

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

Ref. No. C-DIT/3/PF-WSD/17/T008

Date 28.04.17

TENDER NOTICE

Supply of Video/Audio equipments/ peripherals

Sealed tenders are invited for the supply of the following.

1. HD Camcorder
2. Digital Voice Recorder with built in USB
3. Light weight compact stereo microphone for camcorder
4. Camcorder Tripod
5. Vidu pro-Streaming Device
6. Black Magic H264 Pro Recorder

The envelopes containing the tender should bear the superscription "Tender for the supply of Video and Audio equipments/peripherals " and should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chitranjali hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the quotations on their own papers by post/hand. Last date for receipt of tenders is **10th May 2017 , 3.00 PM**. Late tenders will not be accepted. The tenders will be opened at **3.30 PM on 10th May 2017** in C-DIT office in the presence of the tenderers or their authorized representatives who may be present at that time. Details of the requirements and the conditions governing the supply can be downloaded from our website www.cdit.org

Thiruvananthapuram

28.04.2017

Sd/-

REGISTRAR

SPECIFICATION

Sl no	Item	Specification	Requirement
1.	HD Camcorder	<p>Weight: Max. 4000 g (including supplied battery), Sensor Approx. 24.3 MP, SENSOR TYPE, 1 / 5.8 type (3.1 mm) back-illuminated Exmor R CMOS Sensor, Effective Pixels (Video) Approx. 2.29 MP (16:9), Effective Pixels (Still Image) Approx. 1.71 MP (4:3), Approx. 2.29 MP (16:9), Lens Type G Lens, Filter Diameter 46 mm, APERTURE F1.8-F4.0, FOCAL LENGTH f = 1.9 - 57.0 mm (0.7 - 2.25), FOCAL LENGTH (35 MM) (VIDEO) f = 26.8 - 804.0 mm (16:9), FOCAL LENGTH (35 MM) (STILL IMAGE) f = 26.8 - 804.0 mm (16:9), f = 32.8 - 984.0 mm (4:3), MINIMUM FOCUS DISTANCE Approx. 1 cm (Wide), Approx. 80 cm (Tele), OPTICAL ZOOM 30x, CLEAR IMAGE ZOOM 60x, DIGITAL ZOOM 350x, CLEAR IMAGE ZOOM 60x, Balanced Optical SteadyShot with 5-axis Intelligent Active mode, LCD SCREEN TYPE 7.5 cm (3.0 type) Clear Photo LCD display (460 800 dots) Wide (16:9), ANGLE ADJUSTMENT Opening Angle: max. 90°, Turning Angle: max. 270°, BRIGHTNESS CONTROL, TOUCH PANEL, SHUTTER SPEED Auto Control Range (1/8 (NTSC) / 1/6 (PAL) - 1/10000), Standard (1/30 (NTSC) / 1/25 (PAL) - 1/10000), Manual Iris Control (1/30 (NTSC) / 1/25 (PAL) - 1/10000), Manual Shutter (1/8 (NTSC) / 1/6 (PAL) - 1/10000), FOCUS TYPE Contrast AF FAST INTELLIGENT AF, LOCK-ON AF, FOCUS MODE Auto / Manual (Touch Panel), FOCUS AREA Full range Focus/Spot Focus, Shooting SELF-TIMER Approx. 10 s. (Still Image), TIME-LAPSE CAPTURE (Shooting Interval (1 / 2 / 5 / 10 / 30 / 60 s), Shooting number (1 - 999), Capture Image Size</p>	2 nos

Sl no	Item	Specification	Requirement
		<p>(HD: S (2.1 MP; 1920 x 1080)), AE Mode (AE Lock / AE Tracking))</p> <p>SCENE SELECTION, PICTURE EFFECT, OTHER SHOOTING FUNCTIONS Face Detection, Smile Shutter, Cinematone, Intelligent Auto, Red Eye Reduction, Fader Effects, Dual Record (video and still image), Dual Video Recording, FLASH METERING SYSTEM Pre-flash TTL, FLASH MODE Auto / On / Off, FLASH COMPENSATION (3 steps),</p> <p>Storage Media COMPATIBLE RECORDING MEDIA XAVC S HD: Micro SDHC Memory Card (4 GB or over, Class 10 or Higher) / Micro SDXC Memory Card (Class 10 or Higher), AVCHD, Still: Memory Stick Micro (Mark 2), Micro SD/SDHC/SDXC Memory Card (Class 4 or Higher), INTERNAL MEMORY Flash Memory 32 GB, RECORDING FORMAT (VIDEO) XAVC S format: MPEG4-AVC/H.264, AVCHD format ver.2.0 compatible: MPEG4-AVC/H.264, MP4: MPEG-4 AVC/H.264, RECORDING FORMAT (STILL IMAGE) DCF Ver. 2.0 compatible, Exif Ver. 2.3 compatible, MPF Baseline compatible, VIDEO RESOLUTION XAVC S HD: 1920 x 1080 / 60p (NTSC) / 50p (PAL), 30p (NTSC) / 25p (PAL), 24p AVCHD: 1920 x 1080 / 60p (NTSC) 50p (PAL) (PS), 30p (NTSC) / 25p (PAL) (FX, FH), 60i (NTSC) / 50i (PAL) (FX, FH), 1440 x 1080 / 60i (NTSC) 50i (PAL) (HQ, LP), MP4: 1280 x 720 30p (NTSC) / 25p (PAL),</p> <p>VIDEO RECORDING RATE (ABR / VBR) XAVC S HD: approx. 50 Mbps, AVCHD PS: approx. 28 Mbps / FX: approx. 24 Mbps / FH: approx. 17 Mbps / HQ: approx. 9 Mbps / LP: approx. 5 Mbps, MP4: approx. 3 Mbps STILL IMAGE SIZE (PHOTO MODE) L: 9.2 MP 16:9 (4032 x 2272), 6.9 MP 4:3 (3024 x 2272), S: 2.1 MP 16:9 (1920 x 1080), 0.3 MP 4:3 (640 x 480), STILL IMAGE SIZE (MOVIE MODE) L: 9.2 MP 16:9 (4032 x 2272), S: 2.1 MP 16:9 (1920 x 1080), STILL IMAGE SIZE (PHOTO CAPTURE) 2.1 MP 16:9 (1920 x 1080)</p>	

Sl no	Item	Specification	Requirement
		<p>STILL IMAGE SIZE (DUAL RECORD) L: 9.2 MP 16:9 (4032 x 2272), S: 2.1 MP 16:9 (1920 x 1080), PROGRESSIVE MODE AVCHD: 50p / 25p, Progressive recording, MP4: 25p, Progressive recording, XAVC S HD: 50p/25p, Progressive recording, MICROPHONE Built-in 5.1ch Zoom Microphone, AUDIO RECORDING FORMAT XAVC S: MPEG-4 Linear PCM 2ch (48 kHz / 16 bit), AVCHD: Dolby® Digital 5.1ch, Dolby® Digital 5.1 Creator, Dolby® Digital 2ch Stereo, Dolby® Digital Stereo Creator, MP4: MPEG-4 AAC-LC 2ch, MIC LEVEL CONTROL (31 steps), MY VOICE CANCELING, AUTO WIND NOISE REDUCTION, Monaural Speaker, INPUT AND OUTPUT TERMINALS Accessory Shoe (Multi Interface Shoe), HDMI (micro) Terminal, Remote (integrated into Multi / Micro USB Terminal) Terminal, Stereo Minijack, DC IN, WI-FI, NFC One-touch remote; One-touch sharing, LENS COVER, Power Minimum capacity 980 mAh, maximum output voltage 8.4 V, USB CHARGE, POWER CONSUMPTION (LCD SCREEN) HD: 2.5 W</p>	
2.	Digital Voice Recorder with Built-in USB	<p>Weight max. 200 g, BUILT-IN MEMORY 4 GB, PC CONNECTIVITY, BUILT-IN MICROPHONE Stereo (S-Mic),RECORDING FORMATLinear PCM/MP3,PLAYBACK FORMATLPCM/MP3/AAC/WMA,MAXIMUM FILES (TOTAL)5,000 files (including number of folder),MAXIMUM FILES PER FOLDER199,CALENDAR SEARCH, LCD BACKLIGHT, USB CONNECTION CHARGING, Built-In Lithium Battery, Playback & Edit features DIGITAL PITCH CONTROL (SPEED CONTROL), NOISE CUT, GRAPHIC EQUALISER, A-B REPEAT, EASY SEARCH, TRACK MARK, ERASEPROTECT, DIVIDE, MOVE FILE, FILE COPY, FOLDER NAME CHANGE (WITHOUT USING PC)</p>	1 no

Sl no	Item	Specification	Requirement
3.	Light weight compact stereo microphone for camcorder	Adjustable recording range of up to 120 degrees, Windscreen to reduce interference, Provision for microphone cable, Weight not more than 100g, Record high quality sound in detail, Adjust sound capture across a wide frame, microphone terminal cable is provided for plug-in power, Multi Interface Shoe Compatible	2 nos
4.	Camcorder Tripod	Remote control tripod with angle and zoom from a distance, oil fluid head delivers smooth panning in any direction, Lightweight, compact, aluminum frame, Grid line button for precise alignment, Multi-interface cable for attaching other cameras, The tripod extends to a maximum height of 1,465 mm and goes right down to a low angle of 435 mm for high or low shots, Weight: Maxx. 1200 g, Maximum Load: 5 kg	2 nos
5	Vidui pro-Streaming Device:	Hdmi Iput with Supported Resolutions: 1080p, 1080i, 720p, 576i/ p, 480i/ p. H.264 Video Compression,Built-in Video Scaler and DeInterlacer, Audio compression: AAC.Ethernet,Wireless, WiFi, Multiple USB 3G/4G modem support.Internal Rechargable Battery.	1 nos
6	Black Magic H.264 Pro Recorder	SDI,Analog and HDMI Input. Computer interface: USB	2 nos

GENERAL TERMS AND CONDITIONS

1. This Tender is invited for the "**supply of Video/ Audio equipments/ peripherals**" for one of the projects taken up by C-DIT.
2. C-DIT reserves the right to cancel any or all tenders without assigning any reason whatsoever

3. ELIGIBILITY CRITERIA OF TENDERER

To qualify for award of the work, the intending tenderer must be an authorized dealer / supplier of the quoted items/ with prior experience in supplying the same or similar equipments in the last two years.

4. The Tenderers are responsible for effecting supply to the entire satisfaction of the undersigned or his authorized representatives. In case any defect in the item supplied is noticed, such item will be rejected at the risk and cost of the Supplier.
5. Tenders shall invariably be accompanied by manufacturer's catalogues and leaflets giving full specifications. Technical particulars and other details of the items offered 'brand make' and complete specification should be mentioned in the tender. In the absence of full details and technical specification the tenders for the items will be rejected.
6. The undersigned does not bind himself to accept the lowest tender and reserve himself the rights of accepting the whole or any part of the tender and the tenderer shall be bound to supply the accepted item at the rates quoted.
7. CDIT reserves the right to split the quantity of the items to be supplied among one or more bidders, at its sole discretion.
8. No advance payment will be made against supplies.

9. The rate quoted by the Tenderer shall be inclusive of the transportation charges, installation charges and unloading charges at site. Rates quoted by the tenderer shall be valid for a period of six months from the date of opening of the tender.
10. Delivery period shall be specifically indicated in the tender and strictly adhered to. The supply shall be arranged within 10 days on receipt of the firm order. Any delay in the delivery period after the supply order is placed may result in cancellation of the supply order.
11. The rate should be quoted for the unit shown in the list and tenders which do not indicate this essential information will not be considered.
12. There is no separate bid form. The supplier shall submit the price offers in their own paper
13. The rate quoted for material shall be final and no enhancement will be allowed under any circumstances.
14. The Supplier/ Contractor shall provide on-site comprehensive warranty of **one year** for the products from the date of supply.
15. If the tenderer furnishes wrong and/or misleading data, statement(s) etc. about technical acceptability of the goods and services offered by it, its tender will be liable to be ignored and rejected in addition to other remedies available to the purchaser in this regard.
16. After Sales Service: After sales service centre should be available in Thiruvananthapuram. Complaints should be attended properly, maximum within 24 hrs. The service should be provided directly by Tenderer/Indian Agent.
17. All items offered shall conform in all respects to the relevant Indian standard Specification with up to date amendments wherever applicable.
18. Any dispute / differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations. Unresolved disputes/ differences, if any, shall be settled by Arbitration and the arbitration proceedings shall be conducted at Thiruvananthapuram (India) in English language, under the Indian

Arbitration and Conciliation Act, 1996. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.

19. PAYMENT TERMS

The following terms of payment shall be applicable for the contract

I. 100 % payment against successful supply of the Equipment at the site.

20. Agreement: The Successful bidder within 7 days of getting confirmed purchase order has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper, to ensure warranty and after sales support during the warranty period.

21. Authority: The authority for the acceptance of the tenders rests exclusively with the C-DIT. The C-DIT does not undertake to accept the lowest or any particular tender or to assign any reason whatsoever for the rejection of any tender.

22. The last date for submission of tender 10th May 2017, 3.00 Pm The tender will be opened on the same day at 3.30 PM

23. At any time prior to the deadline for submission of tenders, the C-DIT may, for any reason deemed fit by it, modify/amend the tender documents by issuing suitable amendment(s)/ corrigendum's to it. Corrigendum to this tender shall be published in the site www.cdit.org. Prospective bidders are advised to regularly visit the website: www.cdit.org to keep track of corrigendum, if any.

24. In case of doubt:

If the bidder have any doubt on technical specifications or on terms & conditions stipulated above, please contact Sri. Sumesh in Mobile Number: 9633034181

Sd/
REGISTRAR, C-DIT
Dated 28.04.17

PROFORMA OF "AGREEMENT"

(To be executed on non-Judicial Stamp Paper)

This Agreement made this. day of Two thousand and Between Centre for Development of Imaging Technology, a Society, registered under the Travancore-Cochin Literary, Scientific and Charitable Societies Registration Act XII of 1955, having its registered Office at Chitranjali Hills, Thiruvallom, Trivandrum 695 027 (hereinafter referred to as "C-DIT" which expression shall include its administrators, successors, executors and assigns) of the one part and a company/firm incorporated under the.. having its registered Office at (hereinafter referred to as the "Contractor" or "X" (brief name of contracting Co.) (which expression shall include its administrators, successors, executors and permitted assigns) of the other part.

WHEREAS C-DIT has invited bids for (briefly describe scope of the (work) as per its specification Ref. No.

AND WHEREAS..... "X" had participated in the above referred bidding vide their proposal No. dated and C-DIT accepted their aforesaid proposal and awarded the dated and C-DIT accepted their aforesaid proposal and awarded the contract to. "X" on terms and conditions contained in its letter of Indent/Purchase Order No. dated And the documents referred to therein, which have been accepted by "X" resulting into a "Contract"

NOW THEREFORE THIS DEED WITNESSETH AS UNDER :-

Article 1.0 AWARD OF CONTRACT

C-DIT has awarded the contract to "X" for the work of on the terms and conditions contained in its letter of Indent/Purchase Order No. dated and the documents referred to therein. The award has taken effect from.i.e. the date of issue of the aforesaid Letter. The terms & expressions used in this Agreement shall have the same meaning as are assigned to them in the "Contract Documents" referred to in the succeeding Article.

Article 2.0 CONTRACT DOCUMENTS

The Contract shall be performed strictly as per the terms and conditions stipulated herein and in the following documents attached herewith (hereinafter referred to as "Contract Documents").

Article 3.0 CONDITIONS & CONVENANTS

The scope of Contract, Consideration, Terms of payment, price Adjustment, Taxes wherever applicable, Insurance, liquidated Damages, performance, Guarantee and all other terms and conditions are contained in C-DIT's Purchase Order No. dated read in conjunction with other aforesaid Contract documents. The Contract shall be only performed by the Contractor strictly and faithfully in accordance with the terms of the Agreement.

The scope of work shall also include supply and installation of all such items which are not specifically mentioned in the contract Documents, but which are needed for successful, efficient, safe & reliable operation of the equipment unless otherwise specifically excluded in the specifications under ""exclusions" or Purchase Order.

TIME SCHEDULE: Time is the essence of the contract and schedules shall be strictly adhered to. "X" shall perform the work in accordance with the agreed schedule as given in letter of Indent/Purchase Order.

The Contractor guarantees that the equipment package under the contract shall meet the ratings and performance parameters, as stipulated in the Technical Specifications (Volume II) and in the event of any deficiencies found in the requisite performance figures, the C-DIT may at its option reject the equipment package or alternatively accept it on the terms and conditions and subject to levy of the liquidated damages in terms of Contract Documents. The amount of liquidated damages so leviable shall be in accordance with the Contract Documents and without any limitation.

It is further agreed by the Contractor that the Contract performance Guarantee shall in no way be construed to limit or restrict the C-DIT's right to recover the damages/compensation due to short-fall in the equipment performance figures as stated in Para 3.4 above or under any other clause of the Agreement. The amount of damages/Compensation shall be recoverable either by way of deduction from the contract price, contract performance guarantee and/or otherwise.

The Contract performance Guarantee furnished by the Contractor is irrevocable and un-conditional and the C-DIT shall have the powers to invoke it notwithstanding any dispute or difference between the C-DIT and the contractor pending before any court, tribunal, arbitrator or any other authority.

This Agreement constitutes full and complete understanding between the parties and terms of the presents. It shall supersede all prior correspondence to the extent of inconsistency of repugnancy to the terms and conditions contained in the Agreement. Any modification of the Agreement shall be effected only by a written instrument signed by the authorized representatives of both the parties.

Article 4.0 SETTLEMENTS OF DISPUTES

It is specifically agreed by and between the parties that all the differences or disputes arising out of the Agreement or touching the subject matter of the Agreement shall be decided by process of settlement & Arbitration as specified in clauses and provisions of the Arbitration and Conciliation Act 1996 and Kerala Courts alone shall have exclusive jurisdiction over the same.

NOTICE OF DEFAULT

Notice of default given by either party to the other party under the Agreement shall be in writing and shall be deemed to have been duly and properly served upon the parties here to if delivered through official email or by registered post with acknowledgement due addressed to the signatories

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IN WITNESS WHEREOF, the parties through their duly authorized representatives have executed these presents (execution where of has been approved by the competent authorities of both the parties) on the day, month and year first above mentioned at Trivandrum.

WITNESS

C-DIT

1.

(Signature)

(Name)

2.

(Designation)

(Seal)

1.

(Contractors signature)

(Designation)

(Seal)

2.