
Zonal Office: Estate Department
Indian Bank Building, 2nd Floor, 377 & 378 G D Block, Sector III, Salt lake, Kolkata -700106
Ph. No. 033-40261911 email: zokolkatanorth@indianbank.co.in

Tender for “Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Entrance of Howrah N S Road Branch, Indian Bank, Premises, No.17-18 N S Road, Howrah -711101

Issued to:

.....

Date of issue of bid	02.02.2026
Last date of submission of Bids	06.02.2026 up to 15.00 Hrs. at Indian Bank, Zonal Office, Estate Department, Zonal Office Kolkata North, 2 nd Floor, Indian Bank building, 377&378 GD Block sector III Salt Lake, Kolkata-700106
Date of opening Bids	07.02.2026 - 15.30 Hrs. at Indian Bank, Zonal Office, Estate Department, Zonal Office Kolkata North, 2 nd Floor, Indian Bank building, 377&378 GD Block Sector III Salt Lake, Kolkata-700106

INDEX

Sl.No.	Description	Page
1.	Notice Inviting Tender	3 to 4
2.	Pre Qualification Criteria	5 to 6
3.	Proforma – I – General Information	7 to 8
4.	Proforma – II – List of Major Plant and Machinery	9
5.	Proforma IIa - List of Key Technical Person	10
6.	Proforma III – Financial Information	11
7.	Proforma III (A) – Similar Works	12
8.	Proforma III (B) – List of Work on Hand	13
9.	Proforma IV – Solvency Certificate	14
10.	Proforma V – Performance Report	15
11.	Scope of Works, Terms & General Conditions	16 to 19
12.	Performance Bank Guarantee	20 to 21
13.	Technical Specifications	22
14.	Approved Make of Materials	23
15.	Content Management Software Features	24 to 25
16.	Proposed Location	26
17.	Price Bid	27 to 28

NOTICE INVITING TENDER

Indian Bank, Zonal Office, Kolkata North, Estate Department, invites Sealed Tenders for executing **“Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at Southern Side of 17-18 N S Road Howrah 711101”**.

1.	Name of Work	Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Southern Side of 17-18 N S Road Howrah 711101.
2.	Size of the Board	20 feet x 4 feet
3.	Period of completion	30 days reckoned from the date of issue of the work order or handing over of site whichever is later.
4.	Validity of Tender	90 days from the date of opening
5.	Earnest Money Deposit (EMD)	2% of the Bid Amount
6.	Initial Security Deposit (ISD)	2% of the Bid Amount (Including EMD amount) (will be returned after completion of work)
7.	Retention Money (RM)	8% against Final Bill (payable after completion of 2 years)
8.	Liquidated Damages	As mentioned in Page 16 of the Tender document.
9.	Last date of submission of Sealed Tenders	06.02.2026 - 15.00hrs
10.	Date of Opening of Tenders	07.02.2026 - 15.30hrs , at Indian Bank, Zonal Office, Estate Department, Indian Bank, Zonal Office, Estate Department, Zonal Office Kolkata North, 2 nd Floor, Indian Bank building, 377&378 GD Block Sector III, Salt Lake, Kolkata-700106.
11.	Defect Liability Period	24 Months from the date of Virtual Completion of work & Comprehensive maintenance Contract for 3 years after the DLP of 2 years.

12.	Bank Account Details (for EMD)	Bank/Branch: Indian Bank, Ultadanga Branch IFSC : IDIB000K778 A/c Name : Zonal office Kolkata North A/c Number : 50125920219
-----	--------------------------------	---

Note:

1. The bank reserves the right to reject any or all tenders / bids without assigning any reason.
2. The rates quoted by the Tenderer shall be based only on the specifications and conditions of the tender documents.
3. Bank is not liable to make any payment to tenderers either for inspection of site or for preparation to submit the tender / bid, regardless of the conduct or outcome of the bidding process.
4. Bank reserves the right to cancel the tender of the bidder who fails to submit their tender in the prescribed format of bank.
5. The Companies who are registered with Micro, Small & Medium Enterprises and also those having valid NSIC certificate under Government Store purchase Programme having certificate clearly indicating the amount of “Quantitative Capacity per Annum” (amount of Quantitative Capacity Per Annum shall be more than the estimated cost of work) are exempted from the submission of EMD on submission of requisite proof in the form of valid certification from MSME and NSIC

ASSISTANT GENERAL MANAGER (DZM)

Indian Bank, Zonal Office Kolkata North, Estate Dept,

Indian Bank Building, 2nd floor, 377& 378 GD Block ,

Dector III,Kolkata – 700106

Email: zokolkatanorth@indianbank.co.in,

Tel: - 033 –40261911

Pre-Qualification Document

Tender for “Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Southern Side of 17-18 N S Road Howrah 711101”

Sub: Tender for “Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Southern side of 17-18 N S Road Howrah 711101.

The intending bidders shall fulfill the following minimum **Criteria for pre-qualification** bidding for the above jobs: -

1.0 EXPERIENCE

Contractors who fulfil the following requirements supported with documentary proof shall be eligible to apply.

Should have satisfactorily completed the similar works as mentioned below during the last (7) Seven Years ending 30.11.2025 shall be either of the following:

S.no	Eligible Work	Value – Rs. In Lakhs
1	Three similar completed works each costing not less than	3.60
2	Two similar completed works each costing not less than	4.50
3	One similar completed work each costing not less than	7.20

Similar completed works shall mean “Executing LED Video wall display works in India”

- 2.0 **TURNOVER:** Average annual turnover from the works for the last three years ending 31st March 2025 should not be less than **Rs. 10 Lakhs** as per the audited balance sheet.
If audited balance sheet of FY 23-24 is unavailable, previous FY to be submitted.

- 3.0 **Profit / Loss:** - Tenderer should be a Net Profit making firm and should not have made losses in the last three financial years out of past 5 years. Certificate(s) from Chartered Accountant / Statutory auditors specifying the net worth of the Applicants, as at the close of the preceding financial year.

- 4.0 **Solvency Certificate:** - The contractor should have a solvency of the amount of **Rs. 4.5 Lakhs** duly certified by any Scheduled Bank **obtained on or after 31.03.2024.**

Proforma – I

General Information

All individual/Sole Proprietor /Partnershipfirm /Private limited or Public limited firms applying for pre-qualification are requested to complete the information in this form.

1	Name of Tenderer	
2	Head Office Address	
3	Address on which Correspondence should be done.	
	Tel.No.	
	Mobile no.	
	Fax No.	
	E-mail address	
4	Place of incorporation/registration	
5	Constitution of tenderer	
i)	Specify, if the tenderer is	
	a) An individual	
	b) A proprietary firm	
	c) A firm in partnership	
	d) A Limited Company or Corporation	
ii)	Attach a copy of Proprietorship or Partnership Deed or Article of Association or Incorporation of Company as the case may be.	
6	Bank solvency	
7	Turn Over for the years given below	
	2021 - 2022	
	2022 - 2023	
	2023 - 2024	
8	Give particulars of registration with Govt. /Semi Govt. / Public Sector Undertakings / Local Bodies.	
9.	Other details: a) EPF No. b) Labour license no c) PAN No. d) GST Registration No. (Copies to be enclosed)	

10.	Any other information considered necessary but not included above	
11.	Names and Titles of Directors and officers with designation to be concerned with this work with Designation of individuals authorized to act for the organization	
12.	Was the applicant ever required to suspend works for a period of more than six months continuously after commencement of works. If so, give the name of the project and give reasons thereof.	
13.	Has the applicant or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give the name of the project and give reasons thereof.	
14.	Has the applicant or any constituent partner in case of partnership firm, ever been debarred / black listed for tendering in any organization at any time? If so, give details	
15.	Has the applicant or any constituent partner in case of partnership firm, ever been convicted by a court of law? If So, give details	
16.	Detailed description and value of works successfully completed during the last five years as mentioned in Page no. 8	
17.	Furnish names and address of previous organization for which you have executed similar work in the recent past (At least three)	

Note: Only self attested copies to be furnished.

Date&Place

Signature & seal of the applicant

PROFORMA-II List of major Plant and Machinery in possession of the firm

S.No.	Name of Plant & Machinery/equipment	Nos. Available Owned	*Other than col.no.C
A	B	C	D
1			
2			
3			
4			
5			
6			

Signature & seal of the applicant

Date & Place:

Note:

* In case of any arrangement for getting the equipment on lease, etc., authenticated proof of the same is to be submitted.

Use separate sheets for providing more information.

PROFORMA II(a)

**DETAILS OF KEY TECHNICAL AND ADMINISTRATIVE PERSONNEL EMPLOYED
BY**

THE FIRM/COMPANY

S.no	Designation	No of staffs	Names	Qualification	Professional Experience	Years of Experience in This firm

Date and Place:

Signature& seal oftheapplicant

FINANCIAL INFORMATION

I Financial Analysis – Details to be furnished duly supported by figures in Balance Sheet/Profit and Loss Account for the last three years ended 31.03.2024 duly certified by the Chartered Accountant, as submitted by the applicant to the Income-Tax Department (Copies to be attached).

FINANCIAL YEARS	19-20	20-21	21-22	22-23	23-24
(i) Gross Annual turn-over in Works: mentioned in the NIT					
(ii) Profit					
(iii) Financial position:					
(a) Cash					
(b) Current Assets					
(c) Current Liabilities					
IV) (a) Net Working capital (b-c)					
(b) Current Ratio: Current Assets/Current Liabilities (b/c)					
(c) Acid Test Ratio: Quick Assets/Current Liabilities (a/c)					
V. Income Tax clearance Certificate					
VI. Solvency certificate from Bankers (Scheduled Bank) of Applicant. Financial arrangements for carrying out the Proposed work					

Date and Place

Signature & seal of the applicant

Signature of Chartered Accountant with seal of the Applicant

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

PROFORMA IIIA

LIST OF SIMILAR WORKS SATISFYING QUALIFICATION CRITERIA COMPLETED DURING THE LAST 5 YEARS

S.No	Clients Name & Address	Name of the work & Location	Scope of work carried out by the bidder	Agreement/ Letter of Award No. & Date	Contract Value	Date of start	Date of completion	Reasons for delay in Completion, if any	Ref. Or Document (with page no.) in support of meeting Qualification Criterion

Signature & seal of the applicant

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

PROFORMA IIIB

LIST OF WORKS ON HAND

S.No	Clients Name & Address	Name of the work & Location	Scope of work	Agreement/ Letter of Award No. & Date	Contract Value	Date of start

Signature & seal of the applicant

PROFORMA-IV

Certificate of Credit Facility (Solvency) (On Bank's letter Head)

This is to certify that M/s _____, is a reputed firm / company with a good financial standing.

The firm / company is enjoying a fund based credit facility of Rs. _____ to meet its working capital requirements.

Signature:

Name & Designation:

Address of Bank:

BANK'S SEAL:

NOTE:The above certificate shall be from Scheduled Bank.

PROFORMA V

PERFORMANCE REPORT FOR WORKS REFERRED TO IN PROFORMA III (A)

- 1.Name of the work /Project & Location.
- 2.Scope of work.
- 3.Agreement No.
- 4.Estimated Cost
- 5.Tendered Cost
- 6.Value of work done
- 7.Date of Start
- 8.Date of completion
 - a.Stipulated date of completion.
 - b.Actual date of completion.
- 9.Amount of compensation levied for delayed Completion if any.
10. Performance report based on quality of work, Time Management, and Resources :
Very Good/Good/Fair/Poor

Date and Place

**SUPERINTENDING ENGINEER /
CHIE FPROJECT MANAGER
OR EQUIVALENT.**

Scope of Works:

Tender for “Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Southern side of 17-18 N S Road Howrah 711101.

Terms & General Conditions

1. The Vendors shall sign each page of this tender.
2. The rates quoted by the Vendors shall be firm throughout the duration of contract (including extension of time if any granted) and will not be subject to any fluctuation due to variation-in cost of material and labour.
3. The quote shall be valid for min. one (1) months from the date of opening of bid
4. Any addition, alteration or correction in the quote shall be signed and stamped properly by the Vendor
5. Conditional quotes and Incomplete /quotations are liable to be rejected.
6. The rates to be quoted shall include the transportation and all other applicable taxes and nothing extra would be paid on whatsoever ground except GST.
7. Vendor is responsible to take utmost care and provide complete protection for all the existing installed work and other permanent works. In case if any damages occur despite that the Vendor has to reinstate the same in original conditions at their own cost, within in the contract period.
8. No advance payment shall be made to the Vendor on supply of any material supplied at site for execution; payment shall only be made on execution and completion of any concerned/particulars item.
9. The time allowed for completing the works is **30 days**, to be reckoned from the date of Work Order and including Design & approval of drawings.
10. The work has to be completed within the stipulated time of completion. In the event of delay, relevant penalty clause will be invoked. However, if the work is delayed due to the reasons beyond the control of the Vendor, he should keep intimating the Bank explaining, therein the reasons for such delays, immediately and if in the opinion Bank's authorities, the delay is justified, the Vendor shall be granted extension in time limit.
11. Liquidated Damages:

During execution:1% of contract amount per week of delay subject to the max. of 5% of the accepted contracted sum.

After Execution: Based on the down time (Day/ Night) of the LED Board as follows and amount will be deducted from the Retention amount /AMC.

 - a. Up to four Hours – Nil
 - b. For 4-8 Hours – 0.2%

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

- c. For 8-12Hours – 0.3 %
- d. 12- 24 Hrs – 0.4%
- e. >1 day – 0.5% of security deposit X number of days

12. **“Defect liability period (DLP) 2 Years from date of completion of works & certified by the bank. The retention amount shall be 8 % of the total bill value and it shall be payable after completion of 2 years, upon submission of bank guarantee obtained from Scheduled Bank for the amount of Comprehensive AMC of subsequent YEAR.”**
13. The retention amount will be refunded to the Vendor 60 days after the end of defect liability period provided they have satisfactorily carried out all the work and attended to all defects in accordance with the condition of the contract. No interest is allowed on retention money.
14. Shop drawings shall be prepared by the Vendor for approval of Bank before the commencement of the fabrication.
15. Entire work has to be done in Bank's approved colour scheme, design and complete satisfaction of Bank
16. Vendor is responsible for safety of men & materials at site including general Publics.
17. All labourers should be protected with personnel protective equipment's (PPE)
18. Vendor shall follow all rules/regulations in force and should possess the license for employing labour and also follow all safely measures, labour bye laws during the execution of the contract.
19. **Insurance:**

Vendor shall obtain and maintain any and all necessary insurance cover for the entire work that may be required under any law or regulations applicable, including but not limited to the following:

- Vendor's All Risk Policy, for Vendor's Scope of Work.
- All materials and Vendor's own machinery, equipment, tools & tackles, vehicles, etc. • Third Party liability.
- Workmen Compensation • ESIC
- Employer's Liability

The quoted price shall be inclusive of all costs for such insurance coverage including transit insurance and till it is handed over to the employer after its full completion. In all such policies, Owner shall be made 'Co-insured'. Also other Vendors, working at the Site, are covered under the policy.

20. The Bank shall be entitled to deduct the amount of any damage, compensation, cost, charges and expenses arising from or accruing from, or in respect of, any such claims or damage from any or all sums due or to become due to the Vendor without prejudice to the Bank's other rights in respect thereof.
21. Vendor shall follow all rules/regulations in force and should possess the license for employing labour and also follow all safely measures, labour bye laws and shall be responsible for any lapse.
22. Vendor agencies are advised (before quoting the rates) to inspect the site of the proposed work. They must go through specifications and documents. Any clarification, if required, may be taken from the bank before submitting the quote.

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

23. The quantities mentioned in schedule are provisional and likely to increase /decrease to any extent or may be omitted thus altering the aggregate value of the contract. No claim for loss of profit/business shall be entertained on this account.
24. Payment to the Vendor shall be made as per actual work done of site.
25. The Vendor agency shall keep particular vigil on his workers. to maintain very good workmanship of all items, failing which no payment shall be made and no claim of material/labour used shall be made to him in any case, and the same work shall be executed by him again without charging any extra cost.
26. The Bank reserves the right to accept/reject any quotes without assigning any reasons.
27. Any work got executed in poor workmanship as pointed out by the Bank' Official will have to be dismantled and redone by the Vendor on his own cost.
28. Bank shall not be responsible for any loss or damage to the Vendor/labour due to any natural calamity during the course of construction. Vendor is liable to make good all the damages if any, till the work is completed and handed over to the Bank authorities.
29. Bank may award the work in part or whole to a single party or any other party
30. It may please be noted that the bank is not bound to allot the work to the lowest Party and as such, the allotment of work shall be based on workability of rates quoted by the Vendor on account of quality.
31. The Vendor shall not directly or indirectly sublet the work to other party without written permission of the bank.
32. The Bank reserves the right to distribute the work for which quotations have been called, among more than one parties, if found necessary. No claim in this respect shall be considered and the Vendor agrees to cooperate with other agencies appointed by the Bank.
33. The successful Quote is bound to carry out any item of work necessary for the completion of the job even those such items are not included in schedule of quantities.
34. If in any case of work required to be abandoned, the Vendor shall not be entitled for any claims and he will be paid as per the actual work done till that period. If deemed fit
35. Decision of the Bank shall be final and binding on any matter connected with the work.
36. The matter of any dispute shall be decided after mutual discussions based on the terms and conditions of the contract. However, if the matter cannot be resolved there the same shall be referred to the respected qualified persons in agreed to both the parties and his opinion shall be binding on both the parties. However, this is recourse of any legal action in this regard.
37. If any stage during the progress of work, it is observed that the Vendor is not progressing the work with due diligence, care of lagging much behind the schedule of fails go get up the work despite instructions from Bank the Employer (Bank) reserves the right to terminate the contract with 3 days' notice. In such case the Vendor shall be liable to pay the employer any extra cost involved for the completion of the said work and will not obstruct any way in completing the work through other agency. After completion of entire work, the Vendor shall be paid for the actual work executed by him at the quoted rates after deducting any claims, damages.

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

38. At any stage i.e. during the execution of work, any kind of change required, whether it is in design or specification, the same has to be incorporated by the Vendor and It shall be treated as a variation.

39. Single Power point & Water will be providing by bank at free of cost

40. Terms of Payment:

Payment shall be made upon successful completion of work & testing of the same.

Owner may withhold payment on account of any defect/deficiency in the work already executed and payment released, based on subsequently discovered evidence, failure to make payments to Sub-Vendors, damage caused by the Vendor to Owner's property, properties of other agencies within the premises, unfulfilled statutory obligations, etc.

41. Comprehensive Warranty (DLP):

The Bidder should give 2 year's comprehensive warrantee from the date of completion of the work. During the warrantee period, the Vendor should attend the fault at this own cost and risk including content management. During warrantee period would cover comprehensive maintenance of supplied LED board included all the components along with periodical maintenance visits.

42. Annual Comprehensive Maintenance

After completion of DLP of 2 years, the vendor must excise Annual Comprehensive Maintenance as per the rate provided in the Price Bid. It shall be renewed every year till the completion of 5th Year (5 years from the date of installation).

AMC Cost will be released upon submission of bank guarantee obtained from Scheduled Bank for the amount of Comprehensive AMC of subsequent year.

The AMC is payable on yearly basis, after completion of each service period of the year. The Successful Vendor should agree to provide comprehensive maintenance of all the items, which shall include Content management, preventive and corrective maintenance at the location.

During this period, the bidder has to **clean/maintain/replace the faulty parts of** LED video wall display) and submit a report to Bank. Care should be taken such that the LED video wall display are maintained neat and tidy always such that optimum visibility is maintained.

The warranty period will be **60 (Sixty Months)** calendar months from the date of completion of LED board. The Vendor shall remain liable to replace any defective parts that may develop in the board of his own manufacture or that of his sub-Vendors under the conditions provided **for** by the contract under proper use, and arising solely from faulty design, materials or workmanship, provided always that such defective parts as are not, repairable at site and are not essential in the meantime to the maintenance in commercial use of the are promptly returned to the Vendor's works at the expense of the Vendor unless otherwise arranged.

The maintenance includes Routine, Preventive, Breakdown & Capital Maintenance the details are as follows but not limited:

Routine, Preventive, Breakdown & Capital Maintenance:

APPENDIX – V

Bank Guarantee No.

Date:

PERFORMANCE BANK GUARANTEE

Indian Bank, a body Corporate constituted under the Banking Companies Acquisition and transfer of undertaking Act, having its Head Office at No: 66, Rajaji Salai, Chennai – 600 001(hereinafter referred to as Indian Bank) have entered into Agreement/Contract/Order No.----- dt. ----- (hereinafter called “the said Contract/ the said Order”) with M/s ----- [hereinafter called “the said Vendor/Supplier”] for the work of Tender for **“Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty and 3 years Comprehensive Maintenance at the Eastern side of 17-18 N S Road Howrah 711101.”**

➤ Location: Indian Bank Zonal Office Kolkata North,
2nd floor, Indian bank building 377& 378 GD Block, Sector III Salt lake ,
Kolkata – 700106.

1. Whereas under the terms of the said Agreement/Contract/Order, the Vendor/Supplier is required to furnish a Performance Bank Guarantee for __% of value i.e. Rs. -----/- (Rs. Amount in words) towards the due fulfilment of the terms and conditions during the agreed time period or extension thereof, and also satisfactory performance of the said equipment supplied to Indian Bank during warranty period as per the warranty terms stipulated in the Agreement / Order.
2. Accordingly, we ----- (name & Address of the issuing Bank) (hereinafter referred to as “The Surety:”, which expression shall, unless repugnant to the context or meaning thereof, include all its successors, administrators, executors and permitted Assignees.) at the request of ----- (name & Address of the Vendor) do hereby undertake to pay to Indian Bank an amount not exceeding Rs. -----/- (Rs. Amount in words) on the failure of Vendor/Supplier in performance of their obligations as per the terms and conditions of the Contract/Order including the satisfactory performance of the item during warranty period as per the warranty terms stipulated in the Agreement / Contract/Order.
3. The Surety do hereby unreservedly, irrevocably undertake to pay the amounts due and payable under this guarantee without any demur, merely on demand from Indian Bank within 10 days of such demand stating that the amount claimed is due by way of breach of terms and conditions of the Agreement/Contract/Order. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. -----/- (Rs. Amount in words) and We undertake to pay to Indian Bank an amount not exceeding Rs. -----/- (Rs. Amount in words) so demanded not

withstanding any dispute or disputes raised by the Vendor/supplier of the equipment in any suit or proceeding pending before any Court or Tribunal relating thereto our liability under this guarantee being absolute and unequivocal.

The Surety further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/Order and that it shall continue to be enforceable till all the dues of Indian Bank under or by virtue of the said Contract/Order have been fully paid and its claims satisfied or discharged or till Indian Bank certifies that the terms and conditions of the said Agreement/Contract/Order have been fully and properly carried out by the said Vendor/supplier(s) and accordingly discharges this guarantee.

4. The Surety further agree with Indian Bank that Indian Bank shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

terms and conditions of the said Agreement or to extend time of performance by the said Vendor/Supplier of the equipment from time to time or to postpone for any time or from time to time any of the powers exercisable by Indian Bank against the said Vendor/Supplier and to forbear or enforce any of the terms and conditions relating to the said Agreement/Contract/Order and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor/ Supplier or for any forbearance, act or omission on the part of Indian Bank or any indulgence by Indian Bank to the said Vendor/Supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

5. The Surety lastly undertake not to revoke this guarantee during its currency except with the previous consent of Indian Bank in writing and agree that any change in the constitution of the said Vendor/Supplier or the said Bank shall not discharge the Bank of its liability under this deed.

The validity of Bank Guarantee shall be up to DD/MM/YY

And such date shall cover the period of warranty of all the supplies and excludes the period of defect liability. The Bank Guarantee shall remain valid for the period up to which the Vendor is obliged for due performance of the said Agreement/ Contract/Order including the warranty period.

6. This Bank Guarantee shall be governed by and constitute in accordance with Indian Law and shall be subject to exclusive Jurisdiction of Indian Courts.

All the claims under this guarantee must be presented to the bank.

7. Notwithstanding anything contained hereinbefore.

Our liability under this guarantee is restricted to Rs. -----/- (Rs. Amount in words).
The guarantee is valid up to DD/MM/YY or extension thereof.

Unless a claim or demand made in writing is presented to us on or before DD/MM/YY, the date of expiry of this guarantee all your rights under this guarantee shall be lapsed and we shall be released and discharged from all liabilities there under.

In witness where of the Bank through its officials has set its hand and stamp on ---day of ----
---- and the year----- at -----.

SIGNED AND DELIVERED for and on behalf of

For and on behalf of above named Bank. (Banker's Name and Seal)
Branch Manager

(Banker's seal)

SEAL OF THE BANK

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

TECHNICAL SPECIFICATIONS:

S.No:	Description	P4 Outdoor	Compliance	Remarks
01	Pixel Pitch	4mm		
02	Pixel density	≥62500 Dots/Sq. Mtr.		
03	LED Lamp	SMD 252		
04	Configuration	1R1G1B		
05	Size	320X160mm		
06	Weight	≤0.50 Kg		
07	Structure	Lamp & IC in samePCB		
08	Resolution	80*40=3200 Dots		
09	Max Current	<10.34A		
10	Input Voltage	4.5 V		
11	Power Consumption	<47W		
12	Driving Mode	Constant Current		
13	Brightness	>4500 cd/m2		
14	Bright Variation	20-100%		
15	Brightness Uniformity	>0.95		
16	Horizontal Viewing angle	120-140 Deg		
17	Vertical Viewing Angle	120-140 Deg		
18	Best Viewing distance	>4M		
19	Black Spot Ratio	<0.0003		
20	Max Power Consumption	<909 W/m2 Operation		
21	Operation Environment	Outdoor		
22	Grey Scale	14-16 Bits (RGB Each)		
23	Display Colour	≥4000 Billion		
24	Refresh Frequency	3840 HZ		
25	Life Span	>100000 Hours		

S.No:	Technical Specifications (Cloud)	Compliance
01	Cloud Hosting on reputed hosting services like AWS / Azure /Google etc which can scale to support up to 10000 screens as the screen network grows without latency.	
02	Robust Business Continuity & Disaster Recovery Set-up	
03	Backup: Weekly Backup ,3 Month Backup will be kept	
04	Load Balancing Of Application Requests	
05	Security and network access Control	
06	99.00 % Uptime	
07	Server to be hosted in India	
08	Unlimited	

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

Approved Make of Materials

S.No	Item	Make
1.	P4 – LED Module / Lamp	Qiangli, Unilumin, LG, Samsung, Osram, Novastar
2.	Software	Huidu, 3M (Original Version) & Compatible with Bank's system containing all the features
3.	Controller	Novastar, C 10 (Original Version) & Compatible with Bank's system containing all the features.
4.	Outdoor SMPS	Meanwell, ADS
5.	MS Pipe / Frame	JSW, TATA

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

S.NO	CONTENT MANAGEMENT SOFTWARE FEATURES	COMPLIANCE
1	The system should provide a consistent and easy to use solution with web based graphical user interface	
2	Cloud Based Solution: Sever to be hosted on the cloud and hence there is no downtime or limit on the no. of players on the network. Dedicated server on the cloud.	
3	Multi-Level Role based user access : Administrator will have all the rights and he can create users/user groups and assign rights, user access can be provided for a player, group of players or each module like playlist creation, layout management, reports etc.	
4	Maker Checker: Different roles for content creator and content approver required. No content can be pushed without approvers consent	
5	Secured Content Download through HTTPS (443 Port) only. (No Unsecured/Unencrypted communication like FTP, Allowed	
6	Easy and intuitive interface for scheduling content on as per time, date, display, drag and drop templates, etc.	
7	Divide your screen the way you want in to as many regions as required & populate images, videos, flash, etc. in these regions using drag-and-drop interface	
8	Integration with Queue Management System possible without any modification in the current existing software- Additional Feature	
9	Group displays and schedule same content at once to all the displays in the group	
10	Show content in horizontal/vertical formats in any required aspect ratio and resolution.	
11	Supports content push from server & well as pull from the media player.	
12	Drag and Drop feature to create a playlist, modify the position of the files in the playlist.	
13	Content Support: Supports playback of most media formats as follows: o Video Formats: wmv, avi, mpg, mpeg, flv, mov, mp4, mkv, vob, 3gpo Image Formats: jpg, bmp, png, gif, tiff, tifo Flash Format: swfo Text: Show static as well as scrolling text (Tickers) o Adobe: pdf	
14	Integrations with Social Media Feeds like Facebook, Instagram, Bank's APIs, Streaming Services like Cricket or News Feeds, Live Video Streaming like YouTube Live, Facebook Live etc.	
15	Dynamic Data: Playback available for the following dynamic data Webcasting: Show feed of live events received via a streaming servers Embedded HTML Feed from microblog (Twitter) o Feed from any Webcam of RSS (Really Simple Syndication) Feed: Changeable interval based updating of RSS Feed	
16	Over the air Software and OS updates	
17	Centrally turn ON/OFF Displays (Can be scheduled or on demand through commands	
18	Centrally turn ON/OFF USB Ports / HDMI Ports / other Ports (Can be scheduled or on demand through commands)	

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

19	Smart Content Download : Schedule time to download content as per bank guidelines, distribute bandwidth equally amongst connected displays for better bandwidth utilisation, Resume downloads in case of connectivity issues	
20	Smart Delete of content: Smart delete function deletes content which is not in use from media players. However, all the deleted files will be available for downloading.	
21	Inbuilt Media player	
22	CMS should throw dashboard notifications and send emails in case of:	
A	Display Offline in working hours	
B	Media Player Offline in working hours	
C	Content Not Downloaded for more than 24 Hours	
D	Server overload	
E	Hard disk space running out	
23	Default display in case of content not available	

S.No:	Content Management Service	COMPLIANCE
1	Upload Content by vendor which is received from Indian Bank Team.	
2	Create Layouts and Customise them as per Indian Bank's Requirements	
3	Schedule the layouts as directed by the Indian Bank Team	
4	Check Application Server.	
5	Check MYSQL Size (Log Files backup weekly once).	
6	Send Mail to Disconnected branches of Indian Bank.	
7	Send connected and disconnected branches list to Reporting Personals	
8	Provide Support to Indian Bank - Attend all Support Related calls from Indian Bank Branches	
9	Check version updated media players and add displays to display profile	
10	Send daily report to Dedicated Officials.	
11	Create summary of all status on a Monthly Basis.	
12	Provide 4G Data dongle with Data Plan for each screen and connect screen to server (Dongle should draw power from the screen's USB port, additional AC power source for dongles will not be provided)	

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display



PROPOSED LOCATION (SUBJECT TO APPROVAL)

Design, Engineering, Supply, Installation, Testing and Commissioning of Outdoor type P4- LED Video Wall Display with Technical and software support with 2 Years comprehensive warranty” & 3 years CAMC at the at the Southern side of 17-18 N S Road Howrah 711101.

SL:NO	Description	Unit	Qty	Rate	Amount
1	Providing and Commissioning of Outdoor Type Video wall with pixel pitch – P4, Screen as per detailed specifications mentioned with 2 Years warranty including content management. The rate shall be inclusive of allied facilities such as controller, SIM card, Software, remote controller, Timer, Onsite Maintenance, statutory approvals (Govt. agencies) Crane Charges, HDMI patch cable, Crane Charges, scaffolding from the ground floor to the required height of the building as per site conditions & accessories required for the digital signage, as per technical Specification. The Video wall shall be suitably clamped with MS Structure, L - angle of required dimensions & with all accessories required for properly fixing the Video wall in the MS Structure / Aluminium Channel / wall (including drilling, plastering, cutting & all required Civil alteration works required for fixing the P4 LED board at the entrance etc.,) – (A)	Sq.ft.	40'X5' (200 Sq. ft.)		
	Buyback of old existing LED Name Board (including removal, transportation, disposal & all related activities involved in the removal work) – (B)	No.	1		
Cost of Supply & Installation SUB TOTAL – (C) = (A - B) (Exclusive of GST)					
2	Comprehensive Annual Maintenance Contract for the above LED Display for Three years after the 2 years warranty period as per the attached C-AMC instructions including content management				
2.a	CAMC for the 3rd year after DLP		01	*6%	
2.b	CAMC for the 4 th year after DLP		01	*7%	
2.c	CAMC for the 5 th year after DLP		01	*8%	
	CAMC - SUB TOTAL - (D)				

Zonal office, Kolkata North

Outdoor type P4- LED Video Wall Display

	GRAND TOTAL (C+D) – (Exclusive of all taxes)			

1. Lowest rate (L1) shall be evaluated based on Grand total (including Buyback of Old Board).
2. Above price should be inclusive of each and every charges and statutory approvals.
3. Indian Bank should not be liable to pay any extra charges beyond price quoted above.
4. The quantity is for calculation purpose only Actual SFT may vary depends upon the frontage of the building.
5. Rates quoted shall be excluding GST, applicable as per the guidelines of the Govt. of India.
6. While quoting the prices, the quality of material and works shall be confirming to the applicable standards.
7. Payment will be released after successful installation and receipt of necessary statutory approvals.
8. LED board Health log report should be submitted every month.