

**COMPREHENSIVE TENDER FOR DEVELOPING  
EXPERIENCE CENTER INCLUDING INTERIORS, SITC OF AV  
SYSTEMS WITH CONTENT REPURPOSING, PROGRAMMING  
AND CONTENT MANAGEMENT SYSTEM.**

**PART – I**

<b>Tender Schedule</b>	
Date of Issue of Tender	22.03.2025
Date of Pre-Bid Meeting	02.04.2025 at 11.00AM
Bid-Submission Start Date	04.04.2025
Bid-Submission End Date	2.00 PM on 16.04.2025
Date of Opening of Technical Bids	3.00 PM on 17.04.2025
Date of Opening of Financial Bid	Will be communicated later
Date of Completion	4 months from the 10 <sup>th</sup> day of issue of work order



**DEPARTMENT OF PREMISES, SECURITY AND PROCUREMENT,  
NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT  
HEAD OFFICE, BANDRA KURLA COMPLEX, BANDRA (E),  
MUMBAI- 400051**

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## **Definitions**

<b>S. No</b>	<b>Abbreviation</b>	<b>Description</b>
1	Applicant/ Contractor/ agency/ vendor/ bidder	An entity (Agency / Firm / Company) having the required experience and obtained / downloaded the bid document from NABARD website/ CPP portal and also submitted the proposal.
2	Tender/ Bid document	Shall also mean this RFP document
3	Application/ Bid	The bid submitted by the applicant in the prescribed format.
4	Project	Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System
5	Bank	Bank Means NABARD
6	Consultant/ Architect/ Technical Associate of the consultant	Consultant appointed by the bank for the project
7	Consultant/ NABARD	Consultant appointed by the bank for the project/ Officers representing NABARD authorized for the project
7	Site of Work	National Bank for Agriculture and Rural Development, Head Office, Plot C-24, G Block, Bandra Kurla Complex (BKC), Bandra East, Mumbai – 400 051
8	Similar Work	Similar works means execution of Experience Center/ Customer experience zones/ museums on turnkey basis with execution of Interiors, Electrical & Allied Works, HVAC system, AV system, Content Repurposing, Programming with Content Management System.

M/s\_\_\_\_\_

Dear Sir,

**NOTICE INVITING TENDER**

**Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.**

NABARD intends to undertake the work of “Developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System at NABARD Head Office, Mumbai”. The bidder/System Integrator shall submit two separate E-bids for the work - Technical Bid and Financial Bid. The same can be downloaded from the website of Central Public Procurement Portal (CPPP) and NABARD Website.

1. The tender document is available on NABARD’s website [www.nabard.org](http://www.nabard.org) OR Central Public Procurement Portal i.e. <https://eprocure.gov.in> for download. No physical copy shall be provided by NABARD and submitted to NABARD.
2. The interested bidders who have proven experience in undertaking such type of comprehensive project may upload their bids along with duly signed scanned copies of all relevant documents etc., in support of their technical & financial bids on the website of CPPP only within the prescribed time limit. The evaluation of Tender will be based on online bids submitted by the bidders.
3. Properly filled tenders as Technical Bid (Part-I) and Financial Bid (Part-II) shall be uploaded online, duly furnishing all the required information.
4. It may be noted that it will be a 02-bid system tendering wherein the 1st bid will be ‘Technical Bid’ and 2nd bid will be the ‘Financial Bid’. Bidders are advised to submit e-tender (e-bids) through e-Procurement portal (<https://eprocure.gov.in>) only, after carefully following the instructions related to systems and procedures as indicated in CPPP.
5. Please note that to submit e-tender through electronic mode, interested bidders should have Digital Signature Certificates (DSC) to login to CPPP.
6. Instructions regarding the Technical Bid, Financial Bid, submission process, description & scope of works, the services required, and terms & conditions have been elaborated in the tender document.
7. Earnest Money Deposit (EMD) of Rs. 16,50,000/- (Rupees Sixteen Lakh Fifty

thousand only) is to be paid to designated account as mentioned below. Receipt/transaction details for the same has to be enclosed with the tender. No interest shall be paid on the EMD thus collected. EMD of the successful bidder will be converted to RMD, whereas EMD of the unsuccessful bidders will be refunded upon the issuance of work order to and acceptance of the same by the successful bidder.

<b>Name of Account</b>	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT
<b>BANK NAME</b>	NABARD
<b>BRANCH NAME</b>	HEAD OFFICE, MUMBAI
<b>IFSC code</b>	NBRD00000002
<b>Account Number</b>	NABADMN07

8. The Tender without EMD shall be rejected. If the bidder wants to claim EMD exemption, the bidder has to submit documentary proof of registration as MSE as defined in MSE Procurement Policy of Govt. of India or registration with Central Procurement Organizations.
9. A Pre-Bid meeting is scheduled to be held on 02.04.2025 at 11.00 AM in the Conference Hall at Ground Floor, A-Wing, NABARD Head Office, Plot C-24, G Block, Bandra Kurla complex, BKC Road, Bandra East, Mumbai, Maharashtra 400051, in the presence of NABARD/ Consultant. The clarifications being sought in the pre-bid meeting may be submitted in writing at our Office or to [dpsp@nabard.org](mailto:dpsp@nabard.org) at least two working days prior to the date of the pre-bid meeting. The clarifications on pre-bid queries will be uploaded in CPP Portal/ NABARD website. The clarifications given in the pre bid meeting will also form part of tender document. NABARD reserves the right to revise the Financial Bid after pre-bid meeting, if required, and same will be uploaded on NABARD website/ CPP Portal
10. e-Tenders must be submitted online not later than 02:00 PM on 15.04.2025. Tenders received after stipulated date and time shall not be entertained. Bidders are requested to make note of dynamic time being displayed on e-Procurement portal of NABARD to ensure that the bids are submitted on time.
11. Technical Bid (Part -I) shall contain:
  - a. EMD or required MSE and NSIC enlistment certificate.
  - b. Notice Inviting tender
  - c. Form of tender
  - d. Documents required to meet the Pre-Qualification Criteria
  - e. Scope of Work
  - f. General terms and conditions
  - g. Special Instructions to the bidders
  - h. Technical Specifications and Compliance Sheet

- i. List of approved makes/ materials
  - j. Duly filled Annexures with supporting documents including drawings.
12. Financial Bid (Part -II) shall contain:
    - a. Duly Priced Schedule of Quantities.
  13. The Technical Bids will be opened online at 3.00 PM on 17.04.2025 in the presence of interested bidders who chose to be present or in any eventuality, on the date and time as decided by NABARD. No separate intimation will be given in this regard.
  14. The Financial Bid shall be opened at a later date after detailed evaluation of the technical bid. The date of opening of Financial Bid shall be intimated separately to the technically qualified bidders only.
  15. The Bids should not contain any conditions whatsoever and any such conditional bids received shall be rejected.
  16. NABARD does not bind itself to accept the lowest bid (L1). Bids shall be evaluated as per the evaluation criteria specified in the tender document. NABARD reserves the right to accept or reject any /all tender/s in part or whole of any firm / firms.
  17. The decision of NABARD shall be final and binding with regard to technical and Financial Bids and the e-tendering process.
  18. The tender will be rejected, if any bidder proposes any deviation from the prescribed technical criteria requirement.
  19. The bidders must ensure attachment of relevant documents, supporting the Pre-Qualification Criteria and Technical Document Sheets.
  20. All the pages of the tender document including supporting documents should be signed and sealed by the bidder, as a token of acceptance to the terms and conditions specified in the tender.
  21. The bids shall remain valid and open for acceptance for 90 days from the date of opening of Financial Bid.
  22. **Time of Completion:** The time of completion of the work will be four months from the 10<sup>th</sup> day of issue of this Work Order.
  23. Liquidated damages for the delay in completion of the works will be levied at 0.25% of the value of the accepted tender for every week of delay or part thereof, subject to a maximum of 5% on the incomplete value of the accepted tender.
  24. NABARD reserves the right to change/modify/amend any or all provisions of the tender document during pre-bid stage. Such revision/amendment or corrigendum/addendum, if any, will be made available on CPP portal and NABARD's website only.
  25. Bidders should inspect the existing site and satisfy the conditions in the tender document before e-tendering/e-bidding.
  26. Bids containing false and/ or incomplete information are liable for rejection.
  27. The work shall have to be done in strict coordination with the Bank (NABARD) as per directions issued from the authorized representative of NABARD/ consultant from time to time and within the stipulated timeframe in an expeditious manner.
  28. The successful bidder shall execute an 'Articles of Agreement' for the contract with

NABARD in accordance with the standard / prescribed format within 10 days from the date of acceptance of the work order failing which the bidder's EMD may stands forfeited.

29. Integrity pact – The bidders have to submit the Integrity pact along with the tender document at his own cost on Rs. 200/- non judicial stamp paper as per the format given **(Annexure - II)** in the tender document to become eligible to participate in the tender. Bids submitted without the pre-contract integrity pact shall be liable for rejection.

Yours faithfully,

Sd/-

**(A K Pittan)**

Deputy General Manager

## **II. FORM OF TENDER**

Date:

To

The Chief General Manager,  
Department of Premises, Security and Procurement  
National Bank for Agriculture and Rural Development  
Head Office, Mumbai – 400051

Dear Sir,

### **Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.**

1. Having examined the tender document relating to the works specified in the Memorandum hereinafter set out, having visited and examined the site of the works specified in the said Memorandum and having acquired the requisite information relating thereto as affecting the tender, I/We hereby offer to execute the works specified in the said Memorandum within the time specified, at the rates mentioned in the Financial Bid in all respects of the tender and with such materials as are provided for, in accordance with such conditions in so far as they may be applicable.
2. MEMORANDUM

<b>Subject</b>	<b>Specification</b>
Description of work	Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.
Location	NABARD Head Office, Mumbai.
Earnest Money	₹16,50,000/- (Rupees Sixteen Lakh Fifty thousand only)
Time allowed for completion of the work	The time of completion for the total project shall be 04 months from the 10th date of issue of work order.
Defect Liability Period	1 year(s) from the date of virtual completion as certified by the Consultant and approved by NABARD
Percentage, if any, to be deducted from bills towards IT, GST, etc.	As per Government Notifications





iv. E-mail address:

v. Our Bankers are:

1. .... Bank, ..... Branch, .....  
Mumbai

2. .... Bank, ..... Branch, .....  
Mumbai

vi. Type of account: Savings / Current account

Bank Account No. :

IFS code of Bank and branch :

vii. The names of partners of our firm are:

a.

b.

c.

viii. Name of the partner of the firm Authorized to sign:

OR

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

Yours faithfully,

Signature of Tenderer with stamp

### **III. PRE-QUALIFICATION CRITERIA**

**The bidder shall fulfil the following eligibility criteria for participating in the tender. Non-production of the documents will make the bid liable for rejection.**

<b>S. No.</b>	<b>Description</b>
1.	<p>The bidders should have experience in executing Experience Center/ Customer Experience Zones/ Museums projects on turnkey basis by undertaking comprehensive works of Interiors, Electrical &amp; allied works, HVAC system, SITC of AV system, Content Repurposing, Programming and Content Management System in the individual projects during the last 7 years as on 31.03.2024.</p> <p><b>Following documents should be submitted:</b></p> <ol style="list-style-type: none"><li>1. Copy of work order (s) /Contract document (s). and</li><li>2. Completion Certificates against the above work order duly certified by the client.</li></ol>
2.	<p>Experience of having successfully completed Similar Projects in Govt./PSU/PSBs/Autonomous Sector/ Corporates during last 7 years (ending 31.03.2024) should be either of following:</p> <ol style="list-style-type: none"><li>a. three similar completed projects whose individual work value is not less than Rs. 3.30 crore.</li><li>b. two similar completed projects whose individual work value is not less than Rs. 4.13 crore.</li><li>c. one similar completed project whose value is not less than Rs. 6.60 crore.</li></ol> <p><b>Following documents should be submitted:</b></p> <ol style="list-style-type: none"><li>1. Copy of work order (s) /Contract document (s). and</li><li>2. Completion Certificates against the above work orders duly certified by the clients.</li></ol> <p><b>Definition of Similar Works:</b> Similar works means execution of Experience Center/ Customer experience zones/ museums on turnkey basis with execution of Interiors, Electrical &amp; Allied Works, HVAC system, AV system, Content Repurposing, Programming with Content Management System.</p>
3	<p>Minimum Average Annual Turnover of the bidder (For 3 years ending 31.03.2024) - Rs. 2.48 Crore (Documentary evidence in the form of certified</p>

	Audited Balance Sheets and Profit and Loss Statement of relevant periods along with a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period.
4	Valid MSE/Udyam Aadhar Certificate against the Works if seeking exemption from EMD (Registration should be submitted/uploaded)
5	EMD amount of Rs.16.50 lakh in case not seeking exemption. (Payment Details should be submitted/uploaded)
6	Signed and stamped Integrity Pact on Rs. 200 non-judicial stamp paper. Integrity pact – The bidder has to enter into the Integrity pact at his own cost on Rs. 200/- non judicial stamp paper with Bank as per the format given to become eligible to participate in the tender.
7	Registration Certificate as per existing norms (indicating the legal status – Company / Partnership firm/ Proprietorship Concern, etc.)
8	Copy of GST Registration Certificates
9	Copy of PAN Card
10	Copies of Income Tax Return filed for the last three financial years ending 31.03.2024.
11	The contractor should submit undertaking stating that his / their/her firm is not blacklisted in NABARD/ Govt. / Semi Govt. institutions/ Public Sector Undertaking on Rs. 100/-stamp paper as per Annexure X. The undertaking/affidavit should be of latest date and in original.

#### IV. GENERAL TERMS AND CONDITIONS

1. The bidders are advised to submit the tender strictly based on the General terms & conditions of the Contract and Technical Specifications contained in the tender documents, and not to stipulate any deviations. If acceptance of the terms and conditions given in the tender documents has any price implications, the same should be considered and included in the quoted price. Tender containing deviations from the terms and conditions shall be rejected at the Bank's discretion.
2. Please note that the Pre-Contract Integrity pact is invariably to be submitted along with the Part -I of the tender. Tender without pre-contract integrity pact shall be liable for rejection.
3. **Submission of Tender:**
  - a. Bidders are advised to use only the forms issued by NABARD. However, if they desire to submit additional information, they may do so on their own letter head / paper. Each page of the forms shall be signed by the bidders. Insertions, postscripts, additions and alterations shall not be valid unless confirmed by the bidder's signature.
  - b. **Part I Technical Bid** - This part shall contain the covering letter, un-priced tender consisting of complete technical specification and commercial terms and conditions. Part I of the tender shall also contain the following: -
    - i. EMD or required MSME and NSIC enlistment certificate.
    - ii. Notice Inviting tender
    - iii. Form of tender
    - iv. Documents required to support pre-qualification criteria.
    - v. Scope of Work
    - vi. Evaluation Criteria
    - vii. General terms and conditions
    - viii. Special Conditions to the bidders
    - ix. Technical Specifications and compliance sheet
    - x. List of approved makes/ materials
    - xi. Drawings
    - xii. Signed, sealed and stamped pre-bid pre-contract Integrity Pact on non-judicial stamp paper of Rs 200/- as per the proforma (Annexure II) given in the tender document.
  - c. **Part II - Financial Bid** – This part is duly priced schedule of rates. This part shall contain prices in Indian Rupees only as per format (Part II). No other enclosure is permitted in Part II. Change of terms and conditions and technical deviations, if any, found in Part II of the tender will not be taken into account and will be treated as null and void. Tender in which prices are quoted in any other currency will not be considered.
    - i. This contract is neither a fixed lump sum contract nor a piece work contract but is a contract to carry out the work in respect of provision of the tender to complete in all respect.

- ii. Bills to be paid for according to actual measured quantities at the rates/quantities provided in the schedule of rates.
  - iii. The rates quoted shall be deemed to be for the finished work and shall be firm and binding without any escalation whatsoever till the completion of work.
  - iv. The item rate shall be workable and inclusive of all material and labor cost as well as contractor profit, overheads/Income Tax/GST as applicable.
- 4. If for any reason, it is found that the technical bid reveals the Financial Bid related details in any manner whatsoever, or, the Financial Bid is swapped in the file marked "Technical Bid", the Bid document will be rejected.
- 5. The contractor should have valid GST registration. While raising RA/final bills, the contractor should write their GSTIN number in the Tax Invoice and should also clearly indicate applicable GST amounts payable. Any changes in the GST rate prevailing shall be applicable on the quoted rates.
- 6. The Bidder will be selected on the basis of total composite score obtained during Quality Cum Cost Based Selection (QCBS) criteria.
- 7. The contractor has to quote for all the items of the tender. Incomplete tenders and tenders without EMD will be rejected.
- 8. All the measurements of the work shall be recorded by the contractor and the same shall be made available to the consultant/ officials of NABARD for verification.
- 9. The contractor should clean the work area and its area of influence on a daily basis. Further, the contractor shall remove all the debris of work from the works to the designated place inside the premises and dispose periodically to the municipal dump yard. A certificate on daily cleaning and periodical disposal of debris from ACT shall be provided by the bidder along with the RA bills. The RA bills without attaching this certificate of ACT will not be accepted for processing by NABARD.
- 10. Bidder shall supply all tools, plants, labor and consumables etc. as required for executing the work as per tender.
- 11. During evaluation of technical Bid, NABARD representatives may visit the bidder's completed or on-going projects and contact his past clients for verification of information given by the bidder. On visiting the site if, representatives find quality of the work executed is not satisfactory, then it can lead to disqualification of the bidder. Besides this, the documents submitted by the bidder, if found to be fraudulent/ manipulated/ false/amended, the bidder shall be blacklisted for minimum period of 03 years for working in NABARD.
- 12. During the execution of work for monitoring and speedy implementation, contractor must deploy qualified personnel i.e., one civil/ interior site engineer and an Electrical site engineer having experience in executing the similar works for day-to-day supervision.
- 13. A qualified project manager having sufficient experience in similar projects should be deployed by the bidder for overall site management, quality control, liaison with NABARD/ Consultant, timely implementation and attending program review meeting.

14. **SITE VISIT:** The bidder should visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the said works. The costs of visiting the Site shall be at the bidder's own expense.
15. The bidder should also produce original documents for verification if called for. Failure to attach requisite documents with application will lead to disqualification of bid without any intimation.
16. The application form shall be uploaded in CPPP - <https://eprocure.gov.in> after duly filled and signed on each page of tender. Incomplete tender liable to be rejected.
17. Application containing false and/ or incomplete information is liable for rejection and consequences.
18. The application must be submitted in the Pro-forma without editing the text whatsoever. Any Violation of this condition shall render the application invalid.
19. The tenders shall be signed by the person/persons on behalf of the Organization having the necessary Authorization/Power of Attorney to do so. (Copy of Power of Attorney/Memorandum of Association shall be furnished along with application, if required).
20. If the space in the Pro-forma is insufficient for furnishing full details, such information shall be supplemented on separate sheets of paper stating therein the part of the Pro-forma and serial number. Separate sheets shall be used for each part of application, if required.
21. Tenders containing false and/or incomplete information are liable for rejection.
22. The contractor must have qualified and experienced professionals in the respective disciplines. Details of the same may be shared with NABARD (Annexure –IV).
23. The bidder must have successfully completed the work according to the eligibility criteria under pre-qualification criteria.
24. Water & Electricity supply for work execution: The Bank may provide Water & Electricity. In case of non-availability of the same, contractor may arrange the cost on its own. All the necessary arrangements for electricity points i.e. cable, switch etc. contractor shall provide same.
25. The rates for each item as per scope of work shall be quoted by the applicant in the Financial Bid to be uploaded in the CPPP website.
26. All the protocols / guidelines related to COVID– 19 or other matters fixed by government to be followed by the contractor at his own cost.
27. **Taxes, Insurance & Other Charges :** The prices quoted for the work shall be deemed to have included all taxes, custom duty, excise duty, GST or any other taxes/duties imposed by /State Government/ Local Bodies/ Central Government, charges for labor, transport, insurance charges for transit, shipment, packing, freight from the factory to the destination site, handling, clearing, installation, and commissioning charges, insurance charges for storage, erection, testing and commissioning, CAR policy (1.25 times the Contract Value), workmen compensation and third party liability etc. to commence from the 10 days after the

date of Work Order from NABARD till the issue of Virtual Completion Certificate. If the bidder (contractor) fails to include such taxes/duties/charges in the tender, no claim thereof will be entertained by NABARD afterwards. As per laws, income tax and GST-TDS etc. will be deducted at source and a certificate for the same will be issued to the contractor. The tendered rates shall be firm and shall not be subject to any variations, on account of fluctuations in the market rate or any other source.

28. **Validity of Tender-** The Tender along with the prices shall remain valid initially for a period of 90 days from the date of opening of Financial Bid (Part II) of tender, which period may be further extended by mutual agreement in writing by the bidder and the bidder shall not cancel or withdraw the tender during this period.
29. **Earnest Money:** The Tender must be accompanied by Earnest Money in the form of Direct Deposit in the Bank through NEFT OR Valid MSE registration certificate. Tender not accompanied by EMD OR Valid MSE registration certificate shall be rejected. Should the Invitation to Tender be withdrawn or cancelled by the Bank, which shall have the right to do so at any time, EMD will be returned.
30. **Initial Security Deposit (ISD)/ Security Deposit (SD)/Retention Money Deposit (RMD):** ISD of 2% of accepted value of tender shall be provided by the successful bidder through online transfer NEFT/RTGS within 15 days of issue of work order. The EMD already furnished by the successful bidder shall be taken into account while determining the above ISD. In other words, EMD will become part of ISD. The ISD will be liable to be forfeited in case the Contractor commits breach of any of the terms and conditions of the Contract or fails to complete the works. This forfeiture is independent of the liquidated damages provided for in the Contract. The initial security deposit amount will be adjusted or included in the retention money as per sub-Clause herein below.

**Security Deposit (SD)/Retention Money Deposit (RMD):**

- i. Earnest Money Deposit and Retention Money Deposit will form a total Security Deposit (SD). The security deposit will be 5% of the total value of work executed. RMD shall be deducted 5% from every R.A. Bill till the total recovery amounts including EMD/ISD amounts to 5% of the contract amount.
- ii. The 50% of Security Deposit will be refunded after the expiry of defect liability period, provided the Contractor has satisfactorily carried out all the rectification works and attended to all defects and facilitate content integration in association with “Corporate Communication Department (CCD) of NABARD/Content Development Vendor appointed by CCD” to the satisfaction of NABARD at the quoted rate for “Content Repurposing and Programming” in the tender. Remaining 50% SD shall be released against submission of Bank Guarantee for 05 years from DLP against the same amount (Proforma in Annexure – XIV) co-terminus with the expiry of Comprehensive Annual Maintenance Contract (CAMC) for 5 years from the date of expiry of DLP. During the period of CAMC, the bidder shall facilitate content integration in association with “Corporate



Communication Department (CCD) of NABARD/Content Development Vendor appointed by CCD” to the satisfaction of NABARD at the quoted rate for “Content Repurposing and Programming” in the tender.

31. **Defect Liability Period:** Defect Liability Period shall be 01 year from the date of virtual completion as certified by the consultant and approved by NABARD. All repair costs during aforesaid Defects Liability Period shall be borne by the Contractor at his risk and cost. If the Contractors do not carry out the rectification work during the Defects Liability Period, then NABARD shall have the right to get such defective work rectified after giving due notice in writing to the Contractor/s and recover the cost of such repairs from the RMD/Security Deposit amount so retained.

32. **Right to Accept Part Tender:** NABARD reserves the right to accept the tender either in whole or in part at the same prices quoted by the bidder.

33. **Labor stay at site:** No Labor stay is allowed at work site.

34. **Signing of Contract Agreement**

- i. The General Conditions and special conditions, herein before referred to, Conditions of Contract and Technical Specifications, schedule of works enclosed with the tender documents and the subsequent correspondence exchanged between NABARD and the bidder shall be the basis of the Work Order/final contract to be entered into with the successful tenderer.
- ii. The bidders shall go through the terms and conditions given in the general conditions of contract herewith and bidders’ offer shall be strictly in line with the terms specified therein. No deviation from the terms and conditions specified shall be acceptable.
- iii. On receipt of intimation from NABARD of the acceptance of his/their tender, the successful bidder shall be bound to implement the Contract and within 14 days thereof, the successful bidder shall sign an agreement in accordance with the articles of agreement. Notwithstanding the signing of the agreement, the written acceptance by NABARD of a tender in itself will constitute a binding contract between NABARD and the successful bidder, whether such agreement is or is not subsequently executed. The stamp duty charges will have to be borne by the contractor (bidder).
- iv. The contractor shall not assign the contract to any third party. He shall not sublet any portion of the contract except with the written consent of NABARD. In case of breach of these conditions, NABARD may serve a notice in writing to the Contractor rescinding the contract whereupon the security deposit shall stand forfeited to NABARD, without prejudice to his other remedies against the Contractor.

35. **Inspection of materials/work at site:**

- i. NABARD at its discretion may inspect the material at site or elsewhere. However, all cost towards inspector’s travelling, lodging, boarding if any would be borne by NABARD.
- ii. NABARD's officials shall have free and full access at any time during execution of the contract to the contractor's works or work site in case of

the execution of work for the aforesaid purpose, and he may require the contractor to make arrangements for inspection of work or any part thereof or any material at his premises or at any other place specified by NABARD's officials and if the contractor has been permitted to employ the service of a sub-contractor, reserve to NABARD's officials a similar right.

- iii. The above will, however, not in any way absolve the contractor of his responsibility about proper performance of the system/ components after erection and commissioning at the designated place.
- iv. NABARD's officials carrying out the inspection shall have the power to certify/ accept/ reject as follows:
  - a. To reject any material or parts submitted as not being in accordance with the specification.
  - b. To mark the rejected material with a rejection mark so that it may easily be identified if re-submitted.

**36. Completion Period:** Time allowed for carrying out the work is 4 months which shall be strictly observed by the Contractor, and it shall be reckoned from the 10<sup>th</sup> day after issuing the Work Order. The work throughout the stipulated period of the contract should proceed with all the due diligence and if the contractor fails to complete the work within the specified period, he shall be liable to pay liquidated damages as defined in the tender. The bidder may, before commencing the work, prepare a detailed work program in the form of Bar Chart and submit to NABARD for approval. The bidder may indicate the time schedule as per the broad items of work listed below. The Bar Chart thus submitted shall be for completion of the work within the contractual completion period from the 10<sup>th</sup> day of Work Order. Such chart may include all activities like the date of supply of material at site, completion of work etc. NABARD may provide open storage space within the compound of the building. However, the responsibility and safety of the materials stored will be with the contractor. No accommodation will be provided for any worker by NABARD. The partitions/ enclosure for the proposed site shall be erected by the vendor at his cost and shall be dismantled upon completion of work and all dismantled materials to be disposed outside municipal limits by the contractor at his risk and cost.

**37. Insurance:** On or before the date of commencement of the contract, the contractor shall take all insurances at his cost covering all kinds of risks till end of defect liability period of the work, in the joint names of NABARD and the contractor (NABARD's name being first) and it shall take at least the following risk related policies:- Contractor's All Risk Policy at 1.25 times of the value of the contract. Workmen compensation policy for all the workmen of the contractor at site.

**Note:**

- i. These policies shall remain valid for all the time during the currency of the contract till end of defect liability period. If these policies are not provided by the contractor, NABARD reserves the right to take the above insurance

policies themselves and/ or recover the cost thereof from the payables the contractor.

- ii. The Contractor shall provide NABARD with documentary evidence from time to time, that he has taken all the insurance policies mentioned in the foregoing paragraphs and that he has paid the necessary premium for keeping the policies valid till the expiry of defect liability period.
- iii. The Contractor has to Add-on covers under this policy, if at all they are not included under the original policy like:  
Clearing and removal of debris; Damage to surrounding property not forming part of the contract work. Maintenance visit / extended maintenance cover to cover accidental loss or damage whilst carrying out any rectification during maintenance period and / or any amount incurred for rectification of such original defects or faults during construction.

**38. Governing Laws and Dispute Resolution** - The Tender and selection process shall be governed by and construed in accordance with the laws of India and shall be subject to exclusive jurisdiction of courts in Mumbai only. Disputes or differences whatsoever, arising out of the Tender process shall be resolved hereunder:

- i. All disputes and differences of any kind whatsoever, arising out of or in connection with the Tender in respect of execution of the work shall be resolved amicably.
- ii. In case of failure to resolve the disputes and differences amicably within 30 days of the receipt of notice by the other party, then such unsettled dispute or difference shall be referred to arbitration by sole arbitrator mutually agreed in accordance with the Arbitration and Conciliation Act, 1996.
- iii. If no agreement is arrived at within 30 days from the date of notice as to who shall be the sole arbitrator, NABARD shall send to the bidder a list of three names of persons who shall be presently unconnected with NABARD. The Bidder shall on receipt of the names as aforesaid, select any one of persons so named to be appointed as sole arbitrator and communicate his name to NABARD within 30 days on receipt of the names. NABARD shall thereupon without delay appoint the said person as the sole arbitrator.
- iv. If the bidder fails to select the person as sole arbitrator within 30 days of receipt of the panel and inform NABARD accordingly, NABARD shall be entitled to appoint one of the persons from the panel as sole arbitrator and communicate his name to the bidder.
- v. If the person so appointed is unable or unwilling to act or refuses his appointment or vacates his office due to any reason whatsoever, another person shall be appointed by NABARD from the above list of persons. The provisions of the Indian Arbitration and Conciliation Act, 1996, shall govern the arbitration.
- vi. The award shall be final and binding on both the parties.

- vii. It is hereby agreed that in all disputes referred to the Arbitration, the Arbitrator shall give a separate award in respect of each dispute or difference in accordance with the terms of reference and the award shall be a reasoned award. It is hereby agreed that the Arbitrator shall not have powers to order any interim measures whatsoever during the course of arbitration.
- viii. The fees, if any, of the Arbitrator shall initially be paid in equal proportion by each of the parties. The cost of the reference and of the award including the fees, if any, of the Arbitrator shall be directed to be finally borne and paid by such party or parties to the dispute in such manner or proportion as may be directed by the Arbitrator as the case may be in the award.
- ix. The place of arbitration shall be at Mumbai.
- x. The language of the proceedings shall be in English.

### **39. Other Issues**

- i. The Contractor shall carry out all the work strictly in accordance with the instructions of authorized representative of NABARD/ consultant. If in the opinion of NABARD, nominal changes have to be made to suit the site condition and with the prior approval in writing of NABARD, they desire the Contractor to carry out the same, the Contractor shall carry out the same without any extra charge.
- ii. The contractor must obtain for himself on his own responsibility and at his own expense, all the information which may be necessary for the purpose of making a tender and for entering into a contract and must examine the drawings, inspect the site of the work, and acquaint himself with all local conditions, means of access to the work, nature of the work and all matters pertaining thereto. NABARD's decision in such cases shall be final and shall not be open to arbitration.
- iii. A Schedule of Probable Quantities in respect of each work and Specifications accompany these Conditions. The Schedule of Probable Quantities is liable to alteration by omissions, deductions or additions at the discretion of NABARD.
- iv. The rates quoted in the tender shall include all charges for scaffoldings, watching and lighting by night as well as day including Saturdays/Sundays and holidays, protection of all other erections, matters or things and the Contractor shall take down and remove any or all such centering, scaffolding etc. as occasion shall require or when ordered so to do, and fully reinstate and make good all matters and things disturbed during the execution of work and to the satisfaction of NABARD.
- v. The contractor shall not be entitled to any compensation for any loss suffered by him on account of delays in commencing or executing the work, whatever the cause of delays may be, including delays arising out of modifications to the work entrusted to him or in any sub-contract connected therewith or delays in awarding contracts for other related work i.e. "Contract for Content Development" of the project or in commencement

or completion of such works. NABARD does not accept liability for any sum besides the tender amount, subject to such variations as are provided for herein.

- vi. The successful bidder is bound to carry out all items of work necessary for completion of the job even though such items are not included in the quantities and rates. Schedule of instruction in respect of such additional items and their quantities will be issued in writing by NABARD.
- vii. The contractor must bear in mind that all the work shall be carried out strictly in accordance with the specifications made by NABARD.
- viii. Confidentiality: The Contractor shall treat the details of the Contract as private and confidential, except to the extent necessary to carry out obligations under it or to comply with applicable Laws. The Contractor shall indemnify NABARD for any loss suffered by them as a result of disclosure of any confidential information. The Contractor shall not publish, permit to be published, or disclose any particulars of the Works in any trade or technical paper or elsewhere without the written permission of NABARD.

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

(SEAL & SIGNATURE OF THE TENDERER)

PLACE:

DATE

## V. SPECIAL CONDITIONS

1. The Contractor should note that unless otherwise stated the tender is strictly on item rate basis and his attention is drawn to the fact that rates for each and every item should be correct, workable and self-supporting. The quantities in the schedule of quantities approximately indicate the total extent of work but may vary to any extent and may even be omitted thus altering the aggregate value of the Contract. No claim shall be entertained on this account.
2. The Security Deposit of the successful tenderer will be forfeited if he fails to comply with any of the conditions of the Contract.
3. **CONTRACTOR'S LIABILITY AND INSURANCE:** From commencement to completion of works, the Contractor shall take full responsibility for the care of the work and for taking precautions to prevent any loss or damage to the works and shall be liable for any damage or loss or theft that may arise to the works or any part thereof from any cause whatsoever, inherent defects and failures due to poor workmanship and causes such as lightning, explosion, earthquake, storm hurricane, floods, inundation, riots excluding civil war, rebellion, revolution and insurrection and shall at his own cost repair and make good the same so that at all times the work shall be in good order and condition and in conformity in every respect with the requirements of the Contract.

**Explanation:** For the purpose of this condition, the expression “from the commencement to completion of work” shall mean the time commencing from the issue of the work order to the contractor and ending with completion of defect liability period.

4. Without limiting the obligations and responsibilities under this condition, the Contractor shall insure and keep insured the works from commencement to completion, as aforesaid 1.25 times the contract value against the risk of loss or damage from any cause whatsoever including the causes enumerated in the forgoing Clauses above. In the event of there being a variation in the nature and extent of the work, the Contractor shall from time to time increase or decrease the value of the insurance correspondingly. All the premium shall be borne and paid by the contractor. The said insurance shall also provide for the removal of debris of the lost or the damaged works. The said insurance shall be in the joint name of the Employer (NABARD) and the Contractor, The Employer's name being mentioned first in the policies and the Contractor should deposit with the Employer the said policy or policies before commencing the work at site. All money payable by the insurers under such policy or policies shall be recovered by the Employer and shall be paid to the Contractor or any other agency of Employer's choice in instalments for the purpose of rebuilding or replacement or repairing the works and/or goods destroyed or damaged as the case may be.
5. If the Contractor has a blanket insurance policy for all the works to be executed by him and the policy covers all the items to be insured under the condition, the said policy shall be assigned by the Contractor in favour of the Employer, provide however that if any amount is payable under the policy by the insurers in respect of

works other than the work under the Contract, the same may be recovered by the Contractors directly from the insurers.

6. The contractor shall indemnify and keep indemnified the Employer against all losses and claims, damages or compensation under the provision of the payments of Wages Act 1936, Minimum Wage Act 1948, Employer's Liability Act 1938, Workmen's Compensation Act 1923, the Maternity Benefit Act 1961, Bombay Shops and Establishment Act 1947, Industrial Dispute Act 1947, and the Contractor Labour (Regulation and Abolition) Act, 1970 and Employee's State Insurance Act or any modification thereof or any other law relating thereto and rules made there under from time to time or as consequence of any accident or injury to any workmen or other person in or about the work whether in the employment of the employer or Contractor or not, and also against cost, charges and expenses of any suit, action or proceedings whatsoever out of such accident or injury of combination or any such claim.
7. Before commencing the work, the Contractor shall without limiting his obligations and responsibilities under this condition, insure against any loss of life or injury to any personnel in the Employment of Contractor/sub- Contractor. For this purpose, an insurance shall be taken by the contractor or sub-contractor. Such an insurance shall be taken to include both employees/workmen covered by Workmen's Compensation Act 1923, as well those employees/workmen not covered by the said Act. Separate insurance policies shall be taken for employees/workmen covered by Workman's Compensation Act 1923, and Employees /workmen not covered by the said Act. All the premium shall be paid by the Contractor. Policy/policies taken under this clause for the personnel in employment with the Contractor/Sub- Contractor/ nominated sub- Contractors, may be in their Employer's names of the Contractors/sub- Contractors. In the event of any loss or injury to the personnel in employment with the contractors/sub-contractors, the Employee and the Contractor shall recover directly from the Insurance Company and ensure that payment of the same is made to the affected parties. The policy in original shall be deposited with the Employer.
8. The Contractor shall at all-time indemnify and keep indemnified the Employer against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and or rehabilitation/repair and during the defect liability period and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of and in relation thereto. Before commencing the execution of the works, the Contractor shall without in any way limiting his obligations and liabilities under this condition, insure at his cost and expense against any damage or loss or injury which may be caused to any person or property including the Employee or servants of the Employer and the Consultants and their property by or in the course of the execution of the works.
9. The Contractor shall provide the Employer with documentary evidence from time to time, that he has taken all the insurance policies mentioned in the foregoing

paragraphs and that he has paid the necessary premium for keeping the policies valid till the expiry of defects liability period.

10. If the Contractor and/or his sub- Contractor or nominated Contractor, if any shall fail to effect and keep in force the insurance referred to above or any other insurance which he/they may be required to effect under the terms of the Contract, then in any such case, the Employer may, without being bound to effect and keep in force any such insurance policy and pay such premium or premium, as may be necessary for that purpose from time to time and deduct the amount so paid by the Employer from any moneys due or which may become due to the Contractor or recover the same as a debt due from the Contractor.
11. The Contractor shall indemnify NABARD by giving suitable Indemnity Bond as per NABARD's pro forma attached herewith (Annexure - XI).
12. **SCHEDULE OF QUANTITIES:** The Schedule of the Quantities unless otherwise stated shall be deemed to have been prepared in accordance with the standard procedure of the authorized representative of NABARD and shall be considered to be approximate and no liability shall attach to the authorized representative of NABARD for any error that may be discovered therein. Further, it is the prerogative of NABARD to carry out the items entirely or partially of the BoQ. The contractor will not have any right to claim any additional cost if any items are removed by NABARD from the BoQ for execution.
13. **SUFFICIENCY OF SCHEDULE OF QUANTITIES:** The Contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works, and of the prices stated in the Schedule of Quantities and/or Schedule of Rates and prices, which rates and prices shall cover all his obligations under the Contract, and all matters and things necessary for the proper completion of the work.
14. **CONTRACTOR TO PROVIDE EVERYTHING NECESSARY :**The Contractor shall provide everything necessary for the proper execution of the works according to the true intent and meaning of the Drawings, Specifications and Schedule of Quantities taken together whether the same may or may not be particularly shown or described therein, provided that the same can be inferred there from and if the Contractor finds any discrepancy in the Drawings or between the Drawings, Specifications and Schedule of Quantities he shall immediately refer the same in writing to the Employer, who shall decide which shall be followed, and employer's decision shall be final and binding on all parties. The Contractors will supply, fix and maintain at his cost during the execution of any works, all the necessary centring, scaffolding, staging, timbering, strutting, shoring, pumping, fencing, hoarding, watching and lighting by night as well as by day required not only for the proper execution and protection of the public and safety of any adjacent roads, streets, cellars, vaults, pavements, walls, houses, buildings and all other erections, matters or things. The Contractor shall pull down and remove any or all such scaffolding, after completing his work as occasion shall require or when ordered to do so and shall fully reinstate and make good all matters and things disturbed during the execution of the works, to the satisfaction of the Consultant /



Employer.

15. **AUTHORITIES, NOTICES, PATENTS, RIGHTS & ROYALTIES** - The Contractor shall conform to the provisions of all the statutes relating to the works, and to the Regulations and bye-laws of any local Authority, and of any Water, Lighting of other Companies or Authorities with whose systems the structure is proposed to be connected, and shall before making any variation from the drawings or specifications that may be necessitated by so conforming, give to the Bank's Officer written notice, specifying the variations proposed to be made and the reason for making it, and apply for instruction thereon. In case the Contractor shall not within ten days receive such instructions, he shall proceed with the work conforming to the provisions, Regulations or Byelaws in question.
16. The Contractor shall bring to the attention of the authorized representative of NABARD all notices required by the said Acts, Regulations of Byelaws to be given to any Authority by the NABARD and pay to such Authority, or to any Public Officer, all fees that may be properly chargeable in respect of the works, and lodge the receipts with the authorized representative of NABARD
17. The Contractor shall indemnify the Employer against all claims in respect of patent rights, design, trademarks of name or other protected rights in respect of any plant, machine work or material used for or in connection with the works or temporary works and from against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect thereof or in relation thereto. The Contractor shall defend all actions arising from such claims, unless he has informed the authorized representative of NABARD, before any such infringement and received their permission to proceed, and shall himself pay all royalties, license fees, damages, costs and charges of all and every sort that may be legally incurred in respect thereof
18. **MATERIALS AND WORKMANSHIP TO CONFORM TO DESCRIPTION:** All materials and workmanship shall, so far as procurable, be of the respective kinds specified in the Schedule of Quantities and/or specifications and in accordance with the instructions of authorized representative of NABARD and the Contractor shall upon the request of the authorized representative of NABARD furnish to them all invoices, accounts, receipts and other vouchers to prove that the materials comply therewith. The Contractor shall at his own cost arrange for and/or carry out any test of any materials which the Bank (NABARD) may require. The Specifications shall wherever not mention in the tender be taken in accordance with the latest CPWD Specifications and its latest revision or BIS, if any. If the Contractor contends that any of the material, goods or workmanship specified as aforesaid, is unobtainable, he shall submit to the clients, his grounds for his contention, and thereupon, NABARD shall decide whether the same is unobtainable in fact. If NABARD shall decide that any of the materials, goods or workmanship is in fact unobtainable, they shall issue an order in writing as what is to be substituted thereof, and such order shall be deemed to be an order for variation; such order shall however be got approved by NABARD before issue.
19. **SETTING OUT:** The Contractor shall at his own expense, set out the works,

accurately in accordance with the plans and to the complete satisfaction of NABARD. The Contractor shall be solely responsible for the true and perfect setting out of the works, and for the correctness of the position, levels, dimensions and alignment of all parts thereof. If at any time any error shall appear during the progress or on completion of any part of the work, the Contractor shall at his own cost rectify such error if called upon, to the satisfaction of NABARD. authorized representative of NABARD/Consultant shall from time to time inspect the work, but such inspections shall not exonerate the Contractor in any way from his obligations to remedy any defects which may be found to exist at any stage of the work or subsequently after the same is completed.

20. Content Repurposing and Programming shall be carried out by the contractor on receipt of contents from Corporate Communications Department (CCD) of NABARD and in consultation with CCD during the defect liability period (DLP) and CAMC period. The contractor shall be paid for this work at this quoted price in this tender. During the Contract period, the payment towards this shall be paid by us on certification of bills by the consultant and CCD of NABARD.
21. **DISMISSAL OF WORKMEN:** The Contractor shall on the instruction of the NABARD/ Consultant immediately dismiss from the works any person Employed there-on who may, in the opinion of the NABARD, be unsuitable or incompetent or who may misconduct himself and such person shall not again be employed or allowed on the works without the permission of NABARD.
22. **ACCESS TO WORKS:** The Consultant and the authorized representative of NABARD shall at all reasonable times have free access to the works, and to the workshops, factories or other places where materials are being manufactured or fabricated or stored or displayed for the Contract and also to any place where the materials are lying or from which they are being obtained. The Contractor shall give every facility to the authorized representative of NABARD and consultant for inspection and examination and test of the materials and workmanship. No person unless authorized by NABARD, except the Representatives of Public Authorities, shall be allowed on the works at any time. If any work is to be done at place other than the site of the works, the Contractor shall obtain the written permission of the Bank for doing so.
23. **MEASUREMENT OF WORKS:** The authorized representative of NABARD / Consultant may from time to time intimate the Contractor that he requires the works to be measured and the Contractor shall forthwith attend or send a qualified Site Engineers posted at site to assist the authorized representative of NABARD or their representative in taking such measurements and calculations and to furnish all particulars or give all assistance required by either of them. Should the Contractor not attend or neglect or omit to send such agent, then the measurements taken by the authorized representative of NABARD or approved by him shall be taken to be the correct measurements. The works shall be measured according to the mode of measurements stated in the specifications. The measurement shall wherever not mention in the tender be taken in accordance with the Indian Standard of "Method of Measurement, if any". The Contractor or his Agent may at

the time of measurement take such notes and measurements as he may require.

24. **PRICES FOR EXTRAS ETC. ASCERTAINMENT OF:** Should it be found after the completion of the works from measurements taken in accordance with the previous paragraph that any of the quantities or amounts of works thus ascertained are less or greater than the amounts specified for the works in the priced Schedule of Quantities and/or that any variation is made, the valuation thereof, unless previously or otherwise agreed upon, shall be made in accordance with the following rules:-

- i. The net rates or prices in the original Tender shall determine the valuation of the extra work where extra work is of a similar character and executed under similar conditions as the work priced therein.
- ii. The net rates or prices in the original tender shall determine the value of the items omitted, provided if omissions vary the conditions under which any remaining items of works are carried out, the prices for the same shall be valued under (iii) hereof.
- iii. Where the extra works are not of similar character and/or not executed under similar condition as aforesaid or where the omissions vary, the conditions under which any remaining items of works are carried out or if the amount any omission or additions relative to the amount of the whole of the Contract works or to be any part thereof shall be such that in the opinion of the authorized representative of NABARD the net rate or price contain in the priced Schedule of Quantities or tender or for any item of the works involves loss or expenses beyond that reasonably contemplated by the Contractor or is by reason of such omission or addition rendered unreasonable or inapplicable, the authorized representative of NABARD shall fix such other rate or prices as in the circumstances considers reasonable and proper, on the basis of actual rate analysis for cost of work involved plus fifteen percent towards contractor's overhead and profits, which shall be final and binding on the contractor. The rate analysis to be approved by the Bank before finalization of such rates.

25. **BASE PRICE:** Wherever Base Price of the materials insisted in the items of work in the BoQ, this price is inclusive of GST. If the basic price of the material selected and procured against the item of work is less than or more than 5% of the specified basic price, difference in cost will be deducted or added from/to the respective item of work. The bidder shall submit tax invoice of the materials procured where the basic prices are insisted in the tender.

26. **REMOVAL OF DEFECTIVE WORK AND MATERIALS :**The authorized representative of NABARD shall, during the progress of the works, have power to order in writing from time to time the removal from the works, within such reasonable time as may be specified in the order, of any materials which, in the opinion of the authorized representative of NABARD are not in accordance with the specifications or the instructions of the authorized representative of NABARD. The contractor shall substitute the defective materials with proper materials and properly re-execute such defective work which has been executed, with materials

or workmanship in accordance with the Drawings and Specifications or instructions at his own cost. In case of default on the part of the Contractor to carry out such order the Employer shall have power to employ and pay other persons (third party) to rectify the defective work and all expenses consequent thereon or incidental thereto shall be borne by the Contractor, and shall be recoverable from him or will be deducted by NABARD (Bank) from any money due or that may become due to the Contractor. If the correcting works are not done in accordance with the contract, NABARD may allow such work to remain and, in that case, NABARD shall work out the deduction to be applied to the quoted rate together with such further allowance for damages to the Employer, as may be reasonable which shall be binding on the contractor.

27. **MAKES AND INDICATIVE MODELS:** Options of Makes and indicative models of the items given in the Technical Specifications are only for reference while quoting the tender. However, final selection and approval of make and model will be done by NABARD. The bidder shall procure the items only after approval of NABARD.
28. **DEFECTS AFTER COMPLETION :**Any defect may appear within the "Defects Liability Period" stated in the Appendix hereto or if none stated, then for a period of one year after the Virtual Completion of the work and responsibility for making good at their own cost of the latent/patent imperfections or defect becoming apparent during this period arising in the opinion of the authorized representative of NABARD from materials or workmanship, shall upon the directions and writing of the authorized representative of NABARD, and within such reasonable time as shall be specified therein, be attended and made good by the Contractor, at his cost. In case of default the Employer may employ and pay other persons (third party) to attend and make good such defects, or faults, and all damages, loss and expenses consequent thereon or incidental thereto shall be recovered from the Contractor by the Employer (NABARD) or may be deducted by the Employer upon the Bank's Officer Certificate in writing from any moneys due or that may become due (including Security Deposit) to the Contractor .
29. **DELAY AND EXTENSION OF TIME** - If in the opinion of the NABARD the works be delayed
- i. by force majeure or
  - ii. by reason of any exceptionally inclement weather or
  - iii. by reason of proceedings taken or threatened by the dispute with adjoining or neighbouring owners or public authorities arising otherwise than through the Contractor's own default or
  - iv. by the works or delays of other Contractors or tradesmen engaged or nominated by the Employer and not referred to in the Schedule of Quantities and/or Specifications or
  - v. by reason of employer's instructions, or
  - vi. by reason of civil commotion, local commotion of workmen or strike or lock-out affecting any of the building trades or in case of such strike or lock-out, the Contractor shall, as soon as may be, given written notice

thereof to the employer, but the Contractor shall nevertheless constantly use his endeavours to prevent delay and shall do all that may reasonably be required to the satisfaction of the employer to proceed with the work.

- vii. In consequence of the Contractor not having in due time necessary instructions from the Employer, for which he shall have specifically applied in writing, ahead of time, giving the employer reasonable time to prepare such instructions, the employer shall make a fair and reasonable extension of time for completion of the Contracted works. The Contractor shall take all practicable steps to avoid or reduce any delay in the execution and completion of the works.

**30. KEEPING SITE CLEAN** - The contractor shall at all times keep the site and its influence area in the premises clean and shall dispose of all rubbish, debris and offensive material at his cost in a manner approved by the Employer and as per instructions of the Employer.

**31. AVOIDANCE OF NUISANCE**

- i. The contractor shall take all necessary precautions in reducing noise of plant by means of mufflers, silencers, screens, etc.
- ii. Work liable to create dust shall be well wetted before being executed.
- iii. The work shall be carried out strictly in accordance with the time schedule and other instructions given by NABARD taking care to cause minimum amount of noise, dust and another nuisance at the site.
- iv. The work site is located in the reception area of the functional office building. All the open sides of the worksite (location) should be properly covered temporarily from the floor level to ceiling level with plywood till the work is over in all respect to avoid the disturbance for smooth functioning of the office.

**32. TERMS OF PAYMENT:** The payment for the works carried out under this contract shall be made as follows:

- i. No advance payment shall be made.
- ii. Running Account (RA) Bills shall be paid to the contractor subject to a minimum value of ₹50 lakh per RA bill. Each RA bill/Final Bill shall be submitted by the contractor along with detailed measurements jointly taken by the contractor/consultant/ authorized representative of NABARD and a certificate issued by the Bank's Assistant Caretaker/Protocol & Security Officer confirming the cleanliness of the site and proper disposal of the debris.
- iii. 15% of amount payable to AV system installations will be deducted from each RA Bill besides the statutory deductions such as RMD, ITTDS, GST TDS etc. This deducted amount will be released along with the payment against the Final Bill. The payment against final bill shall be released upon the successful testing & commissioning of AV/HVAC/Allied electro-mechanical system, installation of Content Management System Software & Content Repurposing and Programming, and final handover of the AV &

Allied System after complete measurement along with issuance of Virtual Completion Certificate by the Consultant and approved by the Bank. This phase includes thorough testing to ensure everything is functioning correctly, commissioning to bring the system into active service, and programming to meet the specific needs of the project.

## **VI Scope of Work**

The contractor/ bidder shall completely carry out the said work in every aspect in strict accordance with this contract and with the directions of and to the satisfaction of the Bank. In order to complete the project in all respect, the bidder shall have to carry out the works as detailed below:

### **General Scope of Works**

- i. The bidder shall carry out comprehensive interior work consisting of civil, electrical, structured cabling, HVAC works & Allied System Works as per the drawings provided by the Bank/ Architect/ consultant and BoQ item descriptions and specifications in the tender document.
- ii. After completion of interior works, the bidder shall supply, install, testing and commissioning of the Audio-Visual System as per the drawings approved by the bank/ architect/ consultant and item description in the BoQ of the tender document.
- iii. The bidder shall liaison with the AV consultant/architect, Corporate Communication Department (CCD) of NABARD and Content Development Vendor appointed by NABARD to develop Content Repurposing, Programming and Content Management System and facilitate smooth integration of the contents & software with the hardware (AV system) installed by him.
- iv. The bidder shall engage a qualified civil. / Interior site engineer/ supervisor and an electrical site engineer/ supervisor for implementing the project smoothly by ensuring quality and timely implementation as per the terms of the contract.
- v. The bidder shall assign a dedicated project manager who will oversee the entire project, ensuring effective coordination, timely completion, and adherence to project milestones, as agreed upon with the client. Maintain regular communication with NABARD, providing updates on project progress, addressing any concerns, attending periodic progress review meetings conducted by NABARD and facilitating smooth project execution. Employ efficient project management methodologies to monitor and control project costs, timelines, and resources, as defined in the tender document.
- vi. The bidder shall coordinate closely with the consultant and content development vendor appointed by NABARD to ensure the content is seamlessly integrated with the AV system and operates smoothly. This will involve the following:
  - a. Content Integration and Testing: The bidder shall ensure the integration of the content management system (CMS) with the AV system, verifying that the CMS software can seamlessly interact with the hardware. The bidder will conduct testing with the content management contractor to check the functionality and performance of all content across the entire AV system. This testing will involve playing back different content types such as video files, audio recordings, and interactive media on the system, ensuring that it meets all operational standards. The bidder will verify the real-time performance of the CMS under varied conditions, including multiple

- content files, live streaming (if applicable), and interactions with users (e.g., touch-screen functionalities), ensuring no errors occur during operation.
- b. Synchronization of Interactive Content: In cases where the content involves interactive elements, such as VR booths, multi-touch tables, or interactive displays, the bidder must ensure that the AV system is fully synchronized with these content features.
  - c. Real-Time Content Updates and Integration: The bidder will coordinate with the consultant, CCD and content development contractor to facilitate real-time content updates and integration into the AV system. This could involve implementing live feeds, dynamic content (e.g., real-time data visualizations) that can automatically update the content displayed across various AV components. The bidder should ensure the seamless integration of content changes and updates without disruption to the AV system's operation. Any content uploaded or updated in the CMS should automatically be reflected on the AV system across the networked devices (e.g., Active LEDs, displays, projectors).
  - d. Technical Support and Issue Resolution: During the project lifecycle including comprehensive AMC period, if any technical issues arise related to the content integration (such as formatting issues, compatibility problems, or content playback errors, the bidder shall provide on-site and remote troubleshooting support. In collaboration with the content management team, the bidder shall quickly identify, diagnose, and resolve any compatibility issues that may emerge between the content and the AV system. This could involve software patches, firmware updates, or adjustments to content formatting.

#### **Scope of Interiors Works:**

- i. Dismantling Works: Dismantling of existing wall cladding, flooring, and brickwork partitioning of reception waiting room as per the requirements outlined in the BoQ/ drawing. This includes the careful removal and disposal of existing materials without causing damage to the underlying structure.
- ii. Plywood Partitions and Paneling: Installation of plywood partitions and paneling with aluminum frameworks. These partitions will serve as the base for the final finishes, providing structural integrity and design flexibility for the internal walls.
- iii. Solid Acrylic Finish: Application of a 12 mm thick solid acrylic finish for exposed surfaces. This includes premium Corian laminate finishes, offering a high-end aesthetic and durability for all visible surfaces.
- iv. Stain Resistant Carpet Flooring: Provision and installation of stain-resistant carpet flooring across all areas.
- v. Acoustical False Ceiling: Installation of a combination of different types of acoustical false ceilings, which will include
  - a. Plain Gypsum Ceiling
  - b. Perforated Ceiling for areas requiring sound absorption.



- vi. Solid Acrylic Finish Ceiling (12mm thick Corian laminate finish) as per the design specifications to achieve the desired acoustic effects and aesthetics.
- vii. Sensor Doors: Supply and installation of sensor-operated doors as per the specifications for both the entrance and exit. These automatic doors will be energy-efficient and offer enhanced accessibility.
- viii. Switchable Glass Partition: Provision and installation of a switchable glass partition between the entrance and display area. This partition should have the functionality to transition between transparent and opaque states, providing privacy and flexibility in space.
- ix. Diorama and LED Globe Staging: Construction and installation of diorama and LED globe staging works. These features will be designed and fabricated as per the specified design drawings, incorporating LED lighting for enhanced visual appeal and effect.
- x. Sofa/Furniture for Visitors: Supply and installation of high-quality sofa and furniture for the visitor areas. The furniture will be made to ensure comfort, aesthetic coherence with the overall design, and durability for regular use as per the design and specification.
- xi. Motorized Vertical Blinds: Provision and installation of motorized vertical blinds for the external glass façade of the building.

**Scope of Electrical Works:** The electrical work shall have to be carried out by the licensed electrical contractor under the supervision of qualified electrical supervisor. The scope of works for the contractor pertaining to electrical works shall include the following:

I. Earthing & Safety Equipment

- i. Installation of Equipment and Systems: The contractor shall install the necessary equipment and systems for grounding the electrical systems within the Experience Center as per the instructions of the Consultant/NABARD. This includes earth rods, grounding conductors, and connection points to ensure a safe and effective earthing system.
- ii. Safety and Compliance: The contractor is responsible for ensuring that all earthing systems comply with relevant electrical standards and safety regulations. This includes conducting inspections and tests to verify proper installation and functionality.

II. MV Distribution Board

- i. Supply and Installation: The contractor shall supply and install the Medium Voltage (MV) Distribution Board, which is essential for distributing electrical power from the main supply to various circuits within the Experience Center. The MV Distribution Board should be appropriately rated as per the specifications to handle the required load and meet all safety and performance standards.
- ii. Power Distribution: The contractor shall ensure that electrical power is efficiently distributed to different circuits within the Experience Center, including critical areas such as lighting, power outlets, HVAC systems, and any specialized equipment.

### III. Cables (Power & Circuit Wiring)

- i. *Supply of Cables:* The contractor shall supply various types of electrical cables required for power distribution within the Experience Center. This includes selecting cables with appropriate ratings for voltage, current, and environmental conditions as per the specifications.
- ii. *Laying of Cables:* The contractor shall lay the electrical cables as per the approved layout and design plans. This includes proper routing, securing, and protection of cables to ensure reliable and safe power distribution throughout the Experience Center.

### IV. Point Wiring

- i. *Provision of Electrical Wiring:* The contractor shall provide electrical wiring as per the specifications for various points within the Experience Center. This includes wiring for sockets, switches, and lighting points to ensure adequate electrical connectivity and functionality.
- ii. *Compliance with Standards:* The contractor shall ensure that all point wiring is done in compliance with relevant electrical codes and standards. This includes using appropriate wiring methods, materials, and techniques to ensure safety and reliability.

### V. Light Fixtures

- i. *Supply of Lighting Elements:* The bidder shall supply various lighting elements selected for their aesthetic appeal and adequate illumination within the Experience Center. This includes fixtures such as downlighters, ripple suspended ring lights and recessed adjustable COB lights.
- ii. *Installation of Light Fixtures:* The bidder shall install the lighting elements as per the approved design and layout plans. This includes proper mounting, wiring, and testing of the fixtures to ensure optimal lighting performance and enhance the Experience Center's design.

**Scope of AV System:** The bidder shall supply and install the Audio-Visual system as per the specifications and as approved by NABARD.

- i. *Equipment Procurement and Supply:* The bidder shall identify and procure all AV system components, including audio devices, Active LEDs, Diorama, LCD, VR Booth control systems, signal processors, cables, connectors, mounting hardware, and any other necessary equipment as mentioned in the BoQ from authorized and approved Original Equipment Manufacturers (OEMs) Ensure the selection of high-quality, reliable, and compatible products from approved reputable OEMs approved by NABARD that meet the Bank's specifications and expectations.
- ii. *Installation, Testing and Commissioning:* The bidder on approval of NABARD shall install AV equipment at specified locations as per the drawings and as per consultant/NABARD instructions. This includes handling and mounting audio devices, Active LEDs, control interfaces, and other equipment according to manufacturer specifications and industry

standards. The bidder shall configure and program the AV control systems to ensure seamless integration of all components. Thorough testing shall be conducted to verify proper functioning and optimize performance. The bidder shall perform comprehensive testing of the AV system to verify its performance, functionality, and compliance with the Bank's requirements. Conduct thorough testing and troubleshooting to validate the successful integration of the AV system with all relevant interfaces and systems. Conduct functional testing to ensure proper audio and video signal routing, control system functionality, and overall system operation, as specified by the Bank. Test the system's performance under different scenarios, including audio clarity, video resolution, network stability, and response time, in accordance with the Bank's expectations. Address any identified issues, defects, or non-compliance to ensure the AV system meets the specified standards defined by the Bank.

- iii. *Documentation and Training:* The bidder shall prepare detailed documentation which includes user manuals, operation guides, and maintenance procedures, as required by the Consultant/ NABARD. Get the documentations approved by the consultant before final submission to NABARD. The bidder shall provide comprehensive training sessions for end-users, administrators, and staff deputed by NABARD on operating the AV system effectively and troubleshooting common issues. Ensure that the Bank has the necessary knowledge and resources to manage and maintain the AV system post- implementation.

## **VII EVALUATION CRITERIA**

Bidders who are preliminarily qualified based on the verification of pre-qualification documents provided, shall be further evaluated both in terms of 'Quality' as well as 'Quoted Price' i.e., Quality Cum Cost Based Selection (QCBS) methodology. The weightage for the 'Quality' is 70 % and the weightage for the 'Quoted Price' is 30 %

**Evaluation of Technical Bid:** The technical evaluation will consist of the following criteria, which will be scored based on the bidder's submission. The marks to be awarded under different sections and the maximum marks that can be awarded for each criterion are listed in column of evaluation criteria in the table below:

The maximum marks to be allocated against various sub-sections under '**Quality Part of Selection Criteria**' of Bid shall be as hereunder:

<b>S. No</b>	<b>Evaluation Criteria</b>	<b>Maximum Marks</b>
1	Average annual turnover over the last three financial years ending on 31.03.2024.  i. Above Rs. 2.48 Crore and up to Rs. 5 Crore = 5 marks ii. Above Rs. 5 Crore and up to Rs. 10 Crore = 10 marks iii. Above Rs. 10 Crore = 15 marks	15
2	The Bidder must have completed supply and active installation of Audio-Visual equipment with content repurposing, programming and content development system along with Themed Interior Works for Experience Centre or Museum Projects" with individual project value of more than ₹ 330 Lakhs in last 5 years ending 31.12.2024, which included the supply & installation of Networked AV equipment like Active LEDs/ Diorama/ VR booth/ Multitouch table/ projectors/ displays etc. in Govt./PSU/PSBs/Autonomous Sector/ corporates.  i. Three or more projects individually costing ₹3.30 crore and up to ₹4.13 crore = 15 marks ii. Two or more projects individually costing ₹4.13 crore and up to ₹6.60 crore = 20 marks iii. One or more projects individually costing ₹6.60 crore and above = 25 marks	25
3	Technical Personnel associated with the bidder for the project execution with minimum 03 years' experience.	

	<p><u>I. Site Engineers</u></p> <ul style="list-style-type: none"> <li>i. Civil/ Interior Engineer with B. Tech/BArch – 5 Marks</li> <li>ii. Electrical Engineer with BTech– 5 Marks</li> <li>iii. Hardware Engineer with BTech – 5 Marks</li> <li>iv. Software Engineer with BTech – 5 Marks</li> </ul> <p>II. Project Manager with 5 years’ experience with BTech or MBA – 5 Marks</p>	25
4	<p>The bidder must provide a technical presentation addressing key aspects of the project. The presentation will be evaluated as follows:</p> <ul style="list-style-type: none"> <li>i. Understanding the Scope of Work – 5 marks</li> <li>ii. Presentation on completed similar projects – 5 marks</li> <li>iii. Approach and Methodology towards proposed project - 10 marks</li> <li>iv. Proposed Solution Architecture including timelines and bar chart presentation for completing the work within timelines – 10 marks</li> <li>v. Operation &amp; Maintenance Plan for 05 years after DLP of 01 year – 5 marks</li> </ul>	35
	<b>Total</b>	<b>100</b>

Those bidders who score a minimum of 60 marks in the technical evaluation process would become eligible to proceed for financial bidding stage i.e., opening of financial bids.

After opening of financial bids, the evaluation under QCBS process shall be as under:

Technical Score of the bidders will be evaluated using the following formula.

$$\text{Technical Score} = (T \times 70) / T (\text{high})$$

where T stands for actual marks secured by the bidder and T (high) stands for highest marks secured from among the bidders in the technical evaluation Process.

Technical score shall be calculated up to two decimal places.

- ii. **Evaluation of Financial Bid:** Financial score of the bidders will be evaluated using the following formula.  
**Financial Score =  $[(L_1 \times 30) / (L)]$**

Where L<sub>1</sub> stands for lowest rate quoted from among the bidders and L stands for rate quoted by the bidder.

Financial Score shall be calculated up to two decimal places.

iii. **Combined Evaluation of Technical & Financial Bids:**

- a. The technical and financial scores of each bidder will be added to compute a composite bid score.

**Composite bid score = Technical score + Financial Score**

- b. The bidder securing the highest composite bid score will be selected for awarding the consultancy work.
- c. In the event of two or more bids having the same highest composite bid score, the bid scoring the highest marks against 'Quality' criteria (Technical Evaluation Marks) will be recommended for executing the project.
- d. In the event of two or more bids having the same highest marks against 'Quality' criteria, then the bidder scoring higher marks in technical presentation (Sr. No.4 in the Technical Evaluation Matrix) will be recommended for executing the project.

## **VIII TECHNICAL SPECIFICATIONS**

### **I. Demolition Work:**

Rate shall include for provision of:

- i. Prior to start of work, the work site shall be clearly earmarked as per the approved drawing and after leaving some allowance from the boundary, the work site shall be cordoned off with temporary plywood partitions up to the ceiling along the boundary to safeguard the bank's property and staff.
- ii. The work site, at present, has got False ceiling, cabins, doors, marble cladded walls, AC ducts, grilles and other installed furniture/ Civil/ Electrical/ HVAC/ CCTV and other items. All these items are to be carefully dismantled without any disturbance to existing users and during non-office hours. Further, Usable dismantled items to be handed over to the NABARD officials (ACT) and these usable items to be reinstated at the designated location as per the instructions of authorised representative of NABARD. Non-usable items to be taken to approved dumping ground from the site as per the instructions of authorised representative of NABARD.
- iii. Shifting of existing scanning machine placed near to the entrance of proposed Experience Center to the other side of reception (south side) in the entrance lobby as per the instructions of the consultant/ NABARD officer in charge.
- iv. Repairing/sealing to the damage portion after removal of fixtures are to be done immediately.
- v. The bidder should visit the site to ascertain for himself the exact nature and scope of work involved and give quote for the entire work required.

### **II. Masonry Work:**

Rate to be deemed inclusive of following work:

- i. Work at all heights, depth and in all situations and to all shapes and profile and all necessary works like staging, ladders, platforms, double staging etc. all are required for proper execution of works.
- ii. Hacking and roughening of concrete or other surfaces coming in contact with masonry for bondage, cutting bricks/blocks, wastage etc.
- iii. Raking out joints to specified depth either for plaster or pointing or finishing the joints flushes as the work proceeds, all as directed.
- iv. Bedding and pointing wall-plaster, lintels, sills etc. in or on walls, bedding and pointing doors, windows and like in cement mortar.
- v. Making openings for pipes, conduits, ducts etc. and closing the same after completion of such works and finishing as directed.
- vi. Providing at exact locations and to exact sizes pre-designated openings.
- vii. Forming chases for edges for concrete floors or other units, for scaling in of waterproofing layers, etc.
- viii. Providing cement concrete blocks (1:2:4) at doorjambs where required to receive expansion bolts/holdfasts etc.

- ix. Building in holdfasts and or inserts, supplied by the engineer.
- x. Keeping the work well wetted for 10 days.
- xi. Bricks/blocks to be wetted before use
- xii. Bailing out, pumping out or otherwise removing all water, which may accumulate from all causes.
- xiii. Sampling and testing of any other material during the course of work as and when directed.

### **III. Plaster**

Work to be deemed inclusive of following work:

- i. Work at all levels, heights and to all situations and profiles.
- ii. Double scaffolding, working platforms etc.
- iii. A coat of gypsum plaster soon after the curing period is over.
- iv. Work in narrow widths and small quantities unless special provision is made to the contrary.
- v. Preparation to the surfaces by raking out joints in brick or by hacking the concrete surface and wetting the surface before plastering wherever required.
- vi. Thickness of plaster exclusive of the thickness of key i.e. grooves and open joints in brickwork, stonework etc.
- vii. Chamfers of any width, internal and external rounded angles and chases and forming sharp and clean edges as shown.
- viii. Curing, protection and cleaning of all surfaces.
- ix. Keeping all plastered surfaces well wetted for at least 7 days.

### **IV. Carpets:**

- i. Installation of carpets to be required including wastage for temporary fillets, side-forms, templates, moulds, straight edges etc.
- ii. Final preparation of the base, sub-grade or sub-floor including minor trimming of the base to remove slight undulations if necessary.
- iii. Cleaning and watering the surfaces immediately before laying the floor.
- iv. Providing bedding layer to correct levels of slopes as called for.
- v. Cutting, rubbing and polishing surfaces and edges where applicable.
- vi. Rounding off corners, edges and junctions of floors with skirting or dado and also cutting recesses where required to accommodate recessed skirting.
- vii. Forming rounded recess in floor where called for.
- viii. Providing grooves where shown on drawings.
- ix. Work in narrow widths, bands, cornices, and strips and to profiles shown at all heights, levels, and locations and in small quantities, unless otherwise mentioned.
- x. Providing grooves at the junction of plaster with other finishes as called for.
- xi. All samples of finishing materials shall be got approved prior to use.
- xii. Carpet Tile of approved make, shade and pattern and of the following specification:



Loop pile carpet tile, 1/10 gauge of size 480 mm x 480 mm/ 500 mm x 500 mm/610 mm x 610 mm/ 960 mm x 960 mm with 100% Econyl Polyamide with Millitron coloration/ 92% PA 6 Solution Dyed Xelux (TM) Color + 8% Space Dyed/100% PA 6 Solution Dyed Xelux (TM)/ Avalor (R) X Nylon with Construction Tufted Pile gauge 1/12 Pile material 100% ECONYL® yarn, 100% Regenerated Solution Dyed Nylon Total weight Ca. 4400 g/m<sup>2</sup> Pile weight Ca. 20 - 22oz/yd<sup>2</sup> Pile height Ca. 3.2 mm Total height Ca. 6.3 mm Pile density Ca. 0.123 g/cm<sup>3</sup> Tuft density Ca. 160.000 /m<sup>2</sup> Dimensions 500 x500 mm Dimensional stability (EN 986) max. 0,20% Wear classification (EN 1307) 33-LC1 Finished Pile Thickness: 6.5mm +/- 0.5mm Fire (EN 13501-1) Bfl-s1 Cost to include, transport, laying, wastage and tick stock of 5% Make.

#### V. **Sensor Door:**

- i. Automatic Sliding Door 'Sensor Door' operation should be Smooth and Silent with Power Saving with Single leaf Maximum opening 1800mm.
- ii. DC Brush-less Motor, Multi-Function Controller, and User Friendly. The technical specification is depicted as under:

S. No	Function	Specification
1	Operating rating	Continuous repeated door opening/closing
2	Transmission	Toothed belt
3	Drive-wheel material	Powder metallurgy
4	Control system	Microprocessor
5	Function	15 functions
6	Hanger	Adjustable single wheel hanger
7	Motor	DC brushless Motor
8	Watt	40W-60W
9	Speed (mm/sec.)	150 - 650 mm/sec (Adjustable)
10	Operating voltage and power consumption	AC 90V- 250V 60/ 50 Hz 1.9A – 0.8A 120 W
11	Door open position time	1 - 60 sec.
12	Display Mode	1.Distance counter 2.RPM 3. Speed(mm/sec)
13	Ambient temperature	20°C - +45°C

- iii. Additionally, the following specification and mode of operation are to be included:
  - a. Microcomputer digital controller: Intelligent digital controller that is micro computerized completely. The regular function circuit is controlled by the computer indication with fixed-point switch free. The door position adjustment, tracking distance set-up, various energy strength, open and closing speed are all controlled by the microcomputer. In a long-time

operation, the open and closing action is still precise. When the auto-door is opening and closing, if the door hits something while functioning, the digital control system will reverse moving immediately and contractors' protection mode with a continuous warning sound to avoid the occurrence of any damage to human body or broken machine parts and increase the entering safety.

- b. Drive belt: High flexible belt is to provided with superior anti-gland feature that can be used repeatedly without getting loose and fatigued resilience after long term use.
- c. Drive motor: High efficiency permanent magnet brush-less serve motor, which is small in size, high-RPM and low power consumption which does not emit heat after continual usage. It makes the door open and close silently during whole functioning period.
- d. Aluminium alloy housing: Strong alloy housing easily combines with other accessory parts. The alloy housing is one-unit shaping that has exclusive profile and smooth track that does not get deformed or worn down after long term usage.
- e. Door fixing hanger: The door system has an integrated fixing hanger which allows smooth and secure movement of the panels. It is combined with the stopper to prevent the panels from slipping out.
- f. The door shall be in 12mm thick clear toughened glass encased in 12mm thick glazed aluminium profile.

## **VI. Water Proofing:**

The rates shall include for:

- i. All necessary labour, materials, tools and equipment's for the satisfactory completion of the job.
- ii. Preparing the surfaces and providing fillets.
- iii. Treating down takes pipes, floor traps or any other inserts etc. that may cause leakage.
- iv. Work in narrow widths and all locations/situations as called for.
- v. Work at all heights and depths.
- vi. Keeping the works well wet for at least 7 days.
- vii. Laying to correct slope and level as shown on drawing.
- viii. Protecting waterproof layer over which other materials, fittings, fixtures are to be laid/installed and to prevent damage from other construction operations.
- ix. Waterproofing work shall be guaranteed for a period of 10 years from the date of handing over completed building work in Performa approved by the authorized representative of NABARD on a stamp paper, where the work is carried out by an approved proprietary agency and according to their specifications, the guarantee shall be executed by the proprietary firm and submitted directly to the owner.

- x. The waterproofed surface shall be bone dry and there shall not be any moisture or wet patches.
- xi. The successful bidder is required to furnish full details, with the bid of waterproofing he proposes to adopt for various item.
- xii. Measurements shall be based on finished dimensions.
- xiii. Bailing out, pumping out or otherwise removing all water, which may accumulate from all causes.

## **VII. False Ceiling:**

The rates shall include for:

- i. All necessary labour, materials and use of tools and equipment's for the satisfactory completion of the job and work at all heights.
- ii. Work in narrow widths and all locations as called for and working to specified patterns and profiles.
- iii. Carrying out work to correct line and level.
- iv. Providing necessary cutouts and framework for lights, fittings, AC grills, trap doors, sprinkler heads, smoke detectors and similar including supports from ceiling where directed for these.
- v. No deductions for openings less than 0.1 sqm. in area.
- vi. Necessary precautions to prevent damage to the flooring and other works.
- vii. Perforated false ceiling panels will be installed as per manufacture recommendations and installation guidelines.

**VIII. ACOUSTIC FIBRE:** Providing & fixing in position, Fabric wrapped Compressed polyester fiber nonwoven 9mm panels above the ceiling and location as directed, using adhesive, as per Architectural & Acoustical Design & Instructions & Complete in all aspects, including all materials labor, finishing etc.

## **IX. GYPSUM PLASTER BOARD:**

Work to be deemed inclusive of following work:

- i. Gypsum plasterboard shall be of approved manufacture and in accordance with B.S. 1230 consisting of a core of set gypsum plaster in accordance with B.S. 1191 sandwiched between two sheets of heavy paper to a nominal thickness of 12.5mm. Plasterboard is to be nailed to timber bearers with 45mm \* 12 S.W.G. galvanized screws with 3/8" dis. heads, spaced about 6 inches apart and not less than 15mm" from the edges and ends. Nailing is to commence at the centre of the board. Boards are to be spaced 5mm apart at the joints and end joints are to be staggered to break bond. The boards are to be fixed and cleaned at least 24 hrs. before the application of plaster and in no circumstances should it be wetted before plastering.
- ii. Gypsum plasterboard is to be prepared for plastering by filling the joints with 'board finish' gypsum plaster as described above and pressing into the plaster,

dry reinforcing jute scrim cloth 3 1/2" wide trowelled as flat as possible. When the plaster to the joints has set, thin coat of neat gypsum plaster is to be applied over the whole surface to level up followed immediately by a finish coat to a total thickness of 3/16". The finish coat when almost set is to be trowelled to a smooth surface using as little water as possible applied with a brush. The admixture of lime with gypsum plaster will not be permitted.

**NOTE:** This specification is of the general type only and must be used in conjunction with the drawing of the particular item being made. Anything shown on the drawing and not in the specification must be compiled with, and vice versa.

## **X. 12mm Thick Solid Acrylic Finish:**

### **Definitions:**

1. **Solid Surface:** Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of acrylic polymer, aluminum trihydrate filler and pigment.

### **1.1 Administrative requirements**

- i. **Preinstallation Meetings:** Arrange preinstallation meeting 1 week prior to commencing work with all parties associated with trade as designated in Contract Documents or as requested by Architect. Subcontractor performing work of this trade, Owner's representative, testing company's representative and consultants of applicable discipline. Review Contract Documents for work included under this trade and determine complete understanding of requirements and responsibilities relative to work included, storage and handling of materials, materials to be used, installation of materials, sequence and quality control, Project staffing, restrictions on areas of work and other matters affecting construction, to permit compliance with intent of work of this Section.
- ii. **Submittals**
  - a. **Product Data:** Indicate Product description including solid surface sheets, full range of standard colors, fabrication information and compliance with specified performance requirements. Submit Product data with resistance to list of chemicals.
  - b. **Shop Drawings:** Submit Shop Drawings for work of this Section in accordance with overall working drawings. Indicate plans, sections, dimensions, component sizes, edge details, thermosetting requirements, fabrication details, attachment provisions, sizes of furring, blocking, including concealed blocking and coordination requirements with adjacent work. Show locations and sizes of cutouts and holes and other items installed in solid surface.
  - c. **Coordination Drawings:** Submit coordination drawings indicating electrical data and other conduit works and miscellaneous steel work

- indicating locations of wall rated or non-rated, blocking requirements, locations and recessed wall items and similar items.
- d. Samples: Submit samples in accordance as per requirement. Submit minimum 6" x 6" samples. Cut sample and seam together for representation of inconspicuous seam. Indicate full range of color and pattern variation. Approved samples will be retained as standards for work.
- iii. Closeout Submittals
- a. Submit manufacturer's care and maintenance data, including repair and cleaning instructions. Include in Project closeout documents.
  - b. Provide a commercial care and maintenance kit and video. Review maintenance procedures and warranty details with Owner upon completion.
- iv. Quality Assurance
- a. Qualifications - Installers: Provide work of this Section executed by competent installers with minimum 5 years' experience in the application of Products, systems and assemblies specified and with approval and training of the Product manufacturers.
- v. Mockup
- a. Prior to final approval of Shop Drawings, erect 1 full size mock-up of each component at Project site demonstrating quality of materials and execution for Architect review.
  - b. Should mock-up not be approved, rework or remake until approval is secured. Remove rejected units from Project site.
  - c. Approved mock-up will be used as standard for acceptance of subsequent work.
  - d. Approved mock-ups may remain as part of finished work.
- vi. Delivery Storage handling: Deliver no components to Project site until areas are ready for installation.
- vii. Storage and Handling Requirements: Store components indoors prior to installation. Handle materials to prevent damage to finished surfaces.
- viii. Manufacturer Warranty: Provide manufacturer's standard warranty for material only for period of 10 years against defects and/or deficiencies in accordance with General Conditions of the Contract. Promptly correct any defects or deficiencies which become apparent within warranty period, to satisfaction of Architect and at no expense to Owner.

## 2. Products

2.1 Manufacturer List: Products of following manufacturers are acceptable subject to conformance to requirements of Drawings, Schedules and Specifications:

- i. Hanex Merino To21 Pure Artic shade
- ii. Corian by DuPont.
- iii. Samsung Staron

**2.1.1 Substitution Limitations:** This Specification is based on Hanex Merino Products. Comparable Products from manufacturers listed herein will be accepted provided Hanex Merino Shade is not available and suggested alternative product meet requirements of this Specification.

### **3. MATERIALS**

- i. Sustainability Characteristics: Provide Products meeting following LEED® performance criteria: Refer to list of approved makes section.
- ii. Performance/Design Criteria: Refer to list of approved makes section.
- iii. Solid Surface Material: Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of acrylic polymer, aluminum trihydrate filler and pigment; not coated, laminated or of composite construction; meeting following criteria:
  - a. Flammability: Class 1 and A when tested to UL 723.
  - b. Adhesive for Bonding to Other Products: One component silicone to ASTM C920.
  - c. Sealant: A standard mildew-resistant, FDA/UL® recognized silicone color matched sealant or clear silicone sealants.
  - d. Heat Reflecting Tape: Manufacturer's standard aluminum foil tape, with required thickness, for use with cutouts near heat sources.
  - e. Insulating Nomex® Fabric: Manufacturer's standard for use with conductive tape in insulating solid surface material from adjacent heat source.

### **4. COMPONENTS**

- i. Fabrication: Fabricate components in shop to greatest extent practical to sizes and shapes indicated, in accordance with approved Shop Drawings and solid polymer manufacturer requirements. Form joints between components using manufacturer's standard joint adhesive without conspicuous joints. Provide factory cutouts for plumbing fittings and bath accessories as indicated on Drawings.
- ii. Where indicated, thermoform corners and edges or other objects to shapes and sizes indicated on Drawings, prior to seaming and joining. Cut components larger than finished dimensions and sand edges to remove nicks and scratches. Heat entire component uniformly prior to forming.
- iii. Ensure no blistering, whitening and cracking of components during forming. Fabricate joints between components using manufacturer's standard joint adhesive. Ensure joints are inconspicuous in appearance and without voids. Attach 50 mm (2") wide reinforcing strip of solid polymer material under each joint. Reinforcing strip of solid polymer material is not required when using DuPont™ Joint Adhesive 2.0.
- iv. Provide holes and cutouts for electrical and support for LED screen installation and accessories as indicated on Drawings.

- v. Rout and finish component edges to a smooth, uniform finish. Rout cutouts, then sand edges smooth. Repair or reject defective or inaccurate work.
- vi. Finish: Ensure surfaces have uniform finish:
- vii. Fabricate following samples for selection
  - a. Semi-gloss, with a 60° gloss rating of 25 - 50.
  - b. Fabrication Tolerances: Variation in Component Size:  $\pm 1/8"$ .
  - c. Location of Openings:  $\pm 1/8"$  from indicated location.

## 5. EXECUTION

### i. Verification of Conditions:

- a. Examine substrates and conditions, with fabricator present for compliance with requirements for installation tolerances and other conditions affecting performance of work. Proceed with installation only after unsatisfactory conditions have been corrected.
- b. Verify actual site dimensions and location of adjacent materials prior to commencing work.
- c. Notify Architect in writing of any conditions which would be detrimental to installation.

ii. Evaluation and Assessment: Commencement of work implies acceptance of previously completed work.

## 6. INSTALLATION

- i. Install components plumb, level, rigid, scribed to adjacent finishes in accordance with reviewed Shop Drawings and Product installation details.
- ii. Fabricate field joints using manufacturer's recommended adhesive, with joints being inconspicuous in finished work. Exposed joints/seams are not permitted. Keep components and hands clean when making joints. Reinforce field joints as specified herein. Cut and finish component edges with clean, sharp returns.
- iii. Route radii and contours to template. Anchor securely to base component or other supports. Align adjacent components and form seams to comply with manufacturer's written recommendations using adhesive in color to match work. Carefully dress joints smooth, remove surface scratches and clean entire surface.
- iv. Seal between wall and components with joint sealant as specified herein and as applicable.
- v. Keep components and hands clean during installation. Remove adhesives, sealants and other stains. Ensure components are clean on date of Substantial Completion of the Work.
- vi. Coordinate connections of electrical and mechanical fixtures.

## 7. REPAIR:

Repair minor imperfections and cracked seams and replace areas of severely damaged surfaces in accordance with manufacturer's "Technical Bulletins".

## **8. SITE QUALITY CONTROL**

- i. **Non-Conforming Work:** Replace damaged work which cannot be satisfactorily repaired, restored or cleaned, to satisfaction of Architect at no cost to Owner.
- ii. **CLEANING:** Remove excess adhesive and sealant from visible surfaces. Clean surfaces in accordance with manufacturer's "Care and Maintenance Instructions".
- iii. **PROTECTION:** Provide protective coverings to prevent physical damage or staining following installation for duration of Project. Protect surfaces from damage until date of Substantial Completion of the Work.

## **XI. ROLLING BLINDS**

- i. **Blackout Blinds:** The fabric shall be pre-stressed composite material of High Tenacity Polyester Yarn with PVC Coating, Aluminum Backing, & Fungistatic Treatment. Fabric shall be of Soltis~B99-alu, Micro-Aerated - coated fabric to provide subtle view and should block the light flux & offer elimination of glare and sunlight / heat radiance.
- ii. **Composite Weight:** 540 g/m<sup>2</sup> (+/-5%) **Thickness:** 0.47 mm (+/-5%)
- iii. **Fabric Openness Factor:** 3% **Visible Light Transmission:** 0%(N-N)
- iv. **Solar Transmission:** 0% **Solar Reflectance:** 25% - 69%
- v. **Solar Absorption:** 28% - 31% **Tensile Strength (Warp/Weft):** 160/170 Dan / 5cm **Tearing Strength (Warp/Weft):** 11/13 Dan **Fungistatic Treatment:** Degree 0, Excellent (EN ISO 846-A) **Fire Retardancy:** M1/NFP92507, B1-s2, do/EN 13501-1, CLASS A/ASTM E84. **Management Quality/ Environment – ISO 9001/ ISO 14001**
- vi. **Greengard Certificate – UL 2818 Gold Certification Program for Chemical Emissions for Building Materials, Finishes & Furnishings"**
- vii. **Roller Tube:** Roller Tube shall be of extruded aluminum alloy 38mm O.D (or as per system dimension) with a minimum wall thickness of 1.0mm duly anodized for long life.
- viii. **Clutch:** Clutch shall be wrapping spring design with high strength fiberglass reinforced polyester assembly and high carbon steel springs to transmit motion from driving to driven members of clutch mechanism. Clutch shall operate by directionally with the use of an endless beaded chain. Clutch mechanism shall be crash proof, prevent slippage and shall raise and lower smoothly to any desired height. Clutch shall never need adjustment.
- ix. **Idler:** Idler shall be of high strength fiberglass reinforced polyester, consisting of an outside sleeve and center shaft. Sleeve shall provide bearing surface for roller tube and rotate freely on center shaft, providing smooth, quiet and long wearing operation.
- x. **Installation Brackets:** Brackets shall be of atomized steel powder coated to give superior finish. Bracket shall accommodate overhead, side or face mounting with clutch assembly on either end of the roller.



- xi. **Bottom weight:** Bottom of the blind shall be provided with aluminum tube powder coated in a color matching to the fabric. The fabric shall be enclosed in the suitably created pocket along with the tube. The tube shall be closed from sides with end caps to give a neat look for roller tube and rotate freely on center shaft, providing smooth, quiet and long wearing operation.

### **LIST OF APPROVED MAKES**

<b>No.</b>	<b>Name of Item</b>	<b>Approved Makes</b>
1	Ply	IS 710: Century Club Prime, Everest, Anchor, Green, Samrat
2	AAC block	Ultratech, Birla, Siporex
3	Cement	Ultratech, Ambuja, JK
4	Aluminum 16g	Jindal, Hindalco, NALCO
5	Acoustic Insulation	3M/Rockwool/Aural Exchange
6	Door Sensor	Dorma, Ozone, Geze
7	Switchable Glass	FG glass, AIS, Glasstronn
8	Solid acrylic	12mm thickness, Hanex, Corian, Staron
9	Carpet	Modulyss/Shaw/MMT
10	Carpet Edge	IQUBX
11	Gypsum Ceiling	Knauf/ India Gypsum/ Gyproc
12	Perforated Ceiling	Knauf/Gyproc
13	Sofa	Featherlite, Monarch, Godrej
14	Rolling blinds	Hunter Douglas, Vista, MAC
15	Hardware	Dorma, Hafele,
16	Paint	Asian, ICI, Birla,
17	Hardware	Ozone, Dorma, EBCO
18	Laminate	AICA, Merino, Green
19	Glass (clear)	Asahi, St Gobain

20	Sofa	Featherlite/ Godrej
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**NOTE:**

- i. Wherever applicable only B.I.S. marked first class materials are to be used. In other cases where B.I.S. specifications/certifications are not available the superior range of quality materials are to be used, and all the products got approved by the Consultant/NABARD.
- ii. The Consultant/NABARD reserves the right to specify a particular brand name of a product, in his sole discretion, for use in the contract. No excuse from the contractor as regards variation in rates, in this context will be valid.
- iii. All dimensions mentioned for all wooden sections (covered or exposed) are "OUT OF" dimensions. All site items procured by the contractor from the manufactures, such as ply, veneer, laminates, wood, Italian marble, ceramic tiles etc., shall be within the allowable tolerances as specified by the manufacturer.

**ELECTRICAL WORKS**

- i. The whole of the electrical installation shall be carried out by a major registered licensed Electrical Contractor's firm.
- ii. The electrical installation shall include the supply of the whole of the materials and the work of fixing, necessary for the complete installation. The work shall be carried out in strict accordance with the latest edition of the Regulations for the Electrical Equipment of Buildings issued by the Institute of Electrical Engineers I.E. rules and to the satisfaction of and in accordance with rules, regulations, and requirements of the supply company and the Fire department all to the entire satisfaction of the Consultant & NABARD.
- iii. The positions of all points and equipment shown on the drawings shall be assumed to be correct for the purposes of tendering, but it is the main contractor's responsibility to check the exact positions on the site before commencing the works.
- iv. The makes of material recommended are as shown below. The offers shall be strictly on the basis of the makes indicated. However, the bidders can offer alternative makes. Such deviation shall follow with technical literature of the material/equipment offered. Make/ Model no./ Catalogue no. of all major items such as transformer, HT Switchgear, MV switchgear, DBs, cables, wires, light fittings confirming to latest B.I.S code, shall be indicated separately by the contractor for the proper technical evaluation of offers.

**NOTE:** This specification is of the general type only and must be used in conjunction with the drawing of the particular item being made. Anything shown on the drawing and not in the specification must be compiled with, and vice versa.

Mark the routing on drawings and at site and get it approved, if the routes are not available on drawings. Cable trays to be used for cables laid indoors except for single cables. The cable trays shall be of ladder type fabricated out of structural steel, GI perforated, or Aluminum perforated as indicated. The cable trays shall be of adequate strength to carry the weight of cables without sagging. Structural brackets grounded in the buildup trenches to support the cable such supports shall be at intervals of not less than 750 mm centers. All the structural steel work shall be finished with two coats of paint over primer.

### **Cabling for Security & Surveillance System:**

#### **CCTV**

- i. From all camera point to Server room one co axial cable of Rg-6 (Polycab 75 ohm shall have compulsorily copper shielding) and one 2 core x 1.0 sq mm flexible cable polycab.
- ii. One Rg-6 (polycab 75 ohm) and one 4 core x 1.0 sq mm shielded cable from Server room to Experience Centre where the MONITOR is placed.
- iii. Arrange for the 230 V Ac 5 Amp plug point in the server room where DVR will be placed and also near monitor in the cabin.
- iv. Supply to the CC TV system from UPS.

#### **Fire Alarm System**

- i. 1.5 x 2 core armoured cable or 1.5 x 2 core flexible cable in heavy gauge PVC conduit from fire panel to zone one detectors and zone two detectors.
- ii. 1.5 x 2 core armoured cable or 1.5 x 2 core flexible cable in heavy gauge PVC conduit from response indicator to that particular detector.
- iii. Divide the whole areas into 2 zones. cabling in one zone has to be in multi drop style and has to terminate at the last detectors in the particular loop. Break glass is also considered as detector in the zone.
- iv. 1.5 x 2 core armoured cable (Finolex or Polycab) from fire panel to both hooters.
- v. 1.0 sq mm x 4 core flexible (Finolex or polycab) from fire panel to Panic switch in multi drop style.
- vi. 1.0 sq mm x 4 core flexible (Finolex or polycab) from fire panel to Manager's cabin for the reset key switch.
- vii. UPS supply point near fire panel.

#### **Access control System**

- i. sq mm x 4 core shielded Copper cable from Access panel to PC and to both the readers.
- ii. 1.0 sq mm x 4 core flexible from access panel to Lock at the top of door frame of server room.
- iii. UPS supply point near the access panel.
- iv. Automatic Door System: 230 V Ac 5 Amp plug point near the automatic door at the top on any one side.

NOTE: Also make sure that 1.5 sq mm x 4 core flexible copper cable is drawn from fire panel to main automatic sliding door and same cable from fire panel to Access panel to integrate all system internally.

### **LIST OF APPROVED MAKES**

<b>S. NO.</b>	<b>Items</b>	<b>Approved Makes</b>
1.0	MV SWITCHGEAR	
1.1	MCCB	Schneider, L& T, Legrand
1.2	MCB/DB	Schneider, L& T, Legrand
1.3	ELCB/RCCB	Schneider, L& T, Legrand
1.4	HRC fuses	Schneider, L& T, Legrand
1.5	Starters and contactors	Schneider, L& T, Legrand
1.8	Panel fabrication	To CPRI specs.
2.0	CABLING	
2.1	Cables	FRLS: Finolex / Polycab/ RR Kabel
2.2	Glands	Commet, DowelsSiemens
2.3	Lugs	Dowel, Ismal, Jainson
3.0	WIRING	
3.1	PVC conduit	Precision Plastic Industries,
3.2	Switches & Socket	Norisys, Legrand, Panasonic
3.3	MS Accessories & Accessories	BEC, VIMCO, BI, NIC
4.0	LIGHT FITTINGS & FANS	
4.1	Light fittings	Phillips, Wipro, Hybec, Legero
4.2	Access control	HID, Honeywell, Cardex
4.3	Telephone cables	Finolex/Polycab
4.4	Data/Voice cable, I/O	Avaya, Molex, Panduit, AMP,

## **HVAC SYSTEM**

### **SPECIFICATION OF EQUIPMENT/MATERIAL AND INSTALLATION STANDARDS FOR AIR-CONDITIONING WORKS:**

#### **1. SPLIT UNITS: - CONDENSING UNIT (OUT-DOOR UNIT): -**

- i. The compressor shall be hermetically or semi-hermetically sealed and designed for continuous operation even at high ambient temperatures of 46°C. The condenser shall be air cooled made of CU tubes with extended aluminum fins. Cabinets shall be fabricated copper out of heavy gauge steel, properly formed for close fit and structural rigidity.
- ii. All access panels shall be so constructed as to be quickly and easily removable. All outside surface shall be finished with powder coating for protection against humid weather. The condenser fans shall be directly driven and designed to achieve low condensing temperatures & operate continuously and silently.

#### **2. EVAPORATING UNIT:-(INDOOR UNIT)**

- i. The cooling coils shall be made of copper tubing having extended aluminum fins. The tube shall be mechanically expanded for positive bonding between tube and fins.
- ii. The cooling coils circuit shall be fed with liquid refrigerant through the expansion device and distributor.
- iii. The blower shall be statically and dynamically balanced and designed for silent operation at required airflows rates against required static pressure. The filters shall be washable synthetic media type arranged for convenient cleaning and replacement.
- iv. The drain pan shall be fabricated out of heavy sheet steel. The casing shall be of heavy gauge G.I. duly powder coated for weather protection.

**NOTE:** All outdoor unit's shall be mounted on floor mounted types M. S. Angle frame structure. The M.S Angle frame structure shall be painted with enamel paint. The shade of the paint shall be approved by the consultant/ NABARD.

#### **3. CONTROLS AND INTERLOCKING:** Electrically / electronically / operated controls shall be provided with all equipment's. Auxiliary relays, capacitors including wiring for controls and interlocking.

#### **4. DRAIN PIPING:**

- i. Condensate from the evaporator unit shall be drained through properly installed drain piping designed to prevent any accumulation of condensate in the drain pan. Drain piping shall be made of 1.1/4" dia. Connection, leading from the room unit to a suitable drain point. complete drain piping shall be made leak proof & watertight by means of

precise installation & the use of leak proof sealant / adhesives. Insulation of drain piping by expanded Polyethylene.

- ii. All holes in concrete, masonry etc. made by A/C contractor for fixing supports etc. shall be made good and restored to original finish by him.

5. TESTING:

- i. After completion all such system shall be tested for leakage of air & water.
- ii. The entire air distribution system shall be balanced to supply the air quantities as required in various zones and rooms to maintain the specified room conditions. The final shall be recorded and submitted to the consultant for approval before acceptance and taking over the entire system by the Architect.

6. PAINTING: Angle iron flanges, stiffeners, hangers and supports shall be painted with 2 coats of anti-rust primer and those remaining uncovered shall be further painted with 2 coats of synthetic enamel paints of black color.

7. ELECTRICAL WORK: The electrical work will be carried out as per IE rules. The Electrical Contractor will provide incoming power cable with earthing near split unit's panel. And for the smaller units at their condensers, so as to avoid the fire due to electrical faults.

8. REFRIGERATION PIPING & INSULATION: The refrigeration piping between indoor and outdoor units will be carried out with good quality soft/ hard copper piping. The complete piping work shall be insulated with formed sections of expanded polyethylene. The piping shall be clamped with GI saddles with wooden strips with walls.

9. MODE OF MEASUREMENT: All painting works shall form part of the cost equipment, piping, etc. No separate payment shall be provided.

10. TESTING OF AIR CONDITIONING SYSTEM; -

- i. Routine and types tests for various items of equipment shall be performed at the contractor's work and the test certificates furnished. Functional test shall be conducted at site
- ii. The performance test to determine whether or not the full indent of the specification is met shall be conducted by the contractor. After notification to the Employers that installation has been completed and the plant has run continuously for a period of at least two weeks the contractor shall conduct under the direction of the Architect and in the presence of Employers representatives test, such test as specified to

establish the capacity of various equipment supplied and installed by the contractor.

- iii. The contractor shall operate test and adjust the air conditioning system units, fans, motors all air conditioning appliances including adjustment of regulators, dampers etc.
- iv. All test equipment. labor, operating personnel, oil and refrigerant required for this test shall be furnished by the contractor to enable the plant to be put in continuous running test for a period of 3 days after all other tests and adjustments have been made.
- v. The contractor will be provided with electrical power water for testing by the client. The performance test shall be conducted during peak summer and peak monsoon.

11. FUNCTIONAL TESTS: -

- i. ELECTRICAL EQUIPMENT: All the cables shall be tested for continuity and absence of cross phasing. Insulation resistance between the phase conductors and earth shall be measured with help of 500 v megger
- ii. CAPACITY CONTROLS: The capacity control arrangement shall be tested by varying the load on the system. Any other procedure recommended by the manufactures may be adopted with the prior permission of the and Architect.

12. MODE OF MEASUREMENT: -

- i. FOR CASSETTE A.C: The entire split unit without-door and in-door unit with DX coil and all accessories, Starters, Controls, Control panel, Control Wiring, Refrigerant charge, Oil etc. Erection, Commissioning and testing shall be regarded as one unit for purpose of measurement.
- ii. PIPING:
  - a. Piping will be measured in running lengths (Meters).
  - b. No special measurement of bends, elbows, reducer, expanders, tees, cross etc. will be made. All such fittings / accessories will be treated as normal piping.
  - c. The length of the piping including accessories and fittings will be measured along the center line of piping.
- iii. ELECTRICAL WORK: -
  - a. All cables shall be measured in running lengths as finally installed at site. No wastage measurement will be allowed.
  - b. Control cable/ wiring for a plant inside the plant room shall be treated as a lump sum item.
  - c. All measuring instruments indicating lamps, etc shall form part of the equipment specified and no separate measurement shall be made for such items.

**NOTE:** - Contractor should note that all the measurements should be carried out strictly as per mode of measurement stated above. However, all the work should be carried out as per relevant I.S codes specified.

### **LIST OF APPROVED MAKES**

<b>S. No</b>	<b>ITEM</b>	<b>APPROVED MAKE</b>
1	OUTDOOR UNIT	Daikin, Mitsubishi, LG New Generation, Samsung
2	INDOOR UNIT	Daikin, Mitsubishi, LG New Generation, Samsung

### **AUDIO- VISUAL EQUIPMENTS:**

#### **1. Asymmetric Video Wall:**

- i. Videowall Display: 500nits, Dynamic Contrast Ratio 500000:1, 1.8mm Bezel to Bezel, Artistic Immersion, Overwhelming Captivation, Seamless Large Screens with Extreme-Narrow Bezel, Higher / Wider Viewing Angel, Dedicated GUI for Portrait Orientation, Dimensions Covered: 15.91 Feet X 4.48 Feet.
- ii. Videowall Mount: Professional video wall mount with versatile and universal compatibility, Load capacity of 70kg/154lbs and max. VESA 600x400 hole pattern, to extends 325mm from the wall and retracts to 120mm, Push Pull Functionality With 4 Corner Adjustment With lateral Shift And 6 Micro adjustment tool less micro-adjustments will be a robust structure loaded with time-saving features like tool less micro-adjustments and easy access to the display for quick serviceability.
- iii. Following connectors to be provided: - HDMI In (2 each) HDMI In (HDCP version) RGB in, Audio In,
- iv. RS232C in, RJ45 (LAN) In, USB In, USB3.0 Type A (3 each) USB 2.0 Type A (1 each) USB Type (1 each) HMDI out, Audio Out, Touch USB: USB 2.0 Type B (2 each) RJ45(LAN)out.
- v. All accessories required such as Power cord, USB cable, HDMI cable, Remote control with batteries, Wi-Fi module and Floor stands to be included in the quoted rate as one composite package. The Bidder shall provide the design for approval.
- vi. Proprietorial CMS License for Content Pushing.

#### **2. Interactive Video Wall (History Wall):**

- i. The display area shall consist of active LED with 1.2mm Pixel Pitch with Touch Overlay. Module resolution (WXH) 240X270MM, Module resolution 300x337.5, Optical specifications, Max Brightness (after calibration) 600 nits, Color temperature (k) 3200-9300, Visual viewing angle ( horizontal) 160 deg, Visual viewing angle ( vertical) 150 deg. Brightness 97% Contrast ratio 5000:1,



Contrast ratio 14, IP rating IP50 Certification: CE, FCC, cTUVus, CB,KC,CCC, Class C. Diagonal Size: 196 inch, Size: Width (4.8 meter x 1.35 meter) with resolution of 5120X1348, LED Cabinets: 35 units.

- ii. The Cabinet material Die Cast Aluminum, Service access shall be following connectors to be provided: - HDMI In(3ea) HDMI In (HDCP version) RGB in, Audio In, RS232C in, RJ45 (LAN) In, USB In, USB3.0 Type A (4 each) USB 2.0 Type A (1 each) USB Type C(1 each) HMDI out, Audio Out, Touch USB: USB 2.0 Type B (2 each) RJ45(LAN) out.
- iii. All accessories required such as Power cord, USB cable, HDMI cable, Remote control with batteries, Wi-Fi module and Floor stands to be included in the quoted rate as one composite package. The Bidder shall provide the design for approval.
- iv. LED Controller: 1 (proprietary controller for input purpose).

### 3. **Spherical LED Globe:**

- i. A spherical LED Globe with customized welcome message.
- ii. The pixel pitch shall be 2mm, diameter shall be 1.5m, scan mode 1/16, pixel configuration 3 in 1, with LED lamp, Pixel density 62,500, brightness (cd/sq.m) 1000, maintenance shall be on front side, cabinet shall be in steel, IP rating to be IP 43, Color contrast ratio 5000:1, refresh frequency 1920 HZ/3840 HZ, View angle 160 deg. All connectivity hardware along with appropriate proprietary software is to be provided. The globe shall be connected to CMS. The globe shall rest on M.S. base cable of taking appropriate load, finished in 12mm thickness acrylic finish (same as that used in interiors)
- iii. Following connectors to be provided: - HDMI In (4 each) HDMI In (HDCP version) RGB in, Audio In, RS232C in, RJ45 (LAN) In, USB In, USB3.0 Type A (4 each) USB 2.0 Type A (1 each) USB Type C(1 each) HMDI out, Audio Out, Touch USB: USB 2.0 Type B(2 each) RJ45(LAN) out.
- iv. All accessories required such as Power cord, USB cable, HDMI cable, Remote control with batteries, Wi-Fi\_\_\_33 module and Floor stands to be included in the quoted rate as one composite package. The Bidder shall provide the design for approval.

### 4. **PROJECTOR**

Projector Type	LCD Projector
LCD Panel	
Panel Size	16.3mm
Aspect ratio	16:10
Number of pixels	1920*1200 pixels
Light Source	Laser diodes
Light Output	5200lm
Resolution	WUXGA (1920*1200)

Contrast Ratio	3000000:1
Screen size (diagonal)	2.03-3.05M
Lens (Throw ratio)	F1.7, f2.81mm
Lens Shift	Fixed
Filter replacement cycle	20000hrs
Installation	Ceiling/ floor, front/ rear (free 360 degree)
Terminals	HDMI in (19 pinx2) HDMI out (19pin x1) Computer in (D-sub 15 pin x1) Audio in (M3X1) Audio out (M3X1) Serial in (D sub 9 pinx1(RS-232C)) LAN/DIGITAL LINK (RJ 45X1) LAN (RJ 45X1) USB (UBS type A x 1)
Built in speaker	10 w (mono aural)
Operation noise	34db (normal) 25db (quiet)

5. **Floor Mounted Standee to be provided in sizes 32” 43”, 55” 65” shall be of the following**

i. **Specifications: -**

- a. **Panel Specification:** The panel shall be of IPS technology, with direct back light type. The aspect ratio shall be 16:9, with native resolution of 3840x2160(UHD) with refresh rate of 60HZ. The brightness shall be of 440 nits with dynamic CR of 5000:1. Viewing angle to be of 178 degrees with Color gamut of NTSC 72% with color depth of 16.7 million colors. Response time will be 8ms. The operational mode shall be Portrait or Landscape as per requirement.
- b. **Connectivity:** Following connectors to be provided: - HDMI In(3ea) HDMI In (HDCP version) RGB in, Audio In, RS232C in, RJ45 (LAN) In, USB In, USB3.0 Type A (4 each) USB 2.0 Type A (1 each) USB Type C (1 each) HMDI out, Audio Out, Touch USB: USB 2.0 Type B( 2 each) RJ45(LAN)out.
- c. **Mechanical Specification:** The unit shall be mounted on MS frame of square pipes to take in the appropriate load and with connecting brackets, concealed conduits, race ways switch/boards as per requirements. The finishing materials shall be 12mm thick solid acrylic surface (same as that specified for interior work)

ii. **Features:**

- a. The hardware will have internal memory of 64GB, Wi-Fi/BT should be built in along with Auto Brightness Sensor with power indicator. The

- software should have booting image, PIP, PBP(2pbp) Screen share feature, with energy saving and Wake on LAN.
- b. The available object size for touch shall be 2mm diameter, The response time shall be 5ms with of +/- of 1mm, Interface will be USB 2.0 type, the Protection glass thickness will be 3mm (Anti-glare) with transmission of 88%. The operating system supported will be Window 10 and above/Linux/Mac/Android). The multi touch panel will have 40 points(windows) and 32 points (Android).
  - c. The CPU shall be Quad core A55, GPU: Mail G52 Multicore 2, Memory will be 8GB, Storage 64 GB, WIFI, 802.11a/b/g/n/ac/ax (Wi-Fi 6), LAN Gigabit LAN, Bluetooth 5.0, OS ver. Android 13. OPS compatibility is required along with power built in, along with software compatibility. The language to be used is English.
  - d. All accessories required such as Power cord, USB CABLE, HDMI CABLE, WRITING PEN (2 pieces) Remote control with batteries, Wi-Fi module and Floor stands to be included in the quoted rate as one composite package. The Bidder shall provide the design for approval.

## 6. **Multi –Touch Table**

- i. Table Structure and Display:
  - a. Dimensions: 10 feet (width) x 4 feet (depth) x 30 inches (height, adjustable).
  - b. Surface: Tempered glass or acrylic with anti-glare coating.
  - c. Display: Interactive LED, 3840 x 1920 resolution (8K optimal: 7680 x 4320), Projected Capacitive (PCAP) or Infrared (IR) for touch, with 40+ touch points and a 16:9 aspect ratio.
- ii. Touch and Sensor Technology:
  - a. Touch Technology: Projected Capacitive (PCAP), supports 40-100 simultaneous touches with 10ms or faster response time.
  - b. Sensors: Optical/Infrared for touch detection, with advanced gesture recognition (multi-finger, swipe, zoom, rotate).
- iii. Processor, Computing, and Connectivity:
  - a. Processor: Intel i7/i9 or AMD Ryzen 7/9 with NVIDIA RTX GPU.
  - b. RAM: 16 GB (32 GB preferred), 500 GB SSD (expandable).
  - c. Connectivity: Wi-Fi 6, Ethernet, Bluetooth, and USB 3.0/3.1.
- iv. Power, Software, and Audio:
  - a. Power: 240V AC, 300W-600W consumption.
  - b. OS/Software: Windows 10/11 or Linux, with multi-touch software.
  - c. Audio: Built-in stereo speakers, optional surround sound for immersive experience

## 7. **Head Mounted Device**

- i. Display and Performance:
  - a. Dual 4K+ LCD displays (over 8K total resolution)
  - b. 90 Hz refresh rate, 110° FOV, 500 nits brightness, high contrast ratio

- c. Hand tracking support with 6DoF inside-out SLAM, 6 cameras for 360° tracking
- ii. Battery & Connectivity:
  - a. Rechargeable Lithium-ion battery (3-5 hours life), USB Type-C charging (2-3 hours charge time)
  - b. Wi-Fi 6, Bluetooth 5.0, USB Type-C for wired connections
- iii. Audio & Ergonomics:
  - a. Built-in stereo/spatial audio, directional microphone, 3.5mm headphone jack
  - b. Adjustable head strap, breathable face padding, IPD adjustment, ventilation system.
- iv. Compatibility & Accessories:
  - a. Compatible with Windows, macOS, Android, and VR/AR apps
  - b. Includes USB-C charging cable, adjustable head strap, cleaning cloth, and optional carrying case.

## 8. Transparent LED Curtain

- i. Display & Performance:
  - a. Max size: 3m (W) x 2m (H), Active LED with 2.9mm pixel pitch, transparent when powered off.
  - b. Full HD resolution, 1000 nits brightness, 60 Hz refresh rate, wide 160° viewing angle, 90% DCI-P3 colour gamut
- ii. Connectivity & Control:
  - a. Ports: HDMI, DisplayPort, USB-C, optional wireless.
  - b. Integrated control system for brightness, contrast, and power management, supports media playback via USB/streaming
- iii. Installation & Mounting: Includes mounting hardware (brackets, screws, fasteners), compatible with fixed and adjustable mounts for both indoor and outdoor use
- iv. Power, Durability & Maintenance:
  - a. Low power consumption (AC 110-240V), energy-efficient design
  - b. Scratch-resistant, weatherproof, UV-protected, easy-to-clean surface, with technical support for installation and maintenance

## 9. Augmented Reality Table

- i. Dimensions and Material:
  - a. Table: 6' (W) x 2'6" (H) x 2' (D), made from high-strength steel or aluminium frame, with a high-density plywood or MDF surface laminated in a neutral matte finish (light grey, beige, or off-white).
  - b. Models: 6' (W) x 2'6" (H) x 2' (D) FRP or GRP material for lightweight, durable village models with intricate details.
- ii. Stability, Load Capacity, and Durability
  - a. Table: Designed to support with metal or reinforced wooden legs, non-slip rubber feet for stability, and adjustable feet for levelling on uneven surfaces.
  - b. Models: FRP offers high durability, UV protection, impact resistance, and moisture resistance for long-lasting performance.

- iii. Surface and Finish
  - a. Table: Scratch-resistant, flat surface to avoid glare, providing optimal AR visibility.
  - b. Models: Smooth, polished, matte or satin finish with detailed carvings to replicate village elements, painted with non-reflective colours to prevent interference with AR.
- iv. Optional Features
  - a. Table: Built-in LED lighting or under-table lighting for AR enhancement, plus power outlets for equipment.
  - b. Models: Optional AR interactivity using sensors or AR markers for triggering virtual content, and modular design for easy handling, assembly, and transport.
- v. Weight and Ease of Use
  - a. Table: Lightweight yet sturdy enough to support AR-related equipment, with a weight capacity sufficient for holding models and additional tech.
  - b. Models: FRP models depending on complexity, making them easy to handle and transport while maintaining stability for AR viewing.

## 10. **Multimedia Audio Guides**

- i. Platform & Device Specifications
  - a. Platform: Android (min SDK 8.0, API 26)
  - b. Devices: Optimized for 15-inch Android tablets (16:9/16:10 aspect ratio)
  - c. Resolution: 1920x1080 (Full HD) or 2560x1600
  - d. Touchscreen: Multi-touch capacitive, supports gestures (tap, swipe, pinch)
  - e. Storage: Min 2GB RAM, 16GB storage (4GB+ RAM, 32GB preferred)
  - f. Processor: Qualcomm Snapdragon 600-series or equivalent ARM
- ii. User Interface (UI) & Design
  - a. Layout: Adaptive, responsive design for various screen sizes
  - b. Orientation: Portrait & Landscape modes
  - c. Accessibility: Complies with accessibility guidelines (colour contrast, screen readers)
  - d. Theme: Dark and Light Mode options
- iii. Multi-lingual Support
  - a. Languages: Primary & secondary (toggle via settings)
  - b. Language Selection: Auto-detect or manual switch
  - c. Language Toggle: Accessible within app settings or floating button
- iv. Features & Functionality
  - a. Interactive Content: Images, videos, forms, animations
  - b. User Inputs: Touch, voice commands, and text input in both languages
  - c. Multimedia: Audio/video playback, real-time updates
  - d. Push Notifications: Alerts in the selected language
  - e. Offline Support: Local data storage with sync when online

## LIST OF APPROVED MAKES

S. No	Product Description	Approved Make	Indicative Make & Model
A	<b>AUDIO SOLUTION</b>		
A1	Ceiling Speakers:	Biamp/BOSE/QSC	Biamp & CM20DTS
A2	Power Amplifier:	Biamp/BOSE/QSC	Biamp & REVAMP4120T
A3	Digital Signal processor:	Biamp/BOSE/QSC	Biamp & Tesira Forte DAN CI
A4	Wireless receiver:	Shure/Sennheiser/AKG	Shure & MXWAPT8
A5	Bodypack Transmitter	Shure/Sennheiser/AKG	Shure & MXW1
A6	Cardioid Lavalier	Shure/Sennheiser/AKG	Shure & MX150B/O-TQG
A7	Ear set Head worn	Shure/Sennheiser/AKG	Shure & MX153T/O-TQG
A8	Wireless Handheld Transmitter:	Shure/Sennheiser/AKG	Shure & MXW2/SM58
A9	Networked Charging Station	Shure/Sennheiser/AKG	Shure & MXWNCS4
B	<b>VIDEO SYSTEM</b>		
	WELCOME ZONE		
B1	Interactive Standee at Reception -	Custom Design	Custom Design
	Location: Signage Area		
B2	Floor mounted Standee -	Custom Design	Custom Design
	Location: Signage Area		
	FEEDBACK (AUDIO VIDEO Recording)		
B3	32" Floor mounted interactive standee -	Custom Design SAMSUNG	Custom Design
	Location: Feedback Recorder before Exit		
	VISITORLOUNGE+DEEPDIVE INFORMATION (MULTITOUCH TABLE)		
B4	65" Floor mounted interactive display	Custom Design LG/SAMSUNG	Custom Design
	Location: Multi-touch Table		

S. No	Product Description	Approved Make	Indicative Make & Model
	ASYMMETRIC VIDEO WALL		
B5	Active LED Type	LG/Samsung/Unilumin	Unilumin & ULWIII 1.5
	Location: Reception Wall		
	HISTORY & MILESTONE (INTERACTIVE VIDEO WALL)		
B6	Active LED Type 2	LG/Samsung/Unilumin	Unilumin & Umini 0.9
	Location: Wall with interactive LED for History & Milestone area		
B7	Active LED Type 3	LG/Samsung/Unilumin	Unilumin & ULW III 1.8
	Location: Diorama Wall		
	VISION & FUTURE PLANS		
B8	Active LED Type 4	LG/Samsung/Unilumin	Unilumin & UVF-2
	Location: Transparent LED curtain		
	WELCOME ZONE		
B9	Active LED Type 5	LG/Samsung/Unilumin	Unilumin & OF - 2
	Location: Globe at Reception		
B10	Projector -	Panasonic/Christie/Barco	Panasonic & PT-CMZ50
	Location: Diorama Area		
B11	Videowall Processor Type 1-	StremeTech/Extron/Barco	StremeTech & R47-4FN-4U-Y
	Location: For History & Milestone area & Diorama Area		
B12	Videowall Processor Type 2 -	StremeTech/Extron/Barco	StremeTech & R27-4FN-4U-Y
	Location For Reception & Globe		
B13	Signage Player -	StremeTech/Brightsign/Tv play	StremeTech & STP 02
	Location Across the Room		
B14	Signage Server -	Dell/HP/Lenovo	StremeTech
	Location Common Device		
B15	Content Server	Dell/HP/Lenovo	StremeTech
	Location Common Device		

S. No	Product Description	Approved Make	Indicative Make & Model
B16	Touch Overlay	WEXPERIENCE Centrex/Vtech/Equi	Vtech & V-OVL
	Location Wall with interactive LED for History & Milestone area		
	360 DEGREE VIRTUAL WALKTHROUGH PROJECTS		
B17	Head mounted display	Apple/Meta	Meta & Quest 3
	Location VR Booth		
B18	USB Extender	Crestron/Extron/Light ware	Crestron & ModelUSB-EXT-2 KIT
	Location History & Milestone area		
B19	Wireless Presentation	Crestron/Extron/Light ware	Crestron & AM-3100-WF-1
	Location History & Milestone area		
B20	HDMI Switcher -	Crestron/Extron/Light ware	Crestron & HD-MD4X1-4KZ-E
	Location History & Milestone area		
C	CONTROL SYSTEM		
C1	Control processor	Crestron/Extron/Light ware	Crestron & CP4N
C2	Lighting Controller	Crestron/Extron/Light ware	Crestron & DIN-DALI-2
C3	Relay Controller	Crestron/Extron/Light ware	Crestron & DIN-8SW8-I
C4	Occupancy Sensor	Crestron/Extron/Light ware	Crestron & GLS-ODT-C-CN
C5	Touch Panel	Apple/Samsung	Apple & IPAD
D	INSTALLATION EQUIPMENT		
D1	Custom mount Type 1 -	Custom Design	Custom Design
D2	Custom Table -	Custom Design	Custom Design
D3	Projection Glass -.	Custom Design	Custom Design
D4	Touch panel Mount	iPort/Heckeler/Vogel's	iPort



<b>S. No</b>	<b>Product Description</b>	<b>Approved Make</b>	<b>Indicative Make &amp; Model</b>
D5	HDMI cable	Kramer/Crestron/Extron	Kramer & C-HM/HM-6
D6	USB Cable	Kramer/Crestron/Extron	Kramer & C-USB/AB-6
D7	Network Switch	Netgear/Cisco/Extreme	Net gear & GSM4230P
B8	Wifi router/access points	TP-Link/D-Link	TP-Link & TP-Link Router
D9	Cable Type 1	Kramer/Belden/Equi	Kramer & BC-2S Indicative Make & Model
D10	Cable Type 2	Kramer/Belden/Equi	Kramer & BC-1T
<b>S. No</b>	<b>Product Description</b>	<b>Approved Make</b>	<b>Indicative Make &amp; Model</b>
D11	Cat6 Cable	CommScope/ Net Connect/Schneider r/Equi.	CommScope & CommScope cat6
D12	42U rack	Val rack/Netrack/Middle Atlantic	Val rack & 42U
D13	PDU	Aten/Furman/Schneider	Aten & PE8108
D14	Miscellaneous Accessories & Connectors	Custom Design	Custom Design
E	Content Repurposing, Programming and Content Management System		
E1	Multimedia Audio Guides	Samsung, LG, Lenovo	

### **VIII Declaration in respect of approved make of materials/trade**

1. Unless otherwise mentioned any one of the approved makes or brands shall be allowed to be used. Other specific equivalent brands with BIS mark may be allowed to be used if approved by NABARD.
2. The bidder shall distinctly understand that it will not be their prerogative to insist on a particular brand from the list. Final selection will be done with the approval of NABARD.
3. Wherever contractor proposes to use equivalent makes (i.e. other than specified), the same shall be done after prior approval of the NABARD. Any additional expenditure and time due to this shall be solely on contractor's account and no claims whatsoever shall be entertained in this regard.
4. If the schedule of quantities prescribes a particular brand of materials or fittings, the same shall be considered while quoting the rates.

#### **SAMPLES FOR APPROVAL**

Contractor, before supply of material should show the samples of all the materials to the bank and get it approved.

However, it should be noted that approval from the authorized representative of NABARD shall not relieve the contractor of his responsibility and any damage to the property or any loss of life due to the negligence in this regard shall be at the contractor's account.

**Date:**

**Place:**

**Seal & Signature of the contractor**

## **IX. Terms and conditions covering the Comprehensive Annual Maintenance**

1. Defect liability period is 01 year from the date of commissioning of the project and CAMC shall be 05 years from the completion of Defect liability period. In simple words, bidder has to quote the material with 01-year DLP & should quote, 05 years CAMC value in the price bid with support of service resident Engineer for 05 years. The final BID value will be considered on the basis of the total sum of the schedule of quantities. CAMC charges will be paid on a quarterly basis after service (no advance). Payment for service resident engineers shall be paid on a monthly basis. In the case of absenteeism of service resident engineer, payment shall be deducted on a pro-rata basis. CAMC will be comprehensive (all parts + labor) and including all taxes.
2. Service Resident Engineer should be available during working hours or beyond working hours, if required, on all working/non-working days, to set up and keep the Experience Center ready for smooth functionality. Alternate service resident engineer should be made available in case of absence of the actual resources. In case, if required, the resource should be available on weekends or national holidays.
3. If material supplied to NABARD is from the stocks of the bidder, then they have to produce the letter from OEM that it is their genuine material with date of procurement along with serial number and model description.
4. Active LED screens, Projectors, Multi-touch table, VR booth/ Head Mounted Device should be from OEM only. Customization/local fabrication of the Active LED screen & Display Screen is not allowed. System integrator/ contractor has to provide a letter from OEM stating the complete model no. along with serial no. in order to ensure compliance.
5. The contractor should have proper and adequate support mechanism in place at Mumbai to provide all necessary support under this project through their own support offices only. The contractor must also have a centralized help desk for logging of all the service complaints. The firm will arrange the spare parts within the stipulated time or will make standby arrangements at its cost.
6. Initially work order will be issued only for execution of work. The work order for CAMC & Service Engineer shall be issued subsequently.
7. During the Defect Liability Period (DLP), the bidder must provide quarterly site visits to ensure the proper functionality, maintenance, and performance of the installed AV & Allied Systems.
8. The annual increase in CAMC amount beyond the 05-year period will be as per Indian Electrical and Electronics Manufacturers Association (IEEMA) formula or mutually decided between NABARD and Bidder.
9. The terms and conditions of maintenance of services required after commissioning, i.e. during warranty and CAMC period as specified, will be applicable both during warranty and CAMC. The objective of the quarterly site visits during the Defect Liability Period (DLP) is to ensure the ongoing

functionality, performance, and maintenance of the AV systems installed by the successful bidder. The visits aim to identify and rectify any defects, issues, or deficiencies in the AV systems, ensuring their optimal operation and client satisfaction.

10. Scope of Work for Quarterly Site Visits for 01 Year in Defect Liability Period shall include the following:

i. System Inspection and Testing:

- a. Conduct a thorough inspection of the AV systems, including Active LEDs, VR booth, projectors, multi touch table, audio devices, and control systems.
- b. Perform functional testing to verify that the systems are operating according to the agreed specifications and performance standards.
- c. Identifying any defects, malfunctions, or non-compliance with the tender requirements and document them for rectification.

ii. Defect Rectification:

- a. Address and rectify any defects or malfunctions identified during the inspection.
- b. Ensure that any identified issues are corrected efficiently and timely to ensure optimal performance of the AV systems.
- c. Collaborate with the bidder to resolve any issues and restore the systems to full functionality.

iii. Preventive Maintenance:

- a. Perform preventive maintenance tasks, such as cleaning and maintaining equipment (e.g., Active LEDs, Diorama, projectors, Multi touch table, connectors).
- b. Check and update the firmware/software of the AV systems as necessary, including any required updates or patches.

iv. Documentation and Reporting:

- a. Prepare detailed reports after each site visit, documenting findings, actions taken, and any ongoing issues or recommendations.
- b. Maintain a comprehensive record of site visits, including dates, activities performed, and any materials or spare parts used.
- c. Provide regular status updates to NABARD, highlighting progress on defect rectification, maintenance tasks completed, and the overall health of the AV systems.

v. Scope of Services: Contractor will provide competent personnel, all the necessary labors, materials, equipment and tools for performing the following duties: -

- a. Provide comprehensive maintenance of contracted services and manage the processes and procedures to ensure reliable, safe and effective operation of the Contracted Services installations supporting the facility.

- b. Period of preventive maintenance — monthly to meet on an agreed timetable, at least once a month, with NABARD and prepare and submit monthly service performance reports to demonstrate that the AV system at the Experience Center is working at optimal level.
- c. To regularly review service performance reports and deal with any item that is identified as abnormal, faulty or defective and may result in disruption of Experience Center.
- d. Manage all situations of escalation in a professional manner to satisfactory Conclusion.
- e. Essential spare/materials schedules to be established and stock/condition controls maintained.
- f. Back up support staff to attend site for familiarity.
- g. Replacement resident Engineer to be educated and aware of site requirements well in advance to ensure continuity of service performance.
- h. Coordinate, supervise and carry out all maintenance work.
- i. Ensure that all works are carried out are in accordance with “Best Practice” and safety regulations, respond to alarm paging and emergency calls from NABARD, provide site attendance within the call-out time, and take all the necessary corrective actions to restore the service within the maximum downtime.
- j. Where the repair work has impact or risk of services interruption, escalate immediately to NABARD to schedule appropriate time for carrying out the necessary corrective actions.

### **X SAFETY CODE**

1. Appropriate precaution should be taken care of during the work.
2. The Contractor shall maintain in a readily accessible place first aid appliances including adequate supply of sterilized dressings and cotton wool.
3. An injured person shall be taken to a public hospital without loss of time, in cases where the injury necessitates hospitalization.
4. No portable single ladder shall be over 8 meters in length. The width between the side rails shall not be less than 30 cm clear and the distance between two adjacent rungs shall not be more than 30 cm. When a ladder is used an extra mazdoor shall be engaged for holding the ladder.
5. Care must be taken while unpacking. Band cutter should be used to cut all steel straps securing the package.
6. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
7. Workers employed on mixing and handling material shall be provided with protective footwear and rubber hand gloves.
8. Hoisting machine and tackle used in the works, including their attachments, anchorage and supports shall be in perfect condition.
9. The Employer reserves the right to instruct the Contractors to take additional safety precautions if found necessary.
10. All workers shall be provided with helmets, Safety Shoes, Safety belts, Safety Jackets and Safety Equipment for using Jhula.
11. All workers shall be provided with kits in order to ensure the COVID-19 appropriate behavior in the premises.

I/We accept to abide by the above scope of work & technical specifications.

Date:

Signature of tenderer

Place:

Name, Address & Seal

## Proforma of EMD credit details

**Comprehensive Tender for Developing Experience Center Including Interiors, SITC of AV Systems with Content Repurposing, Programming and Content Management System.**

**(EMD details to be filled by bidders)**

NAME OF THE ACCOUNT	NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT
BANK NAME	NABARD
BRANCH NAME	HEAD OFFICE, MUMBAI
IFSC CODE	NBRD00000002
ACCOUNT NUMBER (VAN)	NABADMN07

Name of the depositor	
Mode of transfer – Online (NEFT / RTGS)	
UTR No.	
Transaction date	
Amount deposited	
<b>** Attach Bank Statement showing amount debited from account, on or before last date of submission of Tender.</b>	

Date:

Place:

Signature with seal:

**PRE-CONTRACT INTEGRITY PACT**

**(To be submitted On Rs. 200/- non-judicial stamp paper)**

This pre-bid pre-contract Agreement (hereinafter called the Integrity Pact) is made on \_\_\_\_\_ day of the month of \_\_\_\_\_ between, NATIONAL BANK FOR AGRICULTURE AND RURAL DEVELOPMENT (NABARD), represented by Shri \_\_\_\_\_, CGM, NABARD, Head Office, Mumbai (hereinafter called the “Employer”, which expression shall mean and include, unless the context otherwise requires, his successors in office and assigns) of the First Part and M/s \_\_\_\_\_ represented by Shri \_\_\_\_\_ (hereinafter called “Bidder” which expression shall mean and include, unless the context otherwise requires, his successors and permitted assigns) of the Second Part.

WHEREAS the Employer proposes to carry out the work of “\_\_\_\_\_” and the Bidder is willing to offer/ has offered the quotes and

WHEREAS THE Bidder is a private company/ public company/ Government undertaking/ partnership/ registered export agency, constituted in accordance with the relevant law in the matter and the Employer is a body corporate established under NABARD Act, 1981 having its Head Office at Plot No. C-24, Block ‘G’, Bandra-Kurla Complex, Bandra (East), Mumbai.

NOW, THEREFORE,

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

Enabling the Employer to obtain the desired said stores/ equipment at a competitive price in conformity with the defined specifications by avoiding the high cost and the distortionary impact of corruption on public procurement and

Enabling Bidders to abstain from bribing or indulging in any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also abstain from bribing and other corrupt practices and the EMPLOYER will commit to prevent corruption, in any form, by its officials by following transparent procedures.

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



## **Commitments of the Employer**

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

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

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

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

## **3. Commitment of BIDDERS**

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

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

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

any other contract with the Bank for showing or forbearing to show favour or disfavour to any person in relation to the contract or any other contract with the Bank.

3.4 BIDDERS shall disclose the name and address of agents and representatives, and Indian BIDDERS shall disclose their foreign principles or associates.

3.5 BIDDERS shall disclose the payments to be made by them to agents/ brokers or any other intermediary, in connection with this bid/ contract.

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

3.7 The BIDDER, either while presenting the bid or during pre-contract negotiations or before signing the contract, shall disclose any payments he has made, is committed to or intends to make to officials of the EMPLOYER or their family members, agents, brokers or any other intermediaries in connection with the contract and the details of services agreed upon for such payments.

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

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

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

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

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

3.13 If the BIDDER or any employee of the BIDDER or any person acting on behalf of the BIDDER either directly or indirectly is a relative of any of the officers of the EMPLOYER, or alternatively if any relative of an officer of the EMPLOYER has

financial interest/ stake in the BIDDER's firm, the same shall be disclosed by the BIDDER at the time of filling of tender.

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

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

#### **4. Previous Transgression**

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

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

#### **5. Earnest Money Deposit (Security Deposit)**

5.1 While submitting commercial bid, the BIDDER shall deposit an amount Rs. \_\_\_\_\_ as Earnest Money/ Security Deposit, with the EMPLOYER through online in favour of NABARD

5.2 The Earnest Money/ Security Deposit shall be valid up to a period of one year or the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the EMPLOYER, including defect liability period, whichever is later.

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

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

#### **6. Sanctions for Violations**

6.1 Any breach of the aforesaid provisions by the BIDDER or anyone employed by it or acting on its behalf (whether with or without the knowledge of the BIDDER)

shall entitle the EMPLOYER to take all or any one of the following actions, wherever required:

- i. To immediately call off the pre-contract negotiations without assigning any reason or giving any compensation to the BIDDER. However, the proceedings with the other BIDDER(s) would continue.
- ii. The Earnest Money Deposit (in pre-contract stage) and/ or Security Deposit/ Performance Bond (after the contract is signed) shall stand forfeited either fully or partially as decided by the EMPLOYER and the EMPLOYER shall not be required to assign any reason thereof.
- iii. To immediately cancel the contract, if already signed, without giving any compensation to the BIDDER.
- iv. To recover all sums already paid by the EMPLOYER, and in case of an Indian BIDDER with interest thereon at 2% higher than the prevailing Prime Lending Rate of State Bank of India, while in case of a BIDDER from a country other than India with interest thereon at 2%, higher than the LIBOR. If any outstanding payment is due to the BIDDER from the EMPLOYER in connection with another contract for any other stores, such outstanding payment could also be utilized to recover the aforesaid sum and interest.
- v. To encash the advance bank guarantee and performance bond/ warranty bond, if furnished by the BIDDER, in order to recover the payments, already made by the EMPLOYER, along with interest.
- vi. To cancel all or any other contracts with BIDDER. The BIDDER shall be liable to pay compensation for any loss or damage to the EMPLOYER resulting from such cancellation/ rescission and the EMPLOYER shall be entitled to deduct the amount so payable from the money(s) due to the BIDDER.
- vii. To debar the BIDDER from participating in future bidding processes of the Government of India for a minimum period of five years, which may be further extended at the discretion of the EMPLOYER.
- viii. To recover all sums paid in violation of this Pact by BIDDER(S) to any middleman or agent or broker with a view to securing the contract.
- ix. In cases where irrevocable Letters of Credit have been received in respect of any contract signed by the EMPLOYER with the BIDDER, the same shall not be opened.
- x. Forfeiture of Performance Bond in case of a decision by the EMPLOYER to forfeit the same without assigning any reason for imposing sanction for violation of this Pact.

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

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

## **7. Fall Clause**

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

## **8. Independent Monitors**

8.1 The EMPLOYER has appointed Independent Monitor Shri Jagdeep Kumar Ghai [ P&TA, FS (Retd)] (hereinafter referred to as Monitor) for this Pact in consultation with the Central Vigilance Commission.

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

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

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

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

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

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

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

## **9. Facilitation of Investigation**

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

## **10. Law and Place of Jurisdiction**

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

## **11. Other Legal Actions**

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

## **12. Validity**

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

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

13. The parties hereby sign this Integrity Pact at \_\_\_\_\_ on \_\_\_\_\_.

EMPLOYER

BIDDER

Name of the Officer

Chief Executive Officer

Designation

NABARD

Witness

1.

2.

Witness

1.

2.

## General Information of the Bidder

S. No	Particulars	Details	
1	Name of the Firm		
2	Registered Address		
3	Telephone		
4	E-mail id		
5	Legal Status of the Applicant / Type of the organization: (Whether Partnership Firm / Private Limited company/ Public Limited Company / Co-operative Body)		
6	Date of Establishment of the firm		
7	GST Registration Number		
8	Turnover of the firm during the last 3 years	Year Ended on	Turnover in Lakhs (₹)
		31.03.2022	
		31.03.2023	
		31.03.2024	
9	Number of Architects/ Engineers with discipline on regular employment of the firm	Architects	Engineers
10	Name of Proprietor/ Partners/ Directors		
11	Number of years of Experience in execution of Similar Projects		
12	Number of Experience Center/ customer experience zones carried out and successfully completed during the last 10 years		
13	Names of Bankers and their full address (solvency certificate from the Bank shall be submitted separately by the Banker/s)		
14	A) State whether in-house expertise is available for all the works B) If not, details of sub-contractors to be involved in the project.		
15	Has the applicant or any constituent partner in case of partnership firm, ever been debarred / black-listed for competing in the tender by any organization at any time? If so, give details		
16	Whether any Civil Suit/ Litigation arisen in the contracts executed/ being executed during the last 5 years. If yes, please furnish the name of the project, organization, nature of work, contract		



S. No	Particulars	Details
	value, work order, date and brief details of litigation.	
17	Has the applicant or any constituent partner in case of partnership firm, ever been convicted? If Yes, Give details.	
18	Name and Communication details of firm representative in respect of the bid application	
19	Address of the Office through which the proposed work of the bank will be handled and Name and Designation of the Office-In-Charge	

.....

(Signature, Name and Address of the Applicant's executive duly authorized to sign on behalf of the Applicant)

For and on behalf of .....

(Name and address of the Applicant) (Seal of the Applicant)

**ANNEXURE-IV**

**Organizational Setup and List of professional staff (Architect/Engineers-Civil & Electrical) with the firm, giving their qualification, experience, including that in the present organization\***

Sr. No	Name	Age	Qualification	Experience	Nature of works handled	Name of the assignments handled	Date from which employed in the present organization
1	2	3	4	5	6	7	8

**\* Use separate/additional sheets as per the requirement**

.....

(Signature, name and address of the Applicant's executive duly authorized to sign on behalf of the Applicant)

For and on behalf of .....

(Name and address of the Applicant) (Seal of the Applicant)

**Note:** Biodata, copies of qualification certificate and Experience certificate issued by the employers of the technical professional staff should be enclosed

**ANNEXURE - V**

**List of important similar projects executed by the contractor with individual contract value of more than ₹3.30 crore**

Sr. No.	Name of the Project	Nature of work involved in the contract.	Name of the owner and indicate whether it is a State Govt./Govt. of India undertaking or Pvt. body with full address and telephone numbers.	Completion Period		Value of the work (Rs in lakh)
				Stipulated	Actual	
1	2	3	4	5	6	7

**Note:**

1. Use separate /additional sheets as per the requirement
2. Attach copies of work orders and completion certificates indicating items of work carried out issued by the clients.

Signature of the applicant with full address and office seal

**ANNEXURE – VI**

**List of important Similar Projects ON HAND with individual contract value of more than ₹3.30 crore being executed by the contractor**

Sr. No.	Name of the Project	Nature of work involved in the Project.	Name of owner and indicate whether it is a State Govt./ Semi- Govt./ Govt. of India Undertaking or Pvt. Body with full address and telephone numbers.	Stipulated date of completion	Expected date of completion	Present stage of work with reasons if the work is getting delayed	Value of the work (Rs. in lakh)
1	2	3	4	5	6	7	8

**Note:**

1. Use separate /additional sheets as per the requirement
2. Attach copies of work orders issued by the client along with items of work involved.

Signature of the applicant with full address and office seal

### Financial Information of Applicant

**Name of the Bidder/ firm:**

<b>S. No</b>	<b>Particulars</b>	<b>FY 2021-22 (Rs in Lakhs)</b>	<b>FY 2022-23 (Rs in Lakhs)</b>	<b>FY 2023-24 (Rs in Lakhs)</b>
1	Total Assets			
2	Current Assets			
3	Total Liabilities			
4	Current Liabilities			
5	Profit Before Taxes			
6	Profit After Taxes			
7	Net Worth (1- 3)			
8	Annual Turnover			

\*FY – Financial Year beginning of April to March Certification

.....

(Signature, name, address and membership ID of the Chartered Accountant with Seal)

(UDIN of the document provided by the Chartered Accountant)

.....

(Signature, name and address of the Applicant's executive duly authorized to sign on behalf of the Applicant)

For and on behalf of .....

(Name and address of the Applicant) (Seal of the Applicant)

**Note:** Enclose audited balance sheets and profit & loss statements in support of the above-mentioned data. Kindly highlight the relevant portion of the balance sheet. Also enclose copies of Income Tax Returns filed by the entity during the above-mentioned periods.

## ANNEXURE-VIII

### **PRO-FORMA OF FURNISHING THE PAYMENT DETAILS**

**Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.**

Name of the Agency		
Contact Details	Name	
	Email	
	Phone No	
PAN details (enclose copy of PAN)		
GST Number (enclose copy of GST registration)		
Address of principle place of business in the state as per GST registration certificate	Address	
	City	
	PIN	
	State	
Bank account number		
Account Name		
Type of the account		
Name & Address of Bank		
IFSC Code ( <b>enclose copy of cancelled cheque</b> )		

Name of the Firm:

Date:

Place:

Signature with seal:

**Non-Blacklisting Declaration**

(To be submitted on Company's letter head)

Date –

The Chief General Manager,  
Department of Premises, Security and Procurement  
National Bank for Agriculture and Rural Development  
Head Office, Mumbai – 400051.

**Subject: Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.**

Dear Sir,

I/ We hereby declare that we are not blacklisted by any Central/ State Government/ agency of Central/ State Government of India or any other country in the world/ Public Sector Undertaking/ any Regulatory Authorities in India or any other country in the world for any kind of fraudulent activities.

.....

(Signature, name and address of the Applicant's executive duly authorized to sign on behalf of the Applicant)

For and on behalf of .....

(Name and address of the Applicant) (Seal of the Applicant)

## ANNEXURE-X

### INDEMNITY BOND

Know all men by these presents that I, Shri.....of  
M/s ..... do hereby execute Indemnity Bond in favour of  
National Bank for Agriculture and Rural Development (NABARD), having their  
Registered Office at C-24, G Block, Bandra-KurIa Complex, Bandra(E) Mumbai-  
400051 and M/s ..... having their registered office  
at ....., Mumbai – 400051 ..... on this ..... day of ..... 2025.

Whereas NABARD have appointed M/s ..... as the Contractor for  
their ..... proposed ..... work ..... relating ..... to  
“ .....  
.....” .

THIS DEED WITNESSETH AS FOLLOWS: -

I/We, on behalf of M/s ..... hereby do indemnify *to keep NABARD and  
its Employees harmless* against and from

any third-party claims, civil or criminal complaints liabilities, site mishaps and  
other accidents or disputes and/or damages occurring or arising out of any mishaps at  
the site due to faulty work, for our negligence, faulty construction and/or for violating  
any law, rules and regulations in force, for the time being while executing/executed  
works by me/us,

any damages, loss or expenses due to or resulting from negligence or breach of  
duty on the part of me/us or any of *our* sub-contractor/s if any, servants or agents.

any claim by an employee of mine/ours or of sub-contractor/s, if any, under the  
Workmen Compensation Act and Employers Liability Act, 1939 or any other law, rules  
and regulations in force for the time being and any Acts replacing and/or amend the  
same or any of the same as may be in force at the time and under any law in respect of  
injuries to persons or property arising out of and in the course of the execution of the  
contract work and/or arising out of and in the course of employment of any  
workmen/employee.

any act or omission of mine/ours of sub-contractor/s if any, our/their servants  
or agents which may involve any loss, damage, liability, civil or criminal action.



IN WITNESS WHEREOF M/s ..... has set their hands on this .....day of  
.....

SIGNED AND DELIVERED BY THE AFORESAID M/s ..... through their  
authorized representative (Shri .....).

Signature:

IN THE PRESENCE OF WITNESSES:

In the presence of:

In the presence of:

Witness #1

Witness #2

Signature: \_\_\_\_\_

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

**ARTICLES OF AGREEMENT**

(On a Rs 200/- Non- Judicial stamp paper)

ARTICLES OF AGREEMENT made on this ..... day of ..... (month) ..... (year) between the National Bank for Agriculture and Rural Development (NABARD) (hereinafter called “the Employer”) and having its Head Office at C-24, G-Block, Bandra Kurla Complex, Bandra (E), Mumbai – 400051 of the one part and M/s ..... (hereinafter called “the Tenderer” or “bidder” or “the Contractor”) and having its registered office at ....., Mumbai ..... of the other part.

WHEREAS the Employer is desirous of getting executed the work of “.....” and has caused the technical and Financial Bids showing and describing the work to be done under the direction of the Employer.

AND WHEREAS the said technical bid and the Financial Bid have been signed by or on behalf of the parties hereto.

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

NOW IT IS HEREBY AGREED AS FOLLOWS: -

1. In consideration hereinafter mentioned, the Tenderer will upon and subject to the conditions annexed, carry out and complete the works shown in the contract, described by or referred to in the Schedule of Quantities and in the said conditions.
2. The Employer shall pay the Tenderer the said contract amount or such sum as shall become payable at the times and in the manner specified in the said conditions.
3. The said Conditions and Appendix thereto and the documents attached hereto shall be read and construed as forming part of this Agreement and the parties hereto shall be respectively abiding by, submit themselves to the said Conditions and the correspondence and perform the agreement on their part respectively in the said conditions and the documents contained herein.
4. This Agreement and documents mentioned herein shall form the basis of this contract.
5. This contract is an item rate contract for carrying out the work of “.....” and to be paid for according to actual measured

- quantities at the rates contained in the Schedule of Rates and probable quantities or as provided in the said conditions
6. The Tenderer shall afford every reasonable facility for the works of all the other Contractors, who are engaged by the Employer and shall make good any damage done by them or their people to any of the Employer's property after the completion of such works.
  7. The Employer reserves to itself the right of altering the nature of work by adding to or omitting any items of work or having portions of the same carried out by engaging any other contractor / agency at its sole discretion without prejudice to this contract. The contractor shall not have any right to claim loss of profit / loss of opportunity to work from the Employer.
  8. The tenderer shall have to submit the "no other claims certificate" along-with the final bill and once the final bill is settled by the Employer, the tenderer will not have any right to claim for either any tender related or non-related work.
  9. Time shall be considered as the essence of this contract, and the Tenderer hereby agrees to complete the entire work within **04 Months** as prescribed in the tender, which shall be reckoned from 10<sup>th</sup> day of the date of issue of work order subject nevertheless to the provision for extension of time as permissible by the Employer.
  10. All disputes arising out of or in any way connected with this agreement shall be deemed to have arisen at Mumbai and only the sole Arbitrator as appointed by both the parties upon mutual consent in Mumbai shall have the jurisdiction to determine the same.
  11. That all parts of this contract have been read and fully understood by the tenderer.

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

#### Signature Clause

SIGNED AND DELIVERED by the  
National Bank for Agriculture and  
Rural Development by the hand of  
Shri \_\_\_\_\_  
(Name, Signature & Designation)

SIGNED AND DELIVERED by the  
Bidder  
Shri \_\_\_\_\_  
(Name, Signature & Designation)

In the presence of:

Witness #1

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Witness #2

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

In the presence of:

Witness #1

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Witness #2

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

**Format of VIRTUAL COMPLETION CERTIFICATE**

Having executed the work in terms of the contract, we hereby certify and affirm that we have virtually completed the contracted works.

We hereby certify that the work has been executed wholly to our satisfaction and with materials and workmanship in accordance with the contract.

We do certify further that we have executed the work in accordance with the applicable laws and without any transgression of such laws.

Signature of the Contractor:

Place :

Date :

Name :

Address:

Seal :

## ANNEXURE-XIII

### **BANK GUARANTEE FROM THE CONTRACTOR**

(Proforma of Bank Guarantee in lieu of 50% of Retention Money Deposit - to be  
Stamped as a Security Bond)

Place:

Date:

To

The Chief General Manager,  
Department of Premises, Security and Procurement  
National Bank for Agriculture and Rural Development  
Head Office, Mumbai – 400051

Dear Sir,

**Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System.**

WHEREAS

1. You have awarded a contract dated \_\_\_\_\_ for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System to our constituents M/s. \_\_\_\_\_ a Company/Firm having its Registered Office/Office at \_\_\_\_\_ hereinafter referred to as "the Contractors" which expression shall include its successors and assigns/partners for the time being and from time to time) on the terms and conditions mentioned in the contract ;
2. One of the terms of the Agreement is that the Employer shall be entitled to deduct and keep in deposit with them a sum equivalent to 5% of the Running Bills submitted or to be submitted by the Contractors in connection with the said construction work subject to a maximum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) in the manner provided in the said Agreement. It is further provided that the Employer may, inter-alia, at its discretion agree to hold the said deposit partly in cash by deduction as aforesaid and partly by a Bank Guarantee.
3. NABARD will release 50% of the RMD/Security deposit on expiry of Defect Liability Period and will release the remaining 50% of the RMD/Security deposit amount of Rs. .... (Rupees ..... ) against submission of a Bank Guarantee of the same amount.

4. The Contractors, who are our constituents have since requested us to furnish the said Guarantee to the Employer in respect of the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only);

NOW, THEREFORE, THIS LETTER OF GUARANTEE WITNESSETH THAT -

In consideration of the National Bank for Agriculture and Rural Development having agreed at our request to accept this Guarantee in lieu of the remaining sum or sums of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only)

WE, THE \_\_\_\_\_ BANK, hereby unconditionally and irrevocably guarantee unto the National Bank for Agriculture and Rural Development (hereinafter referred to as "NABARD", which expression shall include its successors and assigns) that in the event of the NABARD coming to the conclusion that the Contractors have not performed their obligations under the said Agreement or have committed a breach thereof in particular failed to rectify the defect in the construction/workmanship brought to their notice in terms of the said Agreement which conclusion shall be final and binding on us, WE shall on demand and without demur pay to the NABARD the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) or any lower amount that may be demanded by the NABARD and our this guarantee shall be treated as equal to the Retention Money Deposit/ Security Deposit kept with the NABARD for the due performance of the aforesaid obligations of the Contractors under the said Agreement.

2. WE, the \_\_\_\_\_ Bank, also agree and confirm that the sum not exceeding Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) as indicated in the written demand issued by the NABARD shall be final and binding on us and we shall not ask for any further proof or evidence and we shall not question the same either inside or outside in any Court, Tribunal or Arbitration, etc. ;

And that we will make the payment pursuant to the demand notice issued by NABARD without reference to the Contractors and notwithstanding any dispute or difference that may exist or arise between the NABARD and the Contractors or any other person.

And that this guarantee shall be a continuing guarantee and shall not be revoked by us without prior consent in writing of the NABARD.

3. We hereby further agree that -

a) any neglect or forbearance, act or omission on the part of the NABARD in enforcing any of this conditions of the contract or granting of any time or the showing of any indulgence by the NABARD to the Contractors in respect of the completion of the building or any other matter in connection therewith or any variation in the terms of the said contract made by mutual agreement between the NABARD and the

Contractors or any other act or deed on the part of the NABARD, which, but for this Clause, may have the effect of discharging the guarantor under the Law of Sureties, shall not discharge us in any way and our obligation under this guarantee shall be discharged only by payment in full of the sums guaranteed hereunder ;

b) it shall not be necessary for the NABARD to exhaust its remedies against the Contractors before invoking this guarantee and the guarantee herein contained shall be enforceable notwithstanding that any other security, which the NABARD may have obtained or may obtain from the Contractors, is outstanding and unrealized;

c) our liability under this guarantee shall not be affected by any infirmity or irregularity on the part of the Contractors in entering into the said contract or by the dissolution or change in the constitution or name of the Contractors.

d) our liability under this guarantee shall not exceed the sum of Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_ only) mentioned above ;

4. This guarantee shall remain in force upto \_\_\_\_\_ provided that if so desired by NABARD, this guarantee shall be renewed by us for a further period as may be indicated by the NABARD on the same terms and conditions as contained herein but at the cost of the Contractors, failing which the amount guaranteed hereunder shall become payable to the NABARD on demand.

5. Our liability under this guarantee will terminate on the aforesaid date, unless renewed as provided hereinabove, or on the day when the Contractors comply with the obligations under the said Agreement, in particular that relating to the rectification of defects in the construction or workmanship during the period of defects liability as provided in the said Agreement (as to which a certification in writing by the NABARD alone shall be conclusive proof), whichever date is earlier. Unless a claim or suit or action is filed against us within 6 months from the date aforesaid or the extended period of this guarantee, all the rights of the NABARD against us under this guarantee shall stand forfeited and we shall be released and discharged from all our obligation and liabilities hereunder.

Yours faithfully,

For and on behalf of  
\_\_\_\_\_ Bank

Authorized Signatory

N.B.: This guarantee will require stamp duty as applicable in the State, where it is executed and shall be signed by the official whose signature and authority shall be verified.



**UNDERTAKING FOR PERFORMANCE WARRANTY FOR RCC CANOPY  
WATERPROOFING**

**(on Rs.200 non-judicial stamp paper)**

**PERFORMANCE UNDERTAKING FROM THE CONTRACTOR**

National Bank for Agriculture and Rural Development,

Plot No. C-24, 'G'Block,

Bandra - Kurla Complex,

Bandra (East), MUMBAI - 400 051

**WHEREAS**

1. National Bank for Agriculture and Rural Development (NABARD) is desirous of developing Experience Center at NABARD, Head Office, BKC, Bandra (E), Mumbai-51 (hereinafter referred to as "the said Buildings) and for that purpose invited "Comprehensive Tender for developing Experience Center including Interiors, SITC of AV systems with Content Repurposing, Programming and Content Management System".

2. Pursuant to the acceptance by NABARD of the tender dated ..... submitted by us i.e. .... NABARD has issued Work Order bearing ..... dated ..... (Hereinafter referred to as "the said order")

3. It is one of the terms of the of the said order that works of RCC canopy waterproofing shall be carried out as per the scope of the works and as per the technical specifications mentioned in the tender.

4. It is also one of terms of the said order that we shall furnish to NABARD a performance undertaking against any defect in waterproofing works which may arise in a period of ten years from the date of virtual completion pertaining to both the materials and workmanship in respect of the water proofing in NABARD Head office building and which performance undertaking shall be signed by M/s ..... and which shall be valid for duration of ten years from the date of virtual completion of the said Work.

**NOW, THEREFORE, THIS PERFORMANCE UNDERTAKING WITNESSETH THAT:**

1. We have carried out the said waterproofing Works. We have read and understood the specifications, terms and conditions of the said work as provided in the said order.

2. After Virtual Completion of the said Work and before the completion of the ..... day of ....., if at any time or times, any defects such as physical damage of any elements of the said waterproofing due to weathering action or due to failure of the components or due to inferior quality of material/workmanship and any water seepage/ leakage either due to inadequacy of the work carried out or due to any other reason, whatsoever relating to the specifications, workmanship, etc., we hereby undertake to carry out necessary remedial measures up to ten years from the date of virtual completion of the said work to such extents so and often as may be necessary to free the premises from such leakages/dampness without any extra cost to the NABARD. The decision of the NABARD in regard to the question as to whether there is any leakage, or the treatment has given way to water or moisture shall be treated as final and binding on us. We shall diligently, efficiently and satisfactorily rectify the defects or faults detected/arising, during the aforesaid period to the full satisfaction of NABARD and also undertake to attend to the rectification work and reinstate the surfaces disturbed to its original condition after carrying out the rectification work, if necessary, by arising new materials at no extra cost to NABARD.

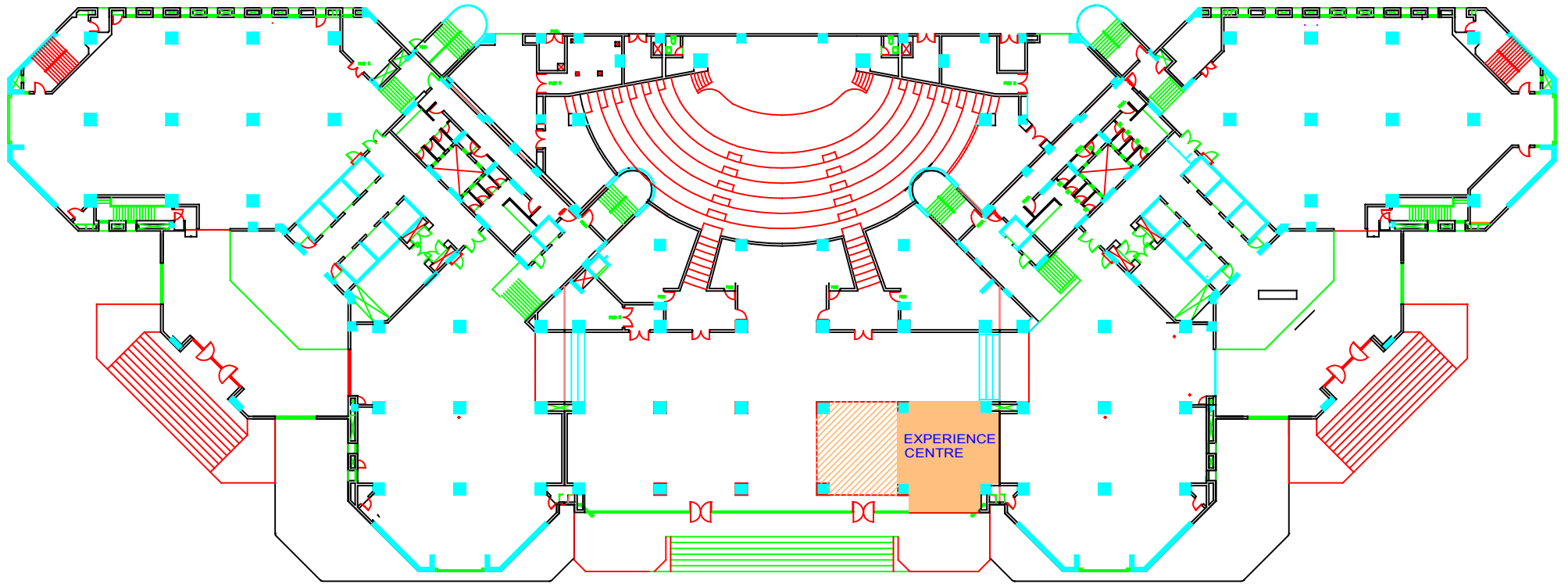
3. We shall not revoke it without written consent of NABARD.

Signed by: .....

For and on behalf of M/s .....

Date :

Place :



GROUND FLOOR PLAN OF THE ENTIRE BUILDING PREMISES



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

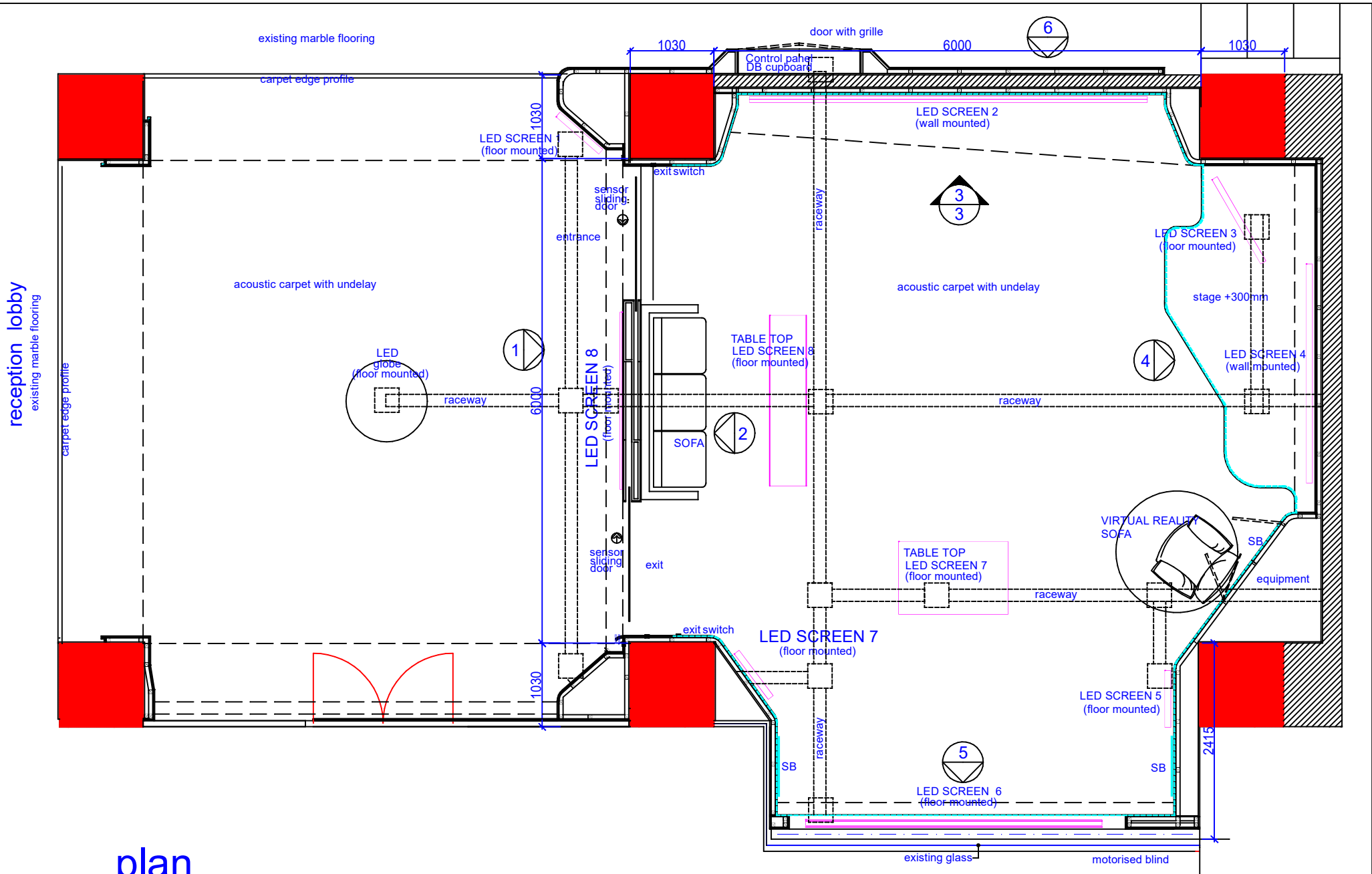
drawing shows  
LOCATION PLAN  
GROUND FLOOR PLAN

north



architects  
SATYAJIT RANE & ASSOCIATES  
ARCHITECTS & INTERIOR DESIGNERS  
1076/24, OLD CHATURSRINGI ROAD, PUNE 411016  
m. 9890084268 email: satyajit.rane@gmail.com

drg no  
A01



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

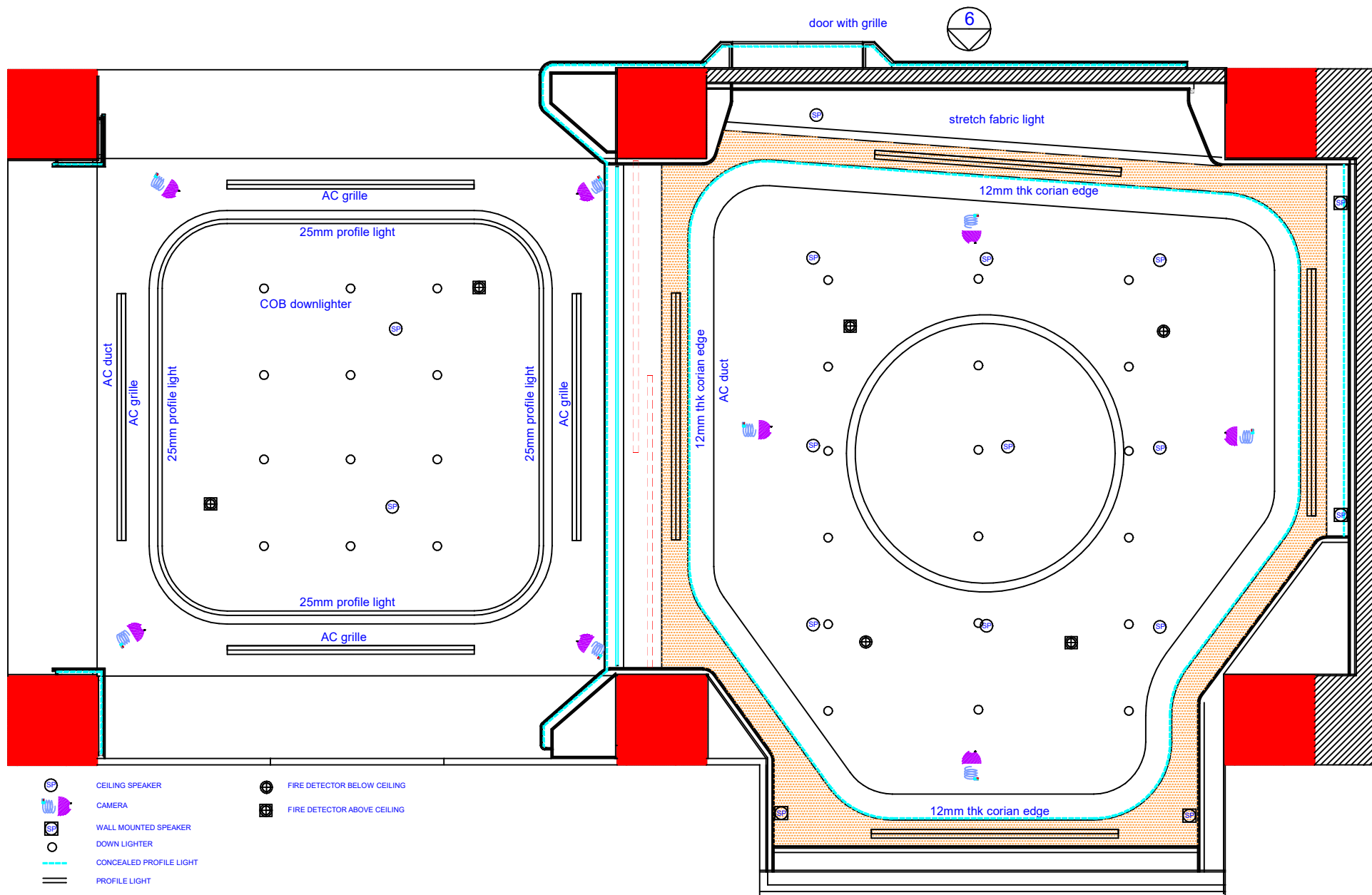
project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
LAYOUT OF PREMISES  
area of premises = 750 sqt



architects  
SATYAJIT RANE & ASSOCIATES  
ARCHITECTS & INTERIOR DESIGNERS  
1076/24, OLD CHATURSRINGI ROAD, PUNE 411016  
m. 9890084268 email: satyajit.rane@gmail.com

drg no  
01



## false ceiling plan



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

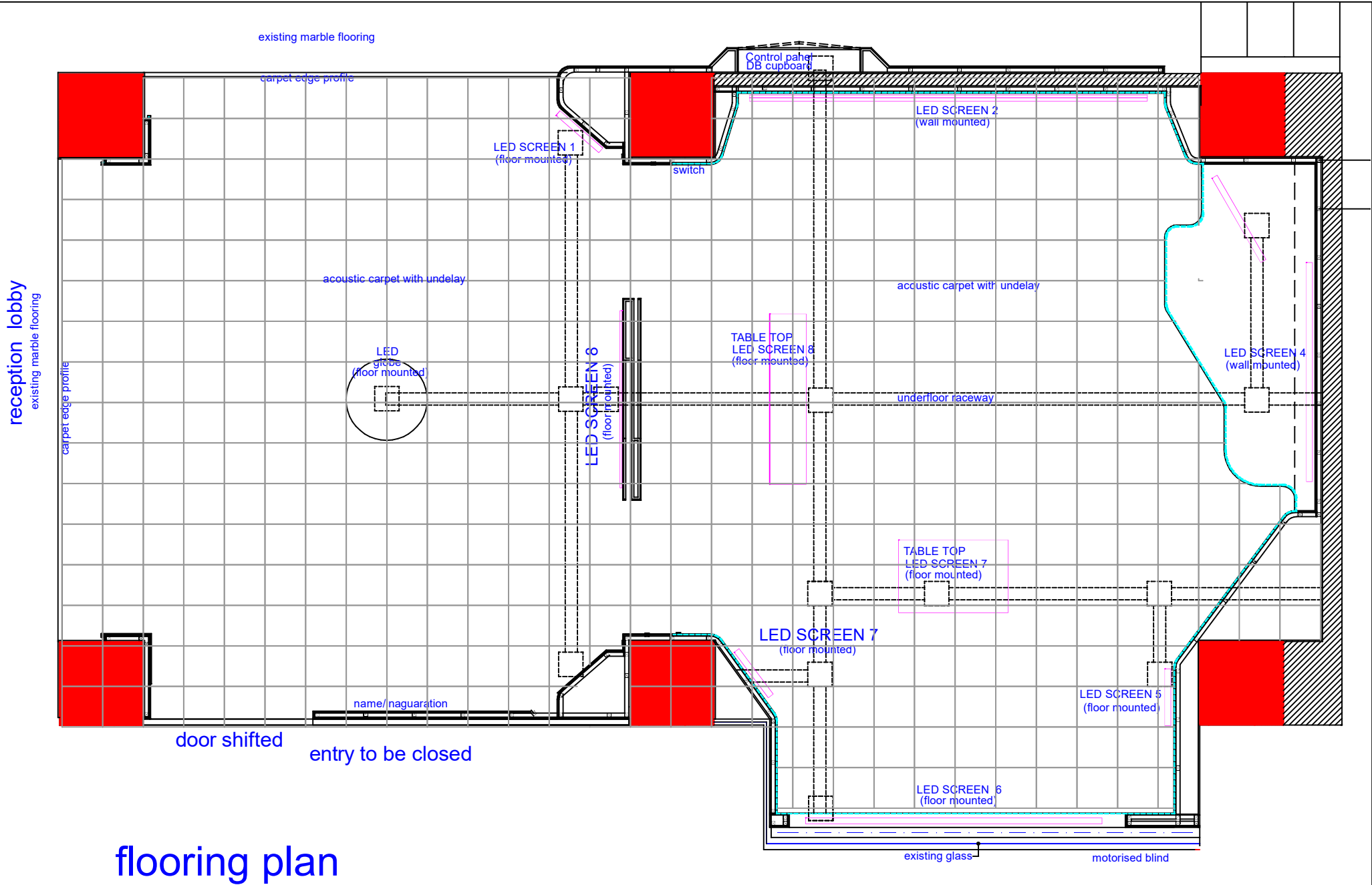
project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
LAYOUT OF PREMISES  
CEILING LAYOUT



architects  
SATYAJIT RANE & ASSOCIATES  
ARCHITECTS & INTERIOR DESIGNERS  
1076/24, OLD CHATURSRINGI ROAD, PUNE 411016  
m. 9890084268 email: satyajit.rane@gmail.com

drg. no  
02



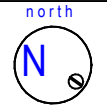
# flooring plan



client  
 NATIONAL BANK FOR AGRICULTURE  
 RURAL DEVELOPMENT (N.A.B.A.R.D.)  
 Head Office,  
 Plot no C-24 Block,  
 Bandra-Kurla Complex, Bandra (E)  
 Mumbai 400 051

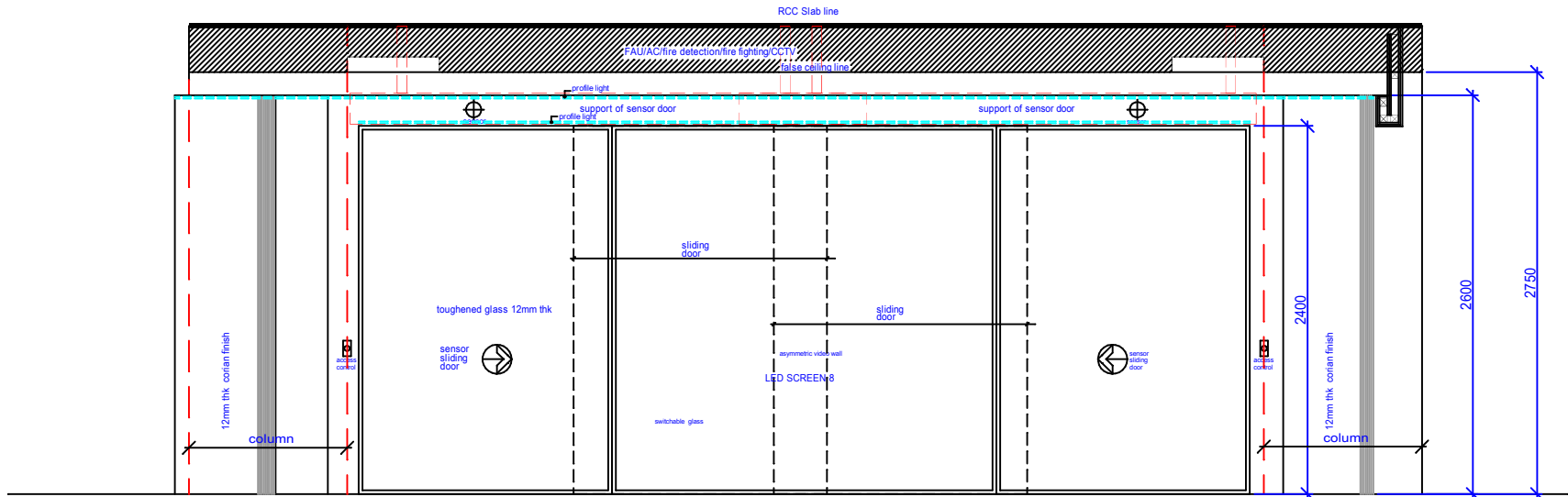
project  
 EXPERIENCE CENTRE  
 at N.A.B.A.R.D Head Office Building,  
 Ground floor  
 B.K.C  
 mumbai 400 051

drawing shows  
 LAYOUT OF PREMISES  
 Flooring Plan

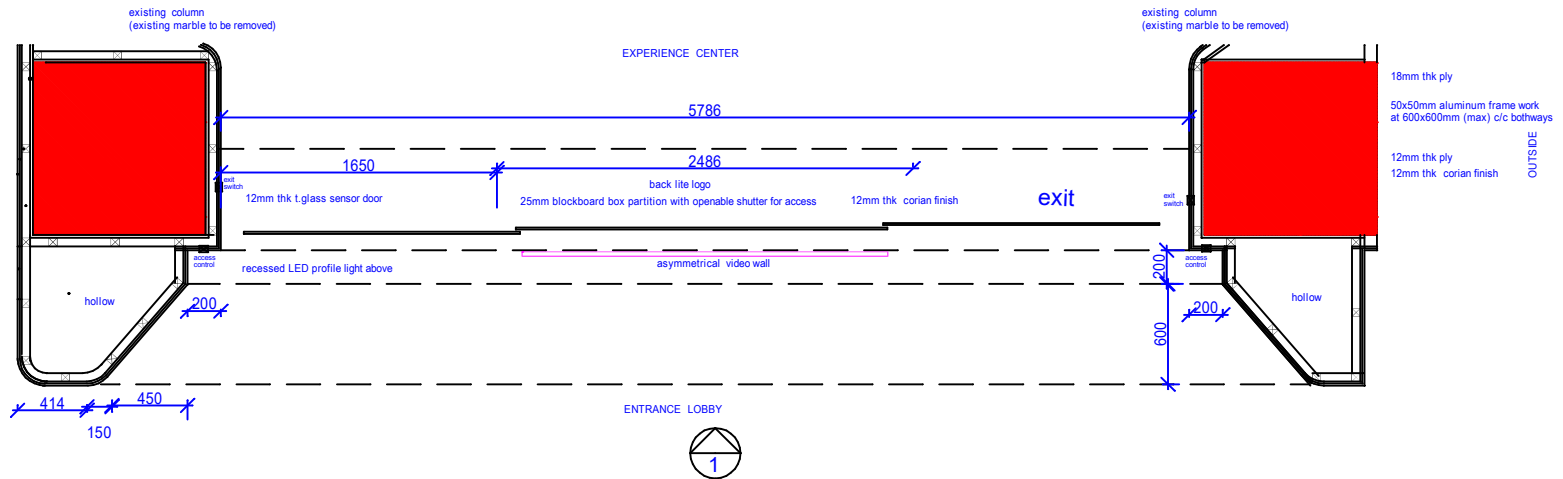


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 03



ELEVATION 1



elevation 1



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 1

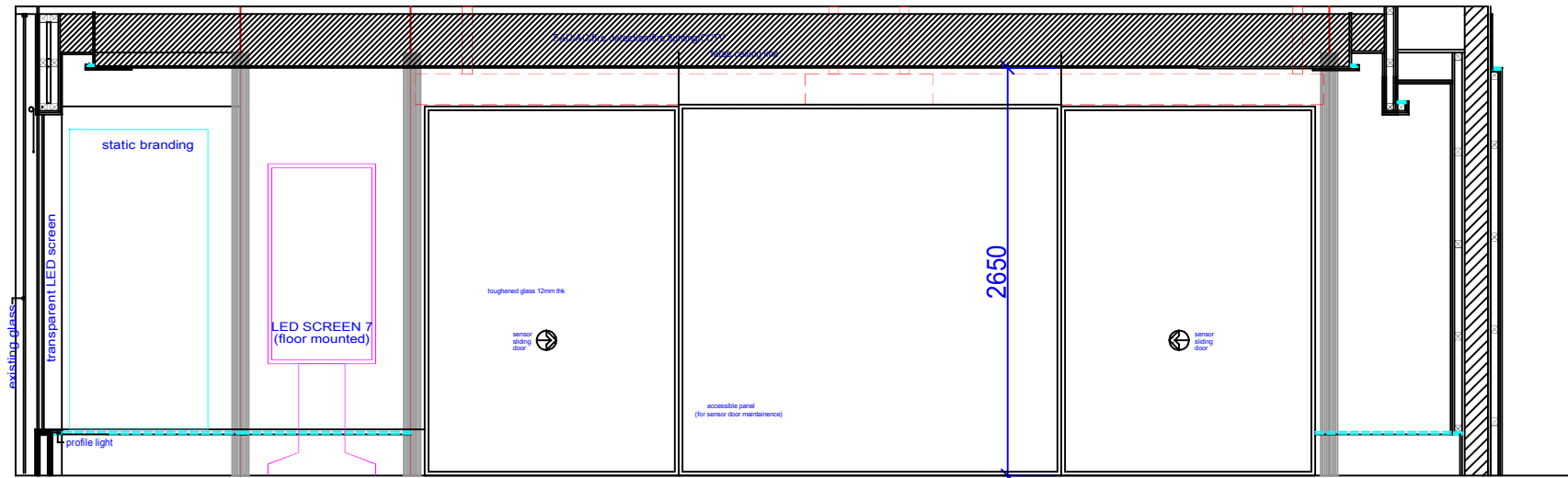
north



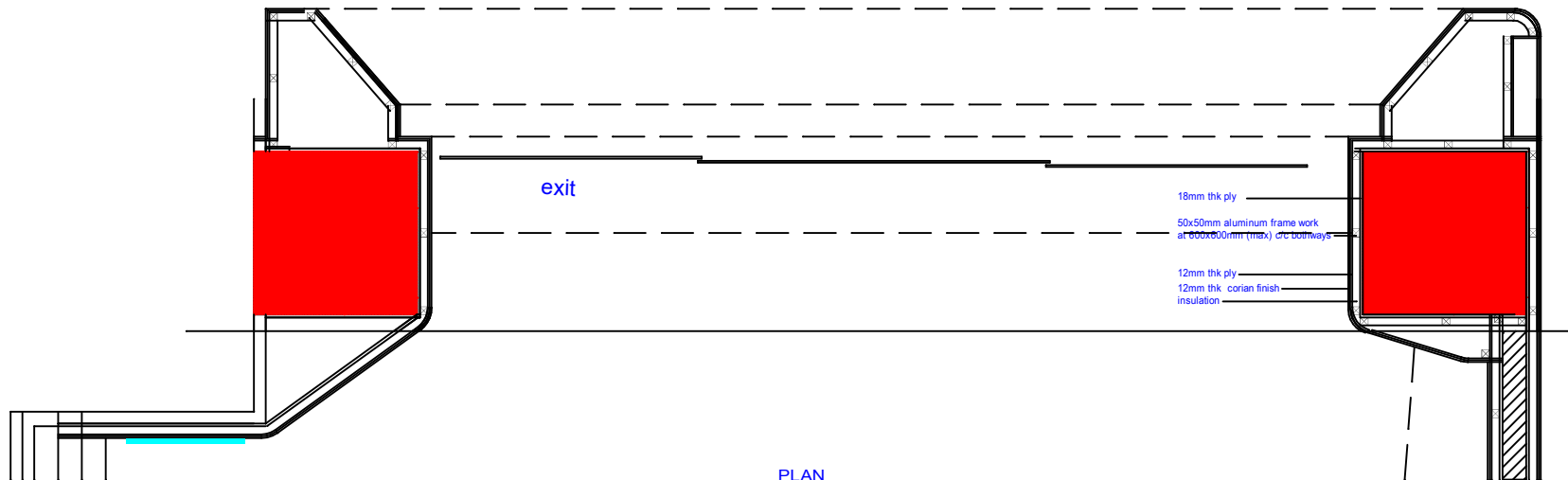
architects  
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drg no

04



ELEVATION 2



PLAN

## elevation 2



client  
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Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 2

north

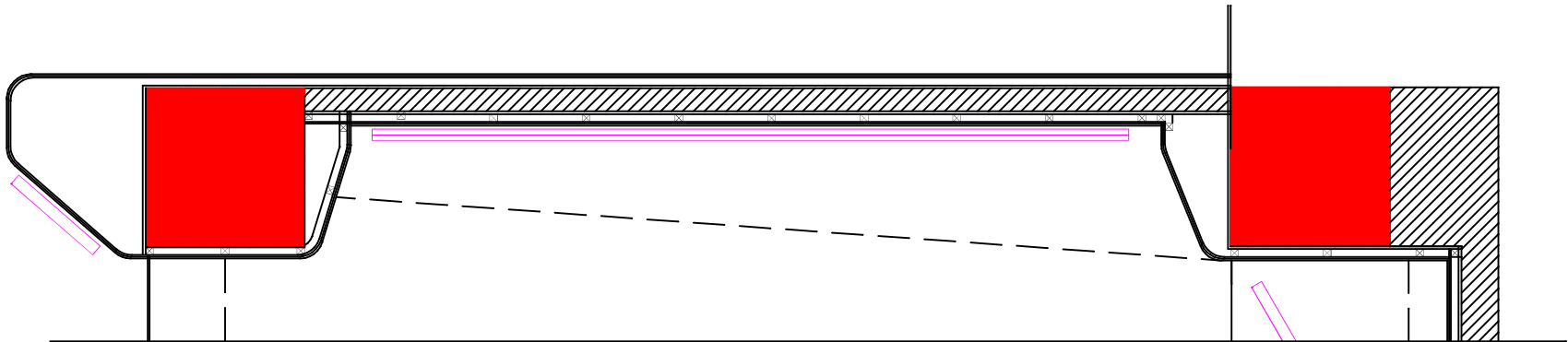
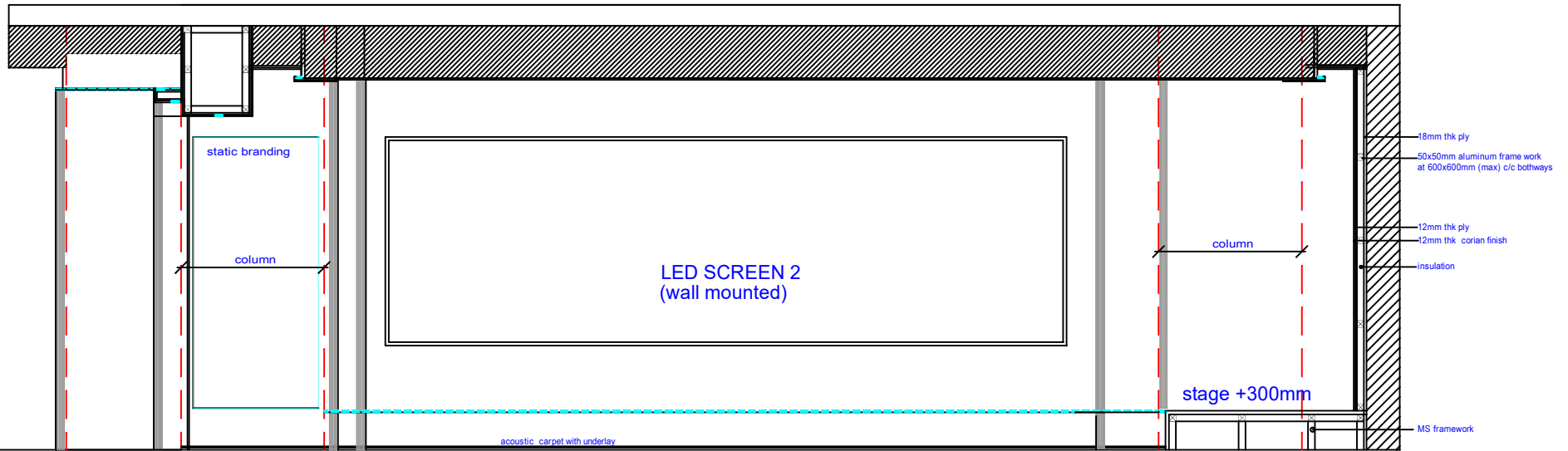


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drg no

05





### elevation 3



client  
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RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 3

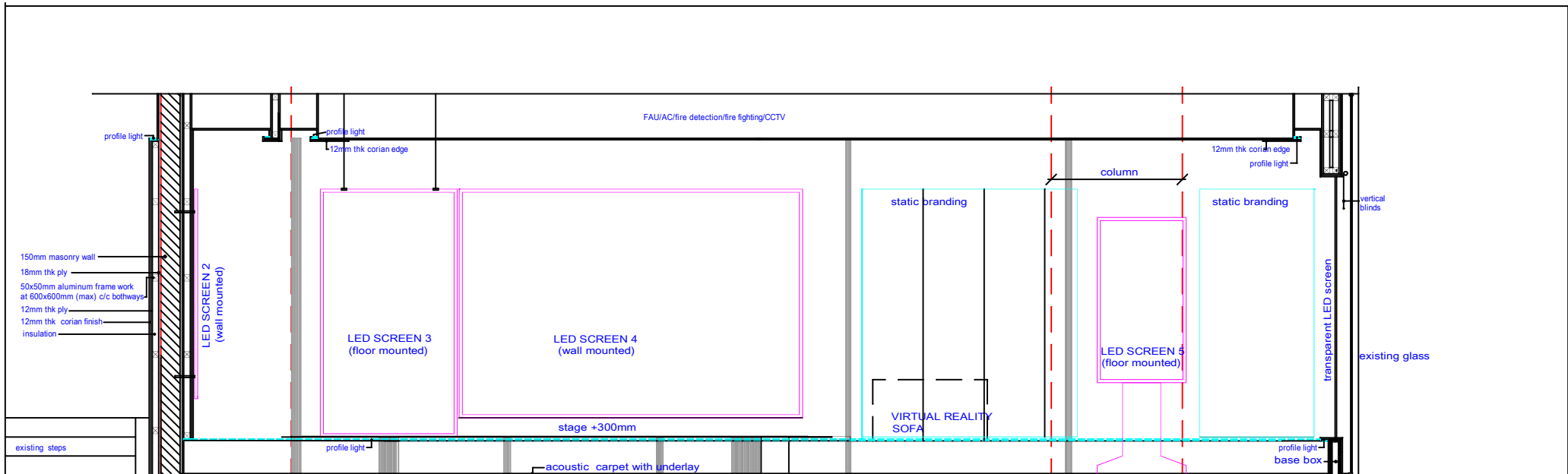
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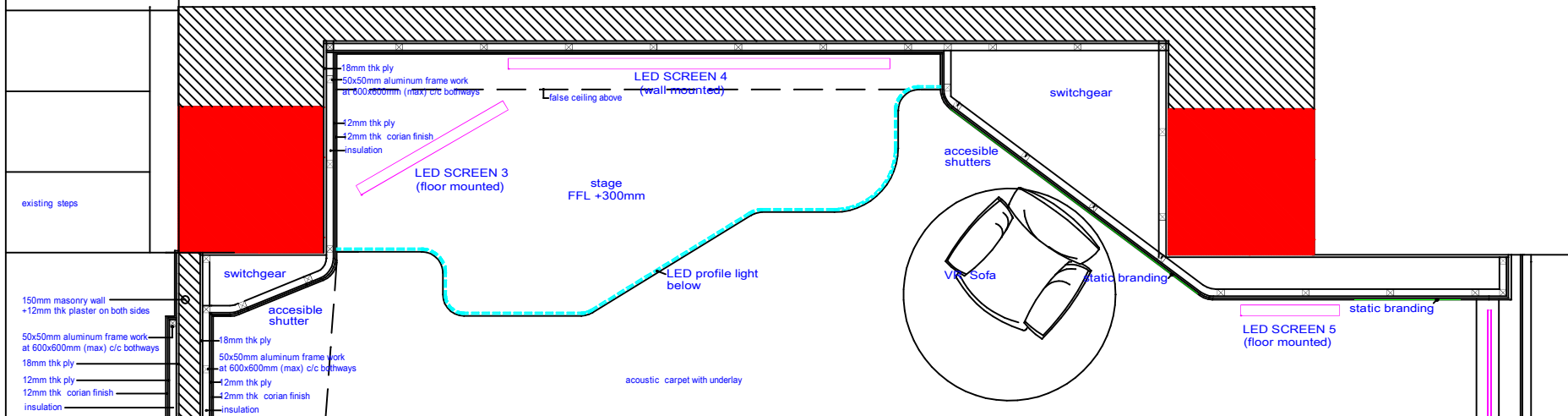
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drg no

06



ELEVATION 4



PLAN

elevation 4



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 4

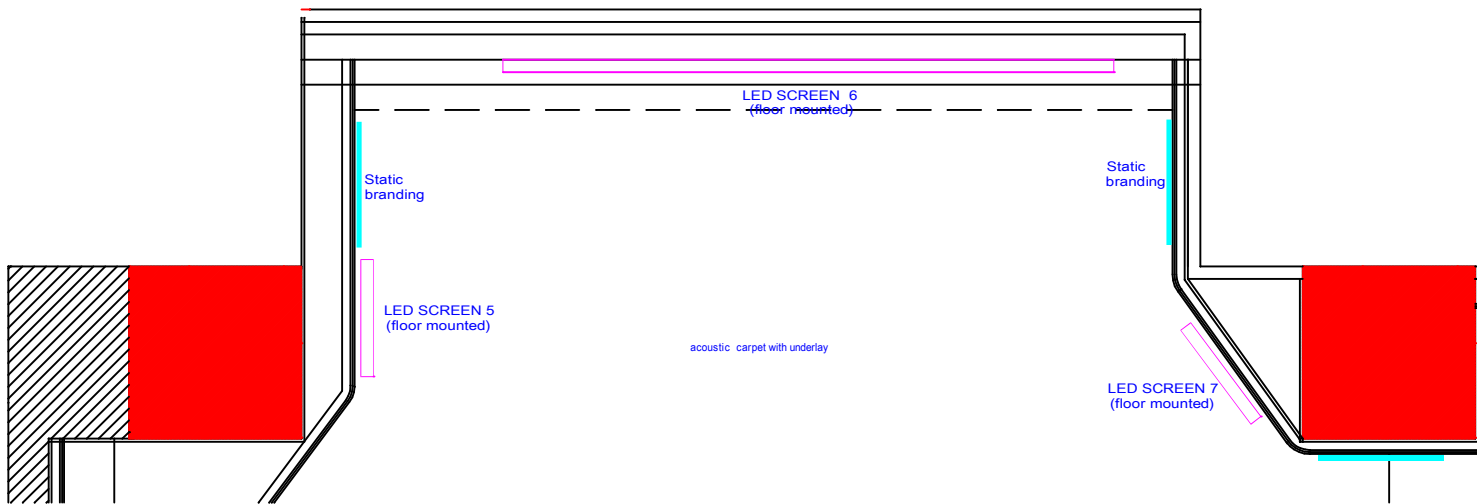
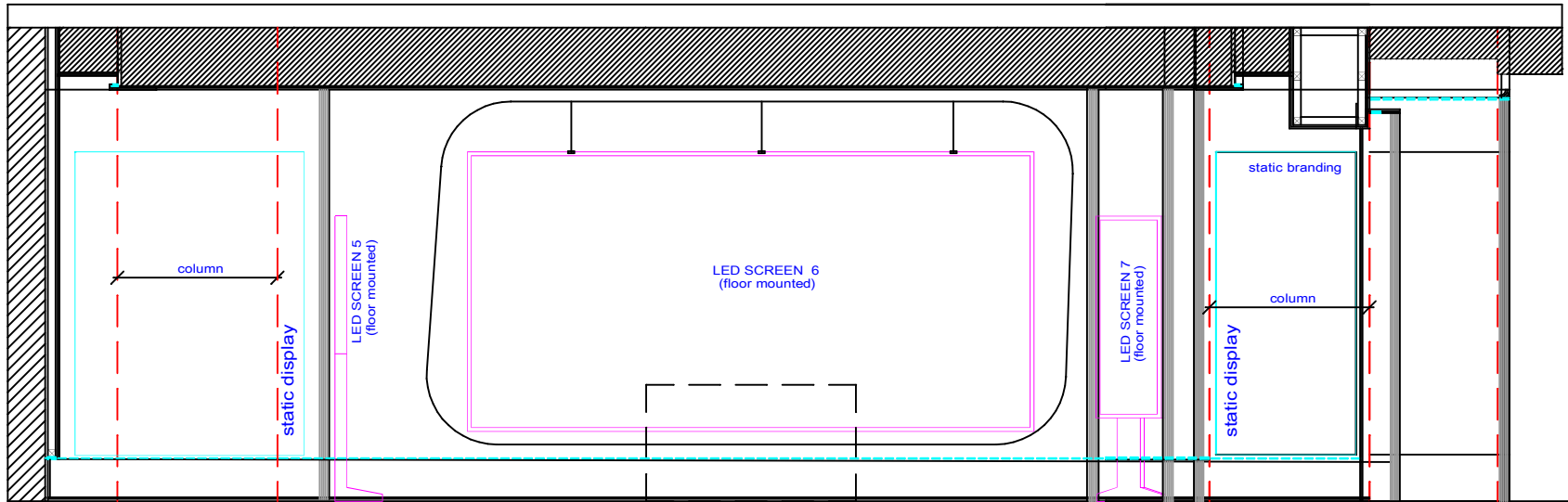
north



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drg no

07



elevation 5



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 5

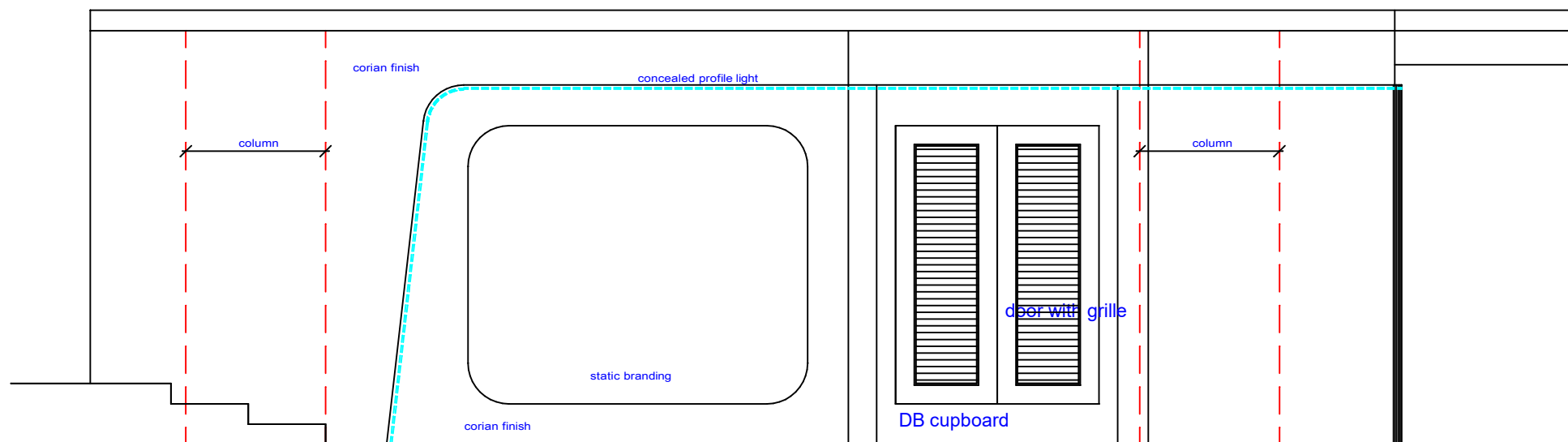
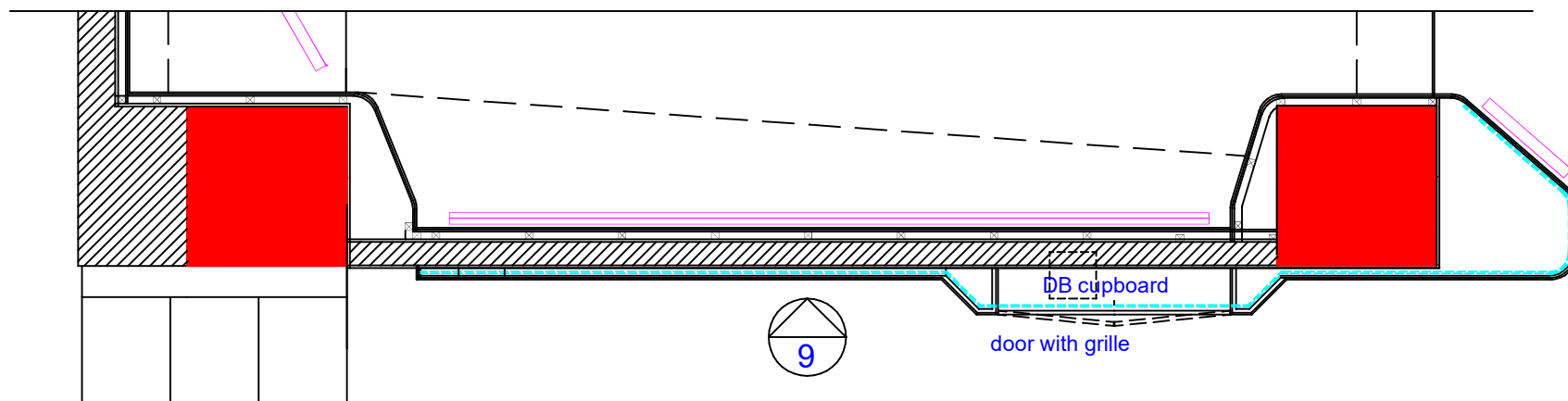
north



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08



client  
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RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 6

north

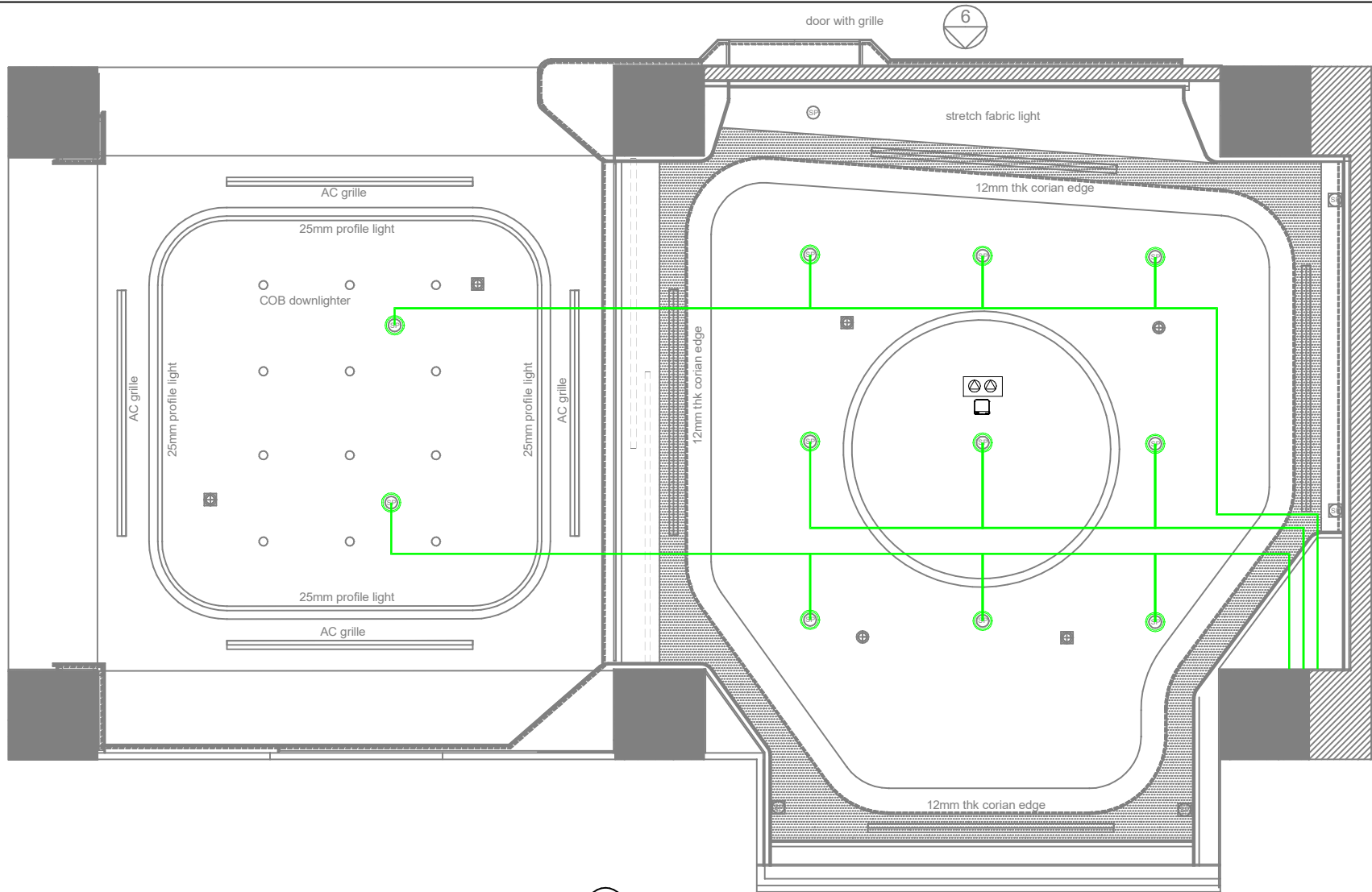


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09





client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

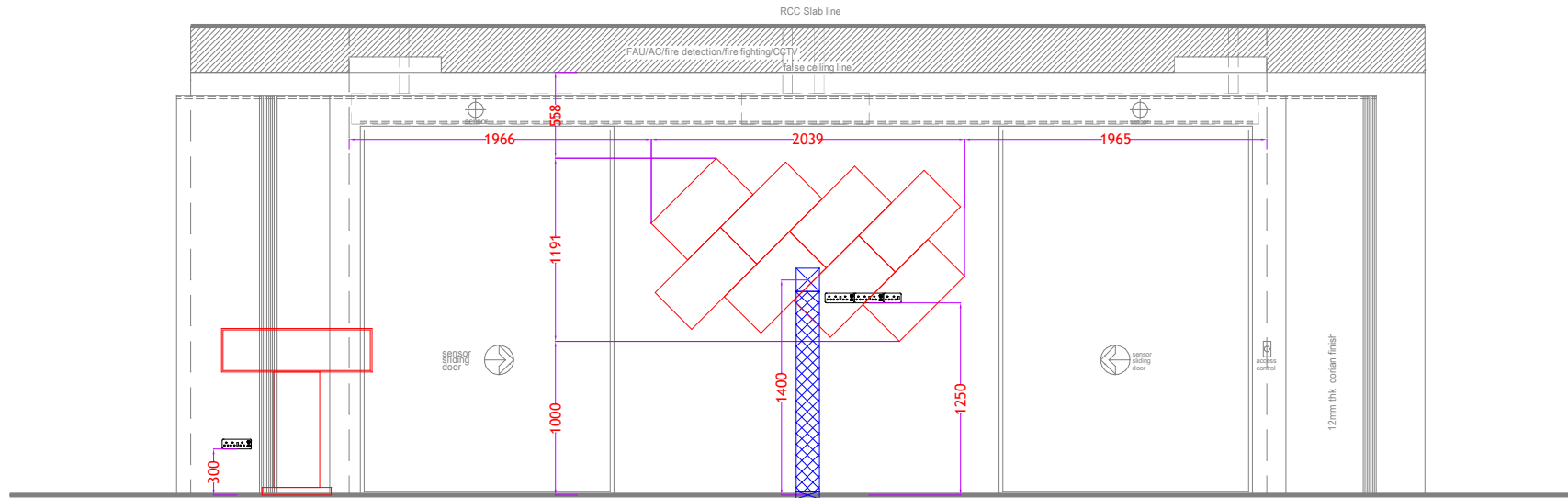
drawing shows  
CEILING PLAN FOR AV

north

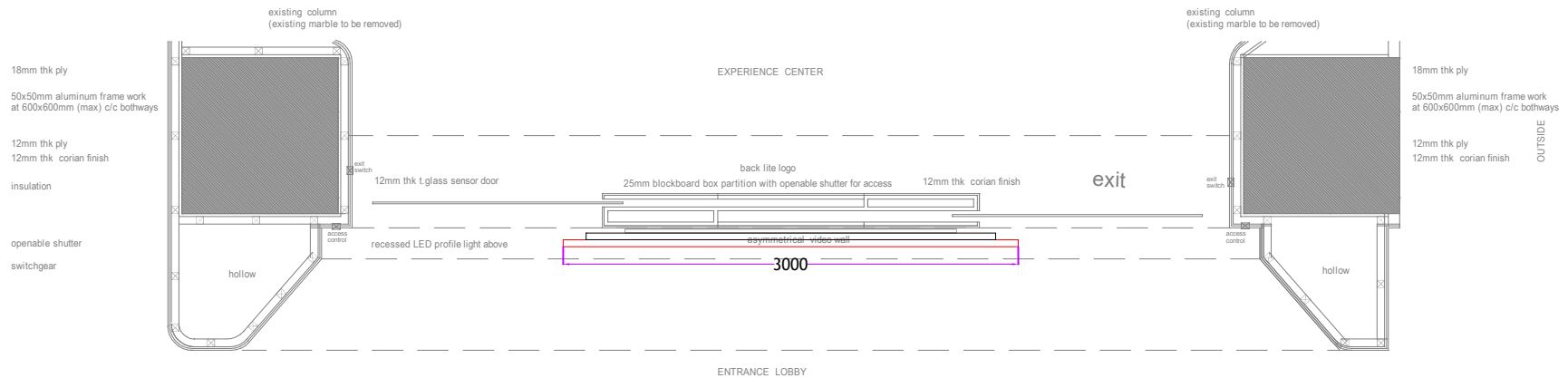


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drg no  
AV02



ELEVATION 1



ENTRANCE LOBBY

elevation 1



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
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Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 1 FOR AV

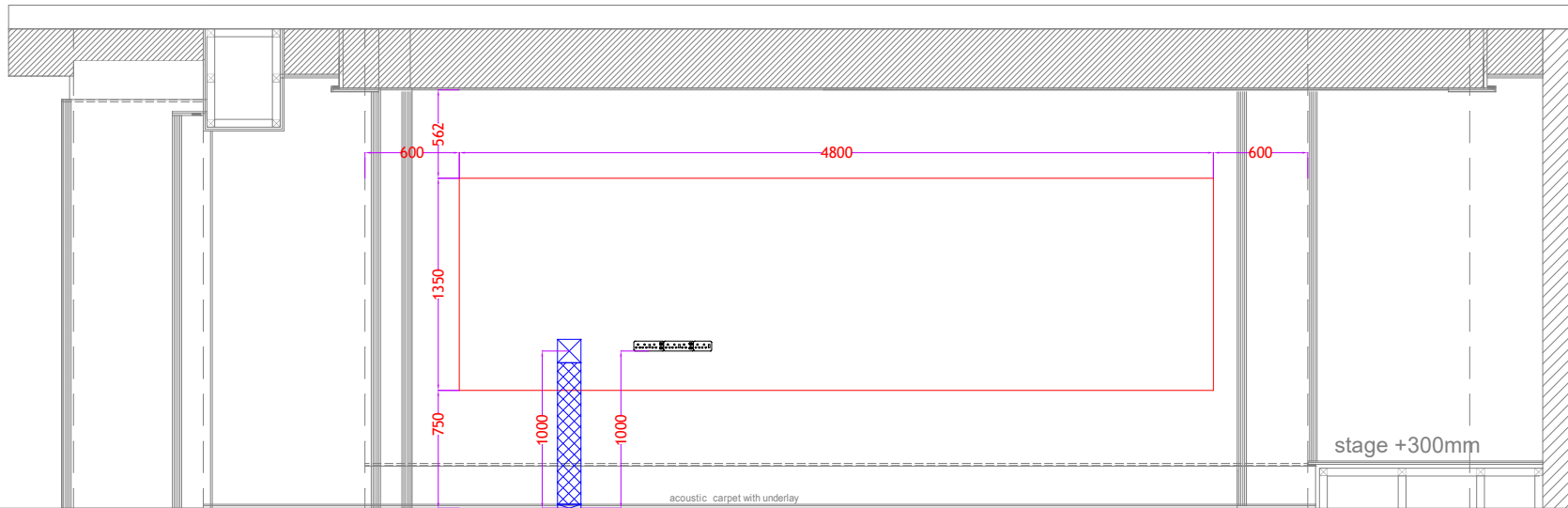
north



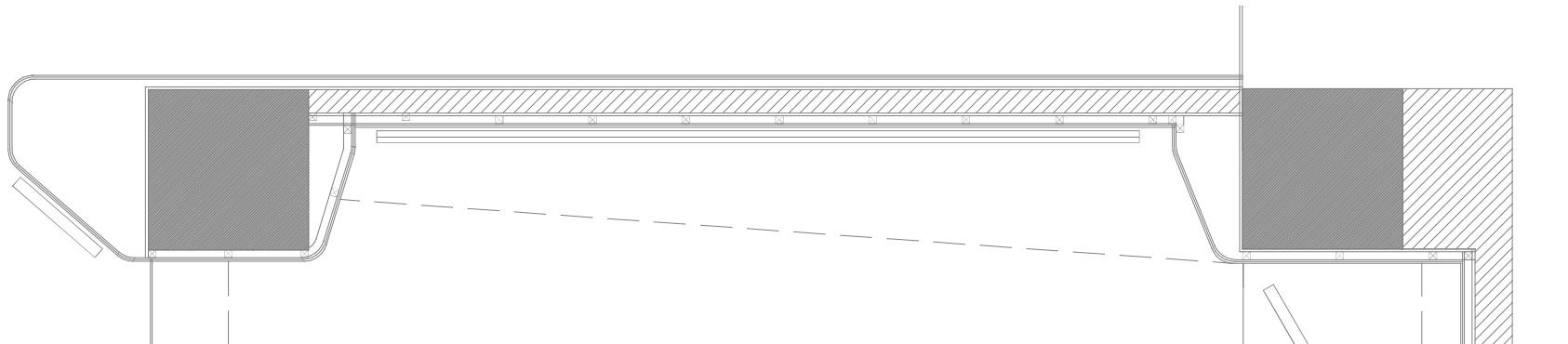
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drg no

AV03



ELEVATION 3



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 3 FOR AV

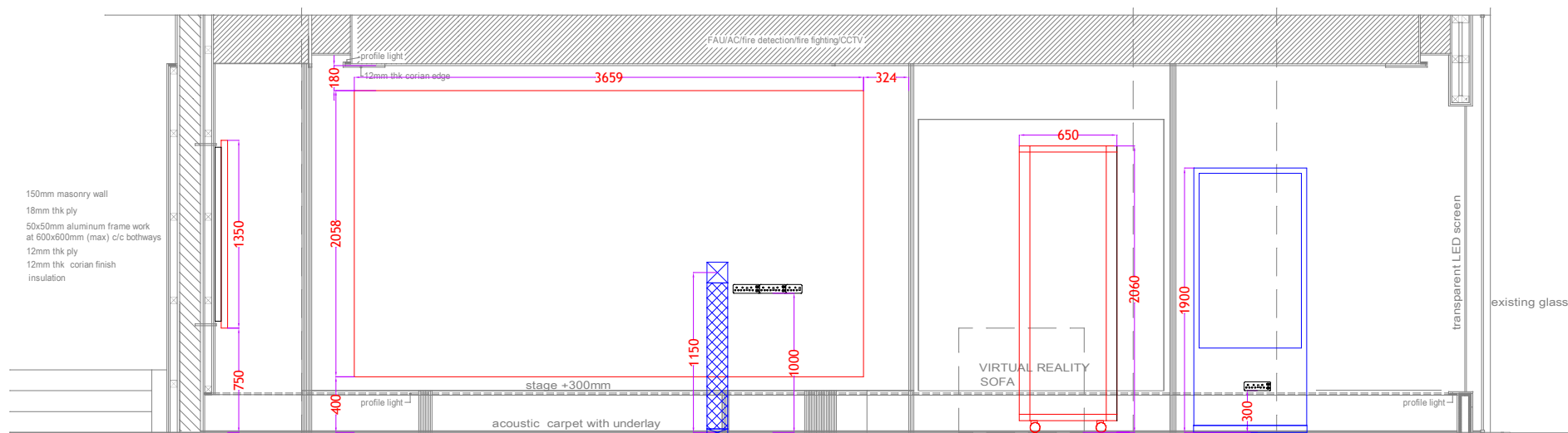
north



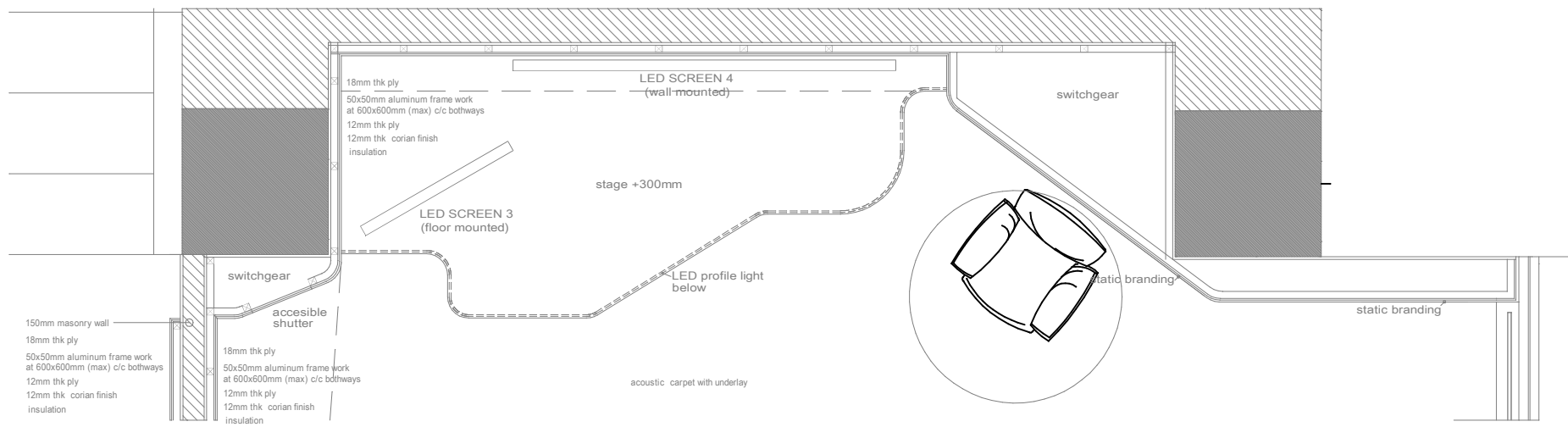
architects  
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drg no  
AV04





ELEVATION 4



client  
**NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)**  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
**EXPERIENCE CENTRE**  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

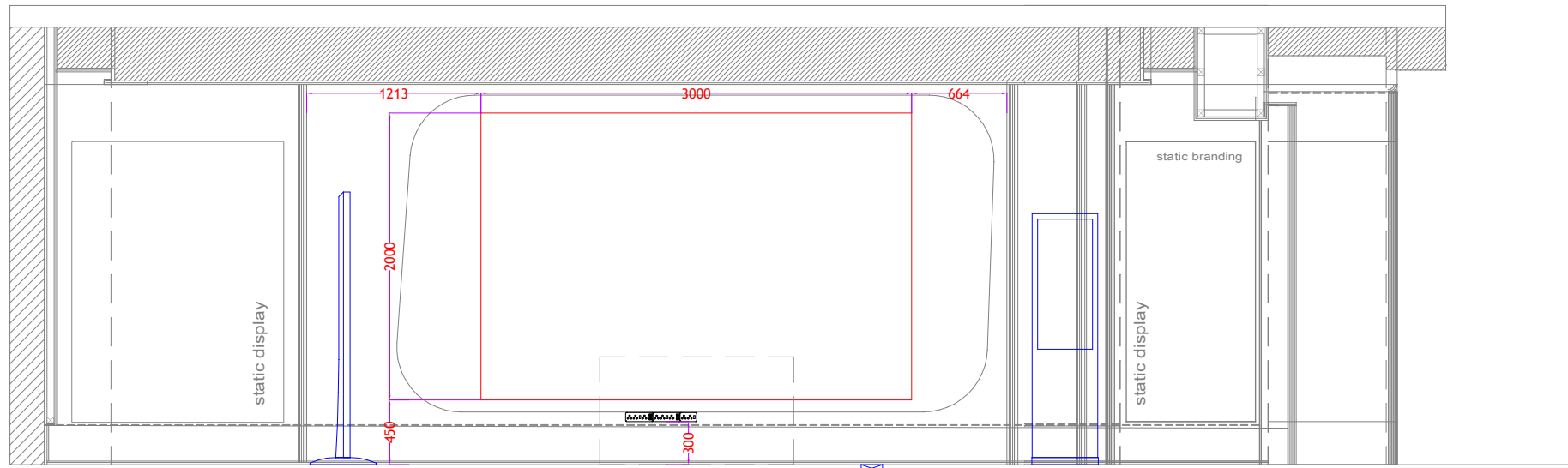
drawing shows  
**ELEVATION 4 FOR AV**

north

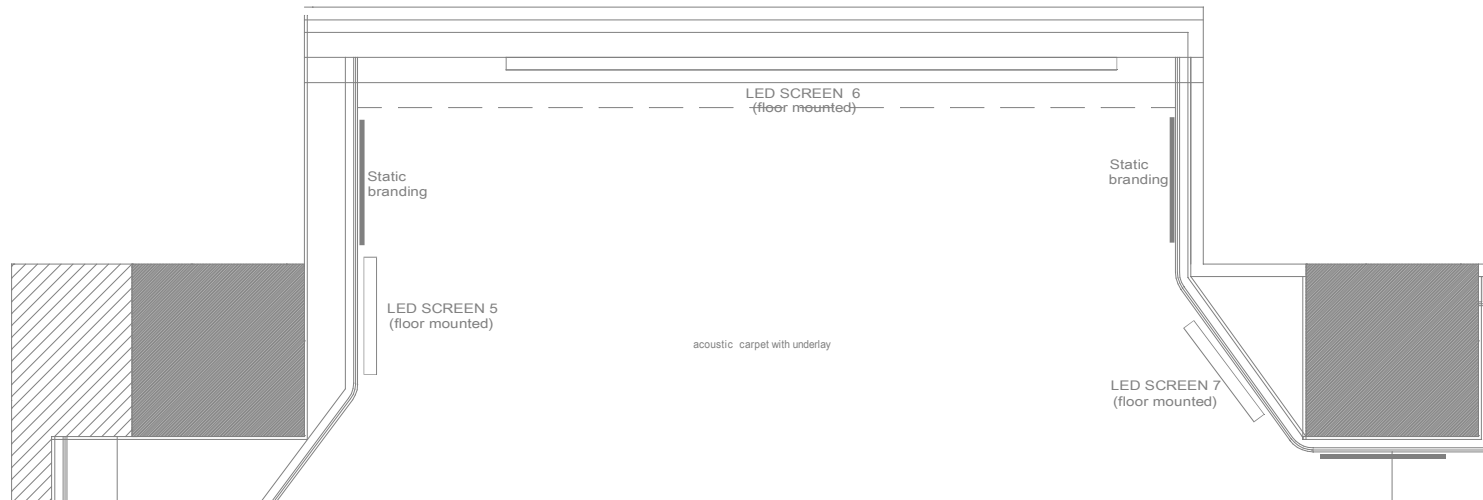


architects  
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drg. no  
**AV05**



ELEVATION 5



client  
NATIONAL BANK FOR AGRICULTURE  
RURAL DEVELOPMENT (N.A.B.A.R.D.)  
Head Office,  
Plot no C-24 Block,  
Bandra-Kurla Complex, Bandra (E)  
Mumbai 400 051

project  
EXPERIENCE CENTRE  
at N.A.B.A.R.D Head Office Building,  
Ground floor  
B.K.C  
mumbai 400 051

drawing shows  
ELEVATION 15 FOR AV

north



architects  
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drg no

AV06



