

Ref: NPTEL/05/2017/STUDIOEQUIP

Date: 01/09/2017

LIMITED TENDER No: NPTEL/05/2017/STUDIOEQUIP

Dear Sir/Madam

On behalf of NPTEL, Indian Institute of Technology Madras, tenders are invited for the
“STUDIO EQUIPMENTS” conforming to the specifications given in Annexure-I.

Date of Floating Tender : 01/09/2017

Date of Closing Tender: 11/09/2017

Instructions to the Bidder

1. Preparation of bids: The tender should be submitted in 2 bid system ie. Technical Bid & Financial Bid. The technical bid should consist of all technical specifications/details and financial bid should indicate item-wise price for each item and it should contain all commercial terms and conditions including taxes, transportation, packing & forwarding, payment terms, pricing terms etc. The technical and financial bid should be put in separate sealed covers . Both the sealed covers should be put in a bigger cover. The limited tender for supply of “STUDIO EQUIPMENTS – NPTEL” should be written on the left side of the outer bigger cover and sealed.
2. The Tender shall be sent to the below mentioned addresses either by post or by courier so as to reach the following address before **11/09/2017, 11.00 AM**.
Dr. Andrew Thangaraj, Project Co-ordinator, NPTEL, Web Studio, IC & SR Building, 3rd Floor, Chennai 600 036.
3. The tender will be opened by a committee duly constituted for this purpose. The technical bids will be opened first and it will be examined by a technical committee which will decide the suitability of the bid as per our specifications and requirements. In respect of opening of financial bid, those bidders who are technically qualified only will be called for.
4. **Prices:** The price should be quoted in net per unit (after breakup) and must include all packing and delivery charges. The offer/bid should be exclusive of taxes and duties, which will be paid by the purchaser as applicable. However the percentage of tax & duties should be clearly indicated. The price should be quoted without custom duty, since IIT Madras is exempt from payment of excise duty and the custom duty will be paid at concessional rate against duty exemption certificate. Lowest bid will be lowest total cost of all the equipments mentioned in Annexure-I by single vendor
5. **Agency Commission :** No commission will be paid.

6. **Terms of Delivery:** The items should be supplied to NPTEL as per the purchase order. In case of import supply, the item should be delivered at the cost of the supplier to our institution. The items should be supplied within 1 week from the date of issue of purchase order.
7. **Technical Bid Opening:** The technical bid will be opened on 11th Sep'2017 @ 12.00 Noon and the financial bid of those tenders who are technically qualified will be opened @ 4.00 pm.
8. NPTEL/IIT Madras reserves full right to accept/reject any tender at any stage without assigning any reasons.

Annexure – I

S.No.	Description	Qty		
PTZ CAMERA STUDIO EQUIPMENT COMPATIBLE WITH EXISTING PANASONIC AND DATAVIDEO EQUIPMENT			MODEL	Preferred brands
1	1/2.86" 3 MOS Full HD (1920x1080) Professional PTZ camera with following specifications. <ul style="list-style-type: none"> - 20x or higher optical zoom lens - Full HD IP streaming and multi-streaming - PoE+ Capability - HD/SD SDI and HDMI outputs - supports remote camera control using an IP control browser from PC/MAC/Mobiles - OIS and 1.4x digital extender zoom - Night mode for Infra-red shooting - 2 lx minimum illumination - 1000 TV lines Horz resolution - BBS / Trilevel sync input - RS-422 interface - RS-232C interface - Mic/line input - Pan range \pm 175 degrees - Tilt range -30 to +210 degrees - LAN port 10 Base -T / 100 Base Tx - RJ45 	2	AW-HE-130WE	Panasonic

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2	Professional 2-stage tripod with 8kg payload / 75mm ball diameter and height up to 165cm or more. Fixed counterbalance and drag mode	2	LX-7	Vinten/Libec
3	Dolly suitable for above tripod	2	DL-3RB	Vinten/Libec
4	PTZ camera controller compatible with above camera and having following specifications. - IP Control of up to 100 cameras - serial control of up to 5 cameras - up to 100 preset memory positions - Complete control of camera menus	1	AW-RP-50E	Panasonic
5	Professional HD/SD-SDI Hard Drive Video Recorder, 1RU rack mountable. -HD/SD-SDI, time code & Audio Interface. SDI/HDMI outputs. - Supports recording of MOV/MXF file format. - Supports SSD disk recording	1	HDR-70-HDK	Data Video/Shogun
6	SSD Disks of 256GB capacity compatible with above HDD recorder	4		Any with 3 years warranty
7	Professional Video streamer and recorder with following specifications. - Auto-detect HDMI input supporting Full HD progressive and interlaced format. - HDMI video output (preview output of video input signal) - Line level stereo analog audio input/output (3.5mm jack) - RJ45 providing 10/100/1000 Base-T Ethernet with Static or DHCP addressing - Supports H.264/MPEG-4 Part 10 (AVC) Video Encoding - Record Mode: 100 kbps to 30 Mbps - Streaming Mode: 100 kbps to 20 Mbps - RTMP, RTSP/RTP IPv4 Support Unicast and Multi Unicast (number of clients may vary from 3 to 10) - 2X USB 2.0 I/F Support for NTFS (3.1) and FAT32 file system - 1x SD card slot	1	MATROXMONARCHHD	Matrox, Data Video Shogun
8	USB 2.0 P2 card reader	1	AJ-PCD-2G	Panasonic
9	6-CH HD Video Switcher . Supports 4-CH HD-SDI, 2-CH HDMI inputs, 2-CH HD-SDI & 2-CH HDMI outputs, 2 x Chroma-Key, 2x DSK. Supplied with control panel	1	SE-1200 DATAVIDEO OR SONYMC8	Panasonic/Sony/Data Video
10	Professional UHF Wireless lapel mic system with camera mount receiver. Frequency response 50-20000Hz; Nominal impedance 150ohm; power supply 48±v; Sensitivity in free field - 40mV/Pa; Min terminating impedance - 1000 ohm.	2		AKG/Sennheiser

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11	Professional UHF Wireless lapel mic system with rack mount receiver . Frequency response 50-20000Hz; Nominal impedance 150ohm; power supply 48±v; Sensitivity in free field - 40mV/Pa; Min terminating impedance - 1000 ohm.	2		AKG/Sennheiser
12	LED COOL LIGHT (120 WATTS) Dimmable With Lamp (3000 * K) 4 Leaf Barn Door with 5 Meter Cable with required heavy duty tripod and cable length 10 mts - 2 and 15 mts - 2 Nos	4		Kinoflo/Ilfords
13	500GB HDD Storage Module with USB3.0 connection for AJA Kipro recorder	1	KI-STOR500-USB	Compatible
14	Up/down/cross converter with 3G support - 3G/HD/SD SDI/HDMI/VGA input to HDMI/SDI Up/Down/Cross Converter with 11 selectable output formats.	2	DAC-70	Black magic/Data Video
15	Dual 7" 400NIT ,8-bit HDR Panel Monitor with 2x Rack Ears with screws,5X Master II Caddies,4x Rubber Feet,2x Large rubber Feet,2x IEC Power cable,1x Screen cleaning cloth. MEDIA DRIVE : G-TECH MASTER CADDY SSD 1TB	2	Atomus Shogun Studio / Gtech SSD (for Media Drive)	Shogun Studio or equivalent

FINANCIAL BID TO INCLUDE FOLLOWING DETAILS:

S.NO	Description	Model	Qty	GST%	Unit Price incl.GST	TotalPrice incl.GST
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