

NAME OF THE PARTY:

LIMITED TENDER

Preamble Of Tender:- Electronics Corporation of Tamil Nadu Limited (ELCOT), a wholly owned Government of Tamil Nadu Undertaking is the Optional Procurement Agency of the Government of Tamil Nadu for procurement of IT related products like Computers, Printers, Other Peripherals and Software as per G.O. Ms. No. 58, Finance (BPE) Department, Dated 16.02.1999. Accordingly, ELCOT has been procuring various IT related products to all the State Government Departments / Boards / Autonomous Bodies etc. As part of the Procurement activities, ELCOT floats this tender inviting bid for the Supply and installation of additional IT Peripherals for Display Boards inside and outside the Court Halls for Madras High Court.

Short Title used in the Tender Document:

1. **Bidder:** Bidder means the party who makes a formal offer in pursuance of the tender floated.
2. **Successful Bidder:** Successful Bidder means the Bidder who becomes Successful through the tender process.
3. **Day:** A day means a Calendar Day.
4. **Purchaser:** Purchaser means the end user for whom the procurement is indented through the tender.

Tender Schedule:

a)	Tender No	ELCOT/PROC/LT/33785/2023-24
b)	Type of Tender	LIMITED TENDER – Single part bid
c)	Tendered Items	Supply and installation of additional IT Peripherals for Display Boards inside and outside the Court Halls for Madras High Court
d)	Delivery	High Court, Madras
e)	Due Date & Time for Submission of Tenders	27.02.2024 @ 3.00 PM.
f)	Opening Date & Time	27.02.2024 @ 4.00 PM.

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EMD: The EMD Amount of Rs.5,000/-(Rupees Five Thousand Only) along with bid should be submitted through Demand draft drawn in favor of “Electronics Corporation of Tamil Nadu Limited”, Chennai. (OR) through NEFT/RTGS to the Following Bank Account, (or) EMD is waived off for the bidder having valid MSME/NSIC/SSI for the relevant category.

Name of the Bank & Branch	State Bank of India, Saidapet
SBI A/c No.	10610747091
IFS Code	SBIN0000912
MICR No.	600002045

MODE OF DESPATCH: Tenders should be addressed to the **MANAGING DIRECTOR – ELCOT** (by Designation only) and super scribed with the tender number and sent in sealed cover either by Registered post with acknowledgment due or in person. Tenders received in ordinary cover without seal will not be considered. Bids received after the due date and Time will not be accepted. Delay in postal transit will not be accepted as a valid reason for late submission. The Tender Document is not transferable to any other bidder.

IMPORTANT NOTE: **TENDERER MUST SUBMIT THIS ORIGINAL TENDER DOCUMENT WITH THEIR SIGNATURE, AND SEAL WITHOUT MISSING ANY OF THE PAGES. Price bid must be submitted in the bidder’s company letter head.**

The tenders received on SPECIFIED DUE DATE & TIME will be opened at ELCOT, 692, Anna Salai, Nandanam, Chennai – 600 035 in the presence of the bidders who choose to be present. If sufficient response is not received on the due date of opening, ELCOT reserves its right to extend the due date for submission of tenders inviting more bids or cancel the tender.

Items Tendered:

SL. No.	Product Code	Description	Qty
(1)	(2)	(3)	(4)
1	33785-001	65” Display Outer enclosure / Acrolic Sheet	6
2	33785-002	XLR Male-Female 25 mtrs	4
3	33785-003	XLR Male-Female 15 mtrs	4
4	33785-004	XLR Male-Female 5 mtrs	4
5	33785-005	Stereo to Phono 10 mtrs	4

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SL. No.	Product Code	Description	Qty
(1)	(2)	(3)	(4)
6	33785-006	Stereo to Phono 5 mtrs	2
7	33785-007	Stereo to XLR male 5 mtrs	2
8	33785-008	Stereo to XLR female 5 mtrs	2
9	33785-009	Phono to XLR male 5 mtrs	2
10	33785-010	Phono to XLR female 5 mtrs.	2
11	33785-011	SDI to HDMI Bi-Directional Converter	6
12	33785-012	SDI Cable 10 Mtrs.	3
13	33785-013	SDI Cable 5 Mtrs.	6
14	33785-014	XLR to RCA 5 mtrs	2
15	33785-015	Phono to RCA 5 mtrs.	4
16	33785-016	Video Capture card – Aver Media (Latest Configuration) HDMI/SDI IN+Audio Out & In + USB Output	1
17	33785-017	Stereo female to RCA 5 mtrs	4
18	33785-018	Streaming Video Encoder – Data Video (Latest Configuration)	1
19	33785-019	Wi-Fi Router 2/5 Ghz Support	5
20	33785-020	Memory Card 256 GB	2
21	33785-021	Polycom Pad Mic	4
22	33785-022	Polycom Pad Mic cable with 10 mtrs.	4
23	33785-023	Handy CAM with HDMI output	1
24	33785-024	VGA to DVI cable adapter	5
25	33785-025	Google Chrome cast media streaming device	1
26	33785-026	USB to HDMI Converter	1

- 1) **Delivery and Installation:** Within 6 weeks from the date of issue of purchase order.
- 2) **Validity of the Tender:** The prices are to be kept valid for acceptance for 90 days from the date of opening of the tender.
- 3) **Payment Terms:** (a) 100% of the total cost of ordered items will be paid by ELCOT on behalf of the purchaser, after receipt of funds from the purchaser, on delivery, installation and commissioning and submission of an irrevocable Bank Guarantee for 5% of the cost of the order value valid for 39 months from the date of supply.

(OR)

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(b) 95% of the total cost of ordered items will be paid by ELCOT on behalf of the purchaser, after receipt of funds from the purchaser, on supply, installation and commissioning and handing over of the ordered items to the Purchaser and the balance 5% will be released to the supplier after completion of warranty period. This 5 % of the purchase order value will be retained as performance Security Deposit and will be returned to the bidder only after the successful completion of the tender conditions.

4) Liquidated Damages for Non-Fulfillment of Purchase Order: 0.25% per day on the undelivered portion of the value subject to a **maximum of 10%, if the supply, installation and commissioning has not been completed in full within the stipulated delivery period.**

5) PENALTY FOR NON-FULFILLMENT OF CONDITIONS:

In the event of non-fulfillment or non-observance of any of the conditions stipulated in the tender document and Purchase order, the successful bidder should pay the penalty amount equivalent to 10 (ten) per cent of total value of purchase order or an amount equal to the actual loss incurred by the purchaser whichever is higher.

6) Warranty: 3 years from the date of installation.

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SPECIFICATIONS

1. 65" Display Outer enclosure / Acrylic sheet		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Outer Encloser should Complatable for Display upto 65"	
2	MS Iron Frame with clear white & Thick Acrylic Sheet	
2. XLR Male-Female 25mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR male 3 pin connector	
2	XLR female 3 pin connector	
3	Cable Length: 25 Meters	
4	High quality shielded microphone cable	
3. XLR Male-Female 15mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR male 3 pin connector	
2	XLR female 3 pin connector	
3	Cable Length: 15 Meters	
4. XLR Male-Female 5mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR male 3 pin connector	
2	XLR female 3 pin connector	
3	Cable Length: 5 Meters	

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5. Stereo to Phono 10 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Moulded 6.35 mm stereo Connector	
2	Moulded 3.5 mm stereo connector	
3	Cable Length: 10 Meters	
6. Stereo to Phono 5 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Moulded 6.35 mm stereo Connector	
2	Moulded 3.5 mm stereo connector	
3	Cable Length: 5 Meters	
7. Stereo to XLR Male 5 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR male 3 pin connector	
2	Moulded 3.5 Stereo male Connector	
3	Cable Length: 5 Meters	
8. Stereo to XLR Female 5 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR female 3 pin connector	
2	Moulded 3.5 Stereo male Connector	
3	Cable Length: 5 Meters	

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9. Phono to XLR Male 5 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR female 3 pin connector	
2	Moulded 6.35 mono Connector	
3	Cable Length: 5 Meters	
10. Phono to XLR Female 5 mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR female 3 pin connector	
2	Moulded 6.35 mono Connector	
3	Cable Length: 5 Meters	
11. SDI to HDMI Bi-Directional Center		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Input: HDMI×1; REF×1 (Black Burst, Tri-Level Sync)	
2	Output: Up / Down Converted SDI×2	
3	Supported Video Output Format: Up / Down Converted SDI port 1080p60/50, 1080i60/50, 1080p30/25/24, 720p60/50 1080p59.94, 1080i59.94, 720p59.94, 1080p29.97, 1080p23.98 525i, 625i	
4	Supported Audio Format: Up to 8 Channels, 24bit, 48KHz	

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12. SDI Cable 10 Mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	High quality Audio SDI cable	
2	Cable Length: 10 Meters	
13. SDI Cable 5 Mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	High quality Audio SDI cable	
2	Cable Length: 5 Meters	
14. XLR to RCA 5 Mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	XLR male 3 pin connector	
2	Moulded RCA Connector	
3	Cable Length: 5 Meters	
15. Phono to RCA 5 Mtrs		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Moulded 6.35 mono Connector	
2	Moulded RCA m connector	
3	Cable Length: 5 Meters	

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16. Video Capture Card - Aver Media (Latest Configuration) HDMI/SDI IN+Audio Out & In + USB Output**Make:****Model:**

Sl. No.	Description	Technical Compliance (Yes/No)
1	Host Interface: USB 3.0	
2	Audio Interface: HDMI / L R	
3	Audio Format: LPCM / PCM	
4	Audio Sampling Rate: Audio L/R: 48KHz, 16bit HDMI: 32KHz, 44.1KHz, 48KHz, 16bit	
5	Input Interface: HDMI, DVI, VGA, SDI, S-Video,	
6	Video Format: YUY2 (4:2:2) RGB24(Supported by SDK)	
7	Encoding Mode: Software Encoding	
8	Supported OS: Windows 7/8.1/10	

17. Stereo Female to RCA 5 Mtrs**Make:****Model:**

Sl. No.	Description	Technical Compliance (Yes/No)
1	High quality Audio Stereo to RCA cable	
2	Cable Length: 5 Meters	

18. Streaming Video Encoder - Datavideo (Latest Configuration)**Make:****Model:**

Sl. No.	Description	Technical Compliance (Yes/No)
1	Video Input: HDMI x1; SDI x1;	
2	Video Output: Support Down Scaling to 128x128	
3	Resolution: 1080p 60/59.94/50 1080p 30/29.97/25/24/23.98 1080i 60/59.94/50 720p 60/59.94/50 480i 59.94, 576i 50	
4	Encode: H.264/AVC, Main/High Profile Level 4.1	
5	Streaming Protocols: TS over TCP/UDP (unicast & multicast) RTSP over HTTP/TCP/UDP (RTSP Elementary Streaming) RTMP/RTMPS (Publish) SRT	

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6	Network Interface: 1x RJ45 (10/100Mbps Ethernet)	
7	Video Bitrate: For Recording Up to 16Mbps (1080p50/60) For Stream Up to 10Mbps (1080p50/60) For Rec and Stream: Up to 36Mbps (1080p50/60) (dual stream)	
19. WiFi Router 2/5 Ghz Support		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Wireless VPN router, with 2x2 802.11ac wireless	
2	Ethernet WAN: 1 RJ-45 SFP Gigabit Ethernet combination port	
3	Ethernet LAN: 4 RJ-45 Gigabit Ethernet ports	
4	VLANs: 16; Port security: 802.1X;	
5	WAN: Dynamic Host Configuration Protocol (DHCP) client, static IP, Point-to-Point Protocol over Ethernet (PPPoE), PPTP, Layer 2 Tunneling Protocol (L2TP)	
6	WLAN: 2x2 wireless 802.11ac	
20. Memory Card 256 GB		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Capacity: 256GB	
2	Performance: read speed up to 120MB/s, write speed up to 45MB/s	
3	Operating Temperature: 0° ~ 70° C	
4	Storage Temperature: -25° ~ 85° C (-13°F ~ 185°F)	
5	Speed Class: Class10, U3, V30	
21. Polycom Pod Mic		
22. Polycom Pod Mic cable with 10 Mtrs		

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23. Handy CAM with HDMI Output		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Camera Image Sensor: 1/2.5-inch BSI MOS Sensor	
2	Total Pixels: 8.57 megapixels	
3	Optical Zoom: 24x	
4	Focal Length: 4.12 – 98.9 mm	
5	Recording Media: SD/SDHC/SDXC Memory Card	
6	Recording Format: [AVCHD] AVCHD Progressive[MP4] MP4	
7	Compression Method: MPEG-4 AVC/H.264	
8	Audio Recording System: AVCHD: Dolby Audio (5.1ch / 2ch) MP4: AAC (2ch)	
24. VGA to DVI Cable Adapter		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Connectors: VGA male connectors on both ends	
2	Ferrite: Moulded ferrite on both ends	
3	Conductor gauge: 28 awg	
4	Resolutions supported: 1920*1201	
25. Google Chrome cast Media Streaming Device		
26. USB to HDMI Converter		
Make:		
Model:		
Sl. No.	Description	Technical Compliance (Yes/No)
1	Host Interface: USB 3.0	
2	Video Interface: HDMI	
3	Connectivity: Up to 6 adapters on a computer	
4	Compatibility: Windows XP, Windows 7, Windows 8/8.1/10, Mac OS	
5	Compliance: CE, FCC	

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PRICE BID:

Name of the bidder:								
SL No	Product Code	Description	Qty. in Nos.	Unit Price (including Packing, Forwarding, Insurance) without Taxes Rs.	Applicable GST in %	Applicable GST in Rs.	Unit Price inclusive of GST (5+7)	Total Amount in Rs. (4 X 8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	33785-001	65" Display Outer enclosure / Acrylic Sheet	6					
2	33785-002	XLR Male-Female 25 mtrs	4					
3	33785-003	XLR Male-Female 15 mtrs	4					
4	33785-004	XLR Male-Female 5 mtrs	4					
5	33785-005	Stereo to Phono 10 mtrs	4					
6	33785-006	Stereo to Phono 5 mtrs	2					
7	33785-007	Stereo to XLR male 5 mtrs	2					
8	33785-008	Stereo to XLR female 5 mtrs	2					
9	33785-009	Phono to XLR male 5 mtrs	2					
10	33785-010	Phono to XLR female 5 mtrs.	2					
11	33785-011	SDI to HDMI Bi-Directional Converter	6					
12	33785-012	SDI Cable 10 Mtrs.	3					
13	33785-013	SDI Cable 5 Mtrs.	6					
14	33785-014	XLR to RCA 5 mtrs	2					
15	33785-015	Phono to RCA 5 mtrs.	4					
16	33785-016	Video Capture card – Aver Media (Latest Configuration) HDMI/SDI IN+Audio Out & In + USB Output	1					

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Name of the bidder:								
SL No	Product Code	Description	Qty. in Nos.	Unit Price (including Packing, Forwarding, Insurance) without Taxes Rs.	Applicable GST in %	Applicable GST in Rs.	Unit Price inclusive of GST (5+7)	Total Amount in Rs. (4 X 8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
17	33785-017	Stereo female to RCA 5 mtrs	4					
18	33785-018	Streaming Video Encoder – Data Video (Latest Configuration)	1					
19	33785-019	Wi-Fi Router 2/5 Ghz Support	5					
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25	33785-025	Google Chrome cast media streaming device	1					
26	33785-026	USB to HDMI Converter	1					
		Total						

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