

NOTICE INVITING TENDER (NIT)

State Bank of India, L.H.O. Bhopal invites bid through GeM from Manufactures or their authorized dealers/channel partners having particular authorization from OEMs as mentioned in Bid to quote the rate for Supply, Installation, Testing and Commissioning of **P2.5 OR LESS PIXAL PITCH INDOOR ACTIVE LED Display** at State Bank of India, Local Head Office, Bhopal :- 462011

THE DELIVERY OF MATERIAL SUPPLY, INSTALLATION & COMMISSIONING DETAILS:- AUDITORIUM, SBI, LOCAL HEAD OFFICE, BHOPAL -462011 (M.P.)

1	Scope of the work	<p>(A) INDOOR LED VEDIO WALL P2.5 MM or LESS :- Supply, Installation, testing and commissioning of Active LED Wall (Pixel Matrix Full HD, Resolution 1920 x 1080) with 2.5 mm or less Pixel Pitch as per following technical specifications complete in all respect. Approx Size: Width 15.75 feet / 4.8m x Height 8.86 feet /2.7m or more, make:- LG, Samsung, Sony, Xtreme-media(Series-Vega 2.5) with necessary internal wiring & fabrication works as per site requirement complete in all respect with necessary protection equipment's like stabilizer.</p> <p>(B) Providing and fixing of Controller Matrix Switcher (TP) for connecting in future external LED wall connection point. (MUTLI INPUTS AND SWITCHING CONTROLLER). make:- Dexon, Kramer or equivalent</p> <p>The above both equipment's having with a 5-years complete warranty & One Technical operator/staff whenever during function organize be present at function hall irrespective of calls as informed by Bank. All CAMC terms & conditions for operation, preventive maintenance, replacements of parts etc are applicable in warranty period also without any additional charges.</p> <p>The rates quoted by firm inclusive of S,I,T,C & training of above mentioned works including technical team, manpower, tools & tackles etc complete in all respect upto satisfactory of end user.</p> <p>The cloud based remote control for ON/OFF, brightness control, scheduling and video content uploading with maker checked customized portal</p>
---	-------------------	---

		etc.
2	Completion time	60 days from date of generation of contract through GeM portal. Vendor will submit site wise plan for work Completion.
3	a) Earnest Money Deposit	Rs.60,000/- (Rupees Sixty thousand only) in the form of Demand Draft issued by any Nationalized /Scheduled Bank drawn in favor of “Asst General Manager (P&E), State Bank of India, , 3rd 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	5% (five percent) of the contract value which shall be released without interest after 5 years of warranty.
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: agmpne.lhobho@sbi.co.in 0755-2575812, 2575814 Project Architect:- M/s Studio Plus, Bhopal Mr. Dhananjay Sharma:- 9827059654 Mr. Manoj Sharma:- 9303101076 Bank Engineer(EE):- Deepak Vishwakarma, Manager(Electrical), SBI, LHO, Bhopal Contact:- 0755-2575816, 8889988331

5	Address of opening of tender	The Assistant General Manager (P&E), State Bank of India, 3 rd 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	For Supply: i. No advance is payable. ii. Only on successful Commissioning of the Indoor Active LED Wall. 95% payment will be paid and 5% will be held till completion of the warranty period of 5 years. However it can be converted into Bank Guarantee/STDR lien in the favour of <u>AGM</u> <u>(Premises & Estate), LHO Bhopal</u> for the amount and same period.
9	a) Liquidated Damages (During execution)	0.50% per week subject to maximum 5% of the contract value
In case 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. Along with 5-years warranty & One Technical operator whenever during function (Program) should be present at function. The Bank will not pay comprehensive AMC charges more than 10% 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.

17. 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.

18. Vendor should obtain the necessary statutory approvals from Government Authorities Municipal Corporation/Panchayat, RTO, local authority, etc. before installation. Payment if any will be paid after receiving the approval. If any penalty charged against non-receipt of approval, the same to be borne by the vendor only.

Assistant General Manger
(Premises & Estate)
LHO, Bhopal

ELIGIBILITY CRITERIA

1. The Bidder should have minimum average turnover of Rs.30.00 Lakh during last three (Three) financial year i.e. FY 2020-21, 2021-22, 2022-23 (copies of the Balance sheet and P&L Sheet to be uploaded of above period only and OEMs(as mentioned in bid) turnover 10 times. Certified audited CA reports required.
2. OEM Brand should have active business in India for last 10 years (Incorporation certificate required)
3. The bidder must be at **least Three years of work experience (as on 31.01.2024)** in similar business. (Proof in supporting of same to be submitted)
4. The bidder should have successfully completed similar works (Active Indoor LED Wall) 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 Indoor active LED Wall completed of 50 sqft each.
[or]
 - ii. Two works, each works where Indoor active LED Wall completed of 100 sqft each.
[or]
 - iii. One work, each work where Indoor active LED Wall completed of 140 sqft each.
5. The bidder must have full-fledged offices/service Centre/Branches in any of the location **with-in the geographical area of Madhya Pradesh (Bhopal or Indore)**. 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**) otherwise bid not considered.
6. List of technical Staff /Engineer with AADHAR Card /PAN Card of Staff (**Additional DOC 1**).
7. GST registration Certificate (**Certificate Required in ATC**).
8. The applicant must comply to Bank's Technical terms and AMC conditions Duly signed and stamped to be uploaded. (**Additional DOC 2**).
9. The OEM must have a valid BIS certification and ISO Certification.
10. OEM Authorization certificate must require for particular this project in case of authorized dealer/channel partner otherwise bid not considered.
(Additional DOC- 3).
11. **Bidder must seal and sign all ATC BOQ pages (tender terms & conditions), otherwise bid will not consider.**

Note:

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

SCOPE OF THE WORK:

- a) (i) **INDOOR LED VIDEO WALL P2.5 MM or LESS** :- Supply, Installation, testing and commissioning of Active LED Wall (Pixel Matrix Full HD, Resolution 1920 x 1080) with 2.5 mm or less Pixel Pitch as per following technical specifications complete in all respect. Approx Size: Width 15.75 feet / 4.8m x Height 8.86 feet /2.7m or more, make:- LG, Samsung, Sony, Xtreme-media(Series-Vega 2.5) with necessary internal wiring & fabrication works as per site requirement complete in all respect with necessary protection equipment's like stabilizer.
- b) (ii) **Providing and fixing of Controller Matrix Switcher** (TP) for connecting in future external LED wall connection point. (MULTI INPUTS AND SWITCHING CONTROLLER). make:- Dexon, Kramer or equivalent

The above both equipment's having with a 5-years complete warranty & One Technical operator/staff whenever during function organize be present at function hall irrespective of calls as informed by Bank. All CAMC terms & conditions for operation, preventive maintenance, replacements of parts etc are applicable in warranty period also without any additional charges.

The cloud based remote control for ON/OFF, brightness control, scheduling and video content uploading with maker checked customized portal etc.

- a) Providing technical support and software support during operations 5 Years warranty period and after warranty under Comprehensive Annual Maintenance Contract.
- b) The scope of work also includes controller (Matrix switcher-TP for connecting in future external LED wall connection point) , SIM card, power card, media box, cloud based Software, cloud based remote control ON/OFF brightness control, splitting screen, onsite maintenance etc.
- c) Design and drawing of internal supports for fixing of Active LED Wall to be prepared by the bidder for approval from the Bank.
- d) Upload Content by vendor which is received from SBI Team till 5 years warranty period & Comprehensive AMC. Schedule the layouts as directed by the SBI Team. Send daily report of uptime to Dedicated Officials

TECHNICAL SPECIFICATION

ITEM NO- 1	<p>INDOOR LED WALL, Supply, Installation and Commissioning of Active LED Wall (Full HD) with 2.5 mm or less Pixel Pitch as per following technical specifications complete in all respect. Specification as per Below with 5-years complete warranty.</p> <p>Approx Size: Width 15.75 feet / 4.8m x Height 8.86 feet /2.7m or more,</p> <p>Make:- LG, Samsung, Sony, Xtreme-media(Series-Vega 2.5).</p> <p>NOTE:- ALL ITEMS PROVIDING AND INSTALLATION WORKS COMPLETE IN ALL RESPECT. THE SYSTEM HAS COMPLETE 05 YEARS WARRANTY AND INCLUSIVE OF OPERATOR COST OF VIDEO SYSTEM OPERATION. All CAMC (COMPREHENSIVE TERMS & CONDITIONS) FOR OPERATION, PREVENTIVE MAINTENANCE AND REPLACEMENTS OF PARTS ETC ARE APPLICABLE IN WARRANTY PERIOD ALSO WITHOUT ANY ADDITIONAL CHARGES/COST.</p>		
	Screen Size	Width 15.75feet / 4.8m or more Height 8.86 feet / 2.7m or more	
	Basic Information	Pixel Pitch	2.5 mm or less
		Pixel Density	160000 Pix / Sq-Mtr
		Bonding Wire	Copper Wire
		Cabinet Type	Die CastAl
		Service Access	Front
		Ingress Protection	IP30
		Key Features	Slim and Lightweight, No Structure, Fanless
		Customization	NA
	Physical Parameters	Display Dimensions (W x H)	15.75 Feet/4.8M X 8.86 Feet/2.7M or more
		Display Area	12.96 SQM./139.50 SQFT. Or more
		Pixel Matrix (WxH)	1920 x 1080 or More Full HD or more
		No. of Tiles (WXH)	50 (10x5)
		Diagonal Size	220 inches
		Aspect Ratio	TWO : ONE

		Cabinet Dimensions	500 x 500 x 45mm
		Cabinet Weight	6Kg Approx.
		Screen Weight Excluding Structure (Approx.)	300 KGs
	Visual Parameters	Max. Brightness	800 nits (cd/m2)
		Calibrated Brightness	700 nits (cd/m2)
		Viewing Angle	160x160
		Data Processing	14-16 Bit
		Colours	Up to 281 Trillion
		HDR10	Yes
		Refresh	≥3840
		Contrast	5000 or more
	Certifications	Certifications	CE, FCC, UL, EMC, RoHS BIS, CB, REACH
	Electrical Parameters	Inputs Voltage	100-240V AC, 50/60Hz
		Max. Power Consumption	350 W/m2
		Average Power Consumption	140 W/m2
		Max. Power Consumption Screen	4.38 KW
		Average Power Consumption Screen	1.75 KW
		Power Distribution	NA - 1nos.
		Temperature Sensor	Yes

		Chrome Adjustment	Yes
	Environmental Conditions	Temperature Range	Operating 0° to 50°C
		humidity	Operating 10 to 90%
	LED Controller	Model	VX600 - AIO Controller
		Standard Inputs	DVI x 1, HDMI x 2, SDI x 1, 1 x OPT
		Standard Outputs	LED Out x 6, HDMI Out x 1 (Monitor)
		Optional Slots	Yes
		Control Port	Ethernet, USB Type B, LAN
		PIP(Picture in Picture)	
		Rack Size	1U
	Media Player	Model	XM Neo or equivalent
		Processor	Amlogic 905x3-2Ghz or equivalent
		RAM, Storage	4 GB RAM; 32 GB Storage or more
		Software	XM Player Ver 6.1.0 or More
		XM Signage License type	7 Yrs. Platina license
		IOT Monitoring License type	8 Yrs. Platina license
		File Format	JPEG, MPEG, BMP, PNG, GIF, MP4, MOV, PDF, MP3, WAV
		Supporting Networking	Through LAN/Wi-Fi/WAN

	Video Processor to Divide Screen into Multiple Parts. Multi-Screen with PBP (Picture-By-Picture)/PIP (Picture-In-Picture). Multi-screen in a single display with upto 4 input sources. Supports playing both main screen and sub screen at the same time with various layouts.
	Inbuilt Operating System, Internal Memory 8GB, Wi-Fi Built-in, Local Key Operation. Backup Feature to Move from One input to other in case of Failure.
	Inputs HDMI x 2, DP , USB x 2 or more, Output: HDMI, DP, Control inputs: RS232C in/out, RJ45 in, IR in,
	Remote Controller for easy Operations.

ITEM NO:- 2

Providing and fixing of Controller Matrix Switcher (TP) for connecting in future external LED wall connection point. (MUTLI INPUTS AND SWITCHING CONTROLLER). make:- Dexon, Kramer or equivalent

S N O	CONTENT MANAGEMENT SOFTWARE FEATURES	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 Download through HTTPS (443 Port) 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 schedule same 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 a 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, 3gpo Image Formats: jpg, bmp, png, gif, tiff, tifo Flash 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 Live etc.	
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 microblog (Twitter) Feed from any Webcam RSS (Really Simple Syndication) Feed: Changeable 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 utilisation, 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	
20	Default display in case of content not available	
	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	
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 HD LED WALL

Scope of work.

1. The vendor shall provide maintenance service to keep the Active HD LED Wall in good and efficient working condition covered under this contract. In addition to this, the vendor should provide preventive and corrective maintenance of Active HD LED Wall 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 comprehensive i.e. no cost of parts replaced by vendor will be borne by SBI
3. The breakdown 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 Active HD LED Wall. Maintenance of all the LED Wall pertaining to these would be the responsibility of the vendor.
4. The agreement between vendor and SBI will remain in force for a period of five year warranty and five (05) years with comprehensive AMC.
5. The firm has to provide a new equivalent parts / item with higher specifications available in the market as standby of the faulty items inside the SBI premises. No LED Wall will be allowed to go outside of SBI for repair.
6. If the LED Wall 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 there after it can be repaired from outside at the risk and expense of the firm.
7. 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.
8. The vendor shall be responsible for the discipline and good conduct of their service engineers.
9. Vendor should have enough spare parts of LED Wall at their service centre so that LED Wall could be repaired timely. Vendor has to maintain the service center in big cities in MP (Bhopal/Indore) till end of the 05 years warranty with comprehensive AMC period.
10. 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.

11. The preventive maintenance (PM) to be carried out once in 3 month. The preventive maintenance includes following:
 - i. Cleaning of LED Wall
 - ii. Checking fitment of internal 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
12. 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.
13. Payment will be made on quarterly basis after submitting preventive maintenance report of all the LED Wall. Service engineer has to display their phone numbers at Branch under C-AMC under intimation to in- charge officer for preparing necessary security clearance.
14. No transport will be provided to the service engineer for maintaining LED wall. The engineer shall use his own vehicles for reporting. No transportation allowances will be allowed.
15. Engineers must be fully equipped with maintenance tool kit and accessories.
16. Any Untoward incidents/accidents in respect of service engineers will be the sole responsibility of the service provider. Engineers should be suitably covered for insurance.

I/We hereby declare that I/we have read and understood the above instructions.

Seal & Signature of the Contractor