

**No.: 1000/16/2014-W.F./Auction
Government of India
Ministry of Communications & IT
Department of Telecommunications
(WPF Wing).**

Dated 29-01-2015

Subject: Amendment No.2 to NIA for Spectrum Auction scheduled in February 2015.

The NIA dated 09-01-2015, for Auction of spectrum in the 2100MHz, 1800MHz, 900MHz & 800MHz bands is hereby amended and Amendment No.2 is enclosed.

S/d
Director (WF)

Auction of Spectrum in 2100MHz, 1800MHz, 900MHz and 800MHz Bands

**Amendment No. 2
To
Notice Inviting Applications Dated 9th Jan 2015**

**Government of India
Ministry of Communications & Information Technology
Department of Telecommunications**

29th Jan 2015

1 Clause 1.1

Page 6, Para 1.1

For

The Government of India (the "Government"), through the Department of Telecommunications ("DoT"), proposes to allot the rights to use certain specified radio spectrum frequencies in the 2100 MHz, 1800 MHz, 900 MHz and 800 MHz bands by means of auction in various telecom Service Areas. The details regarding, 1800, 900 and 800 MHz bands are as attached in **Annexure 2-A, 2-B and 2-C** respectively. The details regarding 2100 MHz band will be issued later.

This Para is modified and may be read as:

The Government of India (the "Government"), through the Department of Telecommunications ("DoT"), proposes to allot the rights to use certain specified radio spectrum frequencies in the 2100 MHz, 1800 MHz, 900 MHz and 800 MHz bands by means of auction in various telecom Service Areas. The details regarding, 1800, 900, 800 and **2100** MHz bands are as attached in **Annexure 2-A, 2-B, 2-C and 2-D** respectively.

Annexure 2-A, 2-B and 2-C are modified and are enclosed with this Amendment.

2 Clause 1.3

Page 7, Para 5 – Clock Stage

For

The Clock Stage will establish the bidders and the number of Block(s) to be awarded in each of the service areas. In this stage, in each service area, bidders will bid for blocks of spectrum of 200 kHz Paired in 1800 MHz & 900 MHz bands and 1.25 MHz Paired in 800 MHz Band (i.e. the right to use spectrum blocks not linked to any frequency) as per their respective permissible limit depending upon their categorization as a "New Entrant" or as an "Existing Licensee". The status as a "New Entrant" or as an "Existing Licensee" would be separate in 900/1800* MHz band and 800 MHz band and this status may be different for different Service Areas depending on the holding of spectrum in such band and in such Service Area.

* For this purpose, 900 MHz and 1800 MHz bands would be treated as one.

This Para is modified and may be read as:

The Clock Stage will establish the bidders and the number of Block(s) to be awarded in each of the service areas. In this stage, in each service area, bidders will bid for blocks of spectrum of 200 kHz Paired in 1800 MHz & 900 MHz bands and 1.25 MHz Paired in 800 MHz Band (i.e. the right to use spectrum blocks not linked to any frequency) as per their respective permissible limit depending upon their categorization as a "New Entrant" or as an "Existing Licensee. **In 2100 MHz band, the block size is 5MHz, which is the minimum a bidder can bid in this band.** The status as a "New Entrant" or as an "Existing Licensee" would be separate in **2100MHz, 1800MHz, 900MHz** and 800

MHz bands and this status may be different for different Service Areas depending on the holding of spectrum in such band and in such Service Area.

3 Clause 1.4

Page 9, Para under Timetable with a **

This Para is modified and may be read as:

*** Full Upfront Payment, OR in case of Deferred Payment option, upfront payment of 33%; of the final bid amount in case of 1800MHz, 2100MHz bands and 25% of the final bid amount in case of 900/800 MHz bands.*

4 Clause 2.1

Page 19, Below 2.1 c) III. Table

The following para is inserted prior to the 'Note' para:

2.1 d) Details of 2100 MHz

- I. Block size shall be of 5 MHz (paired) in 2100 MHz Band.
- II. The minimum bidding amount is 5 MHz spectrum (paired).

The details of the Spectrum put to auction in the respective Service Areas are as given below:

Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5 MHz (Paired)), for e-auction of Spectrum in 2100MHz Band.			
Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks
Andhra Pradesh	Entire area falling within the State of Andhra Pradesh and Telangana	5	1
Assam	Entire area falling within the State of Assam.	5	1
Delhi	Local Areas served by Delhi, Ghaziabad, Faridabad, Noida, and Gurgaon Telephone Exchanges.	5	1
Gujarat	Entire area falling within the State of Gujarat and Union Territory of Daman and Diu, Silvassa (Dadra & Nagar Haveli).	5	1
Haryana	Entire area falling within the State of Haryana except Panchkula town and the local areas served by	5	1

Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5 MHz (Paired)), for e-auction of Spectrum in 2100MHz Band.			
Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks
	Faridabad and Gurgaon Telephone exchanges.		
Karnataka	Entire area falling within the State of Karnataka.	5	1
Kerala	Entire area falling within the State of Kerala and Union Territory of Lakshadweep and Minicoy.	5	1
Kolkata	Local Areas served by Kolkata Telephones of BSNL.	5	1
Madhya Pradesh	Entire area falling within the re-organized State of Madhya Pradesh as well as the newly created State of Chattisgarh pursuant to the Madhya Pradesh Re-organization Act, 2000 (No. 28 of 2000) dated 25 th August, 2000.	5	1
Maharashtra	Entire area falling within the State of Maharashtra and Goa, excluding areas covered by Mumbai Metro Service Area.	5	1
Mumbai	Local areas served by Mumbai, New Mumbai and Kalyan Telephone Exchanges.	5	1
North East	Entire area falling within the States of Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Manipur and Tripura.	5	1
Odisha	Entire area falling within the State of Odisha.	5	1
Rajasthan	Entire area falling within the State of Rajasthan.	5	1
Tamil Nadu	Entire area falling within the State of Tamil Nadu and Union Territory of Pondicherry (Excluding Yanam)	5	1
Uttar Pradesh (East)	Entire area covered by Eastern Uttar Pradesh with the following as its boundary districts towards	5	1

Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5 MHz (Paired)), for e-auction of Spectrum in 2100MHz Band.			
Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks
	Western Uttar Pradesh: Shahjahanpur, Farrukhabad, Kanpur and Jalaun.		
Uttar Pradesh (West)	Entire area covered by Western Uttar Pradesh with the following as its boundary districts towards Eastern Uttar Pradesh: Pilibhit, Bareilly, Badaun, Etah, Mainpuri and Etawah. It will exclude the local telephone area of Ghaziabad and Noida. However, it will also include the newly created State of Uttaranchal pursuant to the Uttar Pradesh Reorganisation Act, 2000 (No.29 of 2000) dated 25th August, 2000.	5	1

5 Clause 2.1

Page 20, Sentence in Italics prior to Clause 2.2 – ‘Backhaul Spectrum’

The Sentence is modified and may be read as:

*The details of Frequency spots and Partial Spectrum are attached as **Annexure 2A, 2B, 2C and 2D** shall be a part of this NIA.*

6 Clause: 3.1

Page 21, 2nd Last Sentence

The Sentence is modified and may be read as:

can bid for the Spectrum in **2100MHz**, 1800MHz, 900MHz and 800MHz band (subject to other provisions of the Notice)`

7 Clause: 3.6.1

Page 26, Heading

The Clause is renumbered as **3.6.1.1**.

8 Clause 3.6.1.2

Page 31, before Clause 3.6.2

Following New Clause **3.6.1.2 Rollout Obligations for Spectrum in 2100MHz band** is inserted:-

(i) Telecom Service Providers (TSPs), who are holding spectrum in 2100 MHz band and acquire spectrum in the same band in the auction will have the following rollout obligations over and above the existing roll out obligations.

a) 10% of District Headquarters (DHQs) in the LSA within one year of date of allotment of spectrum and

b) 10% DHQs in the LSA within two years of date of allotment of spectrum.

(ii) New Entrants acquiring spectrum 2100 MHz band will have the following rollout obligations:

a) 50% of DHQs in the LSA out of which 15% of DHQs should be in rural SDCA within three years from the effective date of license or date of allotment of spectrum whichever is later.

b) 10% of DHQs in the LSA within 4 years from the effective date of license or date of allotment of spectrum whichever is later.

c) 10% of DHQs in the LSA within 5 years from the effective date of license or date of allotment of spectrum whichever is later.

Note : Other terms and conditions of 3.6.1.1 (which are not band specific) shall apply for 2100MHz band.

9 Clause 3.6.2

Page 31, Para(i) is modified and may be read as:

(i) Subject to the above and except for Section **3.6.1.1(vii)**, all the terms and conditions given in Section **3.6.1.1** above shall apply. However, in the case of Metro Service Area, there will be no obligation relating to Block Headquarters for the 'New Entrant' as well as 'Existing Licensee'.

10 Clause 3.7: Spectrum Usage Charges

Page 31, this Clause is revised and may be read as:-

A spectrum usage charge in addition to the spectrum auction price as a percentage of the Adjusted Gross Revenue (AGR) shall be payable by the successful bidder as per the rates notified by the Government from time to time.

11 Clause 3.8: Duration

Page 31, Sentence at second last Para, May be read as: The validity period of the Spectrum in **2100MHz**, 1800 MHz, 900MHz and 800 MHz band won in these auctions shall be 20 years from the 'Effective Date'.

12 Clause 3.8: Duration

Page 32, Para1: After Clause (d), Clause (e) is inserted as:

(e) In case of 2100MHz band, date of issue of Lol.

13 Clause 4.2.1.1

Page 34, Heading to be read as: **4.2.1.1 Auction of Spectrum in 2100MHz, 1800 MHz, 900 MHz and 800 MHz band**

14 Clause 4.2.1.1

Page 34, Table 4A

This Table is modified and may be read as:

Table 4-A : Earnest Money for Service - Areas in 1800 MHz band	
Service Area	Earnest Money Amount per block (Rs Crore.)
Andhra Pradesh	6.20
Bihar	2.90
Gujarat	6.20
Haryana	1.15
Himachal Pradesh	0.45
Karnataka	6.20
Kerala	2.90
Kolkata	2.90
North East	0.45
Orissa	1.15
Punjab	2.90
Rajasthan	2.90

Table 4-A : Earnest Money for Service - Areas in 1800 MHz band	
Service Area	Earnest Money Amount per block (Rs Crore.)
Tamil Nadu	6.20
Uttar Pradesh (East)	2.90
Uttar Pradesh (West)	2.90

15 Clause 4.2.1.1

Page 35, Table 4B

This Table is modified and may be read as:

Table 4-B : Earnest Money for Service - Areas in 900 MHz band	
Service Area	Earnest Money Amount per block (Rs Crore.)
Andhra Pradesh	13.60
Assam	2.90
Bihar	6.20
Gujarat	13.60
Haryana	2.90
Himachal Pradesh	1.15
Karnataka	13.60
Kerala	6.20
Madhya Pradesh	6.20
Maharashtra	13.60
North East	1.15
Orissa	2.90
Punjab	6.20
Rajasthan	6.20
Uttar Pradesh (East)	6.20
Uttar Pradesh (West)	6.20
West Bengal	2.90

16 Clause 4.2.1.1

Page 36, Table 4C

This Table is modified and may be read as:

Table 4-C : Earnest Money for Service - Areas in 800 MHz band	
Service Area	Earnest Money Amount per block (Rs. Crore.)
Andhra Pradesh	47.15
Assam	6.20
Bihar	13.60
Delhi	47.15
Gujarat	47.15

Table 4-C : Earnest Money for Service - Areas in 800 MHz band	
Service Area	Earnest Money Amount per block (Rs. Crore.)
Haryana	6.20
Himachal Pradesh	2.90
Jammu & Kashmir	6.20
Karnataka	47.15
Kolkata	21.40
Madhya Pradesh	13.60
Maharashtra	47.15
Mumbai	47.15
North East	2.90
Orissa	6.20
Punjab	13.60
Tamil Nadu	47.15
Uttar Pradesh (East)	21.40
Uttar Pradesh (West)	13.60
West Bengal	13.60

17 Clause 4.2.1.1

Page 37, following Table is inserted

The corresponding details of 2100MHz band are as hereunder:

Table 4-CC	
Earnest Money for Service Areas in 2100MHz band	
Service Area	Earnest Money Amount per block (Rs. Crore)
Andhra Pradesh	160.70
Assam	21.40
Delhi	160.70
Gujarat	160.70
Haryana	21.40
Karnataka	160.70
Kerala	47.15
Kolkata	47.15
Madhya Pradesh	47.15
Maharashtra	160.70
Mumbai	160.70
North East	6.20
Odisha	21.40
Rajasthan	47.15
Tamilnadu	160.70
UP East	47.15

Table 4-CC	Earnest Money for Service Areas in 2100MHz band
Service Area	Earnest Money Amount per block (Rs. Crore)
UP West	47.15

18 Clause 4.2.1.1

Page 37, Para3

This Para is modified and may be read as:

- In case of Associated Licensees, the following are additionally required to be submitted along with the Application:
 - A completed Nomination Form nominating the Group Bidding Entity. Separate Nomination Forms need to be completed by each of the Associated Licensees corresponding to the Group Bidding Entity that intend to participate in the Auction of Spectrum in **2100MHz**, 1800MHz, 900MHz and 800MHz band;
 - Details of ownership structures of the Associated Licensees establishing the qualification of the Group Bidding Entity to bid on behalf of the Associated Licensees;
 - For service areas where neither the Group Bidding Entity, nor any of its Associated Licensees are existing UAS/ CMTS/ UL(AS)/UL Licensees with access service authorization , an undertaking confirming that, if the Applicant is successful in winning spectrum in any such service area, it shall acquire a Unified Licence in advance of starting commercial operations. The Applicant shall be solely responsible for ensuring compliance with all eligibility criteria for the award of a Unified Licence including, but not limited to, the criteria required for FIPB approvals and security clearances.

19 Clause 4.5: Payment Terms

Page 41, Para 4.5 (b) (i)

This Para is modified and may be read as:

- (i) An upfront payment of 33% in the case of **2100MHz** and 1800MHz band, and 25% in case of 900MHz and 800MHz bands of the final bid amount shall be made within 10 days of declaration of successful bidders and final price;

20 Clause 4.5: Payment Terms:

Page 42, Para 4.5 (b) (v) may be read as:

- (v) An indicative schedule of payments is given below:

21 Clause 5

Page 46, Heading may please be read as

Spectrum in 2100MHz, 1800MHz, 900MHz and 800 MHz bands – Auction Rules

22 Clause 5.2

Page 47, Para 2 may be read as:

It is to be noted that the auction for spectrum in all the bands (**2100MHz**, 1800MHz, 900MHz and 800 MHz band) will be conducted simultaneously.

23 Clause 5.2

Page 55, following Table is inserted:-

The corresponding details of 2100MHz band are as follows:

The details of the Spectrum put up for auction in each of the Service Areas in the 2100 MHz band is as given below in Table 5-CC.

Table 5-CC		Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5MHz (Paired)), for e-auction of Spectrum in <u>2100MHz Band</u> .			
Sl. No.	Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks	Reserve Price per Block (In INR in Cr.)
1.	Andhra Pradesh	Entire area falling within the State of Andhra Pradesh and Telangana	5	1	1375
2.	Assam	Entire area falling within the State of Assam.	5	1	145
3.	Delhi	Local Areas served by Delhi, Ghaziabad, Faridabad, Noida, and Gurgaon	5	1	3315

Table 5-CC		Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5MHz (Paired)), for e-auction of Spectrum in <u>2100MHz Band</u> .			
Sl. No.	Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks	Reserve Price per Block (In INR in Cr.)
		Telephone Exchanges.			
4.	Gujarat	Entire area falling within the State of Gujarat and Union Territory of Daman and Diu, Silvassa (Dadra & Nagar Haveli).	5	1	1290
5.	Haryana	Entire area falling within the State of Haryana except Panchkula town and the local areas served by Faridabad and Gurgaon Telephone exchanges.	5	1	230
6.	Karnataka	Entire area falling within the State of Karnataka.	5	1	1610
7.	Kerala	Entire area falling within the State of Kerala and Union Territory of Lakshadweep and Minicoy.	5	1	555
8.	Kolkata	Local Areas served by Kolkata Telephones of BSNL.	5	1	545
9.	Madhya Pradesh	Entire area falling within the re-organized State of Madhya Pradesh as well as the newly created State of Chattisgarh pursuant to the Madhya Pradesh Re-organization Act, 2000 (No. 28 of 2000) dated 25 th August, 2000.	5	1	435
10.	Maharashtra	Entire area falling within the State of Maharashtra and Goa, excluding areas covered by Mumbai Metro	5	1	1505

Table 5-CC		Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5MHz (Paired)), for e-auction of Spectrum in <u>2100MHz Band</u> .			
Sl. No.	Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks	Reserve Price per Block (In INR in Cr.)
		Service Area.			
11.	Mumbai	Local areas served by Mumbai, New Mumbai and Kalyan Telephone Exchanges.	5	1	3245
12.	North East	Entire area falling within the States of Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Manipur and Tripura.	5	1	40
13.	Odisha	Entire area falling within the State of Odisha.	5	1	165
14.	Rajasthan	Entire area falling within the State of Rajasthan.	5	1	435
15.	Tamil Nadu	Entire area falling within the State of Tamil Nadu and Union Territory of Pondicherry (Excluding Yanam)	5	1	1720
16.	Uttar Pradesh (East)	Entire area covered by Eastern Uttar Pradesh with the following as its boundary districts towards Western Uttar Pradesh: Shahjahanpur, Farrukhabad, Kanpur and Jalaun.	5	1	430
17.	Uttar Pradesh (West)	Entire area covered by Western Uttar Pradesh with the following as its boundary districts towards Eastern Uttar Pradesh: Pilibhit, Bareilly, Badaun, Etah, Mainpuri and Etawah.	5	1	515

Table 5-CC		Service Areas, Areas Covered, Spectrum put to Auction, and Number of Blocks (considering Block Size of 5MHz (Paired)), for e-auction of Spectrum in <u>2100MHz Band</u> .			
Sl. No.	Name of Telecom Circle / Metro Service Area	Areas Covered	Spectrum put to Auction (In MHz)	Number of Blocks	Reserve Price per Block (In INR in Cr.)
		It will exclude the local telephone area of Ghaziabad and Noida. However, it will also include the newly created State of Uttaranchal pursuant to the Uttar Pradesh Reorganisation Act, 2000 (No.29 of 2000) dated 25th August, 2000.			

24 Clause 5.2: Overview of the Auction Stages

Page 57, Para1: Clause 5.2 iv) is inserted after para 1

- iv) **2100 MHz band (Block Size of 5 MHz (Paired))**
 - a. All bidders are required to bid for a minimum of 1 Block.
 - b. Maximum number of blocks which a bidder can submit the bid for will be 1, subject to the restrictions applicable as per the Spectrum Capping rules.

25 Clause 5.2

Page 57, Para 2 is to be read as:

The award of Spectrum is a two-stage process:

- a) **Clock Stage:** This stage will establish the number of block(s) to be awarded and the bidders to whom these will be awarded. In this stage, in each service area, bidders will submit bids for blocks of spectrum of 200 kHz each in 1800 MHz band & 900 MHz band; for blocks of spectrum of 1.25 MHz each in 800 MHz band **and for blocks of 5MHz each in the 2100MHz band**, as per their respective permissible limits depending on their categorization. The Clock Stage will consist of a number of rounds. These rounds will stop once:

- (i) Auction Activity Requirement is 100%; and
- (ii) In any Clock Round, for all Service Areas for all the bands, there is no bidding activity.

This will establish a common Winning Price for all blocks within a Service Area for a particular band, and the Winning Bidders in each Service Area in each band. The detailed methodology followed in the Clock Stage is explained in **Section 5.4**.

26 Clause 5.3: Spectrum Holding Capping Rule

Page 57, Para 1 may be read as

For the purpose of this Auction the bidding by the bidders for each of the Service Areas in each of the bands will be restricted by a Cap which would depend on the Spectrum assigned in the respective band (**2100MHz/1800MHz/ 900MHz/800 MHz**) and also on the Total Spectrum assigned in all the bands namely 800 MHz/ 900 MHz/ 1800 MHz/ 2.1 GHz/ 2.3 GHz/ 2.5 GHz along with respective paired frequencies.

27 Clause 5.3.1

Page 58, Overall cap, Table 5-D is revised as given below:-

Table 5-D	Overall Cap on Bidding for each Operator for each Service Area.
	Total Spectrum Assigned for unpaired and both sides of spectrum in case of paired spectrum is taken into account
Service Area	Overall Cap for each Operator (In MHz)**
Andhra Pradesh	67.40
Assam	62.20
Bihar	62.98
Delhi	61.73
Gujarat	63.10
Haryana	67.85
Himachal Pradesh	63.95
Jammu & Kashmir	54.03
Karnataka	65.40
Kerala	69.90
Kolkata	63.88
Madhya Pradesh	69.88
Maharashtra	62.20
Mumbai	67.93
North East	67.48
Odisha	68.68

Table 5-D	Overall Cap on Bidding for each Operator for each Service Area.
	Total Spectrum Assigned for unpaired and both sides of spectrum in case of paired spectrum is taken into account
Service Area	Overall Cap for each Operator (In MHz)**
Punjab	67.00
Rajasthan	66.98
Tamil Nadu	70.70
Uttar Pradesh (East)	67.30
Uttar Pradesh (West)	64.25
West Bengal	61.15

28 Clause 5.3.2

Page 59 and 60, Table 5-E Cap on Bidding for each Operator for each Service Area in 1800 MHz band.

Table 5-E	Cap on Bidding for each Operator for each Service Area in 1800 MHz band.
	Total Spectrum Assigned for both sides of spectrum in case of paired spectrum is taken into account
Service Area	Maximum Cap for each Operator (In MHz)*
Andhra Pradesh	54.60
Bihar	42.35
Gujarat	46.00
Haryana	47.10
Himachal Pradesh	43.05
Karnataka	50.60
Kerala	52.45
Kolkata	48.80
North East	44.30
Odisha	52.50
Punjab	43.45
Rajasthan	46.60
Tamilnadu	61.20
Uttar Pradesh (East)	47.25
Uttar Pradesh (West)	39.90

29 Clause 5.3.4

Page 62, Table 5-G Cap on Bidding for each Operator for each Service Area in 800 MHz band.

Table 5-G	Cap on Bidding for each Operator for each Service Area in 800 MHz band. Total Spectrum Assigned for both sides of spectrum in case of paired spectrum is taken into account
Service Area	Maximum Cap for each Operator (In MHz)*
Andhra Pradesh	15.00
Assam	16.25
Bihar	15.00
Delhi	16.25
Gujarat	15.00
Haryana	15.00
Himachal Pradesh	16.25
Jammu & Kashmir	13.75
Karnataka	15.00
Kolkata	13.75
Madhya Pradesh	16.25
Maharashtra	13.75
Mumbai	16.25
North East	16.25
Odisha	16.25
Punjab	13.75
Tamilnadu	15.00
Uttar Pradesh (East)	13.75
Uttar Pradesh (West)	15.00
West Bengal	13.75

30 Clause 5.3.5

Page 63, After Para 1, new clause 5.3.5 is inserted:-

The Spectrum Cap for each operator in each of the Service Areas in 2100MHz band is calculated as 50% of the Total Spectrum assigned, both uplink and downlink, for Telecom services in 2100MHz band.

****** *For the purpose of arriving at Spectrum Cap in 2100MHz band, the Total Spectrum Assigned in a Service Area in 2100MHz band is considered as the sum total of the current holdings of all the telecom operators in 2100MHz band in the respective Service Area PLUS the Spectrum put to auction in 2100MHz band in that particular Service Area.*

Spectrum Cap for each Operator in 2100 MHz band on the Maximum Spectrum for each of the Service Area is as given in **Table 5-GG** below:

Table 5-GG	Cap on Bidding for each Operator for each Service Area in 2100MHz band.
	Total Spectrum Assigned for both sides of spectrum in case of paired spectrum is taken into account
Service Area	Maximum Cap for each Operator (In MHz)*
Andhra Pradesh	25.00
Assam	25.00
Delhi	25.00
Gujarat	25.00
Haryana	25.00
Karnataka	25.00
Kerala	25.00
Kolkata	25.00
Madhya Pradesh	25.00
Maharashtra	25.00
Mumbai	25.00
North East	25.00
Odisha	20.00
Rajasthan	25.00
Tamilnadu	25.00
Uttar Pradesh (East)	25.00
Uttar Pradesh (West)	25.00

It may be noted that for a Service Area, the Total of the Current Holding of Spectrum in 2100 MHz band and the Total Spectrum for which the bidder is submitting the bid for a Service Area should not exceed the cap which is mentioned in the **Table 5-GG** above. Total Spectrum Assigned for both sides of spectrum in case of paired spectrum is taken into account.

31 Clause 5.4.4

Page 67, first Para in this clause is revised as:

For the purpose of applying Activity Rules, each of the blocks** in each Service Area in each of the bands has been assigned a specific number of Eligibility Points, based on the Reserve Price of Spectrum in that particular Service Area in the respective band. The number of eligibility points associated with a block of **5 MHz in 2100MHz band**, with a block of 200 KHz in 1800 MHz Band, with a block of 200 KHz in 900 MHz band and 1.25MHz in 800 MHz band in each Service Area is listed in **Table 5-H**.

****** *The Block Size will be **5MHz (Paired) in 2100MHz band**, 200 KHz (Paired) each in 1800MHz band and 900MHz band; and 1.25MHz (Paired) each in 800MHz band.*

32 Clause 5.7

Page 86, Table 5H

This Table is modified and may be read as:

Table 5-H – Service Areas, Reserve Price, Deposits required and Eligibility Points for e-auction of Spectrum in 2100MHz, 1800MHz, 900 MHz and 800MHz Band.					
Sl. No.	Name of Telecom Circle / Metro Service Area	Band	Reserve Price per Block (In INR in Cr.)	Required Deposit per Block (In INR in Cr.)	Eligibility Points per Block
1	Andhra Pradesh	1800	33.80	6.20	37
2	Bihar	1800	12.40	2.90	16
3	Gujarat	1800	47.60	6.20	37
4	Haryana	1800	6.40	1.15	6
5	Himachal Pradesh	1800	1.80	0.45	2
6	Karnataka	1800	37.00	6.20	37
7	Kerala	1800	15.00	2.90	16
8	Kolkata	1800	14.60	2.90	16
9	North East	1800	2.20	0.45	2
10	Orissa	1800	4.60	1.15	6
11	Punjab	1800	14.20	2.90	16
12	Rajasthan	1800	12.00	2.90	16
13	Tamil Nadu	1800	45.00	6.20	37
14	Uttar Pradesh (East)	1800	19.40	2.90	16
15	Uttar Pradesh (West)	1800	19.00	2.90	16
16	Andhra Pradesh	900	91.80	13.60	88
17	Assam	900	14.80	2.90	16

Table 5-H – Service Areas, Reserve Price, Deposits required and Eligibility Points for e-auction of Spectrum in 2100MHz, 1800MHz, 900 MHz and 800MHz Band.

Sl. No.	Name of Telecom Circle / Metro Service Area	Band	Reserve Price per Block (In INR in Cr.)	Required Deposit per Block (In INR in Cr.)	Eligibility Points per Block
18	Bihar	900	29.60	6.20	37
19	Gujarat	900	84.80	13.60	88
20	Haryana	900	15.20	2.90	16
21	Himachal Pradesh	900	5.40	1.15	6
22	Karnataka	900	74.00	13.60	88
23	Kerala	900	33.60	6.20	37
24	Madhya Pradesh	900	35.00	6.20	37
25	Maharashtra	900	105.00	13.60	88
26	North East	900	5.80	1.15	6
27	Orissa	900	13.40	2.90	16
28	Punjab	900	30.20	6.20	37
29	Rajasthan	900	39.40	6.20	37
30	Uttar Pradesh (East)	900	45.60	6.20	37
31	Uttar Pradesh (West)	900	34.00	6.20	37
32	West Bengal	900	22.20	2.90	16
33	Andhra Pradesh	800	292.50	47.15	348
34	Assam	800	35.00	6.20	37
35	Bihar	800	106.25	13.60	88
36	Delhi	800	771.25	47.15	348
37	Gujarat	800	343.75	47.15	348

Table 5-H – Service Areas, Reserve Price, Deposits required and Eligibility Points for e-auction of Spectrum in 2100MHz, 1800MHz, 900 MHz and 800MHz Band.

Sl. No.	Name of Telecom Circle / Metro Service Area	Band	Reserve Price per Block (In INR in Cr.)	Required Deposit per Block (In INR in Cr.)	Eligibility Points per Block
38	Haryana	800	47.50	6.20	37
39	Himachal Pradesh	800	23.75	2.90	16
40	Jammu & Kashmir	800	35.00	6.20	37
41	Karnataka	800	378.75	47.15	348
42	Kolkata	800	183.75	21.40	147
43	Madhya Pradesh	800	113.75	13.60	88
44	Maharashtra	800	423.75	47.15	348
45	Mumbai	800	548.75	47.15	348
46	North East	800	13.75	2.90	16
47	Orissa	800	47.50	6.20	37
48	Punjab	800	106.25	13.60	88
49	Tamil Nadu	800	450.00	47.15	348
50	Uttar Pradesh (East)	800	167.50	21.40	147
51	Uttar Pradesh (West)	800	118.75	13.60	88
52	West Bengal	800	71.25	13.60	88
53	Andhra Pradesh	2100	1375	160.70	1279
54	Assam	2100	145	21.40	147
55	Delhi	2100	3315	160.70	1279
56	Gujarat	2100	1290	160.70	1279
57	Haryana	2100	230	21.40	147

Table 5-H – Service Areas, Reserve Price, Deposits required and Eligibility Points for e-auction of Spectrum in 2100MHz, 1800MHz, 900 MHz and 800MHz Band.					
Sl. No.	Name of Telecom Circle / Metro Service Area	Band	Reserve Price per Block (In INR in Cr.)	Required Deposit per Block (In INR in Cr.)	Eligibility Points per Block
58	Karnataka	2100	1610	160.70	1279
59	Kerala	2100	555	47.15	348
60	Kolkata	2100	545	47.15	348
61	Madhya Pradesh	2100	435	47.15	348
62	Maharashtra	2100	1505	160.70	1279
63	Mumbai	2100	3245	160.70	1279
64	North East	2100	40	6.20	37
65	Odisha	2100	165	21.40	147
66	Rajasthan	2100	435	47.15	348
67	Tamilnadu	2100	1720	160.70	1279
68	Uttar Pradesh (East)	2100	430	47.15	348
69	Uttar Pradesh (West)	2100	515	47.15	348

33 Clause: 5.4.4

Page 89, Above Table 5-J

Table 5-I is amended in this Amendment and is in **Annexure 5-I**

34 Tables 5KK

Page 92, following Table is inserted:-

The details pertaining to 2100MHz band are as follows

Table 5-KK – Proportionate Price Increment rule for e-auction of Spectrum in 2100MHz Band.

Excess Demand (In Blocks)		Price Increment as a Percentage of previous Clock Round Price	
Less than ZERO (Negative)		0%	
ZERO		1%	
1		5%	
Greater than or equal to 2		10%	
** The Price Increment calculated for a Service Area in each of the bands will always be capped by the following maximum absolute price increments.			
Sl. No.	Name of Telecom Circle / Metro Service Area	Band	Reserve Price per Block (In INR in Cr.)
1	Andhra Pradesh	2100	1375
2	Assam	2100	145
3	Delhi	2100	3315
4	Gujarat	2100	1290
5	Haryana	2100	230
6	Karnataka	2100	1610
7	Kerala	2100	555
8	Kolkata	2100	545
9	Madhya Pradesh	2100	435
10	Maharashtra	2100	1505
11	Mumbai	2100	3245
12	North East	2100	40
13	Odisha	2100	165
14	Rajasthan	2100	435
15	Tamilnadu	2100	1720
16	UP East	2100	430
17	UP West	2100	515

35 Clause 6: Application Instructions

Page 93, Para 2 to be read as:

Applications should be marked:

“Application for Pre-Qualification –2100MHz, 1800MHz, 900MHz and 800MHz Auction”

36 Clause 8.3.1

Heading on Page 100, may be read as:

8.3.1 Application Format for the 2100MHz, 1800MHz, 900MHz and 800MHz band Auction

APPLICATION FOR PARTICIPATING IN **2100MHz**, 1800MHz, 900MHz and 800MHz band AUCTION

37 Clause 8.3.2

Page 111, Para 1 to be read as:

1. Whereas **<Full name of the Applicant>**(hereinafter called **“the Proposer”**) desires to submit the proposal for participating in the Auction for spectrum in the **2100MHz**, 1800MHz, 900MHz and 800MHz band in compliance to DoT NIA No. **1000/16/2014-W.F. /Auction**.

Know all men by these presents that we**<Name of the Bank>** (hereinafter called **“the Bank”**) are bound unto the President of India (hereinafter referred to as **“the Authority”**), in the sum of **<Amount in figures>** (**<Amount in words>**) for which payment will and truly be made to the said Authority, the Bank binds itself, its successors and assignees by these presents.

38 Clause 8.3.4

Page 117, Heading to be read as:

8.3.4Format for an Undertaking to nominate a Group Bidding Entity for the 2100 MHz,1800MHz, 900MHz and 800MHz band Auction

39 Clause 8.3.4

Page 117, Para (a) is revised and may be read as:

- (a) That the Nominator has authorised the Group Bidding Entity to bid for Spectrum Auction in the **2100MHz**, 1800MHz, 900MHz and 800MHz band in compliance with DoT NIA No. **1000/16/2014-W.F. /Auction** on its behalf in the following service areas:

1. _____

2. _____

40 Clause 8.3.5: Format for Ownership Compliance Certificate for the Spectrum Auction in 1800 MHz, 900 MHz and 800 MHz bands

Page 119, Heading to be revised as:

8.3.5 Format for Ownership Compliance Certificate for the Spectrum Auction in 2100MHz, 1800MHz, 900MHz and 800MHz bands Clause 8.3.5

41 Clause 8.3.5

Page 119, Para(a) is revised and may be read as:

- (a) That we have carefully gone through the list of Applicants (“Provisional Bidders”) for the Spectrum Auction in **2100MHz**, 1800MHz, 900MHz and 800MHz band and their Associated Licensees and their ownership details put up on the DoT website.
