

SANSAD TELEVISION
3rd & 4th Floor, Talkatora Stadium Annexe Building
New Delhi – 110001

.....

Dated the 28th July, 2021

No. SANSAD/EQPT & TECH/6(XIX)/2021

Notice Inviting Tender for procurement of 35 mm Sensor professional quality full frame Camera with Accessories for Sansad Television

Sealed Tenders are invited under two bid system viz. **Technical Bid** and **Financial Bid** from manufacturers/ authorized distributors / dealers, hereinafter referred to as agency, for supply of **35 mm Sensor professional quality full frame Camera with Accessories for Sansad Television** as per **Bill of Material given in Annexure I and Technical Specification in Annexure-II.**

2. ELIGIBILITY CONDITIONS

- (a) The Agency should have **Permanent Account Number (PAN)** under the Income Tax Act, 1961. A copy of the PAN card should be enclosed with the technical bid.
- (b) The Agency should have an annual turnover of Rs.1 (one) crore or above during each of the financial years 2018-19, 2019-20 and 2020-21. **Attested copies of Income Tax Returns and Balance Sheets for these financial years should be enclosed with the technical bid.**
- (c) The agency should have successfully supplied similar items to at least one TV Channel/Production House/Organization during the last two financial years. Documentary proof in this regard along with completion certificate may be given with the technical bid.
- (d) If the Agency is a consortium, a copy of MOU between the partners should be submitted with the technical bid.
- (e) The Agency should have a Letter of Authorization from Original Equipment Manufacturer (OEM) to quote against the tender and for providing after- sales support. A copy of the Letter of Authorisation should be enclosed with technical bid.
- (f) The Agency should not have been blacklisted by any government organization/PSU in the past. **A certificate to this effect should be enclosed with the technical bid.**

3. The agency should keep the following points in view while submitting its bid:

- 3.1. Items supplied should be of standard make and model. The model of the equipment should not be nearing obsolescence.
- 3.2. The OEM shall provide comprehensive after-sales services in India such as repairs, maintenance, supply of spare parts etc. and should be able to provide such services at short notice, irrespective of the presence of its after-sales service centres in India, at least for a period of five years. OEM shall be required to furnish a certificate to this effect.

- 3.3. Software applications/firmware supplied should be of the latest version. Upgrades to the same shall be provided during the warranty period without any financial implications.
- 3.4. Agency shall quote only for the intended product and shall not quote for an alternate product.
- 3.5. The Agency shall impart hands-on training to the professionals of Sansad Television.

4. **GENERAL CONDITIONS**

- 4.1 **The successful bidder will ensure that the items mentioned in Annexure-I and specification given in Annexure-II mentioned in Technical Bid of this tender document are supplied, tested on-site within 30 days from the date of issue of the purchase order to the full satisfaction of Sansad Television.**
- 4.2 The equipment should be securely packed to withstand transportation and delivered in perfect condition.
- 4.3 The equipment shall be under warranty for a period of 12 months from the date of commissioning of the equipment or standard warranty/ guarantees provided by the OEM, whichever is for more periods.
- 4.4 The agency shall quote separately for an extended warranty for three years after expiry of the initial warranty period as mentioned in **Financial Bid (Part-III- Annexure-IV)**.
- 4.5. The Agency will supply two printed copies of the Technical Manual/Operating Manual with each equipment. One set of test certificate of each equipment will be required to be enclosed with the shipment.
- 4.6 Only reputed industry-tested equipment and solutions with reliability will be accepted.
- 4.7 All the equipment should meet regulatory compliance, safety requirements and environmental clearances.

5. **SUBMISSION OF BIDS**

- 5.1 The Agency should submit its bid in two parts, in separate covers, one containing the **Technical Bid** and the other the **Financial Bid**, superscripted accordingly. The sealed Technical and Financial bids should be placed inside a large sealed cover superscripting **“Tender for procurement of 35 mm Sensor professional quality full frame Camera with Accessories for Sansad Television.”** The tender should be addressed to Director (Sansad TV), **Sansad Television, 3rd floor, Talkatora Stadium Annexe Building, New Delhi-110001** and may be dropped in the drop box by **5:00 p.m. on or before 18th August, 2021** or may be sent by **courier/registered/speed post so as to reach Sansad Television by 5:00 p.m, 18th August, 2021** .
- 5.2 The EMD is exempted under existing rules of Govt. of India
- 5.3 **Financial Bid** should be given in the proforma attached as **Annexure-IV**. Rate quoted should include delivery of equipment on site.

- 5.4 There should not be over-writing or correction or cutting in the bids and each page of the Technical bid as well as Financial bid should be signed by an authorized representative of the Agency.
- 5.5 Firm rates/charges should be quoted in Indian Rupees both in figures and words and should be valid for **180 days** from the date of opening of the bids. Rates and charges should be including of incidental charges, if any. However, rates of GST/taxes may be mentioned separately.

6. **PRE-BID MEETING**

A pre-bid meeting will be held at **2nd August, 2021 at 4.00 P.M** in the office of Sansad TV, Talkatora Stadium Annexe Building, New Delhi-110001 where the intending bidders may seek any clarifications and visit Sansad Television office to have first-hand information about the requirements of Sansad Television. The intending bidders are requested to make it convenient to attend the pre-bid meeting so that there may not be any communication gap and they are aware of the requirements of Sansad Television.

7. **OPENING OF BIDS**

Technical Bids will be opened **at 4.00 p.m. on 20th August, 2021** at Sansad Television office, Talkatora Stadium Annexure Building, New Delhi 110001 in the presence of the bidders or representatives thereof, if any. Financial Bids of only such bidders will be opened who are found eligible in Technical Bid. Time and date of opening of the Financial Bids will be informed to the Agencies which are found eligible in the Technical Bid.

8. **TERMS OF PAYMENT**

- 8.1 Payment of the total order value will be released after satisfactory completion of supply, testing of the 35 mm Sensor professional quality full frame Camera and accessories by Technical Section of Sansad Television.

9. **REJECTION OF BIDS**

Canvassing by the bidders in any form, unsolicited letters and post tender correction may invoke disciplinary action and tenders will be rejected. Sansad Television reserves the right to reject any or all of the bids without assigning any reason therefor.

10. **PENALTY CLAUSE**

Time is the essence of the project and the agency should stick to the prescribed time schedule. In case of late delivery, testing of the equipment the agency shall be liable to pay penalty @ 0.5% of the order value per week of delay or part thereof, up to a maximum amount of 5% of order value, after which the order is liable to be cancelled.

11. **INDEMNITY**

The successful bidder shall at all times indemnify Sansad Television towards any loss/damage caused or any claim raised against Sansad Television by any party/third party consequent to this contract. The successful bidder shall be liable, in accordance with the Indian Laws and Regulations for any accident or damage incurred or claims raised against Sansad Television during the period of delivery, testing of the equipment. The successful bidder shall also provide all insurance, including third-party insurance as may be necessary to cover the risk. No extra payment would be made to the successful bidder on this account.

12. **ARBITRATION**

All the disputes and differences arising out or in any way touching or concerning the bid shall be referred to the sole arbitrator appointed by the Sansad Television. The award of such arbitration shall be final and binding on the parties. The arbitration proceedings shall be held at New Delhi.

13. **JURISDICTION**

The Courts at New Delhi will have the sole and exclusive territorial jurisdiction over any dispute or difference in connection with this tender.

Director (Sansad TV)

Bill of Material

Part-I

(1) Sl. No.	(2) Items Description	(3) Quantity	(4) Remarks	(5) Whether the items specified in column 2 (Sl. No. 1 to 4) will be supplied to SansadTV. Write Yes or No, as the case may be.
1	35mm Sensor Professional Quality Full frame Camera			
1.1	Camera Head	10		
1.2	Base Plate	10		
1.3	Camera Soft Carrying Case	10		
1.4	Camera Rain Cover	03		
1.5	HD Camera Zoom Lens (Normal)	10	Canon/Fujinon / Sony	
1.6	HD Camera Lens (Tele Zoom) with Hard case	02	Canon/Fujinon / Sony	
1.7	HD Camera Lens (Wide Zoom) with Hard case	01	Canon/Fujinon / Sony	
1.8	LCD/LED Viewfinder	10		
1.9	Viewfinder(Eyepiece)	10		
2	Monopod with Standing Base and soft carry case	03		
3	Professional Camera Light	10	Sony/ Light Panel/ Genaray /Aputure/ Manfrotto	
4	Battery (LED Light)	20		

Part-II

(1) Sl. No.	(2) Items Description	(3) Quantity	(4) Remarks	(5) Whether the items specified in column 2 (Sl. No.1 to 6) will be supplied to SansadTV. Write Yes or No, as the case may be.
1	Card Player and Recorder with compatible adapter for Media.	05		
2	Memory Cards 64GB compatible with proposed camera	40		
3	Memory Card Reader compatible with proposed Memory card	10		
4	Camera Battery for 35 mm Sensor Professional Quality Camera	20		
5	Dual Battery Charger for 35 mm Sensor Professional Quality ENG Camera	10		
6	Power Adaptor for 35 mm Sensor Professional Quality Camera	03		

A. Technical Specifications for items in Part-I of Annexure-I

Compatibility with Existing System

1) Any Recorded file should be transferrable/ compatible with our following system of Imagine having station format of XDCAM@50Mbps 4:2:2

- a) 3 numbers of Imagine Server (Nexio Amp Server HDX/HDI)
- b) 2 numbers of Velocity XNG
- c) 16 numbers of FCP 7/ FCP 10

2) The prime usage of ENG cameras is field news coverage. The camera should have easy handling through Servo Lens Grip and external switches for audio control and other necessary functions. All the required accessories must be provided to make it functional in field.

(1) 35mm Sensor Professional Quality Full frame Camera

TV Standard: -	1080/50i, 1080/59.94i, 1080/25p
Filters:	ND Filter variable
Effective Picture Element:	4096(H) x 2160(V)
Lens Mount:	EF Mount/ E Mount
Gain Selection	-3 To 20 dB
Signal to Noise Ratio (Video):	52 dB or more
Imaging Device:	35mm full frame MOS/CMOS/CCD sensor
Shutter Speed:	1/24 Sec. (or less) to 1/ 8000 Sec. (or more)
Memory Cards Slot:	2 or more
Recording Media	At Least SD Card UHS Class 3
Recording Format	50 Mbps or Higher 4:2:2, 10 Bit

Audio:

Audio Input:	Internal Mic : Omnidirectional External: 2 channel 24bit 48 kHz XLR-type 3-pin (female) x 2, Line / Mic / Mic +48V
--------------	--

Audio Out:

Ear Phones	Stereo Mini Jack (3.5")
Speaker	Monaural

Video output:

SDI Out:	BNC X 1 75ohms (HD-SDI) 4:2:2 10 Bit, 1920X1080 50i, 1920 X 1080 59.94p
HDMI Out	Type A terminal 4:2:2 10 Bit, 1920X1080 50i, 1920 X 1080 59.94p

General Specifications:

Power Supply:	Up to DC12v (AC Adapter)
Power Consumption:	Not more than 20W
Operating Temperature:	0 ° C to 40°C

Lenses:

(1.5) Standard (Zoom) lens:	At Least 28mm Focal Length Wide to at least 135mm Focal Length Tele with Servo control and auto focus through Camera.
(1.6) Tele Zoom lens:	Focal Length Range (70-200) mm with auto focus
(1.7) Wide angle Zoom lens:	Focal Length Range (16-35) mm with auto focus

(1.8) LED/LCD View finder

Screen type LED/ LCD

Screen Size At least 3.5” and compatible with proposed camera

Control Brightness, Contrast, Peaking, zebra

(1.9)View finder (Eyepiece)

Screen Size At least 0.5” and compatible with proposed camera

Control Brightness, Contrast, Peaking, zebra

(2) Monopod with Standing Base and soft carry case

Head	Fluid Head with Pan Arm
Height	At least 70 inches
Section	At least 3 Leg Sections
Leg locks type	Flip lock
Pay load	4 Kg or more
Weight	Less than 3.5Kg
Carry Bag	Padded soft carry bag
Material	Carbon Fiber/Aluminium

(3) Professional Camera Light

Illumination:	At least 1500Lx (1 Metre Distance)
Colour Temperature:	3200K to 5600K
Weight	Light Weighted
Battery Type	Detachable and Rechargeable
Power consumption:	Not more than 18 W
Colour Rendering Index (CRI)	90 or more

(4) Battery (LED Light)

Battery Type	Lithium ion
Capacity	Range (55 to 65) Wh
AC Power Adaptor/Charger:	Compatible dual battery charger
Input Voltage	Range (100-240V) 50/60 Hz
Output Voltage	Range (10-20V) DC

B. Technical Specifications for items in Part-II of Annexure-I

(1) Card Player and Recorder with compatible adapter for Media

Slots	2 Nos
Input	BNC 75 Ohms, 4:2:2 HD/SD-SDI
Output	BNC 75 Ohms, 4:2:2 HD/SD-SDI., HDMI (1)
Display	At least 3 inches
Power requirement	DC 12 V
Power consumption	Max 80W
Minimum Operating Temp	5 degree or less
Maximum operating temp	40 degree or above
Video recording signals	1080/50i, 576/50i
Video compression method	MPEG-4/H.264
Resolution	1080/50i, 576/50i
Audio sampling frequency	48 KHZ

(2) SD Memory Card (64 GB)

Read/Write Speed	SDXC/SDHC UHS-II memory card with Minimum speed 30MB/s or above that is supported by the given camera.
Operating Temperature	0 -80 Degree Centigrade
Water Tolerance	Memory Card must be water proof
Field Effect Tolerance	Memory card must be immune Magnetic Field and X-Ray

(3) Memory Card Reader compatible with proposed SD Memory card

Interface	USB 3.0
Operating Temperature	+5 Degree C to +40 Degree C
Compatibility	SDXC/SDHC UHS-II memory card, SDXC/SDHC UHS-I memory card, SDXC/SDHC /SD memory card and any other card that is supported by the given camera.

(4) Camera Battery for 35 mm Sensor Professional Quality ENG Camera

Battery Power 7V to 15 V

Battery Power consumption 11W to 20W

(5) Dual Battery Charger for 35 mm Sensor Professional Quality ENG Camera

Input voltage 110v to 220v

Output voltage 11v to 20V

(6) Power Adaptor for 35 mm Sensor Professional Quality Camera

Power Adaptor Compatible

	ANNEXURE-III
	TECHNICAL BID DOCUMENT
	Tender Notice for procurement of 35 mm Sensor Professional quality full frame Camera with for Sansad Television
Sl. No.	Description
1.	Name of the Tender Firm/Agency/Company :
2.	Postal Address of the Tenderer Firm/Agency/Company:
3.	Details of the contact person of the Tendering Firm/Agency/Company: (a) Name of the Authorized Person: (b) Tele. No. with STD (O) (FAX) : (c) Mobile No : (d) E-mail : (e) Website :
4.	Name of Proprietor/Partners/Directors of the firm/agency:
5.	Registration and incorporation particulars of firm : (Please attach copies of the relevant documents/certificates)
6.	GST registration details : (Please attach copies of the relevant documents/certificates)
7.	Permanent Account Number from Income Tax Department (PAN/Income Tax Circle/TIN) : (Please attach copies of the relevant documents/certificates)

FINANCIAL BID DOCUMENT

Name of the Tendering Agency:

Supply of 35 mm Sensor Professional quality full frame Cameras with Accessories
for Sansad Television

Part-I					
(1) SL No	(2) Item Description	(3) Remarks	(4) Rate in Rs. (Per unit) (excluding taxes)	(5) Qty	(6) Total Amount in Rs. (Col. 4) x (Col. 5)
1	35mm Sensor Professional Quality Full frame Camera				
1.1	Camera Head			10	
1.2	Base Plate			10	
1.3	Camera Soft Carrying Case			10	
1.4	Camera Rain Cover			03	
1.5	HD Camera Zoom Lens (Normal)	Canon/ Fujinon /Sony		10	
1.6	HD Camera Lens (Tele Zoom) with Hard case	Canon/ Fujinon /Sony		02	
1.7	HD Camera Lens (Wide Zoom) with Hard case	Canon/ Fujinon / Sony		01	
1.8	LCD/LED Viewfinder			10	
1.9	Viewfinder(Eyepiece)			10	
2	Monopod with Standing Base and soft carry case			03	
3	Professional Camera Light	Sony/ Light Panel/ Genaray/Aputure/ Manfroto		10	
4	Battery (LED Light)			20	
			Total cost of Part-I		

(1) SL No	(2) Item Description	(3) Remarks	(4) Rate in Rs. (Per unit) (excluding taxes)	(5) Qty	(6) Total Amount in Rs. (Col. 4) x (Col. 5)
1	Card Player and Recorder with compatible adapter for Media.			05	
2	Memory Cards 64GB compatible with proposed camera			40	
3	Memory Card Reader compatible with proposed Memory card			10	
4	Camera Battery for 35 mm Sensor Professional Quality Camera			20	
5	Dual Battery Charger for 35 mm Sensor Professional Quality ENG Camera			10	
6	Power Adaptor for 35 mm Sensor Professional Quality Camera			03	
			Total Cost of Part-II		
Part-III					
Sl No.	Item Description	period	Total cost of 3 years extended warranty		
1.	Cost of extended warranty after the expiry of the standard warranty period	3 years			

It is undertaken that:

- i) **The above rates are excluding applicable taxes.**
- ii) **The above quoted rates shall remain valid for 180 days from the date of opening of the financial bid.**

Dated the 28th July, 2021

**Name & Address of the firm
Authorized Signatory & Seal of the Firm**