

**SANSAD TELEVISION**  
**3<sup>rd</sup> FLOOR TALKATORA STADIUM ANNEXE BUILDING**  
**NEW DELHI-110001**

No. SANSAD/Eqpt/ 06 (iv) /2021

06 July 2021

**TENDER NOTICE FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING**  
**OF FIBER TRANS AND RECEIVE CODEC CARDS FOR OFC OF**  
**SANSAD TELEVISION, NEW DELHI**

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, installation, testing and commissioning of Fibre Trans and Receive Codec Cards for Optical Fiber Connectivity (OFC) of Sansad Television as per Bill of Material given in Annexure I. The equipment will be installed at Bungalow No. 21& 23 Mahadev Road, Parliament Library Building, Parliament House and Sansad TV office at 12A Gurudwara Rakab Gunj Road.

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 annual turnover of Rs. 1 (one) crore or above during each of the financial years 2017-18 and 2018-19 and 2019-20. **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 in the past. 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 Authorizations 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 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.

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- 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 service at short notice. Irrespective of the presence of it's after sales service centers 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, if any, 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 intended product and shall not quote for alternate product.
- 3.5 The Agency shall impart hands on training to the professionals of Sansad TV.

#### 4. **GENERAL CONDITIONS**

- 4.1 The successful bidder will ensure that the items mentioned in **Annexure I and specification given in Technical Bid (Annexure-II)** of this tender document are supplied, installed, tested and commissioned on site within 30 days from the date of issue of purchase order to the full satisfaction of Sansad TV.
- 4.2 The equipment should be securely packed to withstand transportation and delivered in perfect condition.
- 4.3 The equipment shall be under warranty from the date of commissioning of the equipment or standard warranty/ guarantees provided by the OEM, whichever is for more periods.
- 4.4. Agency shall quote separately for extended warranty of three years after expiry of initial warranty period in Financial Bid (**Annexure III**).
- 4.4 The Agency will supply two printed copies of Technical Manual / Operating Manual with each equipment. One set of test certificate of each equipment will be required to be enclosed with shipment.
- 4.5 Only reputed industry tested equipment and solutions with reliability will be accepted.
- 4.6 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** super scribed accordingly. The sealed Technical and Financial bids should be placed inside a large sealed cover super scribing **“Tender for Supply, Installation, Testing and Commissioning of Fiber Trans and Receive Codec Cards for Optical Fiber Connectivity (OFC) of Sansad Television.** The tender should be addressed to **Director (Sansad TV), 3<sup>rd</sup> Floor, Talkatora Stadium Annexe Building, New Delhi-110001** and may be dropped in the drop box by **5:00 p.m. on or before 27 July 2021** or may be sent by courier/registered/speed post so as to reach RSTV by **5:00 p.m. on 27 July 2021.**

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- 5.2 The **Technical Bid** should be given in the proforma attached as **Annexure II** and should be accompanied by earnest money deposit of Rs. 1 (one) lakh in the form of a demand draft drawn in favour of **Drawing & Disbursing Officer, Rajya Sabha Television** payable at **New Delhi** on which no interest will be paid. Earnest money of an Agency will be forfeited if it refuses to take up the job or fails to execute the order within the specified period or if the information given by it is found to be false; or if it withdraws the bid during the validity period of the bid. Earnest money of the unsuccessful bidders will be returned after completion of the tender process. Earnest money of the successful bidder will be returned after satisfactory completion of supply, installation, testing and commissioning of Fiber Trans and Receive Codec Cards for Optical Fiber Connectivity (OFC) of Sansad Television.
- 5.3 **Financial Bid** should be given in the proforma attached as **Annexure-III**. Rates 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 inclusive of GST and any other incidental charges.

6. **PRE-BID MEETING**

A pre-bid meeting will be held at **4 p.m. on 13 July 2021** in the office of Sansad TV, Talkatora Stadium Annexe Building, New Delhi-110001 where the intending bidders may seek any clarifications and visit Sansad TV office to have first-hand information about the requirements of Sansad TV. 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 TV.

7. **OPENING OF BIDS**

Technical Bids will be opened at **4 p.m. on 28 July 2021** at Sansad TV office, Talkatora Stadium Annexe 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 90% payment of the total order value will be released after satisfactory completion of supply, installation, testing and commissioning of Fibre Trans and Receive Codec Cards for Optical Fiber Connectivity (OFC) of Sansad Television.

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- 8.2 Sansad TV will withhold 10% of the total value of the contract as performance security which will be released after a period of one year from the date of satisfactory commissioning of equipment.

9. **REJECTION OF BIDS**

Canvassing by the bidders in any form, unsolicited letters and post tender correction may invoke summary rejection with forfeiture of EMD. Conditional 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, installation, testing or commissioning of the equipment the agency shall be liable to pay penalty @ 0.5% of the order value per week of delay or part thereof, upto 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 TV towards any loss/damage caused or any claim raised against Sansad TV 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 TV during the period of delivery, installation, testing and commissioning 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 TV. The award of such arbitration shall be final and binding on both 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)**

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COMMISSIONING OF FIBER TRANS AND RECEIVE CODEC CARDS FOR OFC OF  
SANSAD TELEVISION, NEW DELHI**

**Bill of Material**

Sl. No.	Item Description	Quantity
1	3G-SDI optical to electrical converter with required cable and accessories	6
2	3G-SDI electrical to optical converter with required cable and accessories	6
3	Frame Enclosure for cards with required cable and accessories	2
4	Frame Access Card with required cable and accessories	1

**Annexure II**

**TENDER NOTICE FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF  
FIBER TRANS AND RECEIVE CODEC CARDS FOR OFC OF  
SANSAD TELEVISION, NEW DELHI**

**TECHNICAL BID DOCUMENT**

<b>Sl No.</b>	<b>Description</b>
1	Name of the Tenderer 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) Tel. No. with STD (O) (Fax) :  (b) Mobile No:  (c) E-mail:  (e) Website:
4	Name of Proprietor/Partners/Directors of the firm/agency:
5	Registration and incorporation particulars of firm: (Pl. attach copies of the relevant documents/certificates)
6	GST registration details: (Pl. attach copies of the relevant documents/certificates)
7	Permanent Account Number from Income Tax Department (PAN/Income Tax Circle/TIN: (Pl. attach copies of the relevant documents/certificates)

8	<p>Annual Turnover of the agency : (please attach certified copies of Income Tax Returns , Profit and Loss A/c and Balance Sheets for the relevant period):</p> <table border="0" style="width: 100%;"> <tr> <td style="text-align: center;"><u>Financial Year</u></td> <td style="text-align: center;"><u>Turnover</u></td> </tr> <tr> <td>(a) 2017-18</td> <td>- Rs. _____</td> </tr> <tr> <td>(b) 2018-19</td> <td>- Rs. _____</td> </tr> <tr> <td>(c) 2019-20</td> <td>- Rs. _____</td> </tr> </table>					<u>Financial Year</u>	<u>Turnover</u>	(a) 2017-18	- Rs. _____	(b) 2018-19	- Rs. _____	(c) 2019-20	- Rs. _____							
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(b) 2018-19	- Rs. _____																			
(c) 2019-20	- Rs. _____																			
9	<p>Details of supply of the similar products to TV Channel/Production House/ Organization during last two financial years:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Sl. No.</th> <th style="width: 25%;">Name &amp; Address</th> <th style="width: 25%;">Period during which the equipment were supplied</th> <th style="width: 15%;">Value of equipment supplied in Rupees</th> <th style="width: 25%;">Remarks, if any</th> </tr> </thead> <tbody> <tr> <td>(a)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(b)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					Sl. No.	Name & Address	Period during which the equipment were supplied	Value of equipment supplied in Rupees	Remarks, if any	(a)					(b)				
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(a)																				
(b)																				
10	<p>Details of the Earnest Money Deposit:</p> <p>(a) Name of the Bank:</p> <p>(b) Demand Draft no:</p> <p>(c) Value of the Demand Draft:</p> <p>(d) Demand Draft drawn in favour of:</p>																			
11	<p>Technical specifications of the items required are given in column (2) of the following table. It may be specifically indicated in column (3) of the table whether the agency will undertake supply, installation, testing and commissioning of Fibre Trans and Receive Codec Cards for Optical Fiber Connectivity (OFC) of Sansad Television.</p>																			

(1) Sl. No.	(2) Technical Specifications	(3) Whether the item proposed to be supplied has specifications as given in column (2). Write Yes or No.
1.	<p><b><u>3G-SDI optical to electrical converter</u></b></p> <p><b>Specifications</b></p> <p>General Power                      5VDC 3.5W max</p> <p>Control and Monitoring              DIP configuration, SNMP and Web interface monitoring</p> <p>Temperature range                      0 to + 40°C</p> <p>Supported standards`                      SMPTE292M, SMPTE259M. SMPTE297M, SMPTE305.2M, SMPTE310M,SMPTE424M, DVB-ASI EN50083-9</p> <p>optical sensitivity                      -30dBm or better</p> <p>optical window                      1200 - 1620nm</p> <p><b>Input</b></p> <p>Number of inputs                      1 Optical Input</p> <p>Connector                      SC/UPC</p> <p><b>Output</b></p> <p>Number of outputs                      2 or more HD/SD-SDI</p> <p>Connector                      BNC 75 Ohm</p> <p>Return loss                      &gt;15dB@ 5-1485MHx &gt;10dB@ 1485-2970MHz</p> <p>Amplitude                      800mV +/-10%</p> <p>Polarity                      1 non-inverting, 1 inverting per converter</p>	



**Certificate**

**It is certified:**

- i) That I/ we have gone through and understood the requirements given in the Sansad TV Tender Notice no. SANSAD/Eqpt & Tech/6 (iv)/2021 dated 06 July 2021 and rates have been quoted accordingly.**
- ii) That the terms and conditions given in the tender notice are acceptable to me/us.**
- iii) That the information furnished by me /us is true and correct.**
- iv) That the agency has not been blacklisted by any Government organization/department.**

**Dated 06 July 2021**

**Name & Address of the firm**

**Signature of the Authorized Signatory & Seal of the Firm**

**Annexure III**

**TENDER NOTICE FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF  
FIBER TRANS AND RECEIVE CODEC CARDS FOR OFC OF  
SANSAD TELEVISION, NEW DELHI  
FINANCIAL BID DOCUMENT**

Name of the Tendering Agency:

(1) Sl. No.	(2) Item Description	(3) Rate in Rs. (per unit) (exclud ing GST)	(4) Qty	(5) Total amount in Rs. (Col. 3) x (Col. 4)
1.	<p><b><u>3G-SDI Optical to Electrical Converter with required cable and accessories</u></b></p> <p><b><u>Specifications</u></b></p> <p>General Power                      5VDC 3.5W max</p> <p>Control and Monitoring            DIP configuration, SNMP and Web interface monitoring</p> <p>Temperature Range                 0 to +40°C</p> <p>Supported Standards`               SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305.2M, SMPTE310M, SMPTE424M, DVB-ASIEN50083-9</p> <p>Optical Sensitivity                 -30dBm or better</p> <p>Optical Window                     1200 - 1620nm</p> <p><b><u>Input</u></b></p> <p>Number of Inputs                    1 Optical Input</p> <p>Connector                            SC/UPC</p> <p><b><u>Output</u></b></p> <p>Number of Outputs                  2 or more HD/SD-SDI</p> <p>Connector                            BNC 75 Ohm</p> <p>Return Loss                          &gt;15dB@ 5-1485MHx &gt;10dB@ 1485- 2970MHz</p> <p>Amplitude                            800mV +/-10%</p> <p>Polarity                                1 non-inverting, 1 invertingper converter</p>		06	

<p>2.</p>	<p><b><u>3G-SDI Electrical to Optical Converter with required cable and accessories</u></b></p> <p><b><u>Specifications</u></b></p> <p>General Power                      3.5W/5V</p> <p>User Interface                      Status LED, Status GPI, configuration DIP switches and Web interface monitoring</p> <p>Temperature Range                      0 to +40°C</p> <p>Supported Standards                      SMPTE 259M, SMPTE 292, SMPTE 424M, SMPTE 310M, SMPTE 297, EN50083-9</p> <p><b><u>Output</u></b></p> <p>Number of Outputs                      1 Optical Outputs</p> <p>Connector                              SC/UPC</p> <p><b><u>Input</u></b></p> <p>Number of Inputs                      1 SD/HD-SDI</p> <p>Signal Type                              3G-SDI, HD-SDI, SD-SDI,</p> <p>Connector                              BNC, 75 Ohm</p> <p><b><u>Electrical output</u></b></p> <p>Number of Outputs                      2 or more</p> <p>Polarity                                  1 non-inverting, 1 inverting</p> <p>Amplitude                              800mV +/-10%</p> <p>Connector                              BNC, 75 Ohm</p>	<p><b>06</b></p>	
<p>3.</p>	<p><b><u>Frame Enclosure For Cards with required cable and accessories</u></b></p> <p><b><u>Specifications</u></b></p> <p>Dimension                              Standard Rack Mounting not more than 3 RU</p> <p>Power Supply                              220v@50Hz</p> <p>Compatibility                              Must be compatible with all the quoted cards</p>	<p><b>02</b></p>	
<p>4.</p>	<p><b><u>Frame Access Card with required cable and accessories</u></b></p> <p><b><u>Specifications</u></b></p> <p>Number of Cards                      All the Cards in the Frame Enclosure</p> <p>Connectors                              RJ45( Ethernet)</p> <p>User interface                              Configuration DIP switches and Web interface monitoring and Configuration</p>	<p><b>01</b></p>	

5.	Cost of three years extended warranty after expiry of standard warranty period.		03 years	
<b>Grand Total</b>				

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 06 July 2021

Name & Address of the firm

**Signature of the Authorized Signatory & Seal of the Firm**