

**RAJYA SABHA SECRETARIAT
RAJYA SABHA TELEVISION
3rd FLOOR, TALKATORA STADIUM ANNEXE BUILDING
NEW DELHI -110001**

No: RSTV/Admn./19 (iii)/2018

Dated: 10 January, 2019

**TENDER NOTICE FOR HIRING OF
VEHICLE MOUNTED DSNG VANS FOR RSTV**

Sealed tenders are invited for hiring of two (02) Vehicle Mounted DSNG Vans for providing interactive hot switching and broadcast standard feeds containing Audio and Video data for operations of Rajya Sabha Television (RSTV) for a period of two years from firms, companies etc. hereinafter referred to as 'Agency' which fulfill the following criteria:

- (i) The Agency should have Permanent Account Number (PAN) under Income Tax Act, 1961. Copy of the PAN card should be enclosed with the technical bid.
- (ii) The Agency should have average annual turnover of Rs. 2 crore or above during the financial years 2016-17 and 2017-18. **Attested copies of Income Tax Returns, profit and loss account and Balance Sheets for these financial years should be enclosed with the technical bid.** A certificate issued by the Chartered Accountant/CA firm clearly showing turnover for these years may also be submitted with the technical bid.
- (iii) The Agency should have provided similar services to at least two Government/Private TV Channels of the cumulative value of Rs. **50 lakh** or above during the financial years 2016-17 and 2017-18. Names and addresses of such organizations along with copies of work orders/completion certificates should be provided with the technical bid.
- (iv) The Agency should not have been blacklisted by any government organization /PSU in the past. An undertaking to this effect should be submitted with the technical bid.

2. GENERAL CONDITIONS

- 2.1 The proposal should be comprehensive and should include provision of Driver with valid heavy vehicle driving license and a qualified Broadcast Engineer with minimum educational qualification of Diploma in Electronics & Telecommunication or equivalent who can look after operations and maintenance of DSNG equipment independently.
- 2.2 The Agency selected shall not sublet the work to any other Agency.
- 2.3 The agency shall provide the DSNG Vans within one month from the date of placement of work order.

- 2.4 Number of DSNG Vans may be increased or decreased at the discretion of RSTV during the term of the contract by giving one month's prior notice.
- 2.5 DSNG Vans may have to be deployed at any place across the country and may have to be moved by the Agency at a short notice at any time during the day or night, to the site as per the decision of Rajya Sabha Television.
- 2.6 Expenses for providing security to the DSNG Vans during local and outstation deployment will be borne by the Agency.
- 2.7 The Agency shall be responsible for maintenance of the DSNG Vans and shall ensure that these vans and equipment remain operational all the time. The DSNG Vans along with all equipment should be backed by prompt and immediate service support.
- 2.8 The installed load of the equipment including the load of the vehicle should be properly balanced so as to ensure smooth drive of the vehicle on steep slopes. It should not exceed the tonnage capacity recommended by the manufacturer of the vehicle.
- 2.9 The Agency shall be responsible for all regulatory clearances from concerned government departments.
- 2.10 No increase in charges will be accepted during the term of the contract except on account of statutory taxes, if any that may be levied and on account of increase in bandwidth charges by the Government, if any.
- 2.11 During the outstation deployment, the broadcast engineer deployed by the Agency with the van will be reimbursed single return train fair by AC 2 tier by RSTV on production of valid tickets. In case of exigencies, air fare by economy class may be reimbursed at the discretion of Chief Executive Officer of RSTV.

3. GENERAL TECHNICAL CONDITIONS

- 3.1 The setup of DSNG Vans should be able to facilitate live interactive hot switching and transfer of news feeds from field to be used for broadcast purposes on 24X7 hours basis.
- 3.2 All the equipment including Encoder, Modulator, Block Up-converter, 200 Watts SSPA/TWTA and ancillary equipment, Power Boards and inter-connecting cables should be of professional quality with high reliability.
- 3.3 Transmission equipment should be mounted on a vehicle, which has easy maneuverability and is of the 2016 or later make. The vehicle should have a national permit for smooth inter-state movement. Necessary documents in this regard should be furnished along with technical bid.
- 3.4 There should be a provision of uplink and downlink of audio/video contents from both DSNG vans simultaneously.
- 3.5 The corresponding uplinked signals will be required to be downlinked at the premises of Rajya Sabha Television.
- 3.6 Both DSNG Vans along with equipment should be operational in Ku-Band of the frequency.

- 3.7 The agency shall provide a total satellite space segment of 4 MHz in the Ku Band frequency for two DSNG Vans which shall also include the bandwidth for audio talkback system.
- 3.8 The offered frequency will be preferred to be of one continuous band. Both DSNG Vans should be self-sufficient in all respect for operational requirements of RSTV and be equipped with proper air-conditioning, power generator of sufficient capacity to be operational on full load and online UPS for a minimum of one hour back up.
- 3.9 The vehicle should have convenient working space and should be able to connect external sources such as Camera or line feeds. The input to the Encoder should be able to take SD-SDI with embedded audio, composite Video and Analog Audio (2 channels).
- 3.10 Both DSNG Vans should be equipped with professional quality XDCAM Player for feed play out.
- 3.11 Multi core cable (2 video and 2 audio) of 200 meter length and Fiber Cable of 400 Meters (with OFC convertors) should be provided in proper cable drum with each DSNG Van.
- 3.12 Both DSNG Vans along with all equipment should be backed by prompt and immediate service support. The Agency may also be required to furnish certificates of their performance in terms of service and support by their clients, which may be verified at the discretion of the Rajya Sabha Television.
- 3.13 In case of any un-serviceable fault encountered in the equipment during operations, the Agency shall replace it with working equipment or replace the complete van immediately without adversely affecting the services of RSTV.
- 3.14 In case of any unforeseen circumstances due to non-availability of the services of satellite during the period of hiring, the Agency will be required to make alternate arrangements without any delay or interruption to the services of RSTV.
- 3.15 An indicative list of equipment to be provided by the Agency along with DSNG Vans is given in **Annexure-1A**.
- 3.16 Fully motorized and auto tracking antenna should be of broadcast standard. The deployment time should not be more than 5 to 10 minutes.
- 3.17 RSTV shall have a right for physical verification of DSNG Vans provided by the Agency to its existing clients so that the quality of services provided by Agency may be ascertained.
- 3.18 Rajya Sabha Television authorities or their nominees shall have a right to inspect the DSNG setup of the Agency to evaluate its technical specifications.
- 3.19 DSNG setup mounted on the vans should be operative on Ku-Band frequency with optimum power to be received with a BER of 1E-7 using 12 ft or more PDA.

- 3.20 DSNG Vans should be able to receive signal using any professional IRD.
- 3.21 The Agency shall provide power cable of a minimum length of 100 meters for connecting city power supply, wherever available.
- 3.22 Professional quality monitors for monitoring of audio and video of down link as well as camera output and feeds play out should be incorporated in the setup.
- 3.23 The communication between Studio and all DSNG remote sites shall have to be established through satellite.
- 3.24 DSNG set-up should be mounted on a Toyota Innova or a similar vehicle having five speed gear box, power steering and double acting suspension.
- 3.25 The Agency will forward the predicted Sun Outage information to RSTV atleast one week in advance.
- 3.26 The Agency will provide Certificate from the concerned Ministry/ Department/Institution to the effect that each DSNG Van is using 2 MHz bandwidth.

4. SUBMISSION OF BIDS

- 4.1 The Agency should submit its bid in two parts, one containing the Technical Bid and other the Financial Bid. Technical Bid should be submitted in Annexure I and IA and Financial Bid in Annexure II. The Technical Bid and the Financial Bid should be placed in separate sealed covers super scribed accordingly. The sealed covers containing Technical and Financial bids should be placed inside a large cover sealed and super scribed as **“Tender for Hiring of Vehicle Mounted DSNG Vans for RSTV”**. The tender should be addressed to Joint Director, Rajya Sabha Television, 3rd Floor, Talkatora Stadium Annexe Building, New Delhi-110001 and may be dropped in the drop box at the above address latest by **5:00 p.m. on or before 31 January, 2019 or may be sent by courier/registered/speed post so as to reach RSTV latest by 5:00 p.m. on or before 31 January, 2019. Any bid received after the prescribed date will be rejected.**
- 4.2 **Technical Bid** should be given in proforma attached as **Annexure-I** along with **Annexure-IA** and should be accompanied by earnest money of Rs. five 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 Agency will be forfeited if it refuses to take up the job; 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 but earnest money of the successful bidder will be returned only after submission of Performance Bank Guarantee.
- 4.3 **Financial Bid** should be given in the proforma attached as **Annexure-II**

- 4.4 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 numbered and signed by an authorized representative of the Agency
- 4.5 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 excluding applicable taxes.
- 4.6 The Agency running its business in the form of partnership firm should provide, in addition to other documents, a copy of the partnership agreement or general power of attorney furnished on stamp paper and duly attested by a Notary Public to the effect that all the partners have executed partnership agreement. The attested copy of the certificate of registration of the firm should also be enclosed along with technical bid.
- 4.7 The recurring expenditure incurred during the movement and actual deployment of vehicles may be quoted in Part B of the Financial Bid (Annexure-II) as follows:
- | | | |
|-----|---|---|
| (a) | Local movement | Rupees per Km |
| (b) | Outstation movement | Rupees per Km |
| (c) | Operational Expenses for | Rupees per hour charges for DG Set, AC etc during deployment of DSNG Vans (based on fuel consumption of vehicle to keep the AC and DG Set on) |
| (d) | Overtime charges for staff deployed beyond normal shift | |
- 4.8 Any upward or downward revision in the fuel prices (Diesel and Petrol) by the Government shall be borne by RSTV on proportionate basis as per the following formula:

Fuel Charges per km/hour divided by base fuel price multiplied by future fuel price

5. PRE-BID MEETING

- 5.1 A pre-bid meeting will be held at **04:00 p.m. on 16 January, 2019** in the office of RSTV, 3rd Floor, Talkatora Stadium Annexe Building, New Delhi where the intending bidders may seek clarification, if any and visit the office to have first-hand information about the requirements of RSTV. 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 may understand the requirements of RSTV.

6. OPENING OF BIDS

- 6.1 Technical Bids will be opened at **4:00 p.m. on 01 February, 2019** at RSTV office, 3rd Floor, Talkatora Stadium Annexe Building, New Delhi 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.

6.2 Financial Bids may be opened on the same day or later. If Financial Bids are opened later, time and date of opening of the Financial Bids will be informed to the agencies which are found eligible in Technical Bid.

7. REJECTION OF BIDS

7.1 Canvassing by an agency in any form, unsolicited letters and post tender corrections may invoke summary rejection of its bid with forfeiture of EMD.

7.2 RSTV reserves the right to cancel/reject the tender without assigning any reasons thereof. RSTV also reserves the right to accept the tender in full or in part. However, the agency will not have any right to revise the quotes and conditions in the event the tender is accepted in part.

8. PERFORMANCE SECURITY

8.1 The Agency whose tender is accepted shall deposit performance bank guarantee of an amount equivalent to the 10% of the total value of contract awarded in the form of Demand Draft or Bank Guarantee from any Nationalized Bank in favour of Drawing and Disbursing Officer, Rajya Sabha Television within 15 days from the date of issue of work order by RSTV. No interest will be paid on the performance Security. Performance Security will be retained by RSTV for the entire period of contract and till the expiry of sixty days beyond the date of completion of all contractual obligations.

9. TERMS OF PAYMENT

9.1 Payment to the Agency will be made on monthly basis on receipt of pre-receipted bill(s). The Agency will submit monthly bills in triplicate at the end of the month. Payment in normal circumstances will be released within 21 days of submission of the bill. No advance payment will be made.

9.2 The Agency shall provide a certified copy (on quarterly basis) of the Challan clearly showing the fact that the Service Tax received from RSTV in connection with the contract has been deposited in the relevant government account by it.

10. PENALTY

10.1 If the Agency fails to cover any event, which it has been asked to cover, due to break down of vehicles or equipment or any other reason, a penalty of Rs. 15,000/- will be imposed on the Agency for each such default.

10.2 As per para 2.7, the Agency shall ensure that the vans and equipment remain operational all the time. Nevertheless there may be unavoidable circumstances in which a van/system becomes non-functional. In such cases the Agency shall ensure that the system becomes operational at the earliest and in any case within 24 hours. If the set-up remains non-functional for more than 24 hours, penalty at the rate of Rs. 25,000/- per day will be imposed on the Agency and no rent will be paid for the period during which it remains non-functional.

11. TERMINATION OF CONTRACT

- 11.1 Both the parties to the contract shall have the right to terminate the contract at any time without assigning any reason by giving a notice of 60 days. However, if the performance of the agency is not found satisfactory at any stage, the contract may be terminated by RSTV without any notice.

12. MAINTAINENCE OF PROFESSIONAL ETHICS AND SECRECY

- 12.1 RSTV and successful Agency, in the process of execution of the contract, will come close to internal working, internal functioning and vital inside details of each other. As such it shall be mandatory on both the parties to the contract to maintain professional ethics and absolute secrecy and not to share with/divulge to any person/party or any third party the inside details unless it is required by any prevailing law or under any legal process.

13. INDEMNITY

- 13.1 The successful agency shall at all times indemnify RSTV/Rajya Sabha Secretariat towards any loss/damage caused or any claim raised against RSTV/Rajya Sabha Secretariat by any party/third party consequent to the contract.
- 13.2 The Agency shall also indemnify RSTV/ Rajya Sabha Secretariat against all charges, claims, loss and damages caused to any person or property owing to negligence /improper or unauthorized use of the van or equipment by the driver/technicians of the agency

14. ARBITRATION

- 14.1 All the disputes and differences arising out or in any way touching or concerning this tender shall be referred to the sole arbitrator appointed by the Secretary-General, Rajya Sabha. There will be no objection that the person so appointed is or was in the employment of the Rajya Sabha Secretariat and as an employee of the Rajya Sabha Secretariat had during the course of his duties expressed views on all or any of the matter of difference or dispute. The award of such arbitration shall be final and binding on both the parties. The arbitration proceedings shall be held in Delhi.

15. JURISDICTION

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

**Joint Director
Rajya Sabha Television**

**TENDER FOR HIRING OF VEHICLE MOUNTED DSNG VANS
FOR RAJYA SABHA TELEVISION**

TECHNICAL BID

To be filled in by the Bidder (strictly in accordance with this proforma) with copies of relevant documents to support the statement/claim made

Sl. No.	Description
1.	Name of the agency:
2.	Postal Address of the Agency:
3.	Details of the contact person (a) Name: (b) Telephone No: (c) Mobile No : (d) Fax No : (e) E-mail ID:
4.	Details of license/ registration number (Attach photocopy of the document for proof)
5.	Details of Make/Model of the vehicles to be used (Registration No., Model, Manufacturer and permission)
6.	a) Constitution of the firm whether proprietor or partnership or corporate society or company b) Whether registered or not, in case registered, registration no. and date of registration or date of incorporation
7.	Income Tax Permanent Account Number (PAN) (Attach Proof)
8.	GST Number : (Attach Proof)

9. Details of the Organizations to which the Agency provided similar services

Sl. No.	Name & Address	Period during which the service was provided	Value of service provided	Remarks, if any
(a)		2016-2017		
(b)		2017-2018		

10. Turnover of the Agency (Attach the copies of Income Tax Returns and Balance Sheet)

Sl. No.	Year	Amount
(a)	2016-2017	
(b)	2017-2018	

11. Details of Earnest Money Deposit:

- (a) Name of the bank :
- (b) Demand Draft No :
- (c) Value of the Demand Draft :
- (d) Demand Draft drawn in favour of :

It is certified that:-

- (i) I/ we have gone through and understood the tender notice.
- (ii) My/our agency has not been blacklisted by any Government organization/ PSUs.
- (iii) The details furnished by me/ us are true and correct.
- (iv) My/our agency has valid license for providing DSNG Vans to television channels in India and valid permission to use relevant frequency to up link/down link of signals for the purpose.
- (iv) I/ we have not concealed any material fact.
- (v) I/ we have completed column (4) of Annexure IA and enclosed it as part of Technical bid

Signature of the authorized signatory

Indicative List of Equipment

Sl. No.	Description	Qty.	Whether the item proposed to be supplied will be as per specifications given in column (2) or of higher/advance/upgraded version. If yes, write Yes if no write No*
(1)	(2)	(3)	(4)
1.	1.2 Meter or more Ku Band motorized DSNG Antenna System complete with offset feed, Prime Focus Drive System, motorized elevation & azimuth adjustment, Polarization Adjustment, Rotation of Feed etc.	01	
2.	Antenna Controller Unit with fully automatic Satellite Acquisition, Peaking, and Cross-Polarization Adjustment using GPS, Compass, and Level Sensor Inputs with the provisions of entry of data of desired Satellites	01	
3.	Ku Band, 200 W or more Antenna Mountable Outdoor TWTA/HPA with controller, L band to Ku band block up converter complete with all accessories.	01	
4.	DVB-S/DVB-S2 Broadcast Quality Modulator with variable symbol rate from 1 to 48 Msps, QPSK/8PSK modulation with 1/2, 2/3, 3/4, 5/6, 7/8 FEC encodings, 70/140MHz IF OR L Band 950-2150 MHz output as required by up converter & monitor port.	01	
5.	DVB MPEG-4 AVC SD Encoder with SD-SDI Input with embedded audio, and Analog Composite video and analog audio. The encoder should be equipped with BISS encryption facility (Ericsson/Harmonics)	01	
6.	MPEG-4 Professional IRD with SD-SDI and analog A/V outputs (Ericsson/Harmonics)	01	
7.	LNB C/Ku Band PLL +/- 10 KHz Stability	01	
8.	Audio/Video monitor with SD-SDI and Analog inputs with built in speakers, audio level display and TFT video display.	01	
9.	XDCAM Player (S X S) for feed play out	01	
10.	SD-SDI Equalized Distribution Amplifiers compatible with input	01 Set	
11.	Multi core (2 video, 2 Audio) cable of 200 meter length compatible with SD-SDI Signal with drum and fiber cable (400 Meter) along with appropriate converters for SD-SDI signals with Drum	01	
12.	3 KVA online Rack mountable UPS with a minimum backup of 30 minutes.	01	
13.	3 KVA Silent Generator capable to take the load of installed equipment	01	
14.	Integrated installation material such as waveguide, cables, connectors, equipment racks, patch panels, wall boxes, power boards, cable drum, assorted cables etc.	01 Lot	

Sl. No.	Description	Qty.	Whether the item proposed to be supplied will be as per specifications given in column (2) or of higher/advance/upgraded version. If yes, write Yes if no write No
15.	Down linking set up at Rajya Sabha Television premises to down link the three DSNG signals inclusive of 12 or more feet dish, LNB, professional IRD, Dummy Load, spectrum analyzer and installation material etc.	01 Lot	
16.	Bandwidth for each DSNG System	2 Mhz	
17.	TVRO (Downlink facility on remote site)	01	
Satellite Audio Talkback System			
1	1.8m TX / RX antenna at RSTV premises	1	
2	Ku band BUC, Ku band LNB	1	
3	Audio Encoder cum Modulator compatible with Low Symbol Rate	1	
4	Audio IRD for RSTV Site and DSNG Van	3	
5	Audio Monitor	1	
6	Integration material, cables and other accessories	1 lot	
7	Satellite Bandwidth	Bandwidth for Satellite Audio Talkback System will be the part of a total satellite space segment of 4 MHz for two DSNG Vans	

- The above mentioned stores/equipment are indicative only and the firms may offer higher/advance/upgraded version of the stores.

Signature of the authorized signatory with seal

**TENDER FOR HIRING OF VEHICLE MOUNTED DSNG VANS
FOR RAJYA SABHA TELEVISION**

FINANCIAL BID

A. Service Charges

Sl. No.	Description	Rate per van per month (In Rupees)	Amount for 2 vans per month (in Rupees)
a.	Hiring charges for two DSNG Vans including manpower (one engineer and one driver per vehicle)		
b.	Downlink Set-up charges		
c.	Charges for 2 Mhz Bandwidth each for two vans		

B. Charges for Satellite Talkback Setup

Sl. No.	Description	Unit	Rate per month (In Rupees)
a.	Charges for talkback communication between RSTV premises and two DSNG Vans	One set for two DSNG Vans	

C. Recurring Expenses

Sl. No.	Description	Rate to be mentioned in Rupees	Amount
a.	Local Movement (Diesel Charges)	Rupees per K.M.	
b.	Outstation Movement (Diesel Charges)	Rupees per K.M.	
c.	Operational Expenses for DG Set, AC etc.	Per hour during deployment of DSNG vans (based on fuel consumption of vehicle to keep the AC and DG Set on)	
d.	Overtime charges for staff deployed beyond normal shift hours	Per hour	

It is certified:

- (i) That I/We have gone through and understood the contents of the RSTV Tender Notice no. RSTV/Admn/19 (iii) /2018 dated 10 January, 2019. Terms and conditions given in the tender notice are acceptable to me/us.
- (ii) That the rates quoted above do not include taxes. Taxes will be charged extra.

Dated :

Signature of the authorized signatory