

3G Spectrum to Private Players

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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether Government has invited tender to allocate 3G spectrum to private players recently;
- (b) if so, the details of companies which participated in tender;
- (c) the details of revenue expected to be generated by this allocation;
- (d) the rate at which 2G spectrum was allocated to various companies, company-wise, and
- (e) the revenue generated by allocation of 2G spectrum?

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI GURUDAS KAMAT): (a) Government has issued the Notice Inviting Applications (NIA) for auction of 3G spectrum on 25/2/2010 which contains details of 3G spectrum proposed for auction, time line of auction, reserve price, eligibility criteria etc.

As per the NIA, the eligibility criteria for a company to participate in the 3G auction are:

Any entity: (i) that holds a UAS/ Cellular Mobile Telephone Service ("CMTS") licence, or (ii) that: (a) has previous experience of running 3G telecom services either directly or through a majority-owned subsidiary; and (b) gives an undertaking to obtain a UAS licence through a New Entrant Nominee UAS Licensee as per the DOT guidelines before starting telecom operations, can bid for 3G Spectrum.

The Pan-India reserve price of one block of 3G spectrum is Rs. 3500 crores as per the NIA.

- (b) List of pre-qualified bidders for 3G auction is given in Statement-I (*See below*).
- (c) The minimum estimated revenue from 3G auction is around Rs. 14,330 crores based on reserve price. This is based on auction of 3 block of 3G spectrum in 17 service areas and 4 blocks in 5 service areas in addition to one block assigned to MTNL/BSNL.
- (d) There are no upfront fees for the allocation of 2G spectrum. The 2G spectrum has been allocated as per the respective Universal Access Service License (UASL) conditions.

The annual spectrum usage charge at which 2G spectrum allocated for the period upto 31/3/2010 is given in Statement-II (*See* below) and for the period after 31/3/2010 is given in Statement-III (*See* below).

The company wise spectrum detail for GSM operators is given in Statement-IV (*See* below) and the company-wise spectrum for CDMA operators is given in Statement-V (*See* below).

(e) The revenue generated by allocation of 2G (GSM) spectrum is Rs. 12507 crores from 1/4/2002 onwards and the revenue generated by allocation of 2G (CDMA) spectrum is Rs 1789.79 crores from 1/4/2005 onwards.

Statement-I

List of pre-Qualified Bidders

Pre-qualified Bidders for the 3G Auction

Sl. No.	Name of Bidder
1	Aircel Limited
2	Bharti Airtel Limited
3	Etisalat DB Telecom Private Limited
4	Idea Cellular Limited
5	Reliance Telecom Limited
6	S Tel Private Limited
7	Tata Teleservices Limited
8	Videocon Telecommunications limited
9	Vodafone Essar Limited

Statement-II

2G (GSM) Spectrum Charges

Sl. No.	Amount of 2G (GSM) Spectrum	Spectrum charging as %age of Adjusted Gross Revenue (AGR)
1.	Upto 4.4 + 4.4 MHz	2
2.	Upto 6.2 + 6.2 MHz	3
3.	Upto 10+ 10 MHz	4
4.	Upto 12.5 + 12.5 MHz	5
5.	Upto 15 + 15 MHz	6

2G (CDMA) Spectrum Charges

Sl. No.	Amount of 2G (CDMA) Spectrum	Spectrum charging as %age of Adjusted Gross Revenue (AGR)
1.	Upto 5.0+ 5.0 MHz	2
2.	Upto 6.25 + 6.25 MHz	3
3.	Upto 10+ 10 MHz	4
4.	Upto 12.5+ 12.5 MHz	5
5.	Upto 15.0+ 15.0 MHz	6

Statement-III

2G Spectrum Charges

Amount of GSM spectrum	Amount of CDMA spectrum	Spectrum charges as a percentage(%) of Adjusted Gross Revenue
Upto 2x4.4 MHz	Upto 2x5.0 MHz	3
Upto 2x6.2 MHz	Upto 2x6.25 MHz	4
Upto 2 x 8.2 MHz	Upto 2x7.5 MHz	5
Upto 2 x 10.2 MHz	Upto 2 x 10.0 MHz	6
Upto 2 x 12.2 MHz	Upto 2 x 12.5 MHz	7
Upto 2 x 15.2 MHz	Upto 2 x 15.0 MHz	8

Statement-IV

Details of allotted spectrum to all the GSM operators (As on 31.03.2010)

Sl. No.	Service Area	Operators	Allotment in 900MHz band in MHz	Allotment in 1800MHz band in MHz	Total Allotment in MHz
1	2	3	4	5	6
1	Delhi	Bharti	8.0	2.0	10.0
		Vodafone	8.0	2.0	10.0
		MTNL	6.2	6.2	12.4
		IDEA		8.0	8.0

1	2	3	4	5	6
		Aircel Ltd.		4.4	4.4
		Reliance		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Total	22.2	31.4	53.6
2	Mumbai	Vodafone	8.0	2.0	10.0
		Bharti		9.2	9.2
		MTNL	6.2	6.2	12.4
		Idea		4.4	4.4
		Reliance		4.4	4.4
		BPL	8.0	2.0	10.0
		Aircel Ltd.		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		TTSL		4.4	4.4
		Total	22.2	50.2	72.4
3	Kolkata	Bharti	6.2	1.8	8.0
		BSNL	6.2	3.8	10.0
		Reliance		6.2	6.2
		Aircel		4.4	4.4
		Vodafone	7.8	2.0	9.8
		Idea		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		TTSL		4.4	4.4
		Loop		4.4	4.4
		Total	20.2	40.2	60.4

1	2	3	4	5	6
4	Maharashtra	Bharti	0.0	8.2	8.2
		Idea	7.8	2.0	9.8
		Reliance	0.0	4.4	4.4
		BSNL	6.2	3.8	10.0
		Vodafone	6.2	0.0	6.2
		Aircel Ltd.	0.0	4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Spice		4.4	4.4
		Total	20.2	49.2	69.4
5	Gujarat	Vodafone	7.8	2.0	9.8
		Reliance		4.4	4.4
		BSNL	6.2	1.2	7.4
		Idea	6.2	0.0	6.2
		Bharti		6.2	6.2
		Aircel Ltd.		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	20.2	40.2	60.4
6	A.P	Vodafone		6.2	6.2
		Aircel Ltd.		4.4	4.4

1	2	3	4	5	6
		Reliance		4.4	4.4
		Bharti	7.8	2.2	10.0
		BSNL	6.2	3.8	10.0
		IDEA	6.2	1.8	8.0
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Spice		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	20.2	49.2	69.4
7	Karnataka	Bharti	7.8	2.2	10.0
		Spice	6.2	0.0	6.2
		Vodafone		8.0	8.0
		Aircel Ltd.		4.4	4.4
		Reliance		4.4	4.4
		BSNL	6.2	3.8	10.0
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	20.2	49.2	69.4
8	Tamilnadu (incl. of Chennai)	Bharti		9.2	9.2

1	2	3	4	5	6
		Vodafone	6.2	1.8	8.0
		Reliance		4.4	4.4
		Aircel Ltd.	7.8	2.0	9.8
		BSNL	6.2	3.8	10.0
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	20.2	47.6	67.8
9	Kerala	BSNL	6.2	3.8	10.0
		Vodafone	6.2	0.0	6.2
		Bharti		6.2	6.2
		Idea	6.2	1.8	8.0
		Reliance		4.4	4.4
		Dishnet		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	18.6	42.6	61.2
10	Punjab	Vodafone		6.2	6.2
		Bharti	7.8	0.0	7.8
		Spice	7.8	0.0	7.8
		BSNL	6.2	0.0	6.2

1	2	3	4	5	6
		Reliance		4.4	4.4
		Aircel Ltd.		4.4	4.4
		HFCL		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Idea		4.4	4.4
		Total	21.8	41.4	63.2
11	Haryana	Bharti		6.2	6.2
		BSNL	6.2	3.8	10.0
		Reliance		4.4	4.4
		Idea	6.2	0.0	6.2
		Vodafone	6.2	0.0	6.2
		Dishnet		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		TTSL		4.4	4.4
		Loop		4.4	4.4
		Spice		4.4	4.4
		Total	18.6	45.2	63.8
12	UP(West)	Bharti		6.2	6.2
		Vodafone	6.2	0.0	6.2
		Idea	6.2	1.8	8.0
		BSNL	6.2	3.8	10.0

1	2	3	4	5	6
		Reliance		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		Aircel Ltd.		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	18.6	42.6	61.2
13	UP(E)	Bharti	6.2	1.0	7.2
		Vodafone	6.2	2.0	8.2
		Reliance		4.4	4.4
		Idea		6.2	6.2
		BSNL	6.2	3.8	10.0
		Dishnet		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd,		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	18.6	43.8	62.4
14	Rajasthan	Vodafone	6.2	0.0	6.2
		Idea		6.2	6.2
		Reliance		4.4	4.4
		BSNL	6.2	1.8	8.0
		Bharti	6.2	2.0	8.2
		Aircel Ltd.		4.4	4.4

1	2	3	4	5	6
		Shyam Telelink		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Etisalat DB Pvt. Ltd.		4.4	4.4
		TTSL		4.4	4.4
		Loop		4.4	4.4
		Total	18.6	45.2	63.8
15	M.P	Bharti		8.0	8.0
		Vodafone		4.4	4.4
		BSNL	6.2	3.8	10.0
		Reliance	6.2	0.0	6.2
		IDEA	6.2	1.8	8.0
		Dishnet		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Allianz		4.4	4.4
		Total	18.6	44.4	63.0
16	West Bengal	Bharti	4.4	1.8	6.2
		Dishnet		4.4	4.4
		Vodafone	4.4	1.8	6.2
		Reliance	4.4	1.8	6.2
		BSNL	6.2	1.8	8.0
		Datacom		4.4	4.4
		IDEA		4.4	4.4

1	2	3	4	5	6
		Unitech		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	19.4	33.6	53.0
17	HP	Vodafone		4.4	4.4
		Dishnet		4.4	4.4
		Bharti	6.2	0.0	6.2
		Reliance	6.2	0.0	6.2
		Idea		4.4	4.4
		BSNL	6.2	3.8	10.0
		Datacom		4.4	4.4
		S.Tel		4.4	4.4
		Loop		4.4	4.4
		Unitech		4.4	4.4
		TTSL		4.4	4.4
		Total	18.6	39.0	57.6
18	Bihar	Bharti	6.2	3.0	9.2
		Vodafone		4.4	4.4
		Reliance	6.2	1.8	8.0
		BSNL	6.2	3.8	10.0
		Dishnet		4.4	4.4
		ABTL		4.4	4.4
		Datacom		4.4	4.4
		Unitech		4.4	4.4
		STel		4.4	4.4
		Loop		4.4	4.4

1	2	3	4	5	6
		TTSL		4.4	4.4
		Allianz		4.4	4.4
		Total	18.6	48.2	66.8
19	Orissa	Vodafone		4.4	4.4
		Reliance	6.2	0.0	6.2
		BSNL	6.2	3.8	10.0
		Dishnet		4.4	4.4
		Bharti	6.2	1.8	8.0
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		STel		4.4	4.4
		Loop		4.4	4.4
		TTSL		4.4	4.4
		Total	18.6	40.8	59.4
20	Assam	Vodafone		4.4	4.4
		Bharti	1.8	4.4	6.2
		BSNL	6.2	3.8	10.0
		Reliance	6.2	0.0	6.2
		Dishnet	4.4	1.8	6.2
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		Loop		4.4	4.4
		S.Tel		4.4	4.4
		Total	18.6	36.4	55.0
21	NE	Bharti	4.4	1.8	6.2
		BSNL	6.2	3.8	10.0
		Reliance	4.4	1.8	6.2

1	2	3	4	5	6
		Dishnet	4.4	0.0	4.4
		Vodafone		4.4	4.4
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		Loop		4.4	4.4
		S.Tel		4.4	4.4
		Total	19.4	33.8	53.2
22	J&K	Vodafone		4.4	4.4
		Reliance		4.4	4.4
		BSNL	8.0	0.0	8.0
		Dishnet	4.4	0.0	4.4
		Bharti	6.2	0.0	6.2
		Datacom		4.4	4.4
		Idea		4.4	4.4
		Unitech		4.4	4.4
		Loop		4.4	4.4
		S.Tel		4.4	4.4
		Total	18.6	30.8	49.4

Statement-V

Spectrum allocated to operators using CDMA based Technology in different service area as 31.03.2010

Sl.No	Service Area	Name of the Operator	Amount of Spectrum Allocated in CDMA Band (824-844/869-889 MHz)
1	2	3	4
1	Delhi	Mahanagar Telephone Nigam Ltd	3.75+3.75 MHz (3 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)
		Tata Teleservices Ltd.	5 + 5 MHz (4 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)

1	2	3	4
2	Mumbai	Mahanagar Telephone Nigam Ltd	3.75+3.75 MHz (3 carriers)
		Reliance Infocomm Ltd.	5+5 MHz (4 carriers)
		Tata Teleservices (Mah.) Ltd	5+5 MHz (4 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
3	Kolkata	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5+ 5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75 + 3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
4	Chennai	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75+3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
5	Andhra	Bharat Sanchar Nigam Ltd.	3.75+3.75 MHz (3 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)
		Tata Teleservices Ltd.	5+5 MHz (4 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
6	Bihar	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5+ 5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75 + 3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
7	Gujarat	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	3.75+3.75 MHz (3 carriers)
		Tata Teleservices Ltd .	3.75+3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
8	Haryana	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)

1	2	3	4
		Reliance Infocomm Ltd	3.75+3.75 MHz (3 carriers)
		Tata Teleservices Ltd	3.75 + 3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
9	Himachal	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd	2.5+ 2.5 MHz (2 carriers)
		Tata Teleservices Ltd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
10	Jammu & Kashmir	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd	2.5+2.5 MHz (2 carriers)
		Tata Teleservices Ltd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
11	Kerala	Bharat Sanchar Nigam Ltd.	3.75 + 3.75 MHz (3 carriers)
		Reliance Infocomm Ltd	5 + 5MHz (4 carriers)
		Tata Teleservices Ltd	3.75 +3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)

1	2	3	4
12	Karnataka	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	up to 5+5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75 +3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
13	Maharashtra	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)
		Tata Teleservices(Mah.) Ltd.	Up to 5+5 MHz (4 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
14	Madhya Pradesh	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5 + 5MHz (4 carriers)
		Tata teleservices Ltd	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
15	Orissa	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	3.75+3.75 MHz (3 carriers)
		Tata teleservices Ltd	2.5+2.5 MHz (2 carriers)

1	2	3	4
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
16	Punjab	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	3.75+3.75 MHz (3 carriers)
		Himachal Futuristic Co. Ltd.	2.5+2.5 MHz (2 carriers)
		Tata Teleservices Ltd.	3.75+3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
17	Rajasthan	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	3.75+3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	Up to 5+5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75 +3.75 MHz (3 carriers)
18	Tamil Nadu	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5+ 5 MHz (4 carriers)
		Tata Teleservices Ltd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
19	U.P.(East)	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)

1	2	3	4
		Tata Teleservices Ltd.	3.75 + 3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
20	U.P.(West)	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	5 + 5 MHz (4 carriers)
		Tata Teleservices Ltd.	3.75 + 3.75 MHz (3 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
21	West Bengal	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Infocomm Ltd.	3.75 + 3.75 MHz (3 carriers)
		Tata Teleservices Ltd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5 +2.5 MHz (2 carriers)
22	North East	Bharat Sanchar Nigam Ltd	2.5+2.5 MHz (2 carriers)
		Tata Teleservices LTd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Telecom Ltd	2.5+2.5 MHz (2 carriers)
23	Assam	Bharat Sanchar Nigam Ltd.	2.5+2.5 MHz (2 carriers)
		Tata Teleservices Ltd.	2.5+2.5 MHz (2 carriers)
		Shyam Telelink Ltd.	2.5+2.5 MHz (2 carriers)
		Reliance Telecom Ltd.	2.5+2.5 MHz (2 carriers)