

प्रसारभारती
(भारतका लोकसेवा प्रसारक)
INDIA'S PUBLIC SERVICE BROADCASTER
DOORDARSHAN KENDRA MUMBAI
(PANDURANG BUDHKAR MARG, WORLI, MUMBAI-400 030.)

(ENQUIRY FOR PRE-TENDER COST ESTIMATION)

No. PRE EPNIT 11 EI(ES)2(8)/DKM/2022-23/

Date: 17.02.2023

To:

Sub: " **Pre-Tender Cost Estimation** for Supply of Wireless Communication System as per specifications- Annexure 1 at Doordarshan Kendra Mumbai.

Sir,
Kindly find attached herewith an enquiry for the above subject.

INVITATION FOR QUOTATION

1	Tender No.	PRE EPNIT 11 EI ES 2 8 DKM 2022 23
2	Description and supply of stores/works	Pre-Tender Cost Estimation for Supply of Wireless Communication System as per specifications Annexure 1 at Doordarshan Kendra Mumbai.
3	Tender to be submitted offline to	Assistant Engineer, Engg. Stores Doordarshan Kendra Mumbai, Old Building, 1 st Floor Pandurang Budhakar Marg, Worli, Mumbai 400030
4	Bid Validity up to	60 days from the date mentioned in S.N. 11
5	Correspondence Address	As per S.N. 3
6	Last Date & time of submission of Tender	17-02-2023 at 1300 hrs
7	Opening Date of bid	10-03-2023 at 1600 hrs

Consignee : DDG(E), Doordarshan Kendra Mumbai.
Pandurang Budhkar Marg, Worli Mumbai 400030

- 1(a) The rates should be quoted exclusive of all taxes (which should be shown separately and free delivery in this office/site.)
(b) The purchaser will not pay separately for transit insurance and bidder will be responsible for safe delivery of the stores at the destination.
- 2 The sealed quotation should be addressed by Name to the Assistant Engineer (Engg. Stores) and should reach by on or before **10.03.2023 at 1300 Hrs.**
- 3 The cover carrying quotation must circumscribe with the following details.
- (A) Enquiry reference _____
(B) Date of opening _____
(C) Quotation for _____
(D) Contact No./Email ID/Complete address of the Firm. _____

Note 1. After receiving the cost estimation the procuring process shall be carried out according to the purchase Procedure adopted by Prasarbharati.

Note 2. Participants are requested to submit only Page no.2 duly filled and stamped alongwith cost Estimate for this Pre Tender Cost Estimation.

Note 3. Participants must attached Data Sheet including Make/Model and Specification of the product quoted.

Note 4. OEMs/ sole selling agents / authorized distributors / authorized dealers / authorized system integrators with valid GSTN can only participate in this Pre Tender Cost Estimation Bid. Bidder should be able to furnish sufficient past experience certificate of at least one similar Supply / Installation to Government /Private organization / Public Enterprises at the time during actual Tender Process.

GENERAL TERMS AND CONDITIONS

1. GST or any other chargeable duty must be specifically mentioned separately failing which no such tax or duty will be paid or allowed later on.**GST & PAN No.** etc. should be clearly mentioned in the quotation.
2. Quotations not satisfying the specifications are liable to cancellation.
3. Bidder has to produce all documents as and when required for verification.
4. No person directly or indirectly connected with Govt service,should submit the tender for above mentioned subject. If at a later date,it is noticed that any of the successful tenderer/tenderer(s) is/are directly or indirectly connected with the Govt Service,the contract between this office and such tenderer(s)shall be terminated without any further notice.
5. The Dy Director General(E),Doordarshan Kendra,Mumbai reserves the right to reject any or all the tenders without mentioning any reason whatsoever.
6. Payment shall be released only after satisfactory completion of supply/work and ensuring proper working of concerned equipment.

Annexure 1

SCOPE OF WORK

Supply of Wireless Communication System with 1no. of Transmitter and 5 nos. Receivers with allied accessories.

Technical Specifications

Wireless Communication System with 1 Transmitter and 5 receivers --1 set				
S. N	Specifications	Parameters	Compliance YES/NO	Deviation/Remarks
A	Stereo Transmitter		Model/Make-	
1	Frequency Ranges (RF Output Power)	476-500 MHz (30 mW)		
		572-596 MHz (30 mW)		
		662-686 MHz (30 mW)		
		823,2-831,8 MHz (30 mW)		
		925,2-937,3 MHz (10 mW)		
2	Switching bandwidth	up to 24 MHz		
3	Temperature Range	0 °C to +40 °C		
4	AF frequency response	45 Hz to 15 kHz		
5	Modulation	FM Stereo		
6	Signal-to-noise ratio (at nominal load and peak deviation)	≥88 dB		
7	Current consumption	Approx. 400mA (depending on volume level)		
8	Input rating	+12 V DC		
9	Input	2x XLR-3/4" (6.3 mm) jack combo socket, electronically balanced		
10	Antenna Output	BNC socket, 50 Ω		
B	Stereo Receiver		Model/Make-	
1	Frequency range	476-500 MHz		
		572-596 MHz		
		662-686 MHz		
		823,2-831,8 MHz		
		925,2-937,3 MHz		
2	Switching bandwidth	up to 24 MHz		
3	Temperature Range	0 °C to +40 °C		
4	AF frequency response	45 Hz to 15 kHz		
5	Modulation	Wideband FM		
6	Signal-to-noise ratio (1 mV, peak deviation)	≥88 dB		
7	AF output level at 3.5 mm	2 x 1,25 Veff at 16 Ω		
8	High Boost (EQ)	+10 dB at 13 kHz		
9	Total harmonic distortion (THD)	≤ 1 %		
10	Limiter	-10 dB		
11	Power supply	2 AA batteries, 1.5 V		
12	Operating time	Approx. 6 hrs		
C	Power supply		Model/Make-	
1	Input voltage range	100 to 240 V~200mA, 50/60 Hz		
2	Storage temperature	-20 °C ... +60 °C (4 °F ... +140 °F)		
3	Output voltage	+12 V DC		
4	Temperature Range	0 °C ... +40 °C (32 °F ... +104 °F)		
5	Current consumption	Max. 200 mA		
6	Secondary output current	500 mA		