



LALIT KALA AKADEMI

(National Academy of Art, Govt. of India)
REGIONAL CENTRE 361 – KEYATALA LANE,
KOLKATA – 700029

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LKA/RC/KOL/400/6-Acctts.

Date: 01/02/2023

Limited Tender Invitation (LTI) for Selection of Firms / Agency for installation / maintenance of Outdoor LED Display Board (OLDB) in new building premises of Lalit Kala Akademi, Regional Centre at 85, A.J.C.Bose Road, Kolkata-700 014 on behalf of Secretary, Lalit Kala Akademi, New Delhi.

The Lalit Kala Akademi is an autonomous organisation under Ministry of Culture; Govt. of India, is a premier organisation to promote Visual Arts in India. Akademi invites Limited Tender Invitation (LTI) for Selection of Firms / Agency for installation / maintenance of Outdoor LED Display Board (OLDB) in new building premises of Lalit Kala Akademi, Regional Centre at 85, A.J.C.Bose Road, Kolkata-700 014 on behalf of Secretary, Lalit Kala Akademi, New Delhi.

The bid documents containing the specifications (**Annexure - I** Scope of work & Terms and conditions), (**Annexure - II** Technical Specifications), (**Annexure - 3** Documents Checklist, **Annexure - 4** Tender Acceptance Letter, & **Annexure - 5** - Financial Bid). Tender Documents can be downloaded from Lalit Kala Akademi, New Delhi, Website, <https://www.lalitkala.gov.in> as per schedule given below:

SCHEDULE OF WORK

01-	Name of Work	: Supplying, installation, commissioning & maintenance of P4 Outdoor LED Display Board. (here after named as OLDB)
02-	Completion period of work	: 30 (Thirty) Days
03-	Name of Authority to whom the bids have to be submitted	: Regional Secretary, Lalit Kala Akademi, Regional Centre, 361, Keyatala Lane, Kolkata-700 029, W.B. Email: lkarckol@lalitkala.gov.in / lkarckol84@gmail.com Phone: 033-46022851
04-	Mode of submission	: Offline through speed post / in person in sealed envelope Super scribing "Quotation for Outdoor LED Display Board" addressing to the above mentioned authority and address.
05-	Last date of submission	: 13/02/2023 till 17:00 hours
06-	Date of Opening of quotations	: 14/02/2023

This Limited Tender invitation shall also form part of tender document and shall be returned duly signed along with other required documents along with submission of bids. The issuing authority reserves all rights to cancel/reject/terminate this LTI process at any stage of time, the bidder shall accept the same.


01/02/23
Regional Secretary I/C

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SCOPE OF WORK

The scope of work for Engagement of firms / Agency for installation/maintenance of OLDB (Outdoor LED Display Board) at LKA, Regional Centre, 85, AJC Bose Road, Kolkata – 700014 of the selected agency shall be, but not limited to, the following:

- A- Making of structure & preparing to cover shell and Installation of OLDB.
- B- Maintenance of the OLDB. The component wise details of Scope of work to be carried out by the successful bidder are as follows:

1. Scope of Preparing and fixing OED

- i- The successful bidder has to install OLDB in the specific location in consultation with the tendering Authority.
- ii- The Manufacturer / bidder have to develop and prepare the OLDB according to the size or measurement in the Schedule by the tendering Authority.
- iii- The approved Shell / Configuration structure shall be prepared as per the specification provided by the Authority in the.

2. Scope of Maintenance and Warranty

- i- The bidder shall provide 3 (three) years warranty in original from the manufacture / supplier. An undertaking to this effect shall be submitted along with the technical proposal.
- ii- The bidder shall also furnish a certificate for the materials supplied against the assigned work meets all the stipulated requirements and warranty. The warranty shall also cover the replacements of required spare parts. Warranties should be given in original and should have legal jurisdiction in India.
- iii- The successful bidder has to provide any required service or Maintenance of supplied OLDB up to next seven (7) years after completing warranty period/tenure. The successful Bidder will be required to fully replace all the spare parts that are relative to the working of OLDB that will be submitted to successful bidder upon award to contract.

3. All procedures of participation shall be as per COVID-19 SoP and protocols issued by competent Authority from time to time.

4. Inspection of Completed work:

- i- After the successful bidder is awarded the work, he shall report the progress of work during the different stages of the work, complete all responsibilities assigned in the scope of work and subsequently report completion of work in written statement, to the RS, LKA. The RS LKA approved technical team along with other officials, shall visit the locations work, along with the representatives of the agency to assess the quality of work and its completion.
- ii- The technical team after its visit shall submit report of the work and thereafter the works shall be deemed for making payment.

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- iii- During inspection of the work, the technical team may ask for rectification of any defects/non conformity etc as observed. In such event, the necessary rectifications shall be done as per the Schedule of Technical Specifications put up in the DNIT Document.
- iv- Defects so identified have to be rectified as per Technical Specifications within a period of 10 days maximum.

5. Fabrications, Installation and Erection:

- i- Once the work order is issued to the agency for the assigned work, and subsequently after proof verification of text and pictorial matter, the hoarding works shall be carried out accordingly as per the schedule of Completion of the work.
- ii- Arrangement of lorry, welding equipment, iron plates, (cement, sand, stone chips-optional items), electrical connection accessories, cables, switches etc, cutouts plugs flex materials etc all such items required for the work shall be arranged in the manner as to finish the work in due time.

6 Maintenance, Warranty & Up gradation of installed permanent electronics Display Board:

- i- Maintenance of installed signages shall mean any work required to keep the OLDB fitted, installed properly visible and describe for all viewers for the entire period of contract. The type of maintenance works shall be of preventive and renovation type as well as keeping then up to date round the year.
- ii- It is essential for the agency to check whether the literature, Text, Pictures etc depicted on the signage are not faded out, worn out, torn apart etc, and shall immediately fix such issues arising any time during the contract period.
- iii- After the installation, the signage shall be warranted for a period of 3 (three) years reckoned from the date of installation of completed work. During the warranty period, any defects arising out of the fitting, Fixing, wear out, damage etc, shall be responsibility of the agency.
- iv- Annual Maintenance Charges (AMC) shall be applicable after the expire of 1 (one) year of warranty. After completion of each year of maintenance, the agency shall raise bill for payment of the maintenance charges. The bill shall be addressed to RS, LKA and shall be after examination of the works by the inspection team (technical team and officials of LKA done by the agency).
- v- The bidder shall ensure to deploy a quick response team to resolve any technical issue related to the permanent electronics display board.

8. Extraneous Conditions:

- i- Inclusion of any extraneous terms & conditions that contradicts /modifies the Tender terms & conditions will lead for summery rejection of the Tender. Incomplete Tender will summarily be rejected. The contractor shall not sublet of assign/transfer the said contract to any other person or persons. During submission of bids, no external clauses and conditions shall be submitted by the bidder in any form whatsoever, and he should stick to the conditions of the Bid Document only.

**Signature of Authorized representative
With Name, Seal & Date**

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9. Obtaining dedicated power supply connections for each location of permanent electronics Display Board:

- i- The successful bidder has to obtain dedicated power supply for OLDB installed. In this regard, additional charges shall not be claimed by the bidder and that to be included in the bid value.

TERMS & CONDITIONS

01- Eligibility, Competency & the Details to be furnished.

- (i) Firm/Agency should have (5) five years experience in the Field of installation / maintenance of outdoor LED display boards in different localities similar to work given in the **Annexure-1 & 2** to be furnished.
- (ii) Firm / Agency should have skilled staff having knowledge of the similar work.
- (iii) Firm / Agency should have knowledge of the mandate & work in a Government Department & communication cell. Bidder shall submit *Work Completion Certificate* issued in favor of his/her Firm.
- (iv) Firm / Agency should enclose brief organizational profile Including background, availability of resource & experience of the firm.
- (iv) Firm / Agency's average annual turnover should not be below Rs. 1 Crore for the last three years. Certified copies of balance sheet for the last three years (2019-20, 2020-21, and 2021-22) to be attached.
- (v) Firm / Agency should have experience for installation / Maintenance of OLDB in different locations, management planning & In-house maintenance capabilities based only in the Kolkata, West Bengal. Details & proof of service facilities, maintenance and availability of manpower are to be attached.
- (vi) Firm / Agency should be registered under the GST Rules. Bidders should submit a copy of registration certificate.
- (vii) Firm / Agency should be Income Tax assessee for last 03 years. Copies of IT returns for last 03 years & PAN/TAN Card should be enclosed.
- (viii) Firm / Agency should be BIS registered; Copy of same should be enclosed with the bid documents.
- (ix) Firm / Agency should have ISO Certification; Copy of same should be enclosed with the bid documents.
- (x) Firm / Agency should not be black listed by any Public Sector / Govt. Agency. A Certificate in this regard must be enclosed by the bidders.
- (xi) All documents / proofs should be attached & submit along with bid documents as per **Annexure-3** sequence.

02-Award of contract

- (i) The Tendering authority will award the contract to the successful bidder whose bid has been determined as lowest evaluated bid (L-1).
- (ii) The bidder whose rate is accepted shall be notified for award of the contract prior to expiration of the tender validity period.
- (iii) The terms and conditions stipulated in the tender document shall be fully applicable to the resultant contract and shall be integral part of the contract concluded.

03-Payment Terms

- (i) No advance payment shall be made by the tendering authority.
- (ii) Payment shall be made by the tendering authority within 15-30 days after analyzing the work completion reports as submitted by the firm/agency.
- (iii) TDS shall be deducted @ 2% from the bill/of the firm/agency under the statutory rules of Govt of India in respect of Income Tax & other Taxes etc.

04-Applicable law

The contract shall be interpreted in accordance with the laws of Central/ State Government. For judicial adjudication, the disputes, if any, arising out of the Contract shall be subject to the jurisdiction of the Courts in Tripura only and will be settled accordingly.

05-Financial Bids

- (i) All the bids which qualify in the technical evaluation stage will only be considered for opening of their financial bids.
- (ii) The financial bid must be submitted online separately in prescribed **BOQ**.
- (iii) Final lowest item wise Price may be considered for the evaluation.
- (iv) The rates quoted should be inclusive of GST. The rate at which the GST has been included should be clearly mentioned in the bid. In case nothing is mentioned, it will be assumed that taxes/other levies are included in the rates quoted.
- (v) All rates should be inclusive of everything including transportation/packaging charges.

**Signature of Authorized representative
With Name, Seal & Date**

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TECHNICAL SPECIFICATIONS

SL. NO.	ITEM	QTY.	PARTICULARS
1	P4 Outdoor LED Display Board (OLDB)	01	<p>(i) Providing, Fitting and fixing of digital LED sign board of size 2880mm x 1920mm (L x H). Standing in support of MS structure.</p> <p>(ii) Materials, fabrication, and installation of signage shall confirm to the following requirements:</p> <p>a) Fixing/standing structure on which OLDB shall stand should be made of strong concrete MS angle structure (with 02 coats of iron primer and exterior grade weatherproof paint of good quality.</p> <p>b) Bolts, Nuts, washers, plates & supports shall be of stainless steel, high strength conform to IS specifications.</p> <p>c) Top covering of OLDB shall be of ACP of good quality thickness of 4 mm so that same withhold required ___/strength in advanced tropical weather conditions, materials shall be of smooth, herd & corrosion resistant confirming to IS standards.</p>

TECHNICAL PARAMETERS

SL. NO.	SEQUENCE	LED	WAVELENGTH	LUMINOSITY
1	1	Red	620 - 625 (nm)	115 - 150 (mcd)
2	2	Pure Green	520 - 525 (nm)	345 - 450 (mcd)
3	3	Pure Blue	471 - 473 (nm)	50 - 67 (mcd)

SCREEN PARAMETERS

SL. NO.	ITEM	PARAMETER
1	Pitch (mm)	4
2	LED Configuration	SMD 3 in 1 SMD 1921
3	LED Arrangement	3 in 1
4	Brightness (cd / m ^ 2)	4500
5	Pixel Resolution	4
6	Life Of Light Source (Hours)	Up to 100000 hrs.
7	Aspect Ratio	3:2
8	Density (dots / m ^ 2)	62,500
9	Cabinet Gross Weight (kg)	38 KG
10	Cabinet Colors	Black
11	Module Size (mm)	(L) = 320 ; (H) = 160
12	Module Resolution (dots)	80 x 40 = 320 dots

13	Cabinet Size (mm)	(L) = 960 ; (H) = 960
14	Cabinet Qty (nos)	6
15	Cabinet Resolution (dots)	240x 240 = 57600 dots
16	Length of Led Display System (mm)	2880
17	Height of Led Display System (mm)	1920
19	Cabinet	Iron Cabinet/AL Diecast
20	Angle-Level (angle)	160 (Right / Left)
21	Angle-Vertical (angle)	140 (Up / Down)
22	Best-Vision-Distance (m)	3 Meter & Above
23	Gray Grade (Rank)	16,384
24	Display Color (Color)	Full Colour (16.7 m)
25	Cooling	2 Special silent fans / cabinet
26	Drive Mode	1 / 16 Constant Current Driver
27	Control Mode	Synchrony Transfer
28	In-Interface	RS 232 DVI / HDMI / SDI
29	Wireless Connectivity	Yes
30	Refresh Rate (Hz)	3840
31	Response Time (milliseconds)	1
32	Frame Frequency (Hz)	50-60
33	Contrast Ratio	5000:1
34	Uniformity of Brightness across the Screen	90
35	Gray Scale Processing (Bit)	12
36	Dimming Capability	256 Levels
37	Fan Design	Yes
38	Mean Time Between Failure (MTBF) (Hours)	>10000
39	Maintenance	Rear
40	LED make	Kinglight, Novastar, Nationstar or any equivalent make.
41	Connecting Series	VGA / PAL / NTSC
42	Max Power Consumption (W/m ²)	1200
43	Avg Power Consumption (W/m ²)	Lower than 600
44	Life Time (hr)	100000
45	Power Per Cabinet	900W/4.09 AMPS
46	Control Distance (m)	< 100
47	Protection Level (IP) (Front)	IP 65
48	IP Rating (Rear)	IP65
49	Duty Cycle	24X7
50	IC's	ICN2037 or any equivalent make
51	Time (hr)	> 10,000
52	Temperature (°C)	-20 ~ 50
53	Temperature (°C)	25% ~ 95%
54	Number of DVI- Port, DVI- Input Port, VGA Port, HDMI Port, DP Port, ,	1 each
59	Number of USB Port	2
60	Number of Gigabit Ethernet Port	2
61	Wireless Connectivity	Yes
62	IF Yes Type of Wi-Fi Connectivity	802.11bn (IEEE Standard)
63	Availability of Receiving Card	Yes
64	Standard Accessories to be Supplied	User Manual, MCB, Power Cable From nearest Power Point, LAN Cable, DVI to HDMI convertor etc. (as required)
65	Onsite Warranty (years)	3 years

**Signature of Authorized representative
With Name, Seal & Date**

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DOCUMENTS CHECKLIST

SL. NO.	DOCUMENT	YES/NO
2	Copy of Registration certificate with Registrar of Companies	
3	Copy of PAN/TAN number	
4	Copy of GST registration certificate	
5	Copy of ITR return of last 3 years	
10	Copy of ISO certification	
11	Copy of BIS registration	
12	Background/Profile of Organisation (a) Brief on track record of the firm/agency indicating the strength and credentials (b) No. of Employees (c) Details of in-house facilities	
6	Copy of proof(s) of completion/ongoing client certificate & work order/contract for number of works done during last 5 years.	
7	Copies of satisfactory certificate(s) of having completed at least 3 contracts similar to the subject matter of this tender notice for Government departments/organizations.	
8	Copies of balance sheet/CA certificate of average annual turnover for last 3 years.	

Declaration: This is to certify that I/We before signing this bid document have read and fully understood all the terms and conditions contained in the document and undertake myself/ourselves to strictly abide by them.

**Signature of Authorized representative
With Name, Seal & Date**

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TENDER ACCEPTANCE LETTER

Date:

To
Regional Secretary I/C
Lalit Kala Akademi
Regional Centre
361 – Keyatala Lane
Kolkata - 700029

Subject: Acceptance of Terms & Conditions of Tender
Tender Reference No.XX XXX XXX

Name of Tender/Work: Supplying, installation, commissioning & maintenance of P4 Outdoor LED Display Board. (OLDB)

Dear Sir,

1. I/We have downloaded/ obtained the tender document(s) for the above mentioned Tender/Work" from the website namely www.lalitkala.gov.in of Lalit Kala Akademi.
2. I/We hereby certify that I/ we have read the entire terms and conditions of the tender documents (including all documents like annexure(s). schedule(s) etc. which form part of the contract agreement and I/We shall abide by the terms /conditions/clauses contained therein.
3. I/ We hereby unconditionally accept the tender conditions of above mentioned tender document(s)/ corrigendum(s) in its totality/entirety.

Yours faithfully

With Name, Seal, Signature of Authorized representative and Date

ANNEXURE- 5

Limited Tender Invitation (LTI) for Selection of Firms / Agency for installation / maintenance of Outdoor LED Display Board (OLDB) in new building premises of Lalit Kala Akademi, Regional Centre at 85, A. J. C. Bose Road, Kolkata-700 014 on behalf of Secretary, Lalit Kala Akademi, New Delhi.

FINANCIAL BID

Sl. No.	Description of Item	Quoted Rates (in Rs.)	Quoted Rates (in figures)
1	Supplying, installation, commissioning & maintenance of P4 Outdoor LED Display Board. (OLDB)		

Note:

- (i) Tax Deduction at Source (TDS): TDS shall be deducted from each bill/invoice (as applicable) of the contractor under the statutory rules of Govt. of India in respect of Income Tax & other Taxes etc.
- (ii) Price should be quoted inclusive of applicable GST.
- (iii) Necessary statutory recovery may be made as per rules.
- (iv) All rates should be inclusive of everything including transportation/packaging charges.

**Signature of Authorized representative
With Name, Seal & Date**