

## Tender document

Department of IME

Indian Institute of Technology Kanpur  
Kanpur (UP) 208016 India

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Interested parties may view and download the tender document containing the detailed terms & conditions from the website <https://www.iitk.ac.in/new/tenders-notice>

Enquiry date: 27-12-2021

Enquiry No: IITK/IME/2021-2022/287

Quotations are invited for **Flip TV with stand (Quantity-01)**. The detailed technical specification is described below.:

Panel	Diagonal Size	85"	
	Type	New Edge, 60Hz	
	Resolution	3,840 x 2,160 (Landscape)	
	Brightness(Typ.)	350cd/m2 (without glass)	
	Display color	16.7M	
	Viewing Angle(H/V)	178:178	
	Response Time(G-to-G)	6ms(Typ.)	
Sound	Speaker Type	Built in Speaker (10W x 2CH)	
Connectivity	INPUT	RGB	N/A
		VIDEO	HDMI 2(Rear 1, Front 1), DP 1, OPS I/F
		AUDIO	N/A
		USB	2(For SoC, Rear/Front), 2 (for external 2.0 x1/3.0x1(Front))
	OUTPUT	RGB	N/A
		VIDEO	HDMI 1 (Screen Share in Front)
		AUDIO	1(Stereo Mini Jack)
		Touch Out	Touch Out 2 (USB Upstream Type, Front 1, Rear 1)
	INTERNAL	SENSOR	N/A
	EXTERNAL	CONTROL	Touch Input RS232C thru stereo jack, RJ45(For MDC)
BT/WiFi		Yes (Keyboard/Mouse)	
Touch	Type	IR	
	# of Drawing	4 drawing (Internal) 20 touch (External)	
	Touch Pen Type	Passive Pen with magnet	
	Object Recognition Range	2mm/ 4mm / 8mm / 50mm (Brush Mode : Dynamic Object Recognition)	
	Haze	8%~12%	
	Thickness	3.2T	
	Hardness	Heat Semi-Strengthened Glass	

	Additional Film		AG, Hydrophobic Coated PET
Power	Type		Internal (Main 1ea, OPS 1ea)
	Power Supply		AC 100~240V 50/60Hz
	Power Consumption	Max[W/h]	418 (OPS 19V/3.7A)
		Typical[W/h]	151
		Rating[W/h]	380 (OPS 19V/3.7A)
		Stand-by[W/h]	0.5
BTU[W/h]		1,425.38 (OPS 19V/3.7A)	
Mechanical Spec	Dimension (mm) (W * H * D)	Set	1942.8 * 1144.1 * 69.4
		Package	2136 * 1311 * 260
	Weight (kg)	Set	74.5
		Package	91.5
	Color		Charcoal Black
	VESA Mount		600 * 400
	Protection Glass		Yes
	Stand Type		Wall Mount
	Media Player Option Type		OPS Slot support
	Rotation		Landscape only
	Power Cable Length		3M /2.4M(US)
	Accessory		Power Cord, USB Upstream Cable(2ea), Pen(2ea, Black), OPS Box, Warranty/QSG
	Operation	Operating Temperature	
Humidity		10 ~ 80%, non-condensing	
Feature	Key		Flip App
	Orientation		Landscape
	Special	H/W	Touch Overlay(IR), Front Connectivity, OPS I/F Support(w/OPS Box) Built in Speaker(10W x 2), WiFi/BT Module Embedded
		S/W	Flip S/W
		Platform	Muse-M (Tizen 6.0)
	Internal Player (Embedded H/W)	Processor	CA72 Quad(1.7GHz) 2MB L2
		On-Chip Cache Memory	L2 : 2MB
		Clock Speed	1.7GHz CPU Quad
		Main Memory Interface	LPDDR4 1.6GHz 64bit 3.0GB
		Graphics	GPU : MaliG51 MP4@760MHz
		Storage	16GB
		IO Ports	USB 2.0
		Operating System	Tizen 6.0 : Samsung Proprietary OS(VDLinux)
	Certification	Security	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
	Accessories	Included	Power Cord, USB Upstream Cable(1ea), Pen(2ea, Black), OPS Box, Warranty/QSG

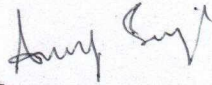
	Optional	Wallmount	WMN8200SF
		Specialty	Flip UX
Media Player	CPU		N/A
	N/B		
	S/B		
	GPU		
	FDM/HDD		
	Memory		
	Ethernet		
	Connectivity	USB	
Output			
Others			

### **Terms & Conditions:**

1. The price of each item should be quoted separately (Any item can be cancelled at any time).
2. Quotation must be valid for 30 days, in case of import this should be valid for 90 days
3. All prices are to be for **IIT Kanpur**.
4. Please provide official e-mail id for conversation post quotation opening.
5. Delivery period must be within 4 weeks from purchase order date.
6. The institute is exempted for payment of Excise duty under notification No. 10/97 & partially custom duty (@5.15%), under notification 51/96 and a road permit will be provided, if applicable. The Concessional Form 'C/D' have been abolished w. e. f. Apr 01, 2007.
7. Our standard payment terms and conditions is **90%** on installation and **10%** after inspection and approval.
8. The **Penalty** @1% per week or part thereof subject to max 10% of the delivery price will be deducted from the balance payment, if supply is not completed within aforesaid delivery period.
9. Preference will be given to only those vendors who have Service/ Repairing center stationed at Kanpur (Single point of contact in Kanpur for any service related issues).
10. No Call Locking will be entertained (in/out stationed). If at all it is required then it will be performed by local Maintenance Engineer.
11. Testing of the product onsite is mandatory.
12. In no case, the suppliers shall be provided with remote access of the servers.
13. It is mandatory to quote for above given optional, else the quotation may be rejected.
14. Reporting time should not be more than 2 hours.
15. Resolving time should not be more than 2 days.
16. At any time prior to the deadline for submission of bid, the Institute may, for any reason, at its own initiative, modify the bid document by amendments. Such amendments shall be uploaded on the website through corrigendum and shall form an integral part of bid document. The relevant clauses of the bid document shall be treated as amended accordingly. It shall be the sole responsibility of the prospective bidders to check the website from time to time for any amendment in the tender document. In case of failure to get the amendments, if any, the Institute shall not be responsible for it.
17. A higher warranty may be given preference.

18. The Institute reserves the right for accepting and rejecting any quotation without assigning any reason thereof. Also, The Institute reserves the right to reject or accept all or any of the offer made above.
19. IIT Kanpur has the right to accept the whole or any part of the tender or portion of the quantity offered or reject it in full without assigning any reason.
20. Vendors are requested to quote only in Indian currency (Rupees). If the vendor wants to quote in an alternate currency, the vendor should seek an explicit permission from the department before sending the bid.
21. If all or any of the components of the equipment is/are to be imported, the vendor holds its full responsibility for its delivery at IIT Kanpur and that too in the stipulated time period. If for any reason the vendor does not want to deliver to IIT Kanpur, the vendor needs to seek an explicit permission from the department, **before** sending the bid.
22. Maximum educational discount should be offered wherever applicable.
23. Mention the country of origin and product should not belongs to PRC.
24. IIT Kanpur is partially exempted from payment of GST (@5% only), IIT Kanpur will provide GST exemption certificate for the same. Institute is partially exempted from GST and the same should be offered in your bid as well. Items used for research & development purpose as specified in column 3 of notification no. 45/2017 & 47/2017 dated 14 Nov 17 will be partially exempted for GST.
25. Bidder Should Be an OEM Authorised Partner Attach Manufacture Authorization Copy.
26. Bidder must be A Service Support Office Available In Kanpur, Single point of contact in Kanpur for any service related issues.
27. Bidder Must Be Registered Office Available In UP

**Quotations should be in the name of: -**



**Dr. Anoop Singh**  
**Professor**

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