



EDUCATIONAL MULTIMEDIA RESEARCH CENTRE UNIVERSITY OF CALICUT- 673 635

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Director

No. 123393/EMMRC-ASST1/2017/Admn

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13. Quotation Notice for Connectors

Sealed competitive quotations are invited from reputed firms for the items given below:

No.	Description of items	Specification		No. of items
1.	HD-SDI to HDMI	Supported Video Formats	720(1440) x 480i @ 59.94/60, 720(1440) x 576i @ 50 1280 x 720p @ 50, 1280 x 720p @ 59.94/60 1920 x 1080i @ 50, 1920 x 1080i @ 59.94/60 1920 x 1080p @ 23.94/24, 1920 x 1080p @ 25, 1920 x 1080p @ 29.97/30 1920 x 1080p @ 50, 1920 x 1080p @ 59.94/60	2
		Video Inputs	3G, HD, and SD-SDI (auto-selected), SMPTE-259/272/274/292/296/299/424/425 1x BNC input, 1x BNC loop-through output	
		Video Outputs	HDMI v1.3a, 24/30/36 bits per pixel, RGB, 2.25Gbs, SD, HD, 1080p50/60 HDMI Standard Type A connector	
		Audio Outputs	HDMI embedded audio, 24 bit, 2 or 8 channels RCA-style analog outputs at -10dBV	
2.	Analog to HD-SDI	Supported Video Formats	720(1440) x 480i @ 59.94/60, 720(1440) x 576i @ 50 1280 x 720p @ 50, 1280 x 720p @ 59.94/60 1920 x 1080i @ 50, 1920 x 1080i @ 59.94/60 1920 x 1080p @ 23.94/24, 1920 x 1080p @ 25, 1920 x 1080p @ 29.97/30	2
		Video Inputs	HD Component (YPbPr) or SD Component/Composite/S-Video, 3x BNC	
		Video Outputs	SMPTE-259/272/274/292/296/299 HD/SD-SDI with embedded audio outputs, 1 x BNC	
		Audio Outputs	2 channels unbalanced, 2x RCA	
		Video ADC	12-Bits	
		Audio ADC	24-Bits, 48kHz	
3.	HD-SDI to Analog	Ported Video Formats	720(1440) x 480i @ 59.94/60, 720(1440) x 576i @ 50 1280 x 720p @ 50, 1280 x 720p @ 59.94/60 1920 x 1080i @ 50, 1920 x 1080i @ 59.94/60 1920 x 1080p @ 23.94/24, 1920 x 1080p @ 25, 1920 x 1080p @ 29.97/30	2

		Video Inputs HD and SD-SDI (auto-selected), SMPTE-259/272/274/292/296/299/424/425 1x BNC input, 1x BNC loop-through output	
		Video Outputs Selectable Component (YPbPr) or Composite (CVBS and S-Video) by DIP switch NTSC and PAL support 3x BNC output	
		Audio Outputs 2 channels RCA-style analog outputs at -10dBv	
4.	SDI Distribution	SDI Video Input Switchable between SD, HD and 3G-SDI. SDI Video Output 8 outputs automatically match the SDI video input Multi Rate Support Auto detection of SD, HD, 2K, or 3G-SDI	2
5.	Analog Distributor	Formats • NTSC, PAL, • Bi-level Reference, • Tri-level Reference Inputs • 1 Analog, Differential, 1 x BNC Outputs • 6 Analog, 6 x BNC Termination • 75 Ohms or non terminated Video Bandwidth • 0 – 6 MHz +/- 0.1dB	2
6.	Video Capture Card	Ultra studio Express Input Video: SDI x1 10-bit SD/HD switchable HDMI type A x1 Via breakout cable: Component YUV x1 on 3 BNC or RCA connectors, supports HD and SD, switchable to S-video or composite Input Audio Via breakout cable: Analog -- 2 channels via balanced XLR connectors or unbalanced RCA connectors AES/EBU -- 2 channels unbalanced with sample rate converter on BNC connector SDI -- 16 channels embedded HD / 8 channels embedded SD HDMI -- 2 channels embedded in SD and HD Output Video: SDI x1 10-bit SD/HD switchable HDMI type A x1 Via breakout cable: Component YUV x1 on 3 BNC or RCA connectors, supports HD and SD, switchable to S-video or composite Output Audio: Via breakout cable: Analog -- 2 channels via balanced XLR connectors or unbalanced RCA connectors AES/EBU -- 2 channels unbalanced with sample rate converter on BNC connector	1

		SDI -- 16 channels embedded HD / 8 channels embedded SD HDMI -- 2 channels embedded in SD and HD	
7.	Field Display	Blackmagic Video Assist field monitor with two batteries and charger	1
		Technical Details	
		Item Height	13.1 Centimeters
		Item Width	33 Millimeters
		Screen Size	7 Inches
		Item Weight	789 g
		Product Dimensions	18.9 x 3.3 x 13.1 cm
		Batteries	1 Lithium ion batteries required
		Item model number	HYPERD/AVIDAS74K
		SDI Video Input	1 x SD/HD/3G/6G-SDI (BNC connector)
		SDI Video Output	1 x SD/HD/3G-SDI (BNC connector)
		HDMI Video Input	1 x HDMI 2.0a
		HDMI Video Output	1 x HDMI 2.0a
		SDI Audio Input	2 channels embedded in 6G-SDI
		SDI Audio Output	2 channels embedded in 6G-SDI
		HDMI Audio Input	2 channels embedded via HDMI 2.0a
		HDMI Audio Output	2 channels embedded via HDMI 2.0a
		Analog Audio Input	2 x balanced mini XLR with phantom power
		Audio Output	1 x 3.5 mm stereo analog audio output jack
		Remote Control	1 x 2.5mm LANC for Record Start and Stop.
		USB	Mini-B USB 2.0

Terms & Conditions

1. **Cost of Tender** :0.2% of the cost of the item rounded to the nearest multiple of 100, subject to a minimum of ₹ . 400/- and maximum of ₹ . 1,500/- + Taxes as applicable, to be paid by Cheque/DD in favour of **Director, EMMRC** and must be submitted along with the Bid otherwise the bid will be rejected.
2. **Earnest Money Deposit (EMD)** : 1 % (rounded to the nearest rupees) of the total cost of the articles tendered for and subject to a minimum of ₹ .1,500/- as crossed DD drawn in favour of **Finance Officer, University of Calicut** (Cash/Cheque will not be accepted).
3. All the quoted rates should be in Indian rupees. Tenders should indicate Unit Cost, GST, other charges if any and details of guarantee/warranty.

4. The successful tenderer must furnish a security deposit @ 5 % of the total cost of the item tendered for and execute an agreement at their own cost in Kerala Stamp Paper worth ₹ . 200/- for the satisfactory fulfilment of the contract.
5. The sealed tenders should be superscribed with “ **Tender for the supply of Connectors**”.
6. **The last date of receipt of tenders: 13.09.2017**
7. The bidder should have GST registration and a copy of the same should be submitted along with tender documents
8. **Tenders addressed to:** The Director
Educational Multimedia Research Centre
University of Calicut
Calicut University P.O - 673 635
Email: emmrccalicut@yahoo.co.in

Sd/-
DIRECTOR, EMMRC