

For Immediate Release

Telecom Regulatory Authority of India

TRAI releases Recommendations on “Valuation and Reserve Price of Spectrum in the 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands”

New Delhi, 27th January, 2016 – The Telecom Regulatory Authority of India (TRAI) has today issued its Recommendations on **“Valuation and Reserve Price of Spectrum in the 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands”**.

2. Department of Telecommunications (DoT) sought the Authority’s Recommendations on Reserve Price and associated conditions for auction of 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands. DoT also sought the Authority’s recommendations on the liberalization of administratively allotted spectrum in 900 MHz band.

3. In this context, TRAI had issued a consultation paper on “Valuation and Reserve Price of Spectrum in the 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz bands” on 26th November 2015 seeking the comments of the stakeholders. An Open House Discussion was conducted by TRAI on 4th January 2016 at New Delhi.

4. After considering the comments received from the stakeholders and further analysis, the Authority has come out with its recommendations on **“Valuation and Reserve Price of Spectrum in 700 MHz, 800 MHz, 900 MHz, 1800 MHz, 2100 MHz, 2300 MHz and 2500 MHz Bands”**. The salient features of the recommendations are given below:

- APT700 band plan should be adopted for the 700 MHz (698-806 MHz) spectrum band with Frequency Division Duplex (FDD) based frequency arrangement. Entire available spectrum (2x35MHz) in the 700 MHz band should be put to auction in the upcoming auction.
- DoT should carry out carrier re-assignment exercise in the 800 MHz band at the earliest and ensure that entire spectrum that is available with DoT for commercial use should be put to auction.
- The DoT, in coordination with Defence and the TSPs, should complete harmonization process in the 1800 MHz band before upcoming auctions so that the entire spectrum that is made available due to this exercise is put to auction.
- Rollout obligations for 700 MHz band: All towns/villages having population of 15,000 or more but less than 50,000 to be covered within 5 years and all villages having population of 10,000 or more but less than 15,000 to be covered within 7 years.



- Audit for all allocated spectrum both commercial as well as spectrum allocated to various PSUs/Government organizations. This should be done by an independent agency.
- Recommended reserve price for various spectrum bands is as per table given below:

RECOMMENDED RESERVE PRICE (In Rs. Crore)							
LSA	700	800	900	1800	2100	2300	2500
	MHz	MHz	MHz	MHz	MHz	MHz	MHz
	Per MHz (Paired)					Per MHz (Unpaired)	
Delhi	1595	848		399	554	143	143
Mumbai	1192	727		298	461	146	146
Kolkata	596	160		149	116	33	33
AP	971	606		243	272	68	68
Gujarat	952	285	673	238	258	39	39
Karnataka	740	303	558	185	328	98	98
Maharashtra	1272	799		318	341	58	58
Tamil Nadu	900	360		225	344	132	132
Haryana	186	57	151	47	55	8	8
Kerala	334	243		83	177	16	16
MP	331	408		83	123	8	8
Punjab	308	119		77	91	21	21
Rajasthan	364	204		91	140	6	6
UP (East)	459	219	776	115	110	9	9
UP (W)	384	182	739	96	111	12	12
West Bengal	183	82		46	52	5	5
Assam	158			40	46	2	2
Bihar	248	136	444	62	86	6	6
Himachal Pradesh	64	24		16	20	1	1
Jammu & Kashmir	52			13	11	1	1
North East	44			11	12	1	1
Orissa	152	57		38	38	4	4

The recommendations have been placed on TRAI's website www.trai.gov.in.

5. For any clarification/information Shri Sanjeev Banzal, Advisor (Network, Spectrum and Licensing), TRAI may be contacted at Tel. No.+91-11-23210481 Fax No. +91-11-23232677 or email advmn@trai.gov.in or alternatively at trai.jams@gmail.com.


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