

No. 20-271/2010-AS-I-Aircel -3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

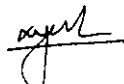
M/s Aircel Limited,
2nd & 3rd Floor, DLF Cyber City Building No. 10-A,
Gurgaon (Haryana)-110070

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/02/2010-NTG dated 11.06.2010 and on the request of the licensee vide letter no. Aircel/WPC/3G/AL/2010 dated 10.08.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Andhra Pradesh and Karnataka** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

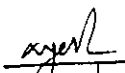
(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


01/03/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-Bharti-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

**M/s Bharti Airtel Ltd.,
Bharati Crescent, 1 Nelson Mandela Road,
Vasant Kunj, Phase-II,
New Delhi-110070**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s). Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. WPC Wing's Letter of Intent (LoI) no. L-14047/06/2010-NTG dated 11.06.2010 and on the request of the licensee vide letter no. nil dated 30.08.2010. the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Andhra Pradesh, Assam, Bihar, Delhi, Himachal Pradesh, Jammu & Kashmir, Karnataka, Mumbai, Tamilnadu (including Chennai service area), Uttar Pradesh (West) and West Bengal** service area(s). with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier. subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the*



licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the

following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.

*(v) **Merger of 3G spectrum blocks:** Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*


*(vi) **Breach, revocation and surrender for 3G Spectrum:** The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the*

Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

*(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."*

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-Bharti-BWA
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

**M/s Bharti Airtel Ltd.,
Bharati Crescent, 1 Nelson Mandela Road,
Vasant Kunj, Phase-II,
New Delhi-110070**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use BWA spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14035/08/2010-BWA/13-15 dated 07.07.2010 and on the request of the licensee vide letter no. Nil dated 31.08.2010, the LICENSOR hereby insert following Condition 23.8 in the UAS licence agreement(s) for the **Karnataka, Kolkata, Maharashtra and Punjab** service area(s), with immediate effect:

"23.8 Use of BWA Spectrum: The licensee is also authorised to use the BWA spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the BWA spectrum i.e. the date of issue of this amendment letter, till the validity of the UAS licence agreement or for a period of 20 years from the date of issue of this amendment letter, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for BWA Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated BWA spectrum block i.e. the date of issue of this amendment letter, for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the BWA Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said BWA Spectrum only, shall be extended to make it coterminous with the validity of the right to use the BWA Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance*



of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

*(ii) **Roll-out obligations for BWA Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for BWA Spectrum for respective category of the licensed service area(s):*

*(a) **Applicable for Metro service area licence(s):** The licensee shall be required to provide required street level coverage using the BWA Spectrum in at least 90% of the service area within five years of the Effective Date.*

*(b) **Applicable for Category A, B and C service area licence(s):** The licensee shall ensure that at least 50% of the rural SDCAs are covered within five years of the Effective Date using the BWA Spectrum. Coverage of a rural SDCA would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage.*

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. the date of issue of this amendment letter.

If the licensee does not achieve its roll out obligations, its BWA spectrum assignment shall be withdrawn.

*(iii) **Licence Fee for BWA Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using BWA spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.*

*(iv) **Spectrum Usage Charges for BWA Spectrum:***

- i) Over and above the 'Radio Spectrum Charges' payable by the licensee as per Condition 18.3 of the UAS licence agreement, the licensee shall also pay 1% of AGR from the services using BWA spectrum as annual spectrum Charge payable Quarterly in advance.*
- ii) The revenue from BWA services shall be reported separately in the 'APPENDIC-II TO ANNEURE-II, Format of Revenue and License Fee' as amended.*

*(v) **Merger of BWA spectrum blocks:** Unless otherwise notified by the Licensor due course, if two or more licensees holding BWA Spectrum blocks in a service area merge, then they shall be allowed to retain only one BWA Spectrum block and shall surrender the remaining BWA Spectrum blocks in that service area.*

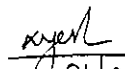
*(vi) **Breach, revocation and surrender for BWA Spectrum:** The BWA spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the*

applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The BWA spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the BWA spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the BWA spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

*(vii) **Applicability of the NIA for BWA Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."*

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


(01/09/2010)
(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-BHL-3G-CMTS
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

M/s Bharti Hexacom Ltd.,
Bharati Crescent, 1 Nelson Mandela Road,
Vasant Kunj, Phase-II,
New Delhi-110070

Subject: Amendment of Cellular Mobile Telephone Service (CMTS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 14(ii) of the CMTS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/06/2010-NTG dated 11.06.2010 and on the request of the licensee vide letter no. Nil dated 30.08.2010, the LICENSOR hereby insert following Condition 24.16 in the CMTS licence agreement(s) for the **North East** service area(s), with effect from **01.09.2010**:

"24.16 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as per the scope of the CMTS license agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the CMTS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as per the scope of the CMTS license agreement, subject to the condition of validity of the CMTS licence agreement. In case the CMTS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the CMTS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the CMTS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the CMTS licence. This does not include authorisation or extension of period of validity of the CMTS license for providing Unified Access Services using wireline and/or spectrum allocated under the provisions of the CMTS licence agreement.*



(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per present provisions of the CMTS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in the CMTS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in this licence agreement:-

Schedule A: Charges for CMTS operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	3
Up to 6.2 MHz	4
Up to 8.2 MHz	5
Up to 10.2 MHz	6
Up to 12.2 MHz	7
Up to 15.2 MHz	8

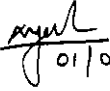
(v) **Merger of 3G spectrum blocks:** Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.

(vi) **Breach, revocation and surrender for 3G Spectrum:** The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the CMTS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the CMTS licence agreement from time to time."

2. All other terms and conditions of the CMTS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. **Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)**
2. **JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)**
3. **Secretary, TRAI**
4. **Director (IT) may kindly arrange to upload this letter on the website of DoT.**

No. 20-271/2010-AS-I-BHL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

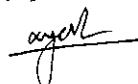
M/s Bharti Hexacom Ltd.,
Bharati Crescent, 1 Nelson Mandela Road,
Vasant Kunj, Phase-II,
New Delhi-110070

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s). Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. WPC Wing's Letter of Intent (LoI) no. L-14047/06/2010-NTG dated 11.06.2010 and on the request of the licensee vide letter no. nil dated 30.08.2010. the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Rajasthan** service area(s). with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

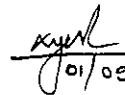
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) Applicability of the NIA for 3G Spectrum: This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/03/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-Dishnet-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

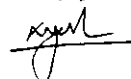
**M/s Dishnet Wireless Ltd.,
Spencer Plaza, 5th Floor,
769, Anna Salai,
Chennai-600002**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/02/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. Aircel/WPC/3G/2010 dated 10.08.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Assam, Bihar, Jammu & Kashmir, Kerala, Kolkata, North East, Orissa, Punjab, Uttar Pradesh (East) and West Bengal** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence.*



This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

*(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):*

*(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.*

*(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:*

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;*
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;*
- iii) the DHQ shall be taken as on the Effective Date;*
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.*

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

*(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.*

*(iv) **Spectrum Usage Charges:***

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the*

following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

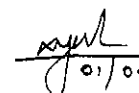
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose*

penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-Idea-3G-CMTS
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

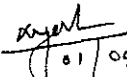
M/s Idea Cellular Ltd.,
1005-6, Kailash Building,
26 K.G. Marg,
New Delhi-110001

Subject: Amendment of Cellular Mobile Telephone Service (CMTS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 14(ii) of the CMTS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/03/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. Nil dated 12.07.10, the LICENSOR hereby insert following Condition 24.16 in the CMTS licence agreement(s) for the **Andhra Pradesh, Gujarat, Haryana, Kerala, Madhya Pradesh, Maharashtra and Uttar Pradesh (West)** service area(s), with effect from 01.09.2010:

"24.16 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as per the scope of the CMTS license agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the CMTS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as per the scope of the CMTS license agreement, subject to the condition of validity of the CMTS licence agreement. In case the CMTS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the CMTS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the CMTS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the CMTS licence. This does not include authorisation or extension of period of validity of the CMTS license for providing Unified Access Services using*


01/09/2010

wireline and/or spectrum allocated under the provisions of the CMTS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per present provisions of the CMTS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in the CMTS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in this licence agreement:-

Schedule A: Charges for CMTS operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	3
Up to 6.2 MHz	4
Up to 8.2 MHz	5
Up to 10.2 MHz	6
Up to 12.2 MHz	7
Up to 15.2 MHz	8

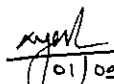
(v) **Merger of 3G spectrum blocks:** Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.

(vi) **Breach, revocation and surrender for 3G Spectrum:** The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the CMTS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the CMTS licence agreement from time to time."

2. All other terms and conditions of the CMTS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


01/02/2010

(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. **Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)**
2. **JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)**
3. **Secretary, TRAI**
4. **Director (IT) may kindly arrange to upload this letter on the website of DoT.**

No. 20-271/2010-AS-I-Idea-3G-CMTS-2001
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

M/s Idea Cellular Ltd.,
1005-6, Kailash Building,
26 K.G. Marg,
New Delhi-110001

Subject: Amendment of Cellular Mobile Telephone Service (CMTS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the CMTS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/03/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. Nil dated 12.07.10, the LICENSOR hereby insert following Condition 24.11 in the CMTS licence agreement(s) for the **Himachal Pradesh and Uttar Pradesh (East)** service area(s), with effect from **01.09.2010**:

"24.11 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as per the scope of the CMTS license agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the CMTS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as per the scope of the CMTS license agreement, subject to the condition of validity of the CMTS licence agreement. In case the CMTS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the CMTS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the CMTS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the CMTS licence. This does not include authorisation or extension of period of validity of the CMTS licence for providing Unified Access Services using*


01/09/2010

wireline and/or spectrum allocated under the provisions of the CMTS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per present provisions of the CMTS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in the CMTS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in this licence agreement:-

Schedule A: Charges for CMTS operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	3
Up to 6.2 MHz	4
Up to 8.2 MHz	5
Up to 10.2 MHz	6
Up to 12.2 MHz	7
Up to 15.2 MHz	8


(v) **Merger of 3G spectrum blocks:** Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.

(vi) **Breach, revocation and surrender for 3G Spectrum:** The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the CMTS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the CMTS licence agreement from time to time."

2. All other terms and conditions of the CMTS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-Idea -3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

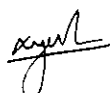
M/s Idea Cellular Ltd.,
1005-6, Kailash Building,
26 K.G. Marg,
New Delhi-110001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/03/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. Nil dated 12.07.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Jammu & Kashmir** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*


(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-RCL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To


**M/s Reliance Communications Ltd.,
14th Floor, Vijaya Building, 17,
Barakhamba Road, Connaught Palace,
New Delhi-110001**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/04/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. RCL/DoT/10-11/4574 dated 16.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Delhi, Jammu & Kashmir, Mumbai, Punjab and Rajasthan** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;

ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;

iii) the DHQ shall be taken as on the Effective Date;

iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*


(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-RTL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

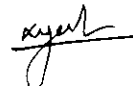
M/s Reliance Telecom Ltd.,
14th Floor, Vijaya Building,
17, Barakhamba Road, Connaught Palace,
New Delhi-110001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/04/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. RTL/DoT/10-11/4573 dated 16.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the Assam, Bihar, Himachal Pradesh, Kolkata, Madhya Pradesh, North East, Orissa and West Bengal service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the*



licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the

following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

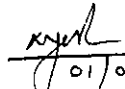
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose*

penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-S Tel-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

M/s S. Tel Private Ltd.,
1st Floor, Tower-B, Unitech Cyber Park,
Sector-39,
Gurgaon (Haryana)-122001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/07/2010-NTG dated 11.06.2010 and on the request of the licensee vide letter no. Nil dated 17.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Bihar, Himachal Pradesh and Orissa** service area(s). with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence.*



This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

*(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):*

*(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.*

*(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:*

i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;

ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;

iii) the DHQ shall be taken as on the Effective Date;

iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

*(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.*

*(iv) **Spectrum Usage Charges:***

i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the

following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

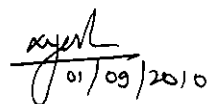
(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving*

notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.



(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-TTML-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

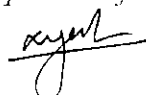
M/s Tata Teleservices (Maharashtra) Ltd.,
2A, Old Ishwar Nagar, Main Mathura Road,
New Delhi-110065

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/08/2010-3G-II dated 11.06.2010 and on the request of the licensee vide letter no. TTSL/DoT(MSC)/10 dated 15.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the Maharashtra service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

(i) Validity period for 3G Spectrum: The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

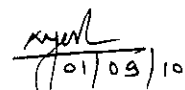
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.



(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
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4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-TTSL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
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1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

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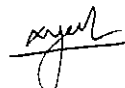
M/s Tata Teleservices Ltd.,
2A, Old Ishwar Nagar, Main Mathura Road,
New Delhi-110065

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/08/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. TTSL/DoT(MSC)/10 dated 15.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Gujarat, Haryana, Karnataka, Kerala, Madhya Pradesh, Punjab, Rajasthan and Uttar Pradesh (West)** service area(s). with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence.*



This does not include authorisation or extension of period of validity of the UAS license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

*(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):*

*(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.*

*(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:*

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- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.*

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

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- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the*

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Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
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ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

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*(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."*

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.

3. Please acknowledge receipt.



(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. **Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)**
2. **JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)**
3. **Secretary, TRAI**
4. **Director (IT) may kindly arrange to upload this letter on the website of DoT.**

No. 20-271/2010-AS-I-VECL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

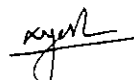
**M/s Vodafone Essar Cellular Limited,
7th Floor, DLF Center, Sansad Marg,
New Delhi-110001**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/13 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Maharashtra** service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

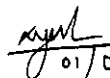
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010
(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

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Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

**M/s Vodafone Essar Digilink Limited,
7th Floor, DLF Center, Sansad Marg,
New Delhi-110001**

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/14 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Haryana and Uttar Pradesh (East)** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.

 01/03/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
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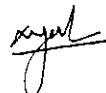
M/s Vodafone Essar East Limited,
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Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. **L-14047/05/2010-3G** dated **11.06.2010** and on the request of the licensee vide letter no. **DoT-VEL/File-7/06-10/16** dated **21.06.2010**, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Kolkata** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
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The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

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(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

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each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


21/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

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3. Secretary, TRAI
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1st September, 2010

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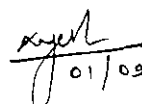
M/s Vodafone Essar Gujarat Limited,
7th Floor, DLF Center, Sansad Marg,
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Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/17 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Gujarat** service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*


01/09/2010

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(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*


(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-VEL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

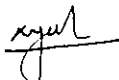
M/s Vodafone Essar Limited,
7th Floor, DLF Center, Sansad Marg,
New Delhi-110001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/11 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Mumbai** service area(s), with effect from **01.09.2010**:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

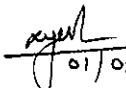
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-VEMSL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

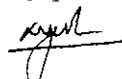
M/s Vodafone Essar Mobile Services Limited,
7th Floor, DLF Center, Sansad Marg,
New Delhi-110001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/12 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **Delhi** service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):

(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.

(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:

- i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;
- ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;
- iii) the DHQ shall be taken as on the Effective Date;
- iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.

(iv) **Spectrum Usage Charges:**

- i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 4.4 MHz	03
Up to 6.2 MHz	04
Up to 8.2 MHz	05
Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

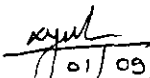
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

*(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."*

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/03/2010

(R. K. Gupta)
Director (AS-I)

For and on behalf of the President of India
Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.

No. 20-271/2010-AS-I-VESL-3G
Government of India
Ministry of Communications & IT
Department of Telecommunications
(Access Services Division)
1203, Sanchar Bhavan, Ashok Road, New Delhi-110001.

1st September, 2010

To

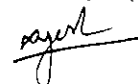
M/s Vodafone Essar South Limited,
7th Floor, DLF Center, Sansad Marg,
New Delhi-110001

Subject: Amendment of Unified Access Services (UAS) Licence Agreement(s) to use 3G spectrum for provision of telecom access services.

In pursuance of Condition 5.1 of the UAS licence agreement(s), Clause 4.6 of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010, WPC Wing's Letter of Intent (LoI) no. L-14047/05/2010-3G dated 11.06.2010 and on the request of the licensee vide letter no. DoT-VEL/File-7/06-10/15 dated 21.06.2010, the LICENSOR hereby insert following Condition 23.7 in the UAS licence agreement(s) for the **West Bengal** service area(s), with effect from 01.09.2010:

"23.7 Use of 3G Spectrum: The licensee is also authorised to use the 3G spectrum block (as earmarked in the above said Letter of Intent) for provisioning of Telecom Access Services as defined in the 'Scope of the licence' in the Schedule Condition 2 of the UAS License agreement, from the date of award of right to commercially use the 3G spectrum i.e.01.09.2010 till the validity of the UAS licence agreement or for a period of 20 years from 01.09.2010, whichever is earlier, subject to compliance of following conditions:

*(i) **Validity period for 3G Spectrum:** The licensee is authorised to use this spectrum for a period of 20 years from the date of award of right to commercially use the allocated 3G spectrum block i.e.01.09.2010 for operation of Telecom Access Services as defined in the 'Scope of the license' in Clause 2, Part 1 General Conditions of the UAS License agreement, subject to the condition of validity of the UAS licence agreement. In case the UAS licence is cancelled/ terminated/ revoked/ surrendered for any reason, the spectrum usage rights shall stand withdrawn forthwith. If the validity period of the UAS licence agreement expires before the expiry of the right to use the 3G Spectrum for 20 years, awarded by means of the said Auction, then the validity of the UAS licence for operation of Unified Access Services by using the said 3G Spectrum only, shall be extended to make it coterminous with the validity of the right to use the 3G Spectrum, without any charges and in such manner as the Licensor deems fit. The extension shall be done on the application of the licensee made 3 months in advance of expiry of the validity period of the UAS licence. This does not include authorisation or extension of period of validity of the UAS*



license for providing Unified Access Services using wireline and/or spectrum allocated under Clause 43 of the UAS licence agreement.

*(ii) **Roll-out obligations for 3G Spectrum:** The Licensee shall ensure compliance of following network roll-out obligations for 3G Spectrum for respective category of the licensed service area(s):*

*(a) **Applicable for Metro service area licence(s):** The licensee to whom the 3G spectrum is assigned shall be required to provide required street level coverage using the 3G Spectrum in at least 90% of the service area within five years of the Effective Date.*

*(b) **Applicable for Category A, B and C service area licence(s):** The licensee to whom the spectrum is assigned shall ensure that at least 50% of the District Headquarters ("DHQ") in the service area will be covered using the 3G Spectrum, out of which at least 15% of the DHQs should be rural Short Distance Charging Areas ("SDCA"), within five years of the Effective Date. SDCA is defined as per the definition used by the Census of India. Rural SDCA is defined as an area where 50% of the population lives in the rural areas. Further:*

i) the operator shall be permitted to cover any other town in a District in lieu of the DHQ;

ii) coverage of a DHQ/ town would mean that at least 90% of the area bounded by the municipal/ local body limits should get the required street level coverage;

iii) the DHQ shall be taken as on the Effective Date;

iv) the choice of DHQs/ towns to be covered and further expansion beyond 50% of DHQs/ towns shall lie with the operator.

The Effective Date shall be the date when the right to use awarded spectrum commercially commences i.e. 01.09.2010. If the licensee does not achieve its roll out obligations, it shall be allowed a further period of one year to do so by making a payment of 2.5% of the Successful Bid Amount (i.e. spectrum acquisition price) per quarter or part thereof as liquidated damages. If the licensee does not complete its roll out obligations even within the extended period of one year, the 3G spectrum assignment shall be withdrawn.

*(iii) **Licence Fee for 3G Spectrum:** Over and above the 'Licence Fees' payable by the licensee as per Condition 18.2 of the UAS licence agreement, the licensee shall also pay the annual licence Fee as share of Adjusted Gross Revenue (AGR) from the services using 3G spectrum as per rates mentioned in Condition 18.2 of the UAS licence agreement. All conditions contained in Part-III Financial Conditions of UAS Licence Agreement will continue to be applicable to the Licensees as amended by government from time to time.*

*(iv) **Spectrum Usage Charges:***

i) Notwithstanding anything contained in clause 18.3 of Part III of the Schedule of this licence agreement, the spectrum charges in accordance with the following tables shall be payable by the licensee on the AGR as defined in clause 19 of Part III of the Schedule of this licence agreement:-

Schedule A: Charges for GSM operators-

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Up to 10.2 MHz	06
Up to 12.2 MHz	07
Up to 15.2 MHz	08

Schedule B: Charges for CDMA operators

Spectrum slab	Annual spectrum charges (as a percentage of AGR)
Up to 5 MHz	03
Up to 6.25 MHz	04
Up to 7.5 MHz	05
Up to 10 MHz	06
Up to 12.5 MHz	07
Up to 15 MHz	08

ii) *It is made clear that while calculating AGR for a limited purpose of levying spectrum charges based on revenue share, revenue from wireline subscriber shall not be taken into account.*

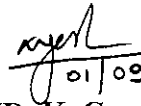
(v) **Merger of 3G spectrum blocks:** *Unless otherwise notified by the Licensor in due course, if two or more licensees holding 3G Spectrum blocks in a service area merge, then they shall be allowed to retain only one 3G Spectrum block and shall surrender the remaining 3G Spectrum blocks in that service area.*

(vi) **Breach, revocation and surrender for 3G Spectrum:** *The 3G spectrum assignment may be revoked, withdrawn, varied or surrendered in accordance with the applicable licence conditions or any other applicable laws, rules, regulations or other statutory provisions. The 3G spectrum assignment may also be revoked if the Licensor determines the user of the spectrum to be in serious breach of any of the conditions of the award of the spectrum (including adherence to the Auction Rules) and the consequent obligations. In case of less serious breaches, the Licensor may impose penalties at its discretion. Seriousness of the breach shall be determined by the Licensor at its sole discretion. The licensee may surrender the 3G spectrum, by giving notice of at least 60 calendar days in advance. In that case, it shall also notify all its customers of consequential withdrawal of service by giving 30 calendar days notice to*

each of them. The licensee shall pay all fees payable by it until the date on which the surrender of the 3G spectrum becomes effective. The effective date of surrender of the spectrum shall be the later of the dates of expiry of the two notices mentioned in this clause. If at any stage, the spectrum allocation is revoked, withdrawn, varied or surrendered, no refund will be made.

(vii) **Applicability of the NIA for 3G Spectrum:** This amendment of the UAS licence agreement is subject to all the terms & conditions of the Notice Inviting Applications (NIA) for "Auction of 3G and BWA Spectrum" vide No. P-11014/13/2008-PP dated 25.02.2010. The licensee shall comply with all the terms & conditions of the above said Notice Inviting Applications (NIA) unless and otherwise amended by the licensor by way of amendment of the UAS licence agreement from time to time."

2. All other terms and conditions of the UAS licence agreement including amendments and instructions issued from time to time shall remain unchanged.
3. Please acknowledge receipt.


01/09/2010

(R. K. Gupta)

Director (AS-I)

For and on behalf of the President of India

Ph.No.2303 6284

Copy To:

1. Administrator USOF/ Wireless Advisor/ Sr.DDG(TEC)
2. JS(T)/ DDG(Security)/ DDG(Security-Term)/ DDG(CS)/ DDG(DS)/ DDG(LF-I)/ DDG(LF-II)/ DDG(WPF)
3. Secretary, TRAI
4. Director (IT) may kindly arrange to upload this letter on the website of DoT.