Agreement

With

Bharat Sanchar Nigam Limited

For

Setting up of

Wi-Fi Hotspots

At 200 GPs as Pilot Project

UNDER

UNIVERSAL SERVICE OBLIGATION FUND

No. 30-186-2/2017-BB-USOF DATED 08.11.2017

GOVERNMENT OF INDIA MINISTRY OF COMMUNICATIONS DEPARTMENT OF TELECOMMUNICATIONS OFFICE OF THE ADMINISTRATOR (USOF) 20, ASHOKA ROAD, NEW DELHI-110 001, INDIA



AGREEMENT

Government of India Department of Telecommunications Universal Service Obligation Fund 20, Ashoka Road, Sanchar Bhawan, New Delhi- 110001

The President of India, acting through the Administrator, Universal Service Obligation Fund (USOF) who for the purpose of this Agreement is being represented by **Sh. Arun Agarwal, DDG, USOF, Department of Telecommunications**, under Government of India and having its office at 2nd Floor, Sanchar Bhawan, 20 Ashoka Road, New Delhi 110001, (hereinafter referred to as the "Administrator", which expression, unless repugnant to the context or meaning thereof, shall include its successors, administrators or assignees;) of the First Party

AND

M/s Bharat Sanchar Nigam Limited a company registered under the companies act 1956, having its registered office at Bharat Sanchar Bhawan, H.C. Mathur Lane, Janpath, New Delhi, acting through **Sh. H. C. Pant, CS & CGM (Legal), BSNL**, the authorized signatory (hereinafter called the Universal Service Provider or "USP" which expression shall, unless repugnant to the context, include its successor in business, administrators, liquidators and assigns or legal representatives) of the second party.

Whereas the Administrator and the USP agreed to enter into an Agreement for setting up **Public Wi-Fi Hotspots at 200 Gram Panchayats using BharatNet backhaul** for providing the internet services over Wi-Fi network on non-discriminatory basis to all users.

NOW THIS AGREEMENT WITNESSES AS FOLLOWS:

1. In consideration of the performance of all the terms and conditions mentioned in this Agreement on the part of the USP, the Administrator does, enter into this Agreement for setting up of Wi-Fi Hotspots at 200 Gram Panchayats.

2. This Agreement will remain valid for 3 years from the effective date unless revoked earlier for any reasons whatsoever.

3. The USP hereby agrees and unequivocally undertakes to fully comply with all terms and conditions stipulated in this agreement without any deviation or reservation of any kind.

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The effective start date of this Agreement shall be 08.11.2017.

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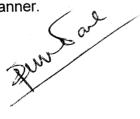
5. **No Partnership**– Nothing in this Agreement shall be construed to constitute a partnership or agency between the Parties and the USP shall not make any assurance, promise or covenant nor shall hold himself out as competent to do so on behalf of the Administrator nor shall pledge the credit of the Administrator for any transaction in relation to this Agreement.

6. **No Employment** – Nothing in this Agreement shall constitute an offer or assurance of employment of any nature whatsoever to the USP or any person employed by or under him for this Agreement.

7. **Indemnify the Administrator**– The USP shall indemnify and at all times keep the Administrator indemnified and harmless against any direct loss to it or any claims by any third person, for any personal injury to anybody or loss to property, movable or immovable, caused by or attributable to any act or omission of the USP or any of his officer, employee, agent or professional etc. while performing or purporting to perform this Agreement.

8. **Waiver** – Neither the failure of either Party to insist on any occasion upon the performance of the provisions of this Agreement nor time or other indulgence granted by a Party to the other Party shall be treated or deemed as waiver of such breach or acceptance of any variation or the relinquishment of any such right thereunder. Waiver by either Party of any default by the other Party in the observance or performance of any provision of this Agreement shall not operate or be construed as a waiver of any other or subsequent default or of other provisions of or obligations under this Agreement nor shall affect the validity or enforceability of this Agreement in any manner.

9. **Severability of Terms** – If for any reason whatsoever, any provision of this Agreement is or becomes invalid, illegal or unenforceable or is declared by any court of competent jurisdiction or any other instrumentality to be invalid, illegal or unenforceable, the validity, legality or enforceability of the remaining provisions shall not be affected in any manner.



IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed through their respective authorized representatives on the 08.11.2017.

Signed for and on behalf of Sanchar Nigam Limited

Pant) c H. C. PANT) CS & CGM (Legal) FCS No.-2584

Bharat Sanchar Nigam Linaited Bharat Sanchar Bhawan Bharat Sanchar Bhawan Iannath Harish Chandra Mathur Lane, Janpath H.C. Mathur Linner Out Mathur Land, or in New Delhi CIN: U74899DL2000GO1107739 Signed for and on behalf of Bharat President of India

(अरुण अग्रवाल) (ARUN AGARWAL)

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Dy. Director General **Universal Service Obligation Fund** Department of Telecommunications Sanchar Bhawan, 20 Ashoka Road New Delhi

Seal with Board Resolution Witnesses: 2/2. Into (N.MEIKANTA MANICKAM OSD to Dir (IFA)

Bharat Sanchar Nigam Limited Regd. Office Bharat Sanchar Bhawan Harish Chandra Mathur Lane, Janpath New Delhi-110001 Website: www.bsnl.co.in CIN: U74899DL2000GOt107739-

SECTION - II

GENERAL CONDITIONS

- 2.1 The Agreement shall be subject to the terms and conditions (including transfer, assignment or franchising) of Internet Service Provider (ISP) /Unified License (UL) as applicable.
- 2.2 The Universal Service Provider (USP) i.e. M/s Bharat Sanchar Nigam Limited shall be bound by the terms and conditions of the Agreement or any other instructions issued from time-to-time by the Administrator. The USP shall always be liable to perform the obligations under this Agreement for Provision of specified Services in Identified areas for which the Agreement has been entered into during the valid period of the Agreement.

2.3 Scope of the Agreement

The objective of the scheme is to provide last mile connectivity leveraging BharatNet infrastructure for providing broadband services in Gram Panchayats (GPs) and villages.

- **2.3.1** USP shall set up Wi-Fi hotspots at 200 Gram Panchayats (GP) using Bharat Net end-points at GPs. The target end-user devices would be Wi-Fi enabled devices like smartphones, tablets and Laptops etc.
- **2.3.2** This project aims to test the robustness and feasibility & commercial viability of the model being deployed by the USP. **2.3.3** USOF shall provide financial support as per the Financial Conditions of the Agreement.
- **2.3.4** The infrastructure created under this project shall be owned by the Bharat Sanchar Nigam Limited.
- **2.3.5** A list of 200 Gram Panchayats for setting up of Wi-Fi hotspots along with the village census code is given at Appendix-I. {Signed appendix to be attached}. Changes, if any, shall be intimated to the Administrator.

2.4 Deliverables

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- 2.4.1 The USP shall be solely responsible for supply, installation, Testing, Commissioning, Operation & Maintenance of all the infrastructure created under the project for setting up of Wi-Fi hotspots in 200 Gram Panchayats (as per Appendix-I), including their associated core network.
- **2.4.2** USP shall provide broadband internet over Wi-Fi on non-discriminatory basis to all the users.
- **2.4.3** USP shall setup 3 Access Points (AP) for each Wi-Fi hotspot, using BharatNet network as backhaul. USP shall provide 10 Mbps internet bandwidth at each hotspot.

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- **2.4.4** The USP shall be solely responsible for provision and operation of necessary equipment and systems, treatment of subscriber complaints, collection of charges and issue of receipts thereof, attending to claims with settlements and damages arising out of his operations.
- **2.4.5** The USP shall replace the faulty & damaged equipment, infrastructure and access points with its own cost for agreement period.
- 2.4.6 The USP shall be responsible for the security of all the infrastructure including hardware, software. USP shall file Police complaints against deliberately defacing of infrastructure including theft and damage. However, USP shall be responsible for the settlement of such cases to ensure the upkeep of Wi-Fi network all the times for the agreement period.
- 2.4.7 After deployment of the project, Impact Assessment by an independent agency shall to be conducted, on sample basis, to ascertain the efficacy and utility of the project which would provide input for further deployment and expansion of Last mile solutions to provide services in GPs and villages. The cost of this assessment shall be borne by USOF/DoT. Framework for impact Assessment is at Annexure-.1

2.5 Timelines

- **2.5.1** The Rollout period for setting up 200 Wi-Fi hotspots shall be six months from the date of signing of the Agreement.
- **2.5.2** The Evaluation/ impact Assessment shall be carried out and submitted to USOF by USP within 6 to 12 months from the signing of the USOF agreement.
- **2.5.3** "On the basis of the evaluation (impact assessment), Administrator, USOF shall decide about the continuance of services beyond OPEX subsidy period by the USP. In the intervening period, the USP shall continue to operate the services".
- **2.5.4** The USP shall provide the month-wise Rollout plan to implement the project within 15 days of signing the agreement.

2.6 Duration of Agreement

2.6.1 The Agreement shall be valid for a period of **03** years from the effective date unless revoked earlier for reasons as specified elsewhere in the document.

2.7 Extension of Agreement

2.7.1. The Administrator may extend, if deemed expedient in public interest, the validity of the Agreement for such period and on such terms as may be

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mutually agreed which shall be reviewed during the last year of the Agreement. The decision of the Administrator shall be final and binding in this regard.

2.7.2. "On expiry of the Agreement period, on the basis of the evaluation (impact assessment), Administrator, USOF, in consultation with BSNL, shall decide the continuance of services at its own cost by the USP"

2.8 Modifications in the Terms and Conditions of Agreement

2.8.1. The Administrator reserves the right to modify at any time the terms and conditions of the agreement, in consultation with the USP, if in the opinion of the Administrator, it is necessary or expedient to do so in the public interest or in the interest of the security of the state or for the proper conduct of the service. The decision of the Administrator shall be final in this regard.

2.9 Requirement to furnish information

2.9.1. The USP shall furnish to the Administrator, on demand, such documents, accounts, estimates, returns, reports or other information as may be called for by the Administrator. The USP shall also submit information to TRAI as per any order or direction or regulation issued from time to time under the provisions of TRAI Act, 1997 as amended, modified or replaced from time to time.

2.10 Suspensions, Revocation or Termination of Agreement.

- **2.10.1.** The Administrator reserves the right to suspend the operation of the Agreement in whole or in part, at any time, if, in the opinion of the Administrator, it is necessary or expedient to do so in the public interest or in the interest of the security of the State. However, the Administrator shall not be responsible for any damage, claim or loss, caused or arising out of such action. The suspension of the Agreement will not be a cause or ground for extension of the period of the Agreement and suspension period will be counted towards period spent under the validity of Agreement.
- **2.10.2.** The Administrator may, without prejudice to any other remedy available for the breach of any conditions of Agreement, by a written notice of 90 calendar days issued to the USP at its registered office, terminate the Agreement under any of the following circumstances:
 - a. Failure to perform any obligation(s) under the Agreement;

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- b. Failing to rectify, within the time prescribed, any defect as may be pointed out by the Administrator.
- c. Going into liquidation or is ordered to be wound up.

Provided that if the respective ISP/ Unified License of the USP, as applicable, is terminated, then this Agreement shall also be deemed to be terminated forth-with.

- **2.10.3.** The Administrator reserves the right to revoke the Agreement at any time in public interest by giving a notice of 60 days, counted from the date of receipt of such notice.
- **2.10.4.** Wherever considered appropriate, Administrator may conduct an inquiry to determine whether there has been any breach in compliance of the terms and conditions of the Agreement by the USP and upon such inquiry the USP shall extend all reasonable facilities and shall endeavor to remove the hindrance of every type.
- **2.10.5.** It shall be the sole responsibility of the USP to maintain the Quality of Service (QoS) as per conditions of the Agreement, during the period of notice of termination of Agreement.

2.11 Actions Pursuant to Termination of Agreement

- **2.11.1**. Wherever the Agreement is terminated prematurely, the Administrator may, at his sole discretion, in order to ensure continuity of Service, enter into an Agreement with another operator for providing broadband services.
- **2.11.2.** If the QoS had not been maintained as per conditions of the Agreement during the notice period, then no subsidy for the notice period shall be payable.
- **2.11.3.** In case of termination of the Agreement before the expiry period, if it is found that the USP had received any payment in excess of the amounts under the Agreement prior to termination, then such amount shall be paid back immediately on demand by the USP to the Administrator.

2.12 Indemnity

2.12.1. The USP shall indemnify the Administrator in respect of any damages, claims, loss or action against Administrator for acts of commission or omission on the part of the USP, its agents or servants.

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2.13 Dispute Settlement

- Except otherwise provided in this Agreement in the event of any question or 2.13.1 interpretation of any clause, disputer or difference or to any other claim, right, matter or thing whatsoever in any way arising out or relating to this agreement whether arose during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be settled by the parties amicably through negotiation within a period of 30 days of the notice by other party, failing which, the dispute shall be referred to the sole arbitrator appointed by the Secretary, Department of Telecommunications, Government of India. The arbitration shall be conducted in accordance with the provisions of the Arbitration & Conciliation Act, 1996 or any statutory modification of re-enactment thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings. The arbitrator shall adjudicate on only such disputes as are referred to him by the appointing authority and give separate award against each dispute and claim referred to him and shall give reasons for the award. The fee payable to arbitrator shall be paid equally by both the parties.
- 2.13.2 The venue of the arbitration proceeding shall be New Delhi.
- **2.13.3** Notwithstanding any dispute or claim of the pendency of any arbitration or other proceedings, USP shall continue to provide the service for the whole duration of the Agreement.

2.14 Force- Majeure

- 2.14.1. If at any time, during the continuance of the Agreement, the performance in whole or in part, by either party, of any obligation under this is prevented or delayed, by reason of war, or hostility, acts of the public enemy, civic commotion, sabotage, Act of State or direction from Statutory Authority, explosion, epidemic, quarantine restriction, strikes and lockouts (not limited to the establishments or facilities of the Universal Service Provider), fire, floods, natural calamities or any act of GOD (hereinafter referred to as EVENT), provided notice of happenings of any such EVENT is given by the affected party to the other, within 10 Calendar days from the date of occurrence thereof, neither party shall, by reason of such event, be entitled to terminate the Agreement, nor shall either party have any such claims for damages against the other, in respect of such non-performance or delay in performance. Provided SERVICE under the Agreement shall be resumed as soon as practicable, after such EVENT comes to an end or ceases to exist.
- **2.14.2.** The decision of the Administrator as to whether the service may be so resumed (and the time frame within which the service may be resumed) or not, shall be final, binding and conclusive.

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- 2.14.3. However, the Force Majeure events noted above will not in any way cause extension in the period of the Agreement.
- 2.14.4. It is understood and declared that any strike, lock out or labour dispute or unrest only in the undertaking of the USP or the reasonable harshness of the nature due to the terrain or difficulties arising from remoteness of the area or insufficiency of funds will not be treated as an EVENT.

2.15 Set off Clause

- 2.15.1 In the event any sum of money or claim becomes recoverable from or payable by the USP to the Administrator either against the Agreement or otherwise in any manner, such money or claim can be (without restricting any right of set off for counter claim given or employed by law) deducted or adjusted against any amount or sum of money then due or which at any time thereafter may become due to the USP under this Agreement or any other Agreement or Contract between the Administrator and the USP.
- 2.15.2. After exercising the right of set off, a notice shall always be given immediately within seven days by the Administrator to the USP.

2.16 Other Obligations

- **2.16.1.** The USP shall be bound by the terms and conditions of the Agreement as well as by such orders/directions/regulations of TRAI as per provisions of the TRAI Act, 1997, as amended from time to time, and instructions as are issued by the Administrator.
- **2.16.2.** The Order, Regulation or Rules made under Indian Telegraph Act 1885 including Indian Telegraph (Amendment) Act, 2003 and Indian Wireless Telegraphy Act, 1933 shall be binding on the USP.

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SECTION-III

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COMMERCIAL CONDITIONS

- **3.1** Transfer, Assignment or Franchising of the Agreement, entered into, shall be subject to relevant conditions of the ISP License/ Unified Licenses, as applicable.
- **3.2** The USP shall work within the framework of the Technical conditions of the ISP License/Unified License, as applicable.
- **3.3** The USP shall provide Wi-Fi broadband connectivity on non- discriminatory basis.
- **3.4** The pilot would be conducted by BSNL themselves or by selection of a partner. In case BSNL decides to conduct the pilot through a partner, the selection of such a partner for pilot would be done by BSNL as per their internal procedures and any further approval of DOT/USOF in this regard is not required.
- **3.5** Services to the citizens shall be provided without levying any charges for SIX months, which will be reviewed afterwards.
- **3.6** The USP shall not charge tariffs higher than the tariff as per TRAI Orders / Regulations / Directions issued with regard to such service in rural areas from time to time from the customers / users for the service, or the tariff charged by the USP for this type/similar type of service in urban areas, whichever is lower. USP shall submit a self-certification to this effect on quarterly basis.
- **3.7** Liability/risk of default/misuse/misappropriation of broadband connectivity provided under the Agreement will be the responsibility of the USP.
- **3.8** The USP shall give wide publicity to the USOF scheme by way of appropriate marketing tools such as media advertisements, road-shows, banners, display boards, etc. at no additional support from USOF.
- **3.9** The USP shall provide single window interface to the customer for all pre as well as post connection activities such as booking, provisioning and handling the complaint.
- **3.10** The USP shall be solely responsible for and shall provide all the necessary installation and after sales services for the Wi-Fi equipment, infrastructure, access points and any other computing devices, if provided, to the satisfaction of the customer.
- **3.11** The USP shall maintain a Master database of broadband connections provided under the Agreement.

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SECTION-IV

TECHNICAL CONDITIONS

- **4.1** The USP shall work within the framework of the Technical conditions of the ISP License/Unified License, as applicable.
- **4.2** All the network elements/nodes, including subscriber terminals deployed in the network, should be based on open standards issued by an internationally accredited agency with respect to ITU/ETSI/TEC or any other international standardization body as may be approved by the Government.
- **4.3** The technology should be supported by obsolescence management plan through options like scaling up or migration management.
- 4.4 The USP shall ensure to provide :
 - i. Supply, Installation, Testing, Commissioning, Operations & Maintenance of Wi-Fi equipment, infrastructure and access points at GPs.
 - ii. Three Wi-Fi Access Points shall be setup in each GP.
 - iii. At each GP, 10 Mbps backhaul internet bandwidth will be provisioned.
 - iv. AAA Server (Authentication with User ID /Passwords), Gateway required for Internet Billing, ISP licenses, customer invoicing.
 - All equipment in the Wi-Fi network shall be manageable from Network Management System (NMS) with web-based access of NOC/NMS to USOF/DoT representatives authorized by the Administrator.
 - vi. Necessary Operations Support System, (OSS) and Business Support System (BSS)
 - vii. Public Grievance redressal mechanism
 - viii. Power backup with the UPS for two hours.
- **4.5** Throughput of each of the broadband connection, provided under the Agreement, shall be at least 1 Mbps.
- **4.6** The broadband infrastructure provided shall have the capability to deliver broadband services, i.e., data, voice and video services.

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- The infrastructure shall have the capability to support applications like Internet 4.7 browsing, Voice over IP, Multimedia, Video conferencing, E-learning, E-Telemedicine, E-governance, etc.
- The USP shall ensure the Quality of Service Parameters for the Wi-Fi 4.8 broadband connections, provided under the Agreement, within the framework of the Quality of Service Conditions of the ISP License/Unified License and related TRAI regulations, as applicable.
- The USP shall make arrangements for periodical testing of infrastructure. 4.9
- The USP shall make arrangements for efficient running of the services at the 4.10 Wi-Fi Hotspots by ensuring availability of spares and service/maintenance contracts.
- The USP shall make arrangement for hassle free reporting / booking faulty 4.11 broadband connections and Public Grievance redressal mechanism.
- The USP shall be responsive to the complaints lodged by the users of 4.12 broadband connections. They shall rectify the deficiencies and maintain the history sheets for each installation, statistics and analysis on the overall maintenance status.
- The USP shall keep a record of faults, rectification reports and other related 4.13 details in respect of the services, rendered to the users of the broadband connections, which will be produced before the ADMINISTRATOR or TRAI as and when and in whatever form desired.
- The USP shall maintain a record of performance of Wi-Fi Hotspots and 4.14 broadband connections for monitoring.
- The ADMINISTRATOR or TRAI may carry out performance tests, either 4.15 directly by them or through their authorized designated monitoring agency, and/or evaluate the QoS parameters for the Wi-Fi and associated broadband infrastructure and services at any time during the validity period of the AGREEMENT. The USP shall provide ingress and other support including documents, instruments, equipment etc., for carrying out such performance tests and evaluation of Quality of Service parameters.
- If the QoS of the broadband connections are not met, as specified, during the 4.16 period of the Agreement, Administrator may take necessary action and issue notice(s) to the USP to improve the QoS, as per specifications, within the stipulated time period, failing which, the decision of the Administrator shall be - Pur Cal final in this regard.

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- **4.17** USP shall maintain the Wi-Fi network uptime of 99.99%. The Administrator reserves right to impose the penalty with site-wise pro-rata deduction in total Opex subsidy payable amount on USP against non-compliance of network uptime of 99.99%. However, BharatNet downtime and circumstances of Force Majeure shall be taken into account in calculating overall Wi-Fi network uptime and penalty shall not be levied on such time.
- **4.18** A detailed REPORT of Wi-Fi network uptime, utilization, QoS and fault occurred/resolved to be shared with the Administrator on monthly basis.

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SECTION-V

OPERATING CONDITIONS

5.1 Customer Service

The USP shall supply, install, integrate, commission, operate and maintain the Wi-Fi equipment, infrastructure and Access points. USP to maintain the Network KPI & SLAs as mutually agreed with Administrator. The terms and conditions of the ISP License/Unified License Agreement, as applicable, in this regard shall prevail and shall be binding mutatis mutandis.

5.2 Right to inspect, Test and Monitor

- **5.2.1** The Administrator or his authorized representative or Designated Monitoring Agency (DMA) by the Administrator shall have the right to inspect the sites, used for extending the Service and in particular, but not limited to access to Network, junctions, terminating interfaces, hardware/software, memories of semiconductor, magnetic and optical varieties, wired or wireless system, distribution frames, LAN Switches, Routers, other electronics etc., and conduct the performance test including entering into dialogue with the system through Input/output devices or terminals. The USP will provide the necessary facilities at its own cost for monitoring of the system, as required by the Administrator or its authorized representative(s) or DMA. The Inspection will ordinarily be carried out after reasonable notice except in circumstances where giving such a notice will defeat the very purpose of the inspection.
- **5.2.2** Wherever considered appropriate Administrator may conduct any inquiry, either suo-moto or on a complaint, to determine whether there has been any breach in compliance of terms & conditions of the Agreement by the USP, and during such inquiry, the USP shall extend all reasonable facilities without any hindrance.

5.3 Roll Out Period

As per Para 2.5 of this Agreement.

5.4 Confidentiality of information

The terms and conditions of the ISP License / Unified License, as applicable, shall be binding mutatis mutandis.

5.5 **Prohibition of certain Activities by the USP**

The terms and conditions of the ISP License/ Unified License, as applicable, shall be binding mutatis mutandis.

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5.6 **Security Conditions**

The terms and conditions of the ISP License/ Unified License, as applicable, shall be binding mutatis mutandis.

- 5.6.1 Mandatory Licensing requirements, policy guidelines, etc., with regards to security related concerns issued by the Government of India from time-to-time shall be strictly followed.
- 5.6.2 If the USP or any other entity associated with the project is found indulging in acts inimical to India's national security, the agreement is liable to be terminated and matter will be reported to concerned authorities for suitable legal/criminal action.

5.7 **Application of Indian Telegraph Act**

The terms and conditions of the ISP License / Unified License, as applicable, with regard to applicability of Indian Telegraph Act 1885, and rules famed there-under, shall be binding mutatis mutandis

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SECTION-VI

FINANCIAL CONDITIONS

Subsidy for Universal Service Obligation 6.1

- 6.1.1 USOF would fund the entire Capital Expenditure (CAPEX) incurred for setting up 'Wi-Fi Hotspots' at 200 GPs and the CAPEX subsidy shall be payable on successful installation and commissioning of 'Wi-Fi Hotspots' in 200 GPs.
- 6.1.2 USOF would also fund the entire OPEX incurred for operation & maintenance for one year. The extension of subsidy support from USOF beyond one year shall be based on the findings of the independent evaluation/impact assessment study of the efficacy & utility of the technology & commercial model deployed by the USP.
- 6.1.3 Details of estimated capital expenditure (CAPEX) and operating expenditure (OPEX) to enable Wi-Fi Hotspots at 200 GPs are as given below:

S.No.	Item	Estimated	Cost for
	· · · · ·	200 sites	
1.	Capex w/o centage		9.00
2.	Opex per year w/o centage		2.25
3.	Opex Bandwidth		2.64
0.	Charges (10 Mbps)		
4.	PMC/Centage (10% of		1.11
	S. No. 1 & 2)		
	Total		15.00

*All figures are in Rs. Crore

6.1.4 USP shall inform the actual CAPEX and OPEX incurred in setting up 'Wi-Fi Hotspots', including the applicable taxes and which shall be taken into account in final adjustment & settlement of claims of USP.. USP has to ensure deliverables as prescribed by USOF/DoT in this Agreement.

Schedule for Disbursement of subsidy : 6.2

- 6.2.1 Release of CAPEX subsidy shall be contingent upon physical progress submitted by USP in the prescribed format for 'Monthly statement of commissioning, traffic & revenue', namely Annexure - 3 and utilization of funds made available to USP as per the schedule given below:
- First installment of 50% of the Capex subsidy shall be payable as 6.2.1.1 mobilization advance for each Wi-Fi hotspot in a circle, subject to pur al

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submission of Claim statement by USP and would be adjusted against Capex payable.

- 6.2.1.2 Second installment of 40% of the Capex subsidy shall be payable for each Wi-Fi hotspot in a circle on commissioning of 50% of physical target for a circle, subject to utilization of the mobilization advance for the stipulated purpose and submission of Claim statement by USP.
- 6.2.1.3 Last installment of 10% of the Capex subsidy shall be payable for each Wi-Fi hotspot in a circle on 100% commissioning of physical target for a circle, subject to utilization of the mobilization advance and second installment for the stipulated purpose and submission of the circle-wise work done certificate (s).
- 6.2.2 Project Management Charges/Centage equivalent to 10% of the Capex claimed & payable shall be payable to USP on 100% commissioning of the physical target for a circle, subject to submission of Claim statement by USP.
- 6.2.3 Circle-wise subsidy for OPEX for each commissioned site (Wi-Fi hotspot) along with the 10% centage shall be payable in accordance with Clause 6.1.2 and 6.1.3 of the Agreement and on equated quarterly instalments to USP, subject to submission of Claim statement.
- 6.3 USP shall not receive any financial support for the same purpose, from other sources like State Governments or independent investors etc.
- 6.4 USP shall submit the quarterly claim for subsidy for CAPEX and OPEX, with each quarter ending on 30th of June, 30th of September, 31st of December and 31st of March, along with the supporting documents within 30 days of the end of quarter to the respective CCAs, the authorized representative of USOF, for settlement & disbursement of subsidy in each Circle viz. Office of Controller of Communication Accounts (CCA) The claim for a part of the quarter will be computed with reference to the actual number of days in that quarter. Each quarterly subsidy claim shall be disbursed generally within 30 days of receipt of a valid claim by USP .: Following supporting documents shall be submitted along with the prescribed Affidavit for Claim Statement for a quarter and thus are integral part of the subsidy claim:
 - (a) The claim shall be duly certified as per **Annexure-6** by a representative of the USP duly authorized by a board resolution of the USP.
 - (b) All claims for subsidy shall be accompanied by a pre-receipted bill with revenue stamp.
 - In addition to the hard copy, the USP should also submit the claim in (C) authenticated soft copy in verifiable format also ... purson

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- (d) Monthly statement of commissioning, traffic & revenue, as per Annexure-3 and monthly statement for continuation of the services status as per Annexure- 4.
- (e) Self-Certificate as per Annexure-5.

6.5 Liquidated Damages:

- **6.5.1** For the Wi-Fi Hotspots, not provided as per the Rollout period, without prior written concurrence of the Administrator, the delayed period shall entail recovery of Liquidated Damages (L.D.), at the rate of 2.5% of CAPEX subsidy payable amount for a Wi-Fi hotspot for each calendar month of delay in commissioning or part thereof, subject to a maximum of 10%.
- **6.5.2** The Administrator may decide to invite other eligible service provider in respect of unfulfilled roll out at the rate as stated in the Agreement.
- **6.5.3** The Roll-out period may be extended, if deemed fit, by the Administrator under exceptional circumstances.

6.6 Maintenance of Records.

- **6.6.1** The USP will draw, keep and furnish accounts for the connections/users for which the Agreement has been entered into and it shall fully comply with Orders, Directions or Regulations, as may be issued from time to time, by the ADMINISTRATOR.
- **6.6.2** The records of the USP shall be subject to such scrutiny as may be prescribed by the Administrator so as to facilitate independent verification of the Subsidy claimed and paid.
 - (a) The ADMINISTRATOR or its authorized representative, as the case may be, shall have the right to call for, and the USP shall be obliged to maintain, supply and provide for examination the books of accounts and records of faults. The USP shall also be required to provide access to its systems and supply and provide for examination any other records that it maintains in respect of the business carried on to provide the Service(s) under this Agreement at any time.
 - (b) The USP shall invariably preserve all accounting and financial records and other records (electronic as well as hard copy) for a period of THREE years from the date of publishing of duly audited & approved Accounts of the company and any dereliction thereof shall be treated as a material breach independent of any other breach, sufficient to give a cause for cancellation of the AGREEMENT.

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- **6.6.3** The subsidy for a quarter shall be paid after making adjustments, if any for the payments made in the previous quarter(s)/Financial Year(s).
- **6.6.4** Final adjustment if any in r/o excess and shortage in the subsidy disbursed shall be made in the following year(s) based on the quarterly statements of claim duly certified by the Auditors of USP circle wise.
- **6.6.5** In case USP is found to have claimed and received in excess of 10% of the subsidy due to them, the entire amount in excess shall be recovered along with the interest from the date of disbursement at the prime lending rate (PLR) of State Bank of India prevalent on the day the disbursement was made. The interest shall be compounded monthly and a part of the month shall be reckoned as a full month for the purposes of calculation of interest (Month for this purpose shall be taken as an English calendar month). No further subsidy shall be disbursed until final adjustment of the excess payment.
- **6.6.6** The circle-wise subsidy claims for each year shall be required to be audited by the Auditors of USP appointed under **Section 139 of the Companies Act 2013.** The reports of the Auditors submitted by USP should be in prescribed form given in **Annexure 2**, to be filed with the concerned CCA within 7 (Seven) calendar days of the date of signing the audit report but not later than 30th September of the following year. Concerned CCAs shall issue Auditor Certificate(s) based on the Auditor Report(s) submitted by USP.

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SECTION-VII

DEFINITIONS

7.1 INTERPRETATION OF TERMS/ DEFINITIONS

Unless the context otherwise requires, the different terms and expressions used shall have the meaning assigned to them in the following paragraphs:

- 7.2 **ADMINISTRATOR** means the Administrator, Universal Service Obligation Fund in the Department of Telecommunications under Ministry of Communications.
- 7.3 **AGREEMENT** means this Agreement.
- 7.4 **EFFECTIVE DATE** is the date on which this Agreement comes into effect.
- 7.5 **GOVERNMENT INSTITUTE** means institutes wholly maintained out of State funds.
- 7.6 **INDIVIDUAL** means all such users other than Government institutes, such as individual households, private commercial/ non-commercial establishments, etc.
- 7.7 **ISP** means the Internet Service Provider
- 7.8 **LICENCE** means a License, granted or having effect as if granted under section 4 of the Indian Telegraph Act, 1885 and Indian Wireless Act, 1933.
- 7.9 **LICENSEE** means a licensee who has been awarded License to provide the service (Basic and/ or unified Access Service), within the geographical boundaries of the specified Service Area under the Indian Telegraph Act, 1885.
- 7.10 **QUALITY OF SERVICE (QoS)** is evaluated on the basis of TRAI Regulation applicable for the services provisioned. as prescribed by TRAI.
- 7.11 **SERVICE AREA** means the territorial jurisdiction as specified under the ISP License except the areas that may be notified to be excluded from time to time.
- 7.12 **SUBSIDY** means the disbursements made from USOF towards meeting the universal service obligations in terms of this Agreement.

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- 7.13 **TRAI** means Telecom Regulatory Authority of India constituted under the TRAI Act, 1997 as amended from time to time.
- 7.14 UNIVERSAL SERVICE PROVIDER (USP) means such entities like CMTS/UASL/UL/ISP Licensees, which have entered into an Agreement with the Administrator for provision of specified Universal Service.
- 7.15 **USO** means Universal Service Obligation, as enunciated in Indian Telegraph (Amendment) Act, 2003, and the Rules framed there under.
- 7.16 **USOF** means the Universal Service Obligation Fund, established under Indian Telegraph (Amendment) Act, 2003 and Rules framed there-under

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FRAMEWORK OF IMPACT ASSESSMENT

- Impact study should be based on assessment of at least 25 Wi-Fi hotspots to be i. selected at diverse locations spread over different States.
- The report shall include : ii.
 - (i) **Technical Parameters :**
 - Backhaul Bandwidth Provided. a)
 - b) Coverage area of Access Point.
 - c) Average Download speed achieved.
 - d) Average Upload speed achieved.
 - e) Peak Download speed achieved.
 - Peak Upload speed achieved. f)
 - g) Number of Average Concurrent users/AP.
 - Number of Peak Concurrent users/AP. h)
 - Number of users at each GP and Total number of users. i)
 - Scaleability of the solution especially from management/controller point of (ii) view.
 - Assessment of Quality of Service (QoS), Downtime. (iii)
 - Assessment of support infrastructure (building, power, security) etc. (iv)
 - Analysis of the applications used/preferred by users and recommend the (v) type of applications to be provided.
 - (vi) Assess the viability & sustainability of the model and determine the revenue potential & the optimum business model for O&M and assess the additional fund requirement and the period of further fund support..
 - (vii) Investigate the related regulatory & policy issues etc.
 - (viii) Social impact (through Questionnaire to users).
 - Any other technical/commercial inputs with regard to feasibility & viability. (ix)

Detailed analysis based on the results and recommendations on provision (X) Pur Sore of such services in rural areas.

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FORMAT FOR AUDITOR'S REPORT ON STATEMENT OF CLAIM FOR SUBSIDY FROM USOF

То

The Board of Directors

We have examined the attached Statement(s) of claim for subsidy from USO Fund of (The name of the Universal Service Provider) for the quarter(s) ending------ We understand that the aforesaid statement(s) is /are to be furnished to the Central Government for assessment of the subsidy payable to the Universal Service Provider by the Government, in terms of the Agreement No. ______ dated _____ for Subsidy Disbursement for setting up & operating Public 'Wi-Fi Hotspots' at GPs, using BharatNet backhaul, in the country.

We report that:

1. We have examined all the records and obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.

2. In our opinion and to the best of our knowledge and belief and according to the explanations given to us, the Statements have been prepared in accordance with the conditions contained in the said Agreement and instructions/guidelines issued there under and clarification thereon in this behalf and gives a true and fair view of the subsidy claims and utilized for the period computed on the basis of the terms & conditions of the agreement.

3. In our opinion and to the best of information, record of network uptime & downtime for the hotspot and record of traffic generated and revenue figures is kept in such a manner as to reflect the correct position, for the purpose of claiming subsidy.

(Name and Signature of the Auditor signing)

FOR AND ON BEHALF OF (NAME OF THE AUDITOR FIRM)

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MONTHLY STATEMENT OF COMMISSIONING, TRAFFIC & REVENUE

NAME OF THE USP:

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Name of Circle/State:

A. FOR THE MONTH ENDING:

A REAL	<u>SI.</u> <u>No</u>	Name of GP	Location & census code	Name of District &	Date of Commissioning of the Wi-Fi Hotspot i.e. commencement of	No. of Users accessing	generat Hotspo	traffic ed by the ot during nonth Under fee	Total revenue
2	110	Ċ,		Block	services	Hotspot	free access	based access	earned
$\langle \rangle$									

B. CUMULATIVE:

SI. No.	District	Total Number of Wi-Fi Hotspots to be commissioned as per Agreement (Appendix I)	Number of Hotspots commissioned prior to the current month	Number of Hotspots commissioned during the month	Cumulative Number of Hotspots commissioned
L		SIGNATURE C	OF THE AUTHORIZED S	IGNATORY FOR OR ON	BEHALF OF USP

MONTHLY STATEMENT FOR CONTINUATION OF THE SERVICES STATUS (PERIOD: DD/MM/YYYY TO DD/MM/YYYY) NAME OF THE USP: Name of Circle/State:

This is to certify that the Wi-Fi Hotspots show below has been providing broadband services to the customers during the above stated period. The following parameters are indicative of the same.

SI. No.	Name of GP with commissioned Wi-Fi Hotspot	Location & census code	Total Traffic handled		f Interruption in Services	Total network access Down time	Total network access Up time	Network uptime in %
			Hotspot	From Date (HH-MM- SS)	To Date (HH-MM-SS)	(DD-HH-MM-SS)	(DD-HH-MM-SS)	

Enclosures:

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Link-Status Report: giving details of the total number of times the links failed along with the duration and reasons thereof.
 A detailed note by the Universal Service Provider citing causes for the down time e.g. Backhaul (Media Problem) etc.

SIGNATURE OF THE AUTHORIZED SIGNATORY FOR OR ON BEHALF OF USP

PROFORMA FOR SELF CERTIFICATION BY UNIVERSAL SERVICE PROVIDER

- 1. I, years s/o, d/o Shri, resident of, do solemnly affirm and state as under:
- 3. That as per the Agreement signed with Administrator, USOF vide Agreement No. ______ dated ______ for setting up 'Wi-Fi Hotspots ', the following works have been completed successfully as per the specifications, in the terms and conditions of the Agreement :

A. Location Details

- (i) Location ID
- (ii) Location (Village, census code, GP, Block, District, State)

B. Number of Access Points Provided.

. And and a

C. Details of Hardware/Software

- (i) Make
- (ii) Model
- (iii) Serial No.
- (iv) Software version

(for all equipment separately)

D. Date of Installation

- E. Date of Completion mod Acceptance Testing (A/T)
- F. Date of Commissioning.

G. Technical Parameters :

- (i) Internet Bandwidth provided
- (ii) Coverage area of each AP and Total coverage area.
- H. Enclose Details of A/T Tests and results.

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- 4. That the details of the components mentioned above are true and correct, based on the records of the company, which are available for further verification by the appropriate authorities and that the components have been provided and are functional/ services are being rendered for the period in which they have been shown as installed/commissioned.
- 5. That the components at the infrastructure site shown as installed/ commissioned in the said reporting period have been completed on the dates as shown above and site (hotspot) has been commissioned and services have been commenced from .date_____.
- 6. The contents of the Self Certification are true and correct, no part of it is false and nothing has been concealed there from.

For and on behalf of (Name of the company)

Signature of the authorized signatory of the USP

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ANNEXURE- 6: AFFIDAVIT (ON STAMP PAPER) FORMAT FOR STATEMENT OF SUBSIDY CLAIM

- That the claim pertains to the setting up of Public Wi-Fi Hotspots(sites) at GPs & provisioning of services from Wi-Fi hotspots after the date of entering into the Agreement, for which commissioning self-certificate is submitted as Annexure 5, as per the Agreement and details thereof is as follows
 - a. That a circle-wise subsidy claim for CAPEX without centage of Rs.) is being made for ______ identified sites, as stated in the Appendix I of the Agreement and as per the Agreement. Further it is certified that this claim is based on the actual CAPEX incurred by USP.
 - b. That a circle-wise quarterly subsidy claim for OPEX (excluding bandwidth & carriage charges) along with centage of Rs.) is being made for ______ commissioned sites as per the Agreement. Further it is certified, that this claim is based on the actual OPEX incurred by USP.

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- 3. That the content including of the Attachment A & B to Annexure-6 are true and correct to the best of my knowledge, based on the records of the company, which are available for further verification by the appropriate authorities and that the infrastructure has been commissioned & were functional and Wi-Fi services have been rendered from the site from the date as stated in the respective Annexure 5.
- 4. That any advance claimed and paid to USP for a site shall be adjustable against the amount payable for the site.
- 5. That any subsidy claimed in arrears or in advance shall be utilized for the purpose as stipulated in the Agreement.
- That actual amount of CAPEX and OPEX incurred shall be taken into account in final adjustment & settlement of claims of USP.
- 7. That excess payment or shortage, if any, in the subsidy received shall be adjusted in the following year(s) based on the quarterly statements duly certified by the Auditors of the Company and scrutiny as prescribed by the Administrator.
- 8. The services provided under this Agreement have not been utilized in claiming subsidy under any other Agreement entered into with the Administrator.
- 9. That the sites that have been commissioned under the Agreement are being and would continue to be operated & maintained as per the terms & conditions of the Agreement and the relevant License Agreement.
- 10.1 understand that Administrator or his representative shall have the right to inspect & verify the site and records & systems, during the currency of the Agreement and if any deficiency is observed the subsidy paid to the company shall be recovered forthwith, without prejudice to the right of Administrator to take any other action(s) as deemed fit.

### For and on behalf of USP

# Pullen Signature & Stamp of the authorized signatory of the USP

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| AGREEMENT N<br>I <b>NR</b> | 10                     | DATED      |                                                                        |                                                                                          |       |                                                           | NAME OF                                                        | SERVICE A                                                                                                                           | REA                                                       |
|----------------------------|------------------------|------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------|-----------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| INK                        | <u>SI</u><br><u>No</u> | Name of GP | Location<br>of Site<br>(Vill.,cens<br>us code,<br>District &<br>Block) | Date of<br>Commissioning<br>of the Wi-Fi<br>Hotspot, i.e.<br>commencement<br>of services | Capex | OPEX except<br>bandwidth<br>charges along<br>with centage | Bandwidt<br>h charges<br>for the<br>period<br>from<br>to<br>to | Penalty<br>for<br>interrupti<br>on in<br>services<br>(as per<br>Clause<br>4.16 &<br>Annexur<br>e 4) in<br>the<br>quarter,<br>if any | Total subsidy<br>claimed for the<br>sites<br>commissioned |
|                            |                        | 1          | 2                                                                      | 3                                                                                        | 4     | 5                                                         | 6                                                              | 7                                                                                                                                   | 8 = 4+5+6-7                                               |
|                            |                        |            |                                                                        |                                                                                          |       |                                                           |                                                                |                                                                                                                                     |                                                           |
|                            |                        |            |                                                                        |                                                                                          |       |                                                           |                                                                |                                                                                                                                     |                                                           |

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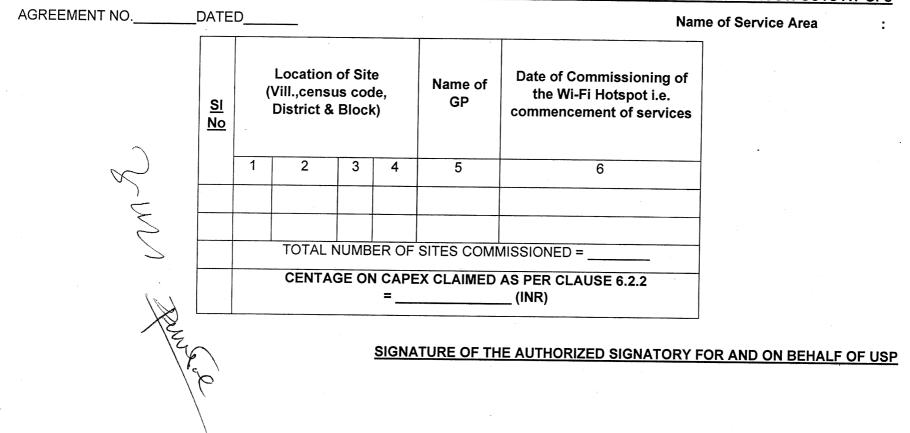
# ATTACHMENT A TO ANNEXURE 6: CAPEX & OPEX CLAIM STATEMENT FOR QE ...... FOR THE PUBLIC WIFI HOSTPSOTS AT GPS

### SIGNATURE OF THE AUTHORIZED SIGNATORY FOR AND ON BEHALF OF USP

a. Rounding off the subsidy to the nearest rupee shall be made only in the total subsidy claimed & Date of Commissioning (Col 3) shall be included while calculating the number of days in a quarter b. Deduction of subsidy shall be on account of non-compliance of the stipulated network uptime. Further, the details of interruption are to be separately provided as per Annexure 4.

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# ATTACHMENT B TO ANNEXURE 6 : CENTAGE ON CAPEX CLAIM STATEMENT FOR QE ... FOR THE PUBLIC WIFI HOSTPSOTS AT GPS

### **APPENDIX-I**

List of 200 Gram Panchayats

To be Attached

|               | V                                      | Vest Zone-Maharast | itra Circie      |
|---------------|----------------------------------------|--------------------|------------------|
| 1             | Amaravati                              | Chandur Riv        | Mandwa           |
| 2.            | Amaravati                              | Chandur Riv        | Diahi Kolhe      |
| 2             | Amaravati                              | Changer Phy        | Dahiqaen Ohawade |
| 4             | Amaravati                              | Chandur Riy        | Sawnga vithoba   |
| 5             | Amaravati                              | Chandur Riv        | Lalkhed          |
| 6             | Amaravati                              | Chandur Riv        | Jalka jagtap     |
|               | Amaravati                              | Chandur Riv        | Dhanora mogal    |
| 8             | Amaravati                              | Chandur Rly        | Kawatha kadu     |
| 9             | Amaravati                              | Chandur Rly        | Malkhed          |
| 10            | Amaravati                              | Chandur Riv        | Chirodi          |
| 11            | Amaravati                              | Chandur Rly        | Manjarkhed       |
| 12            | Amaravati                              | Chandur Riy        | Karla            |
| 13            | Amaravati                              | Chandur Riv        | Pathargaon       |
| 14            | Amaravati                              | Chandur Riy        | Tembhurni        |
| 15            | Amaravati                              | Chandur Riy        | Sawangi magrapur |
| 16            | Amaravati                              | Chandur Riv        | shirajqaon korde |
| 17            | Amaravati                              | Chandur Riv        | Chandurwadi      |
| 8             | Amaravati                              | Chandur Riv        | Amala V          |
| 19            | Amaravati                              | Chandur Riy        | Basalapur        |
| 20            | Amaravati                              | Chandur Riv        | Kohala           |
| 21            | Amaravati                              | Chandur Riy        | GP Block HQ      |
| 2             | Amaravati                              | Chandur Riv        | Kiriawala        |
| 3             | Amaravati                              | Chandur Riy        | Ratura           |
| 4             | Amaravati                              | Chandur Riy        | Ghuikhed         |
| 5             | Amaravati                              | Chandur Riy        | Sawangi Sangam   |
| *<br>6        | Amaravati                              | Chandur Riy        | Bori             |
| 2             | Amaravati                              | Chandur Riy        | Jawra            |
| 8             | Amaravati                              | Chandur Riy        | Titwa            |
| 9             | Amaravati                              | Chandur Rly        | Baggi            |
| 200           | Amaravati                              | Chandur Riv        | Supalwada        |
| <u>v</u><br>1 | Amaravati                              |                    |                  |
| <u>*</u> 2    | ······································ | Chandur Riy        | Manjarkhed       |
| £             | Amaravati                              | Chandur Riv        | <u>Nimqavan</u>  |
| 4             | Amaravati                              | Chandur Riv        | Wai Both         |
| <del>5</del>  | Amaravati                              | Chandur Riv        | Tongalabad       |
|               | Amaravati                              | Chandur Rly        | Nimbha           |
| 6<br>7        | Amaravati                              | Chandur Rly        | Dhotra           |
|               | Amaravati                              | Chandur Riy        | Jawala           |
| 8             | Amaravati                              | Chandur Rly        | Satefal          |
| <u>9</u>      | Amaravati                              | Chandur Riv        | Yerad            |
| 0<br>1        | Amaravati                              | Chandur Riv        | Bhiltek          |
|               | Amaravati                              | Chandur Riv        | Dhanora Mahali   |
| 2             | Amaravati                              | Chandur Riv        | Dhanodi          |
| 3             | Amaravati                              | Chandur Riv        | Sonora           |
| 4             | Amaravati                              | Chandur Riv        | Raina            |
| 5             | Amaravati                              | Chandur Riy        | Kalamdapur       |
| <u>6</u>      | Amaravati                              | Chandur Riy        | Kaimgapan        |
| 2             | Amaravati                              | Chandur Riv        | Sawangi bk       |
| 8             | Amaravati                              | Chandur Rly        | Songaon          |
| 9             | Amaravati                              | Chandur Riy        | Palaskhed        |

List of 200 GPs for execution of pilot project by BSNL to provide Telecom Services by setting up Wi-Fi as last mile connectivity

|                  |       | South Zone-Karnata |                             |
|------------------|-------|--------------------|-----------------------------|
| 1                | Kolar | Bangarapet         | A jothena halli             |
|                  | Kolar | <u>Congarapet</u>  | Selamande                   |
| 3                | Kolar | Bangaraper         | Bernamangala                |
| 4                | Kolar | Bangarapet         | Budikote                    |
| 5                | Kolar | Bangarapet         | <u>Chikka ankandahaliv</u>  |
| 6                | Kolar | Bangarapet         | <u>Desi hali/benganur</u>   |
| 2                | Kolar | Banoarapet         | Doddavalagamadi             |
| 8                | Kolar | Bangarapet         | Doddur karapanahaliy        |
| <u>9</u> :       | Kolar | Bangarapet         | Donimadaqu                  |
| 10               | Kolar | Bangarapet         | <u>Gatta kamadena haliy</u> |
| 11               | Kolar | Bangarapet         | Gatta madamangala           |
| 12               | Kolar | Bangarapet         | Gullahalli                  |
| 13               | Kolar | Bangarapet         | Hullbele                    |
| 14               | Kolar | Bangarapet         | Hulkooru                    |
| 15               | Kolar | Bangarapet         | Hunkunda                    |
| 16               | Kolar | Bangarapet         | Inora hosahall              |
| 17               | Kolar | Bangarapet         | Jakkarasakuppa              |
| 18               | Kolar | Bangarapet         | Kamasamudra                 |
| 19               | Kolar | Bangarapet         | Kammasandra                 |
| 20               | Kolar | Bangarapet         | Kangandlahalli              |
| 21               | Kolar | Bangarapet         | Karahalli                   |
| 22               | Kolar | Bangarapet         | Ketaganahalli               |
| 23               | Kolar | Bangarapet         | Kysamballi                  |
| 24               | Kolar | Bangarapet         | Maqondi                     |
| 25               | Kolar | Bangarapet         | Marikuppam                  |
| 26               | Kolar | Bangarapet         | <u>Mava halli</u>           |
| 27               | Kolar | Bangarapet         | N. <u>q.hulkooru</u>        |
| 28               | Kolar | Bangarapet         | Paranda halli               |
| 29               | Kolar | Bangarapet         | Ramaşaqara                  |
| <u>4 7</u><br>30 | Kolar | Bangarapet         | Soolikunte                  |
| 31               | Kolar | Bangarapet         | Srinivasa sandra            |
| 32<br>32         | Kolar | Bangarapet         | Sundarapalya                |
| 33               | Kolar | Bangarapet         | Tigollahalli                |
| <u>34</u>        | Kolar | Bangarapet         | Thoppanahalli               |
| 35               | Kolar | Bangarapet         | Vengasandra                 |
| 36               | Kolar | Bangarapet         | Yeiesandra                  |
| 37               | Kolar | Kolar              | Ammanallur                  |
| 38               | Kolar | Kolar              | Arabilkothanur              |
| 30<br>39         | •     | Kolar              | Arahalli                    |
| <u>39</u><br>40  | Kolar | Kolar              | Beglinosahalli              |
|                  | Kolar |                    | Belamaranahalli             |
| 41<br>42         | Kolar | Kolar<br>Kolar     | Bellur                      |
|                  | Kolar |                    | Channasandra                |
| 43               | Kolar | Kolar              | Chewdadenahalli             |
| 44               | Kolar | Kolar              | Doodahasala                 |
| 45               | Kolar | Kolar              | Gaddekannur                 |
| 46               | Kolar | Kolar              | Harati                      |
| 47               | Kolar | Kolar              | Halur                       |
| 48               | Kolar | Kolar              | Huttur                      |
| 49               | Kolar | Kolar              | Itharasanahalli             |

List of 200 GPs for execution of pilot project by BSNL to provide Telecom Services by setting up Wi-Fi as last mile connectivity

North Zone-UP East Circle Deokali Adiampor Ghaziput heated Badahia Ghazipar Décirali Dalasari Ghazipar Balasi 4 Ghazipur <u>Deokali</u> Barahpur 5 Ghazipur Deokali Bareput 6 Ghazipur Deokali Basipur un plan <u>Deokali</u> Ghazipur 8 Basupur <u>Deokali</u> Ghazipur q Basuchak Ghazipur Deokali Bhitri taraf batim 10 Deokali Ghazipur Deokali Bisun pura 11 Ghazipur Chhapara 12 Ghazipur Deokali Deokali Chilar 13 Ghazipur Chitora 14 Ghazipur Deokali Dandapur 15 Ghazipur Deokali 16 Deokali Dawasina Ghazipur 17 Ghazipur Deokali Deokalee 18 Ghazipur Deokali Devpur 19 Dhanaipur <u>Ghazipur</u> Deokali 20 <u>Deokali</u> Dharawa Ghazipur Deokali Dhan khurd 21 Ghazipur 22 Ghazipur Deokali Gola 23 Ghazipur <u>Deokali</u> Hakimpur Hathourhi 24 Deokali Ghazipur 25 Jahanpur Ghazipur Deokali 26 Khankah kala Ghazipur Deokalı 27 Ghazipur Deokah <u>Kholanpur</u> Deokali 28 Kishohan <u>Ghazipur</u> 29 Koryadih Ghazipur Deokalı <u>30</u> Deokali Kurban sarai Ghazipur Kusumi khurd <u>31</u> Ghazipur Deokali Mahmud hathini 32 Ghazipur Deokali Mahulia 33 Ghazipur Deokali. 34 Deokali Maniha Ghazipur 35 Maupara <u>Ghazipur</u> Deokali <u>Mirpur tirwah</u> 36 <u>Ghazipur</u> <u>Deokali</u> 37 Ghazipur Deokali Mudarna 38 Ghazipur Deokali Nari pachdewa 39 Ghazipur <u>Deokali</u> <u>Nasara</u> 40 Deokali Ghazipur Pachara 41 Pacharasi Ghazipur Deokali 42 Ghazipur Deokali Paharpur kala Phulwari khurd 43 Ghazipur Deokali 44 Ghazipur Deokali Piparahi Deokali 45 Ghazipur Poota 46 Ghazipur Deokali Rajapur urf alampur 47 Ghazipur Deokalı Rajupur 48 Ghazipur Deokali Rampur bantara Rasulpur pachrasi 49 Ghazipur <u>Deokali</u> 50 Ghazipur Deokali Saichana

List of 200 GPs for execution of pilot project by BSNL to provide Telecom Services by setting up Wi-Fi as last mile connectivity

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|                 |              | East Zone-Bihar       |                                                    |
|-----------------|--------------|-----------------------|----------------------------------------------------|
| 1               | Patna        | Binta                 | Tate hagai                                         |
| 2               | Patna        | Binta                 | $C_{2,1} = (\gamma_1 \alpha_1) (\gamma_2 \beta_1)$ |
| 2               | Patha        | Dinta                 | Six chandpur                                       |
| 4               | Patna        | Binta                 | Raghopur                                           |
| 5               | Patna        | Bihta                 | Machhalpur lai                                     |
| 6               | Patna        | Bihta                 | Kunwa                                              |
| 7               | Patha        | Binta                 | Kounva                                             |
| 8               | Patha        | Binta                 | Kateshar                                           |
| 9               | Patna        | Bihta                 | Ranchanpur, kharaqpu                               |
| 10              | Patha        | Binta                 | Doulatour simm                                     |
| 11              | Patna        | Bihte                 | Davalpur daulatpur                                 |
| 12              | Patna        | Binta                 | Bishunpura                                         |
| 13              | Patna        | Binta                 | Bindaul                                            |
| 14              | Patna        | Binta                 | Bihta                                              |
| 15              | Patna        | Bihta                 | Rela                                               |
| 16              | Patna        | Bihta                 | Anandpur                                           |
| <u>82</u><br>17 | Patna        | Sinta                 | Amhara                                             |
| <u>18</u>       | Patna        | Fatuha                | Usfa                                               |
| <u>19</u>       | Patna        | Fatuha                | Rukun pur                                          |
| 20              | Patna        | Fatuha                | Pitamberput                                        |
| <u>20</u><br>21 | Patna        | Fatuha                | Mohiuddin pur                                      |
| <u>61</u><br>22 | ÷            | Fatuha                | Dumari                                             |
|                 | Patna        | Fatuha                | l Bali                                             |
| 23              | Patna        | Fatuha                | Alawal pur                                         |
| 24              | Patna        |                       | Singhara                                           |
| 25              | Patna        | Maner<br>Manor        | Gvapur                                             |
| 26              | Patna        | Maner<br>Maner        | biyapur                                            |
| 27              | Patna        | Maner                 | Sank                                               |
| 28              | Patna        | <u>Maner</u><br>Maner | Baluwa                                             |
| 29              | Patna        | Maner                 | •                                                  |
| 30              | <u>Saran</u> | • Issuapur            | <u>issuapur</u>                                    |
| 31              | Saran        | Issuapur              | <u>Chhapia</u>                                     |
| 32              | Saran        | lssuapur              | <u>Ata nagar</u>                                   |
| <u>33</u>       | Saran        | lssuapu               | Agothar sundar                                     |
| 34              | Saran        | lahiadpur             | Kisun purlaywar                                    |
| 35              | Saran        | Lahiadpur             | Banpura                                            |
| 36              | Saran        | Mashrakh              | Mashrakh blockho                                   |
| 37              | Saran        | <u>Mashrakh</u>       | Mashrak                                            |
| 38              | Saran        | Mashrakh              | Khajuri                                            |
| 39              | Saran        | Mashrakh              | Kawalpura                                          |
| 40              | Saran        | Mashrakh              | Jajauli                                            |
| 41              | Saran        | Mashrakh              | Durgauli                                           |
| 42              | Saran        | Mashrakh              | Bangra                                             |
| 43              | Saran        | Mashrakh              | Arana                                              |
| 44              | Saran        | Nagra                 | Tujar pur                                          |
| 45              | Saran        | Nagra                 | Nagra                                              |
| 46              | Saran        | Nagra                 | Khaira                                             |
| 47              | Saran        | Nagra                 | Kadipur                                            |
| 48              | Sarah        | Nagra                 | Jaqadishpur                                        |
| 49              | Saran        | Nagra                 | Dumari                                             |
| 50              | Saran        | Nagra                 | Dhupnagar dhobwal                                  |

List of 200 GPs for execution of pilot project by BSNL to provide Telecom Services by setting up Wi-Fi as last mile connectivity

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