



**NOTICE INVITING TENDER (NIT)**

State Bank of India, Bhopal Circle invites bid through GeM from Manufactures or their authorized dealers/channel partners for Supply, Installation, Testing and Commissioning of **P4 OUTDOOR ACTIVE LED Display** at State Bank of India, Local Head Office, Bhopal :- 462011

**THE DELIVERY OF MATERIAL, INSTALLATION & CONSIGNEE DETAILS:-**

**STATE BANK OF INDIA, ADMINISTRATIVE OFFICE, BYRON BAZAR, RAIPUR ( CHHATTISGARH).**

**Contact Person:- Shri Sumit Agrawal- Asstt. Manager (Civil) – 9406968443**

1	Scope of the work	a) Supply, Installation, Testing and Commissioning of <b>P4 type OUTDOOR Active LED display with cloud integration, wiring, all necessary fabrication works of MS steel work, civil work, height of pole vary from 10 ft to 15 ft height from the ground floor level, suitable RCC foundation of two pole structure with a depth of 6 feet to 10 feet &amp; size of 4 feet X 4 feet or as per site condition/requirement and as directed by the Bank's Official from where LED screen to be install with all necessary approval, liaison works, obtain various approval/permission by local/state Govt. Authority etc as per site condition complete in all respect.</b> The above LED screen & its allied works having complete 5 years warranty including preventive maintenance on quarterly basis as per terms mentioned in tender documents, cloud based remote control for ON/OFF, brightness control, scheduling and video content uploading with maker checked customized portal etc. <b>Active outdoor LED video wall size, net LED display size : (20' length X 10 'height = 200 sq.ft)</b> 20'= 609.6 cm and 10'= 304.8 cm
2	Completion time	<b>60 days</b> from date of generation of contract through GeM portal. Vendor will submit site wise plan for work Completion & vendor must visit the above site before quoting the rate for their clarity/assessment volume of work.
3	a) Earnest Money Deposit	<b>Rs.20,000/- ( Rupees twenty thousand only)</b> in the form of Demand Draft issued by any Nationalized /Scheduled Bank drawn in favor of <b>"Asst General Manager (P&amp;E), State Bank of India"</b> LHO, 3 <sup>rd</sup> floor, LHO, Bhopal- 462011 payable at Bhopal. Micro & Small Enterprises (MSE) registered under MSME Act, 2006 and start-ups will be eligible for

		concessions as per applicable Government of India guidelines provided bidder should register in the appropriate category.
	b)Initial security deposit	2% contract Value including EMD to be deposited in the form of Demand Draft with-in 7 days from date of Generation of contract.
	c) Security deposit	10 % of the contract value which shall be released without interest after 5 years i.e warranty period of 5 years. If any defects, issues raised during the warranty period and vendor not attend the problem and not resolve as per tender condition, the above SD will be forfeited and Bank will take suitable action against the firm and also restrict participation of tenders in further tendering.
4	Address of submission of EMD (in original)	Original EMD should be submitted (before due date and time) physically at the following office: The Assistant General Manager, Premises & Estate department, State Bank of India, Local Head Office, Bhopal E-Mail: <a href="mailto:agmpne.lhobho@sbi.co.in">agmpne.lhobho@sbi.co.in</a> 0755-2575812, 2575814 Contact:- Deepak Vishwakarma, Manager(Electrical), SBI, LHO, Bhopal- 0755-2575816, 8889988331

5	Address of opening of tender	The Assistant General Manager(P&E), State Bank of India, 3 <sup>rd</sup> Floor, Local Head Office, Bhopal- 462011 (M.P.)  Representatives of Bidder may be present during opening of Bids. However Bids would be opened even in the absence of any or all the bidder's representatives.
6	Validity period of Tender	180 days
7	Validity period for rates	One(1)Year, Bank may allot other sites at same rate during validity period for branches under same Administrative office at its discretion
8	Terms of payment of Bills	<b>For Supply:</b> i. No advance is payable. ii. Only on successful Commissioning of the outdoor type active LED wall/ Signage Board 90% payment will be paid and 10% will be held till completion of the warranty period of 5 years. The vendor is agree and accepted for 10% payment to kept in Bank during 5 years warranty period/defect liability period and no interest will be payable on this.
9	a)Liquidated Damages (During execution)	0.50% per week subject to maximum 5%of the contract value
	Liquidated Damages b)(After execution)	<b>After Execution:</b> Based on the downtime (Day/Night) of the LED Board as follows and amount will be deducted from the security deposit. a. Upto four Hours–Nil b. For4-8Hours–0.2%ofsecuritydeposit c. For8-12Hours–0.3%ofsecuritydeposit d. 12- 24Hrs–0.4%ofsecuritydeposit e. >1day–0.5%ofsecuritydeposit X number of days
10	Comprehensive Annual Maintenance Contract	<b>For Supply:</b> 5 years comprehensive AMC after completion of the 5 - years warranty/ Defect Liability Period.
Incase the date of submission of bid is declared as a holiday, the bids will be opened on the next working day at the same time.		

11. The rate should be inclusive of all, installation, supports, software, maintenance, Levies, transport, transit insurance, loading-unloading, supports, all charges & taxes , cost of the insurances covering all risk policies, cost towards testing of materials supplied, wastages, Octroi, machinery, temporary works such as scaffolding, cleaning, overheads, profit, incidental charges and all related expenses to complete the work including cost of repairs, replacement of the spare parts, conversion of video to desired pixel and loading of software and maintenance of software etc. The Bank will not pay comprehensive AMC charges more than 6-8 % of capital cost/contract value after completion of 5 years warranty period and annual hike in comprehensive AMC will be maximum 5% of contract value of previous year.

12. Bank will execute and agreement of Rs1500/- (Rupees one thousand five hundred only) non judicial stamp paper as per tender terms and condition.

13. Bank reserves the right to accept or reject any or all applications without assigning any reasons. No correspondence will be entertained in this regard.

14. Scanned copy of EMD and duly signed copy of entire this tender document should be uploaded in GeM portal, failing which tender summarily rejected must be uploaded.

15. Vendor should have responsible for conversion of raw videos to actual requirement and feeding, displaying and maintaining of the pool proof software with high security.

16. The steel structure to withstand /bear all the loads on it and also to withstand for heavy wind pressure/velocity of 150KM/HR and heavy thunderstorm. The vendor made additional support of stainless stay wire of suitable size and numbers for providing supports to withstand the LED frame structure in heavy thunderstorm.

17. The height of MS fabrication/civil works from ground level is 10 ft to 15 ft on which LED screen to be install as per site condition and as advised by Bank's Authority. The suitable size of RCC foundation of depth of 6 to 8 feet as per site condition to be made.

18. The vendor has to submit the installation drawings approved by the registered structural engineer that designed structure and grouting method is capable of withstanding a wind pressure of 150 Km/hr. Before the installation of LED video wall, the vendor must submit the drawing, plans with detailed measurement to Bank for its approval.

19. First vendor to be obtain all the necessary approval form Local Govt. Authority/Municipal authority etc before starting the work, during that period its responsibility of vendor to take care of all materials like civil, fabrication, electrical, LED modules, electrical and electronic items by their own and keep it in safe custody by their self.

20. Vendor should obtain the necessary statutory approvals from Government Authorities Municipal Corporation/ Panchayat, RTO, local authority, etc. before installation. All the payment for necessary approval from the Govt Authority to be made by the vendor it self. If any penalty charged against non-receipt of approval, the same to be borne by the vendor only. For regular basis payment after installation as per Govt. norms that to be paid by Bank directly to Government/ Municipal cooperation.

21. Before quoting the rate for the above bid, vendor should visit the sites to understand/analysis the work volume, present site condition and future operation and maintenance aspects etc.

**22. Those vendors who qualified in technical bid and allow to participating in price bid. After opening of price bid, if rate quoted by L-1 vendor is abnormally low by any reasons, they must submit justification on the same, as advised by Bank within stipulated time period. Please note that, if L-1 vendor back out and not agree to execute the work as per tender conditions, Bank will take appropriate action against the firm and not allow him to participate in further bid/bids as per Bank's discretion. If L-1 vendor not execute the work within time frame, delay whatever so reasons, its ISD (initially security deposit) will be forfeited. Bank will take appropriate action against the firm and not allow him to participate in further bid/bids as per Bank's discretion**

Assistant General Manger  
(Premises & Estate)  
LHO, Bhopal

## **ELIGIBILITY CRITERIA**

1. The Bidder should have minimum average turnover of Rs. 8.00 Lakh during last three (Three) financial year i.e. FY 2021-22, 2022-23, 2023-24 (copies of the Balance sheet and P&L Sheet to be uploaded of above period only.
  
2. The bidder must least Three years of work experience in the similar kind of works(as on 31.03.2024 ) in similar business. (Proof in supporting of same to be submitted)
  
3. The bidder should have successfully completed similar works (outdoor active LED video wall/ outdoor LED signage) of following value in Central Govt/ State Govt/Public sector units(PSU)/Public Sector Bank's(PSB)/ Reputed Private/ multinational organization etc. (Enclose Copies of work orders and work completion certificates of upto last 7 years shall only be considered)
  - i. Three works, each works where outdoor active LED signage completed of 80 sqft each.  
**[or]**
  - ii. Two works, each works where outdoor active LED signage completed of 100 sqft each.  
**[or]**
  - iii. One work, each work where outdoor active LED signage completed of 180 sqft each.
  
4. The bidder must have full-fledged offices/service Centre/Branches in any of the location **with-in the geographical area of Madhya Pradesh/Chhattisgarh**. Copy of the electricity bill /GST Certificate/Trade license/ House& water tax/ESI/PF registration receipt etc. to be uploaded. Document should be maximum three months old from date tender floating date **(Certificate Required in ATC)**
  
5. List of technical Staff /Engineer with AADHAR Card /PAN Card of Staff **(Additional DOC 1)**.
  
6. GST registration Certificate **(Certificate Required in ATC)**.
  
7. The applicant must comply to Bank's Technical terms and AMC conditions Duly signed and stamped to be uploaded. **(Additional DOC 2)**.
  
8. The OEM must have a valid BIS certification and ISO Certification.
  
9. OEM Authorization certificate in case of authorized dealer/channel partner. **(Additional DOC- 3)**.
10. All the pages (13 No) of ATC should be seal and signed (it means that vendor accepted all terms and conditions of ATC) and its copy will be uploaded on GeM portal site otherwise, non-submission of which will be treated as invalid tender and liable to reject.

**Note:**

Price bid of only those bidders will be opened, who will qualify eligibility criteria.

### **SCOPE OF THEWORK:**

- a) Supply, Installation, Testing and commissioning of LED Digital Signage Boards to LHO/Branches/Offices with cloud integration to remote control with 5 year warranty and after warranty 5 year CAMC as per approved rate.
- b) The preventive maintenance (PM) to be carried out once in 3 month within the warranty period of 5 years. The objective of PM to keep the LED video wall/ LED digital signage to operate/run the content ( video/audio etc) under its full efficiency & parameter. The preventive maintenance includes following:
- i. Cleaning of outdoor LED video wall/LED digital signage.
  - ii. Checking fitment of internal and external hardware, software, controller, wirings, LED module/LED panels, MS pole structure and heating of the system and complete equipments pertains to LED video wall/LED digital signage.
  - iii. Cleaning of PCBs if any and operating power parameters.
  - iv. Break up call shall be attended immediately.
  - v. Checking of input/output voltage of batteries, if any
  - vi. Checking of fabricated structure, civil work etc in which LED Digital Signage fitted and do necessary rectification/repairing/replacement if required for perfect operation of LED video wall/ Digital Signage Board as per site condition.
- c) Providing technical support and software support during operations 5 Years warranty period and after post warranty with Comprehensive Annual Maintenance Contract as per approved rate.
- d) The scope of work includes all civil foundation work, Bi-pole/ Single pole structure, canopy, ACP sheet covering compatible/suitable for outdoor open sun/rain conditions, controller, SIM Card, Power card, software, remote controller, electrical wiring/power supply, data cabling, necessary power stabilizer for protection of LED system as per site condition, onsite maintenance, statutory approvals viz. Municipal Corporation/RTO or any other Department clearance etc. as a package.
- e) The scope of work also includes controller, SIM card, power card, media box, cloud based Software, cloud based remote control ON/OFF brightness control, splitting screen, onsite maintenance, statutory approvals from respective municipal etc.
- f) Design and drawing of boxing, internal and external supports for fixing of digital signage to be prepared by the bidder for approval from the Bank.

- g) Upload Content by vendor which is received from SBI Team till 5 years warranty period & post warranty with under CAMC as per approved rate. Schedule the layouts as directed by the SBI Team. Send daily report of uptime to Dedicated Officials
- h) The above active LED video wall having feature to give audio output signal to the audio system. The audio system will be installed by the Bank near the LED video wall.

### **TECHNICAL SPECIFICATION**

<b>S No</b>	<b>Description</b>	<b>P4(Outdoor)</b>	<b>Compliance (Yes/No)</b>	<b>Remarks</b>
1	Pixel Pitch	4mm		
2.	Type of display	Outdoor		
3	Material of cabinet	MS cabinet with wall mounted structure		
2	Pixel density	≥62500Dots/SqMtr		
3	LED Lamp	SMD2525		
4	Configuration	1R1G1B		
5	Size	320X160mm or any other		
6	Weight	≤0.50 Kg		
7	Structure	Lamp & IC in same PCB		
8	Resolution	80*40=3200Dots		
9	Max Current	<10.34A		
10	Input Voltage	4.5V		
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	120-140Deg		
17	Vertical Viewing Angle	120-140Deg		
18	Best Viewing Distance	>4M		
19	Black Spot Ratio	<0.0003		
20	Max Power Consumption	<909W/m2		
21	Operation Environment	Outdoor		
22	Gray Scale	14-16 Bits (RGB Each)		
23	Display Colour	≥4000Billion		
24	Refresh Frequency	3840HZ		
25	Life Span	>100000Hours		
<b>Technical Specs Server(Cloud)</b>			<b>COMPLIANCE(YES/NO)</b>	
1	Cloud Hosting on reputed hosting services like AWS/Azure/Google etc. Server to be hosted in India			
2	Robust Business Continuity &Disaster Recovery Set-up			
3	Backup:WeeklyBackup,3MonthBackupwillbekept			
4	Load Balancing Of Application Requests			
5	Security and network access Control			
6	99.00%Uptime			
7	Unlimited Displayed to be controlled			



S N O	CONTENTMANAGEMENTSOFTWAREFEATURES	COMPLIANCE(YES/ NO)
1	The system should provide a consistent and easy to use solution with web based graphical user interface	
2	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.	
3	Maker Checker :Different roles for content creator and content Approver required. No content can be pushed without approvers Consent	
4	Secured Content Down load through HTTPS(443Port)only.(No Unsecured/Unencrypted communication like FTP, Allowed	
5	Easy and intuitive interface for scheduling content on as per time, date, display, drag and drop templates, etc	
6	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	
7	Easy and intuitive interface for scheduling content on as per time, date, display, drag and drop templates etc.	
8	Group displays and schedules ame content at once to all the displays in the group	
9	Show content in horizontal/vertical formats in any required aspect ratio and resolution.	
10	Supports content push from server & well as pull from the media player.	
11	Drag and Drop feature to create playlist, modify the position of the files in the playlist.	
12	Content Support: Supports playback of most media formats as follows : Video Formats: wmv, avi, mpg, mpeg, flv, mov, mp4, mkv,vob,3gpImageFormats:jpg,bmp,png,gif,tiff,tifoFlash Format: swfo Text:Show static as well as scrolling text (Tickers)o Adobe: pdf	
13	Integrations with Social Media Feeds like Facebook, Instragram, Bank's APIs, Streaming Services like Cricket or News Feeds, Live Video Streaming like Youtube Live, Facebook Liveetc.	

14	Dynamic Data: Playback available for the following dynamic data Webcasting: Show feed of live events received via a streaming server Embedded HTML Feed from micro blog (Twitter) Feed from any Webcam RSS (Really Simple Syndication)Feed: Change able interval based updating of RSS Feed	
15	Centrally turn ON/OFF Displays (Can be scheduled or on demand through commands )	
16	Centrally turn ON/OFF USB Ports/HDMI Ports/other Ports (Can be scheduled or on demand through commands )	
17	Smart Content Download: Schedule time to download content as per bank guidelines, distribute bandwidth equally amongst connected displays for better bandwidth utilization, Resume Downloads in case of connectivity issues	
18	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 re-downloading.	
19	Inbuilt Media player	
<b>20</b>	<b>Default display in case of content not available</b>	
	Content Management Service	COMPLIANCE(YES/ NO)
1	Upload Content by vendor which is received from SBI Team.	
2	Create Layouts and Customize them as per SBI Requirements	
3	Schedule the layouts as directed by the SBI Team	
4	Check Application Server.	

5	Provide Support to SBI-Attend all Support Related calls from SBI Branches irrespective of numbers.	
6	Check version updated media players and add displays to display profile	
7	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)	

### **(COMPREHENSIVE-AMC)CLAUSE**

#### **Comprehensive Annual Maintenance Contract(C-AMC) for Active LED video wall after warranty period of 5 years**

##### **Scope of work.**

1. The vendor shall provide maintenance service to keep the LED Digital signage in good and efficient working condition covered under this contract. In addition to this, the vendor should provide preventive and corrective maintenance of LED Digital signage and should get verified from authorized official of the concerned firm. He should also carry out necessary repairs and provide Suitable replacement (equivalent or higher configuration) of defective part(s) / equipment as required.
2. The AMC is fully comprehensive i.e. no cost of parts replaced by vendor will be borne by SBI. All the cost for replacement of equipment or material to be born by the vendor.
3. The break down calls registered by users must be attended promptly and if they are not rectified within one day, the vendor shall provide a suitable replacement for the defective LED video wall/ LED Digital signage. Maintenance of all the LED video wall/ LED Digital signage pertaining to these would be the responsibility of the vendor.
4. Agreement between vendor and SBI will remain in force for period of one (1) years from the end of defect liability period and renew further as per mutual agreement/consideration of SBI & vendor, subject to satisfactory services rendered by vendor.
5. LED video wall/ LED Digital signage at new location if Branch shifted to new location with extra cost. The equipment however will continue to be under AMC at the new location.
6. The firm has to provide a new equivalent parts / items with higher specifications available in the market as standby of the faulty items inside the SBI premises. No LED video wall/ LED Digital signage will be allowed to go

outside of SBI for repair.

7. If the LED video wall/ LED Digital signage is not repaired within 1 working day after reporting the complaint, the LD charge will be levied at the rate of specified in the NIT and as decided by Bank and there after it can be repaired from outside at the risk and expense of the firm.
8. The vendor will be responsible for any mishap or accident or untoward incidence during the maintenance of machine which may occur due to negligence of the service engineer.
9. The vendor shall strictly comply with all Labour and such other Statutory Laws in relation to the Work to be executed and the personnel engaged by the Contractor. The vendor shall be solely responsible for all acts of the said personnel so engaged and there shall and will not be any privity of contract for any purpose and to any intent between the Bank and the said personnel engaged by the Contractor. The Bank shall not be liable nor answerable in respect of any claims or demands in respect of any matter or on any account which may be raised by the said personnel do engaged by the Contractor and it shall be the sole responsibility and liability of the Contractor to answer to all such claims and demands of the personnel so engaged, under any laws for the time being in force.
10. The Contractor will be responsible to bear payments of compensation (under Employees' Compensation Act, 1923 or if any, other such similar Laws for the time being in force & amended from time to time by Govt.), in the event of loss of life of any person(s) or any injury or of any physical hazard of any nature, whatsoever and howsoever described, to his workers or to the third party or to any residents or their dependents, friends, relatives by any or all acts of commissions or omissions of the Contractor himself or of any persons working under him or claiming through him to be his agent during the governing of this agreement. The Contractor should take adequate insurance cover for all risks at his cost.
11. The vendor shall be responsible for the discipline and good conduct of their service engineers.
12. Vendor should have enough spare parts of LED Digital signage/LED video wall at their service centre so that LED Digital signage could be repaired timely. Vendor has to maintain the service center in big cities in MP&CG (Bhopal/Indore/Jabalpur/Gwalior/Raipur/Bilaspur) till end of the 5 years warranty and CAMC period.
13. The firm shall not take any advantage of any misinterpretation of the conditions due to typing or any other error and if any in doubt shall bring it to the notice of the SBI authorities without delay. In case of any contradictions, only the printed rules and books should be followed and no claim for the misinterpretation shall be entertained. The administration's decision in such cases shall be final.

14. The preventive maintenance (PM) to be carried out once in every 3 months. The preventive maintenance includes following:
- i. Cleaning of LED Digital signage/ LED video wall
  - ii. Checking fitment of internal and external hardware and heating of the system
  - iii. Cleaning of PCBs if any and operating power parameters.
  - iv. Break up call shall be attended immediately.
  - v. Checking of input/output voltage of batteries
  - vi. Checking of fabricated structure, civil work etc in which LED Digital Signage fitted and do necessary rectification/repairing/replacement if required for perfect operation of Digital Signage Board as per site condition.
15. Service engineer should submit JOB COMPLETION CERTIFICATE certified by user at each complaint. The one copy of certificate to be retained by user group and another to be given to the officer nominated for compilation of job work and to release the payment.
16. Payment will be made on quarterly basis after submitting preventive maintenance report of all the LED Digital signage. Service engineer has to display their phone numbers at Branch under C-AMC under intimation to in-charge officer for preparing necessary security clearance.
17. No transport will be provided to the service engineer for maintaining LED. Digital signage. The engineer shall use his own vehicles for reporting. No transportation allowances will be allowed.
18. Engineers must be fully equipped with maintenance tool kit and accessories.
19. Any untowards incidents/accidents in respect of service engineers will be the sole responsibility of the service provider/vendor itself. Engineers should be suitably covered for insurance.

I/We here by declare that I/we have read and understood the above instructions and agree and comply the same.

**Signature of the Vendor**