	Jindal/Tata, Mandev, Rajco/ Maxflow
	Refrigerant (copper)	Prakash Surya/Poly Pack/Hindustan
	PVC	
26.	Insulation	K-flex/Armacell Trocellene/Thermobreak/Thermoflex
	Nitrile rubber	
	Polyethylene (XLPE)	
27.	Duct treatment	
28.	Cable tray	Paramount
29.	Sequence controller	Neddo/Universal/Mecano/Fedders Lloyd
30.	Copper cabling	Siemens/Schneider
		Havells

E. LOW VOLTAGE SYSTEMS

MAKE LIST

S.No	System	Proposed Makes
1.	1 Access Control System	
	Controller,Reader	RBH/LENNEL/GE
	EM-Lock	BELL/ALGETEC/DORMA
2.	Boom Barrier & Flap Barriers	Gunnebo/Faac/Magnetic/Kaba
3.	FIRE ALARM SYSTEM	NOTIFIER/EDWARD/TYCO
4.	P.A.SYSTEM	JBL/BOSCH/EAW
5.	CCTV	
	Indoor Dome Camera	SONY-
		SNCDH110/PANASONICWV-
		SF135E/Equivalent in BOSCH
	IR Camera	SONY-
		SNCC160/PANASONICWV-
		SW316L/Equivalent in BOSCH
	Speed Dome PTZ Camera	SONY-SNCEP521/PANASONIC-
		WVSW396E/
		Equivalent in BOSCH
	NVR	MILESTONE/PANASONIC/NUUO
6.	Intrusion Alarm System	SECURICO/OPTEX/HONEYWELL
7.	Online UPS	APC/TATA LIEBERT/Eaton
8.	HDPE pipes	Duroline/Blue Diamond/Pioneer
9.	PVC Conduit Pipes	AKG/Sethia/BEC
10.	Biometric Attendance System	RBH/LENNEL/GE
	Controllor/Reader/Biometric Reader	



- Enrollment Unit RBH/LENNEL/GE
11. EM-Lock
 12. Electronic Push Button
Panic Switch
 13. Workstation PC/SERVER
 14. Displays 18.5 inch
 15. Displays 32 inch
 16. DVD Player

BELL/ALGETEC/Dorma
BELL/ALGETEC/Dorma

IBM/HP/Dell
Samsung/Dell/LG
Panasonic/Samsung/Sony
Sony/Samsung/LG



ARCHITECT'S SIGNATURE:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

PROJECT:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

CLIENT:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

DRAWING TITLE:
LIFT DETAIL (MEHTA SADAN)

DESIGN TEAM:
MEHTA SADAN ARCHITECTS

PROJECT ARCHITECT:
MEHTA SADAN

DATE:
2023/05/25

SCALE:
1:100

PROJECT REFERENCE:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

ARCHITECT'S SIGNATURE:
MEHTA SADAN

PROJECT ARCHITECT:
MEHTA SADAN

DATE:
2023/05/25

SCALE:
1:100

PROJECT REFERENCE:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

ARCHITECT'S SIGNATURE:
MEHTA SADAN

PROJECT ARCHITECT:
MEHTA SADAN

DATE:
2023/05/25

SCALE:
1:100

PROJECT REFERENCE:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

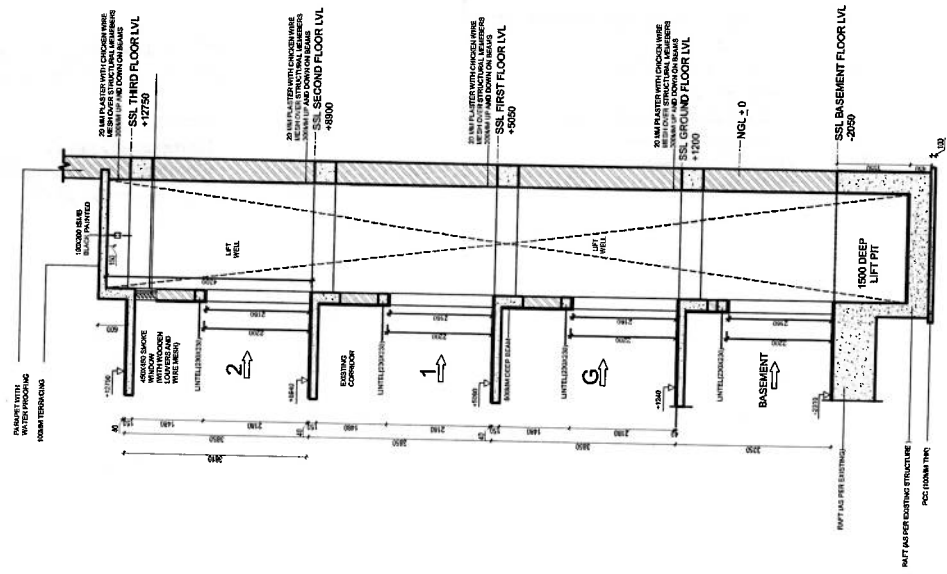
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MEHTA SADAN

PROJECT ARCHITECT:
MEHTA SADAN

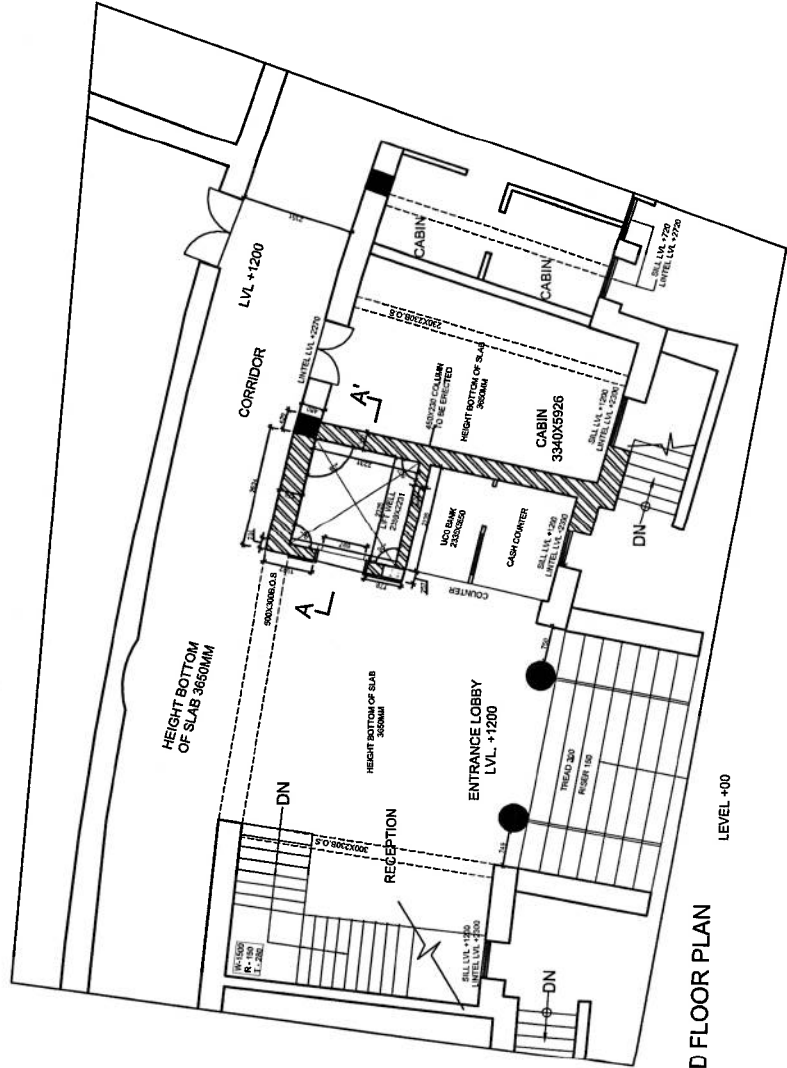
DATE:
2023/05/25

SCALE:
1:100

PROJECT REFERENCE:
KAMUNISTADAN
BRAKATYA VIDYABIRYAN

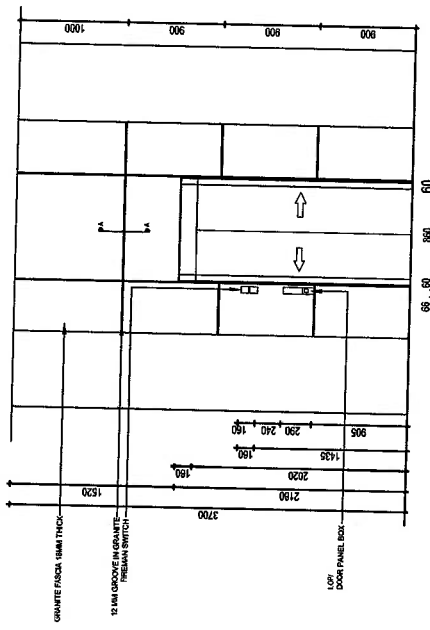


SECTION AA'
SCALE 1:75



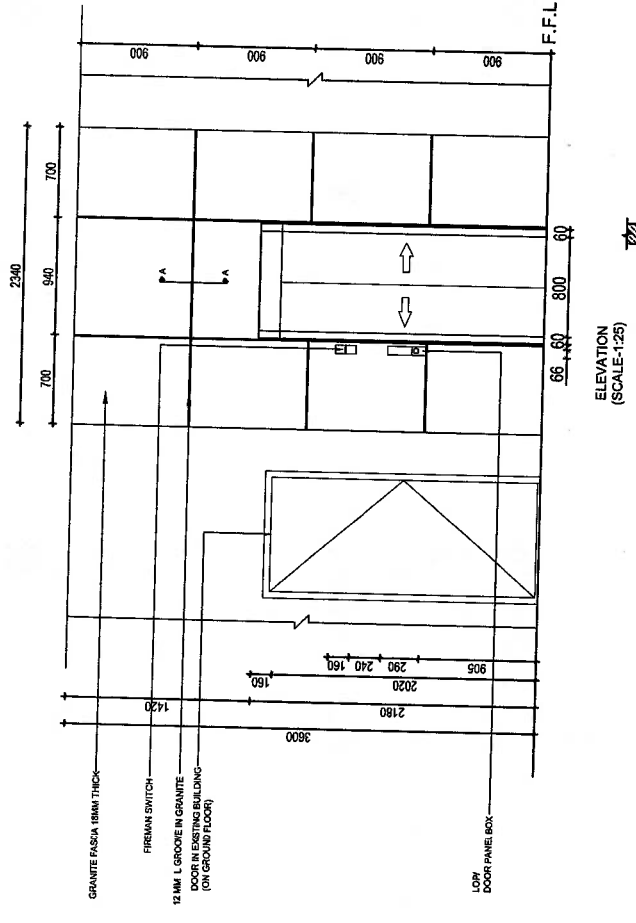
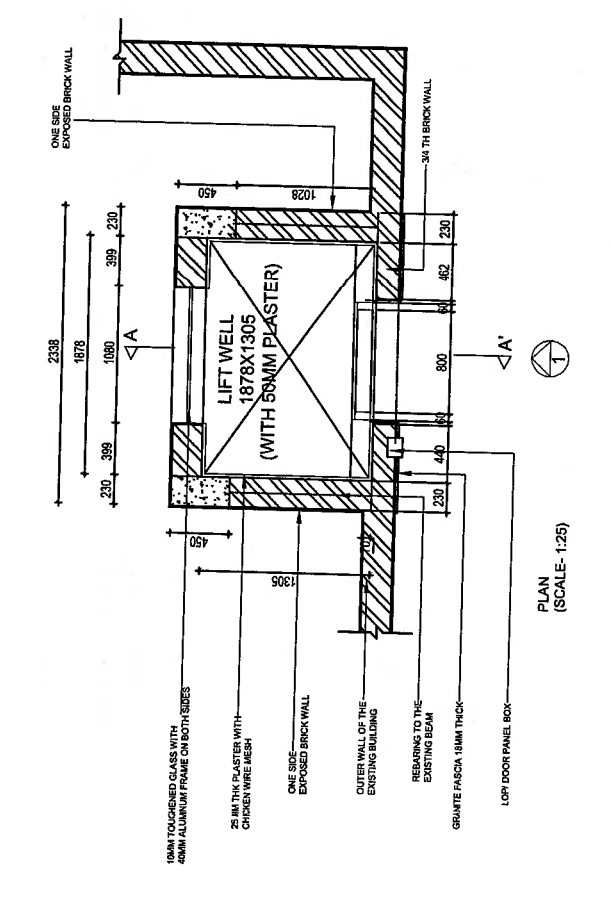
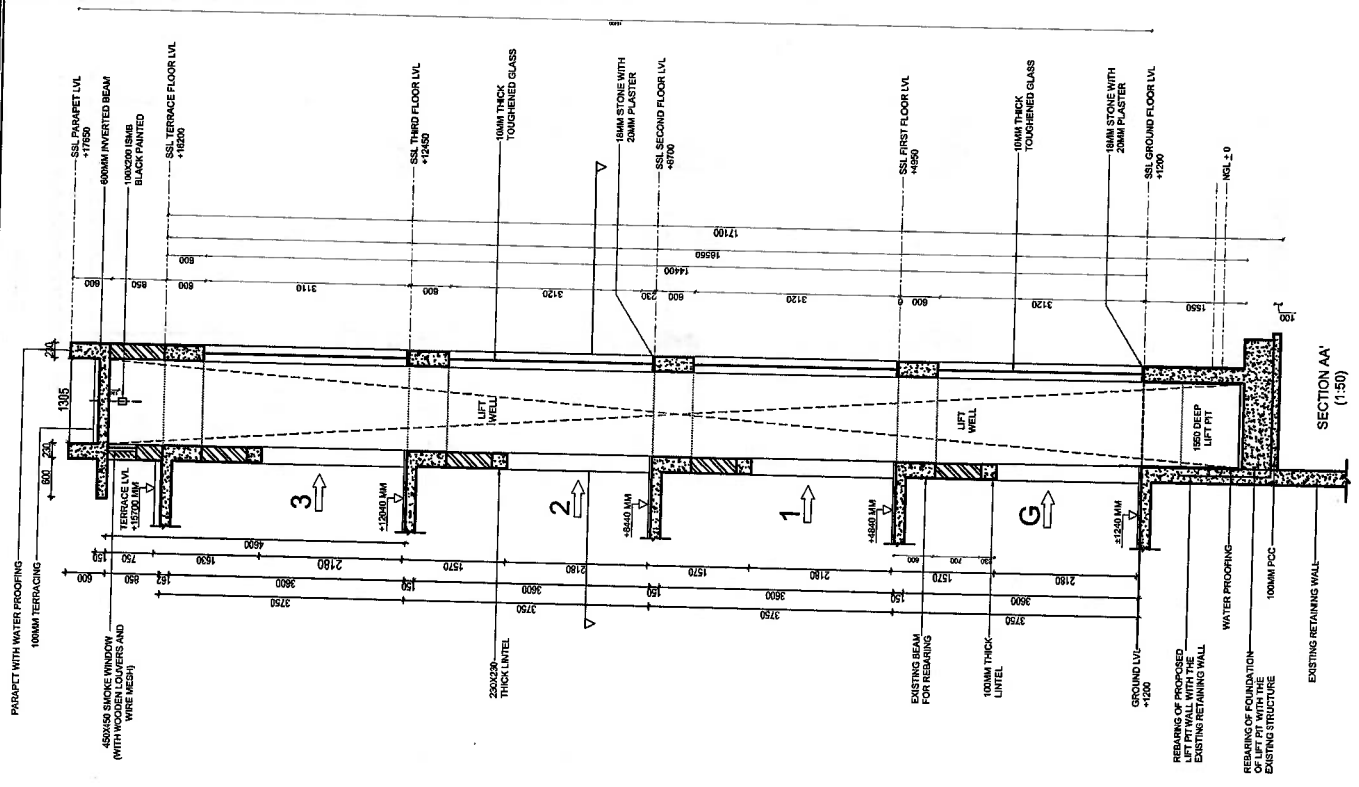
GROUND FLOOR PLAN
LEVEL +00

CAR WIDTH X CAR DEPTH	1200 X 1400
CLEAR CAR WIDTH	1200
LIFT WELL SIZE (INCLUDING 50MM PLASTER)	2282 X 2231
NO. OF PASSENGER	10

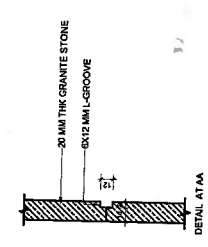


ELEVATION
SCALE 1:50

ARCHITECT'S SIGNATURE: _____
 PROJECT: _____
 CLIENT: _____
 DRAWING TITLE: _____
LIFT DETAIL (HATHI SADAN)
 DESIGN TEAM: _____
 PROJECT ARCHITECT: _____
 DATED: 20/07/2023
 REVISION: _____
 PROJECT REF. NO.: _____
 DRG. NO. - L/D/1A
 STRUCTURAL DRAWING: _____
 PREPARED BY: _____
 CHECKED BY: _____
 APPROVED BY: _____
 ARCHITECTS & ENGINEERS
 DESIGN CONSULTANTS PVT. LTD.
 101, TOWER, VISHVA KUMAR COMPLEX, ANANDAPURAM,
 CHENNAI - 600 042, INDIA
 TEL: +91 44 2634 1111
 FAX: +91 44 2634 1112
 WWW.AECILINDIA.COM



CAR WIDTH X CAR DEPTH	1200 X 900
CLEAR CAR WIDTH	1200
LIFT WELL SIZE	1878X1305 (INCLUDING 50MM PLASTER)
NO. OF PASSENGER	3



DETAIL AT A

