UNIVERSAL SERVICE OBLIGATION FUND

AGREEMENT

FOR

"Provision of 4G based mobile services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas in the states of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal."

With

M/s Bharti Airtel Limited

(Tender No. USOF/TENDER/LWE-II/30-164/2020 Dated 11-03-2021 for 4G based mobile services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas.)

No. 30-164/2018-USOF-LWE-II-Implementation (Pt3) Dated: 01.10.2021

GOVERNMENT OF INDIA
MINISTRY OF COMMUNICATIONS
DEPARTMENT OF TELECOMMUNICATIONS
UNIVERSAL SERVICE OBLIGATION FUND(USOF)
20, ASHOKA ROAD, NEW DELHI-110 001, INDIA





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SECTION-I: AGREEMENT

The President of India, acting through the Administrator, Universal Service Obligation Fund (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 Bharti Airtel Limited, a company registered under the Companies Act 1956/2013, having its registered office at Bharti Airtel Limited, Airtel Centre, Plot No.- 16, Udyog Vihar, Phase-IV, Gurugram-122015, India acting through Shri Rahul Vatts, the Authorized Signatory (hereinafter called the Universal Service Provider or "USP" which expression shall, unless repugnant to the context or meaning thereof, shall include its successors, administrators or permitted assignees) of the Second Party.

WHEREAS the Government of India has approved a Project/Scheme for "Provision of 4G based mobile services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas"

AND WHEREAS the USP has agreed to provide 4G based Mobile Services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas (as mentioned in the tender) and the Administrator has, subject to the USP performing all the obligations on their part, agreed to provide subsidy on the terms and conditions hereinafter;

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

In consideration of the mutual covenants set out in this Agreement, the parties agree as follows:

- 1. The USP hereby agrees and undertakes to provide 4G based Mobile Services at MHA identified tower locations in the Left Wing Affected States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal (as per terms and conditions of this Agreement and list of tower locations to be provided with mobile services enclosed at Appendix-1) and the Administrator, in consideration of the USP having agreed to set up and manage the aforesaid mobile service sites, does hereby agree to grant subsidy to the USP, in accordance with this Agreement.
- 2. This Agreement will remain valid for 18 months (rollout period) +Ten years unless revoked earlier for any reason whatsoever. Date of effect of this Agreement shall be the date of signing of the Agreement.

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- 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.
- 4. Unless otherwise mentioned or appearing from the context, the Tender Document No. USOF/TENDER/LWE-II/30-164/2020 issued on 11/03/2021 for 4G based Mobile Services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas and clarifications and amendments/ modifications to the tender document issued shall form part and parcel of this Agreement.
- 5. This Agreement is divided into nine Sections. Apart from the present Section-I, other Sections are as under:
 - II. Scope of the Agreement
 - III General Conditions
 - IV Commercial Conditions
 - V Technical Conditions
 - VI Operating Conditions
 - VII Financial Conditions
 - VIII Special Instructions to the USP
 - IX Interpretation of Terms/Definitions

All the Sections and Annexures together form the Agreement.

- 6. 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.
- 7. 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.
- 8. 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.





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9. Dispute Settlement:

- 9.1 In the event of dispute of difference between the parties hereto, such disputes or differences shall be resolved amicably by mutual consultation within 3 months. If such resolution is not possible, then the unresolved dispute or difference shall be referred to arbitration of the sole arbitrator to be appointed as per mutual consent of both parties within 60 days. The provisions of Arbitration and Conciliation Act, 1996 (No. 26 of 1996) or of any modifications, Rules or re-enactments thereof shall be applicable to the arbitration. The language of arbitration proceedings shall be English. The arbitrator shall make a reasoned award (the "Award"), which shall be final and binding on the parties." The cost of the arbitration shall be shared equally by the parties to the Agreement. However, expensed incurred by each party in connection with the preparation, presentation shall be borne by the party itself.
- 9.2 The venue of the arbitration proceeding shall be at New Delhi.
- 9.3 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.
- 9.4 Pending the submission of and/or decision on a dispute, difference or claim or until the arbitral award is published; the Parties shall continue to perform all of their obligation under this Agreement without prejudice to final adjustment in accordance with such award.
- 9.5 The Agreement shall be exclusively subject to jurisdiction of the courts at New Delhi.
- 10. 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.
- 11. 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.



- 12. This Agreement is covered by the Integrity Pact program and the Integrity Pact, signed by both the parties, is part of this Agreement. IEMs appointed by DoT shall oversee the implementation of Integrity Pact Program. Name and address of IEMs are as below:
 - 1. Shri Arvind Kumar Arora, IDSE

Ex. Director General, MES, Ministry of Defence B-333, Chittaranjan Park

New Delhi - 110019

Email: arvindarora2016@gmail.com

2. Shri Pradeep Kumar Gupta Ex Spl Director General, CPWD IEM, Department of Telecom, T-17, Green Park Extension, New Delhi 110016

E-mail: pradeepkgupta53@gmail.com

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed through their respective authorized representatives on the 1st day of October, 2021.

Signed for and on behalf of

M/s Bharti Airtel Limited

(Rahul Vatts)

Bharti Airtel Limited

Chief Regulatory Officer

Airtel Centre

Plot No. - 16, Udyog Vihar

Phase-IV, Gurugram-122015

Signed for and on behalf of President of India

(Sunil Kumar Sharma)

Director(T-2), USOF

Department of Telecommunications

Sanchar Bhawan, 20 Ashoka Road

New Delhi - 110001

Witnesses:

(Vishal Ambardar)

Bharti Airtel Limited

Airtel Centre

Plot No.- 16, Udyog Vihar

Phase-IV, Gurugram-122015

(Sahil Garg)

DA(F-1), USOF

DoT, Sanchar Bhawa

20, Ashoka Road, New Gelfa 110

SECTION — II: SCOPE OF THE AGREEMENT

2.1. Scope of the Agreement:

- (i) Objective of the scheme is to provide financial support from USO Fund for a period of five years, for Provision of 4G based Mobile Services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas in the States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal.
- (ii) The USP shall set up (i.e. Supply, Install, Test, and Commission), operate, maintain and manage the respective infrastructure sites required for effective provision of 4G based Mobile Services at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas in the States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal. as per the terms and conditions laid down in the Agreement.
- (iii) USOF shall provide financial support as per the financial conditions of the Agreement.
- (iv) In line with the provisions related to Green Telecom in NDCP 18 Policy, the Scheme is designed with alternate power source of Renewable Energy Technologies (RETs) or Diesel Generator.
- (v) USP, at its discretion, may share infrastructure with other Licensed Service Providers, subject to compliance of the guidelines /instructions issued by DoT in this regard. However, there shall be no extra financial support from USOF.

2.2. DELIVERABLES

- (i) Deliverables of the Scheme shall be provision of mobile coverage in specified hitherto uncovered village clusters, as per the terms and conditions of the USOF Tender. It shall include, inter alia, commissioning of infrastructure and continued provision of 4G based mobile at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas in the States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal. in compliance with DoT Licenses and TRAI Regulations, as applicable.
- (ii) USP will be responsible for:
 - a) Carrying out survey to identify the exact sites for installation of tower/eNode-B, and decide the exact number and type of towers to be installed considering the variation allowed in tender document and acquisition of sites for installation of mobile infrastructure;



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- b) Supply, install, test, commission and maintenance of telecom towers on the land provided by respective State Government, for this purpose in the locations as specified in the Tender Document;
- Provision of Electrical connection (where Grid-power is available), Battery & DG of specified capacity and Provision of Renewable Energy connection of specified capacity;
- d) Installation of eNode-B and associated equipment as per specifications given in the Tender Document;
- e) Installation of Antennas and all other associated equipment as per specifications;
- f) Providing Backhaul as per requirement of the tender;
- g) Commissioning of services and providing mobile services consistent with the terms and conditions of the License Agreement signed with DoT;
- h) To maintain the desired quality of service (QoS), as per the TRAI recommendations/ QoS guidelines. (uptime of minimum 98%);
- i) Continued Operation and Maintenance of the Tower and infrastructure created and provision of 4G mobile services compliant with the terms and conditions of the License Agreement signed with DoT, for a period of 18 months (rollout period) + Ten years from the date of effect of agreement with USOF;
- (iii) The USP will have to submit following to USOF:
 - a. A Survey report covering assessment of exact number of towers and type of backhaul to be installed at identified land at each location given in the Appendix-I of the tender document.
 - b. Affidavits from the authorised signatory confirming the commissioning, operation & maintenance of mobile services through each tower towards claiming the subsidy for the individual tower, based on the Representative Rates, along with details of the infrastructure created with cost and specification in the prescribed format in this tender document;
 - c. Quarterly status reports on operation and maintenance of towers confirming that each tower is functional and efficiently providing mobile services consistent with the terms and conditions of the License Agreement signed with DoT/USOF. Traffic volume of each eNode-B should also be reported.
- (iv) If any new tower location is received which is not a part of this tender document, then USP shall be ordered for provision of 4G mobile services in these additional locations. However, total number of sites in respective bidding units (Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal.) shall be within +20% of sites, as per tender.



- (v) After deployment of the project, Social Impact Assessment by an independent agency shall be conducted by USP to ascertain the efficacy and utility of the project and submit a report to USOF which would provide input for further deployment and extension of the project.
- (vi) USOF shall have the right to appoint a TPA. The TPA shall randomly inspect, verify and certify the progress and completion of the work of mobile towers and mobile services on sample basis in each bidding unit. The TPA shall submit its reports to USOF.

2.3. Details of Areas to be Covered:

- (i) The indicative locations (Latitude, Longitude) for each site to be provided with 4G based mobile services is enclosed at **Appendix-1**. The USP, based on field survey, shall determine the location for each site to ensure maximum coverage to security establishment before providing services to the general population in the area, and finalize implementation plan in consultation with USOF
- (ii) The Administrator will have the right to decrease for the sites already covered or increase up to +20% in infrastructure/ eNode-B sites (Tower Locations) as specified in the Annexure-1 in a bidding unit based on the suitable justification provided by USP after carrying out the survey of infrastructure sites without any change in the Representative Rates so arrived at after the bidding process, or other terms and conditions at the time of signing of Agreement.
- 2.4. Details of number of sites in uncovered villages and USOF Subsidy Support are given at Annexure-1.
- 2.5. Installation of tower and associated infrastructure at any given location is not required if it is already covered from any type of technology i.e., 2G or 3G or 4G through any TSP. The same should be duly justified and certified by the USP.
- **2.6.** USOF subsidy will be paid only in respect of the sites where mobile tower with backhaul and associated equipment is installed and commissioned under the Scheme and will be limited to the number of sites finalized and approved by USOF.



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SECTION—III: GENERAL CONDITIONS

- 3.1 This Agreement shall be subject to the terms and conditions (including transfer, assignment or franchising) of CMTS (Cellular Mobile Telephone Services)/ UASL (Unified Access Service Licensees)/ Unified License/ Migration or award of new license in lieu of CMTS/ UASL.
- 3.2 The USP 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 4G based Mobile service at MHA identified tower locations in Left Wing Extremism (LWE-II) affected areas in the States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal for which the Agreement has been entered into during the validity period of the Agreement.
- 3.3 The signing of Agreement will not be treated and taken as grant of fresh License under the Indian Telegraph Act, 1885.
- 3.4 In case USP withdraws from the Scheme after signing of the Agreement, Administrator shall take action as per Exit Clause 7.6 of this Agreement.
- 3.5 The USP represents and warrants to the Administrator that
 - a) It is duly organized and validly incorporated under the laws of India, and has full power and authority to execute and perform its obligations under this Agreement;
 - b) It has taken all necessary corporate and other actions under applicable laws to authorize the execution and delivery of this Agreement and to validly exercise its rights and perform its obligations under this Agreement;
 - c) It has the financial standing and capacity to undertake and perform the obligations in accordance with this Agreement;
 - d) This Agreement constitutes its legally valid and binding obligation, enforceable against it in accordance with the terms hereof, and its obligations under this Agreement will be legally valid, binding and enforceable obligations under it in accordance with the terms hereof;
 - e) The information furnished in the bid and as updated on or before the date of this Agreement is true and accurate in all respects as on the date of this Agreement.
 - f) The execution, delivery and performance of this Agreement will not conflict with, result in the breach of, constitute a default under, or accelerate performance required by, any of the terms of its memorandum and Articles of Association or any Applicable law or any covenant, contract, Agreement, arrangement, understanding, decree or order to which it is a party or by which it or any of its properties or assets is bound or affected.







SECTION-IV: COMMERCIAL CONDITIONS

4.1 This Agreement shall be subject to the terms and conditions (including transfer, assignment or franchising) of CMTS (Cellular Mobile Telephone Services)/ UASL (Unified Access Service Licensees)/ Unified License/ Migration or award of new license in lieu of CMTS/ UASL.

4.2 RESPONSIBILITIES OF THE USP UNDER THE SCHEME

- 4.2.1 The USP would be required to, inter-alia, create the requisite infrastructure for provision of 4G based mobile services covering the following activities:
 - (i) Installation of tower and requisite infrastructure at the identified location.
 - (ii) Supply, install, test, commission and maintain Towers conforming to TEC GRs as specified in Section-V: Technical Conditions of the Tender Document.
 - (iii) Arrange Electrical power connection as specified in Section-V: Technical Conditions from the concerned State Electricity Boards/ Corporations. The rates of electricity will be as per applicable tarrif to be borne by the USP only.
 - (iv) Supply, install, test and commission Renewable Energy Source, Batteries and Engine Alternators (Diesel Generator Sets) as specified in Section-V: Technical Conditions of the Tender Document for providing power backup with changeover arrangements.
 - (v) Execute associated civil and electrical works as per the specifications prescribed in Section-V: Technical Conditions.
 - (vi) Install the eNode-B equipment, antenna and the associated backhaul connectivity to their respective core networks in accordance with the prescribed specifications in Section-V: Technical Conditions.
 - (vii) Provide, operate and maintain the 4G based mobile services from all the sites in the specified locations for a Bidding Unit in accordance with the prescribed specifications in Section-V: Technical Conditions.
 - (viii) Only new equipment and material shall be provided under the Scheme. For this purpose, the new equipment shall be the one which has been procured not earlier than 12 months of submission of bid and has never been used earlier.
 - (ix) Solely responsible for installation, operation & maintenance of necessary equipment & systems, provision of services to the customers, treatment of subscriber complaints, collection of call-charges and issue of receipts thereof, and attending to claims and damages arising out of operations.
 - (x) All other necessary actions to provide the deliverables as specified in Clause 3.2.3.

4.2.2 The infrastructure/ assets so created under this project shall be owned by the respective USPs.

- 4.2.3 USP shall ensure continued provisioning of 4G based mobile services, during the currency of the Agreement, in the identified uncovered villages as per the broad parameters of Agreement.
- 4.2.4 During the Agreement period, cost of change of equipment /spectrum, etc., if any, will have to be borne by the respective Universal Service Provider (USP).
- 4.2.5 Continued Operation and Maintenance of the Tower and infrastructure so created in order to provide 4G based mobile services compliant with the terms and conditions of the License Agreement signed with DoT, after expiry of the Agreement signed with USOF.
- 4.2.6 Infrastructure created and services provided under this project will not be counted towards rollout obligations (as specified under the license conditions) of service providers.
- 4.2.7 (i) Public Procurement guideline issued as per gazette notification dated 29th August 2018 issued by the Department of Telecommunications, titled "Public Procurement (Preference to Make in India) Order 2017- Notification of Telecom Products, Services or Works" and subsequent orders/amendments/references, shall be applicable for this Agreement.
 - (ii) Fundamental principles of public buying' guidelines as mentioned in Rule 144 (xi) of the General Financial Rules (GFRs), 2017, notified by Department of Expenditure, Ministry of Finance vide O.M. No. 6/18/2019-PPD dated 23rd July 2020 shall be applicable to this tender along with relevant references and amendments.
 - (iii) The certificate from the Statutory auditor or Cost auditor of the company giving the percentage of local content and details of the location at which the local value addition is made shall be submitted.
 - (iv) Non-compliance of Public Procurement guideline shall attract the penal provision as mentioned in the Public Procurement (Preference to Make in India) Order 2017 and subsequent orders/amendments/references.
- 4.2.8 Non-discriminatory access to BharatNet infrastructure would be provided, wherever available. However, the implementation of this project should not be linked to the progress of BharatNet.
- 4.2.9 DoT/USOF will consider to refer issues such as security and protection for sites, free RoW for aerial OFC etc. to State Governments, where their intervention is required. However, Roll-out period, imposition of LD and other penalty conditions will not be relaxed, due to delay/inaction on the part of State Government or any other concerned agency.

4.3 INSPECTION AND TESTS

4.3.1 The Administrator or his representative or the agencies authorized shall have the right to inspect and test the created infrastructure and provision of 4G based mobile services as per prescribed test schedules for their conformity to the specifications. Where the Administrator decides to conduct such tests on the infrastructure sites created by USPs, all reasonable facilities and assistance like testing instruments and other test gadgets

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including access to drawings and other details shall be furnished to the authorized agencies at no charge to the Administrator.

- 4.3.2 If any equipment or any part thereof is found defective or fails to fulfil the requirements of the Agreement, USOF shall give notice to the USPs setting forth details of such defects or failure and the USP shall at their own cost make the defective equipment good, or alter the same to make it comply with the requirements of the Agreement forthwith and in any case within a period not exceeding one month of the initial report. These replacements shall be made by the USP free of all charges at site.
- Nothing in Clause 4.3 shall in any way release the USPs from any warranty or other obligations under this contract.

4.4 **CHANGES IN AGREEMENT SIGNED**

The Administrator may, at any time, by a written order given to a USP, make changes within the general scope of the Agreement in any one or more of the following subject to the condition that such changes will not have any major financial implications:

- i. specifications of the Scheme
- the location and number of the towers; or ii.
- The services to be provided by the USP

4.5 **DURATION OF AGREEMENT**

The Agreement shall be valid for a period of 18 Months + Ten years from the date of signing of the Agreement unless revoked earlier for reasons as specified elsewhere in the document. The subsidy support period and subsidy claim & disbursement schedule is as per Section VII: Financial Conditions of this document. USP shall be responsible for operation and maintenance of the created infrastructure and provision of specified services for a period of Ten years from the date of effect of Agreement and also after the expiry of Agreement period, as the telecom service providers under the license conditions are bound to provide services under the license terms.

4.6 **EXTENSION OF AGREEMENT**

The Administrator may extend, if deemed expedient, the validity of Agreement for such period and on such terms as may be mutually agreed.

4.7 MODIFICATIONS IN TERMS AND CONDITIONS OF AGREEMENT

The Administrator reserves the right to modify at any time the terms and conditions of the Agreement signed with the USP, if in the opinion of the Administrator it is necessary or expedient to do so in 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.

4.8 REQUIREMENT TO FURNISH INFORMATION

The USP shall furnish to the Administrator, on demand, such documents, accounts, estimates, returns, reports or any other information as may be called for by the

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Administrator pertaining to the creation of infrastructure and provisioning of 4G based mobile services under the scheme.

4.9 OTHER OBLIGATIONS

- 4.9.1 Universal Service Provider (USP) would have to ensure that it continues to hold a valid telecom license & necessary spectrum, during the currency of the USOF Agreement.
- 4.9.2 USP, at its discretion, may have back-end tie-up with Infrastructure Providers Category-1 (IP-1) registered with the Department of Telecom. However, USOF will enter into Agreement only with universal service provider who will be solely responsible to comply with all the terms and conditions of the tender and to perform all obligations as per the terms and conditions of the tender and USOF Agreement.
- 4.9.3 The provisions of the Indian Telegraph Act, 1885 or the Indian Wireless Telegraphy Act, 1933 as amended or replaced, the rules made and orders passed under these statutes, so far as applicable, shall be binding on the USP.
- 4.9.4 The USP shall be bound by the terms and conditions of the Agreement as well as by such orders/ directions/ regulations of DoT/ TRAI as per provisions of the TRAI Act, 1997 as amended from time to time and instructions/ directions as are issued by the Administrator.
- 4.9.5 The USP shall apply all due diligence in understanding all aspects of the project including the terrain, its remoteness and the possible handicaps, hurdles or reasons for delay and shall have no cause of grievance or abatement on this score.

4.10 TERMINATION OF AGREEMENT

- 4.10.1. 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:
 - (i) Failure to perform any obligation(s) under the Agreement;
 - (ii) Failing to rectify, within the time prescribed, any defect as may be pointed out by the Administrator.
- 4.10.2. The Agreement shall stand terminated forthwith in case the USP goes into liquidation or is ordered to be wound up.
- 4.10.3. Provided that if the respective CMTS/ UASL/UL license is terminated, as the case may be, then the Agreement for setting up and managing Infrastructure sites and provision of mobile services based on this bidding process shall also stand terminated forth-with.
- 4.10.4. 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 endeavour to remove the hindrance of every type.







4.10.5. It shall be the responsibility of the USP to maintain the Quality of Service as per conditions of the Agreement during the period of notice for termination of Agreement; otherwise, this shall be a cause for invocation and forfeiture of PBG.

4.11 ACTIONS PURSUANT TO TERMINATION OF AGREEMENT

- 4.11.1 Wherever the Agreement is terminated prematurely, retendering may be done.
- 4.11.2 If the Quality of Service (QoS) had not been maintained as per standard prescribed hereto during the notice period, then no subsidy for the notice period shall be payable.
- 4.11.3 In case of termination of the Agreement before the expiry period, the prescribed PBG will be encashed and forfeited towards damages. Additionally, 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 by the USP to the Administrator.

4.12 INDEMNITY

Refer clause no. 8 of the section I of this Agreement.

4.13 DISPUTE SETTLEMENT

Refer clause no. 9 of the section I of this Agreement.

4.14 FORCE- MAJEURE

- 4.14.1 If at any time, during the continuance of the Agreements, the performance in whole or in part, by either party, of any obligation 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 USP), 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 claims for damages against the other, in respect of such non-performance or delay in performance. Provided 4G based mobile services under the Agreement shall be resumed as soon as practicable, after such EVENT comes to an end or ceases to exist.
- 4.14.2 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.

4.15 SET OFF CLAUSE

4.15.1 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 implied 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.

- 4.15.2 The aforesaid sum of money payable by the USP shall include any valuable security convertible into money.
- 4.15.3 After exercising the right of set off, a notice shall always be given immediately by the Administrator to the USP.



SECTION – V: TECHNICAL CONDITIONS

5.1 GENERAL

- 5.1.1 The Technical Specifications of the scheme for provision of 4G based mobile services from the infrastructure sites set up in LWE affected areas in the States of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal are explained in the forthcoming clauses.
- 5.1.2 The requirements specified herein are the minimum requirements to be complied. USPs has to expand/ upgrade the eNode-B infrastructure to enhance capacity and advanced services based on the traffic and public requirement. However, support for 4G based voice & data services for mobile phones is mandatory.
- 5.1.3 The USP/successful bidder shall work within the framework of the Technical conditions of the CMTS/ UASL/UL Agreement. The Technical requirements of the scheme shall supplement "General Conditions" as contained in Section-III & "Commercial Conditions" as contained in Section-IV.
- 5.1.4 The USP/successful bidder shall abide by the existing land laws, labour laws, local customs and the best of prevalent latest practices in the Industry.
- 5.1.5 Administrator, USOF shall not be responsible for any breach of such Act(s)/ Law(s) by the executing entities for whatsoever may be the reason.
- 5.1.6 USP/successful bidder shall be solely responsible to set up, operate and maintain the 4G based mobile services in identified areas by installing the following Components:
 - (i) Mobile Tower
 - (ii) eNode-B, BSC equipment (if required)
 - (iii) Associated antennas,
 - (iv) Backhaul connectivity to core networks,
 - (v) Power/RET arrangements and back-up
 - (vi) Other necessary equipment and
 - (vii) Associated civil and electrical works required to provide 4G based mobile services
- 5.2 The summary of number of sites to be commissioned in LWE areas is at Appendix-1.

5.3 MOBILE TOWER

5.3.1 The minimum requirements of Towers and Base Transceiver Station (eNode-B) configurations are given in Table 5.1. USP may deploy the equipment to enhance capacity/capability as per traffic requirement.





Table-5.1

S. No.	Particular	Technical requirement
1	Tower height	40 M GBT
2	Radiating Power	20 W
3	Minimum no. of TRX	1+1+1
4	Antenna	Sectoral antenna with radiating power of 20 Watts per TRXs
5	Minimum Radial Coverage	4 Km
6	Minimum Backhaul bandwidth	VSAT of 4 Mbps and OFC/MW of 15 Mbps
7	Services	Voice, SMS and data

5.3.2 Tower shall conform to Generic Requirements of Telecom Engineering Centre GR No. GR/TWR-11/01.DEC 2004 for 40 M height.

(OR)

Alternatively, tower design shall be as per design approved from an organization like Structural Engineering Research Centre (SERC)/ TEC/ IITs for structural fitness, safety, load bearing capacity, ability to withstand minimum wind speed of 180 Km/hr, after applying various topological factors including allowable soil bearing capacity. Necessary certification from an agency like Structural Engineering Research Centre (SERC)/ TEC/ IITs shall be submitted by USP at the time of testing for Proof of Concept.

- 5.3.3 The towers shall be located at the MHA identified tower locations as specified in Appendix-1 of the Tender Document to provide 4G based mobile services in those areas.
- 5.3.4 The successful bidder shall make their own arrangements to get the further detailed map of the area to be covered or any other data relevant and necessary for planning & engineering of the 4G based mobile services. The USP has to ensure coverage in the villages mentioned against each tower location in the Appendix-1 of the tender document.
- 5.3.5 The USPs are advised to verify non-availability of the coverage in the given location as specified in Clause 2.5 Section-II before installing equipment for which it intends to claim support from Universal Service Obligation Fund. No claims shall be admissible for cases of duplicate/ redundant infrastructure sites/ towers. The coverage at any locationis to be considered for the uncovered village on the date of the survey approval by USOF.
- 5.3.6 SACFA clearance shall be the responsibility of USP.
- 5.3.7 Each tower, including the antenna system and other equipment mounted on the tower shall be strong enough to resist winds with a velocity as indicated in Clause 5.3.2 and to suffer no serious vibrations or torsion, which may deteriorate the network performance. Under operational wind speed, torsion and sway of the structure shall be limited to +/- 0.5 degrees, when carrying full or intermediate complement of antennas.
- 5.3.8 The USP shall be responsible for the safety during transportation, handling and erection of tower and associated equipment.
- 5.3.9 USP may maintain site-wise data centrally for detailed calculations, standards of materials and specification data on the deflection limit of towers and the safety factor used in tower erection, as well as detailed drawings. However, at any time during







inspection testing, physical verification and as instructed by Administrator, USP has to arrange site wise data at tower location.

5.3.10 To conform to Civil Aviation regulations, the towers shall be painted in alternate bands of international orange and international white, terminating with orange at top and the bottom, Height of each band should be not exceed 6 meters and should not be less than 0.5 meters. The correct shade for the international orange corresponds to ISI shade 592 as given in the Indian Standard Institution Publication-colours for ready mixed paint.

5.4 SIGN BOARD

The successful bidder/USP shall provide a signboard of size of at least 1.5 meters \times 1 meter on the tower indicating on it the name of the village, as the case may be, date of installation and name of the IP/USP and that the infrastructure site has been supported by USOF. The letters on the signboards should be bold enough so that the same are clearly visible from a distance of at least 10 meters.

5.5 POWER Requirement

- 5.5.1 Grid Power connectivity is to be provided.
- 5.5.2 For the purpose of backup power calculation, 3 days of battery autonomy has been taken in each site. Following combination of power source is to be provided for all sites.

Type of Energy source	Capacity	
Battery requirement	2300 AH (Valve Regulated Lead Acid type)	
Solar Panel Wattage	10 KW	
DG Set	17 KVA	

- 5.5.3 The USP shall comply to the minimum power arrangement and battery autonomy as per above, however, if required, USP shall install additional power source to meet the uptime requirement as per TRAI guidelines. However, there shall be no extra financial support from USOF.
- 5.5.4 Capacity of the Battery sets shall be planned such that the battery set is not required to be discharged beyond its rated capacity at any time to meet 100% load.
- 5.5.5 The battery shall have Output Voltage (say -48V /-24V) depending on the eNode-B used.
- 5.5.6 Power unit should be complete with CCU, Power distribution, auto switching unit and remote sensors.
- 5.5.7 Power plants are to be compatible with the batteries and are to be equipped with Battery Health Check systems and Remote Monitoring facility.
- 5.5.8 Suitable switching arrangement for inter connection between various items of CCU/SMPS Power Plants, Battery sets and their interconnection in switching cubicle and further power distribution to equipment as required for the ultimate capacity shall be provided.
- 5.5.9 USP may maintain site-wise data centrally for Complete drawings for power plant and battery and information regarding inter-connecting arrangements and layout. However, at any time during inspection testing, physical verification and as instructed







by Administrator, USP has to arrange site wise data at tower location. Maintenance spares including spares for control panel and spare fuses should also be provided at the site.

5.5.10 Integrated Power units supporting above functionalities may also be used.

5.6 eNode-B

- 5.6.1 The eNode-B shall be based on LTE Technology. Minimum service requirements are:
 - Voice Service,
 - SMS
 - Data communication services minimum 512 kbps at cell boundary at 4 KM and for VSAT site data rate may be proportionately available as per backhaul of 4Mbps. The data requirement has been put as the capacity/capability of eNode-B. in some cases, however, due to terrain/geo-climatic conditions etc. data rate may not be feasible, which will be decided on case to case basis.
- 5.6.2 The eNode-B shall be of Outdoor versions and preferably tower mounted.
- 5.6.3 Latest EMF Radiation norms of DoT shall be complied.
- 5.6.4 eNode-B complying to the requirements given in table 5.1 shall be provided.
- 5.6.5 eNode-B shall be capable for Omni and sectored configurations.
- 5.6.6 The sensitivity of the eNode-B shall be better than -124dBm.
- 5.6.7 The Outdoor eNode-B shall be suitable for operation without air-conditioning. Outdoor eNode-B with proper protection with respect to dust, rust and other environmental degrading factors shall be provided. Minimum standard should be IP 66.
- 5.6.8 The eNode-B shall meet the service requirement mentioned in relevant TSTP document(s) issued by DoT for 4G mobile services.

5.7 BACKHAUL CONNECTIVITY

- 5.7.1 Backhaul Technology may be either Microwave or VSAT or Optical Fibre Cable (OFC). BharatNet backhaul should be preferred wherever available.
- 5.7.2 USP is free to provide VSAT backhaul at more than 5% of total sites in a bidding unit wherever other backhaul is not available or feasible. USP has to arrange satellite bandwidth at its own.
- 5.7.3 The sites installed with satellite backhaul should have minimum bandwidth of 4 Mbps and sites installed with microwave/OFC backhaul should have minimum bandwidth of 15 Mbps.
- 5.7.4 Sharing of existing VSAT Hubs is permitted. Setting up new hubs for the project is not mandatory.
- 5.7.5 Radio Modems may be used as backhaul as an alternative to Microwave. If ISM band is used, USP shall ensure secured and interference-free communication and data services meeting QOS requirements specified in this document.







- 5.7.6 The backhaul equipment is the responsibility of the bidder and necessary provisioning of Air Conditioning, if required, to be done by the USP only.
- 5.7.7 In case of availability of other types of backhaul, USP may convert the site from VSAT as per availability of the backhaul within 2 years or later from the date of commissioning.

5.8 COVERAGE SPECIFICATIONS

- 5.8.1 The equipment to be installed shall have adequate RF filtering in the transmitter and receiver to avoid adjacent channel interference to any other system or to any other operator and to meet the receiver sensitivity / specifications of the equipment in the network.
- 5.8.2 Signal levels in the coverage area shall be as per prevalent TRAI regulations on QoS standards.

 Details of the signal coverage actually achieved and number of villages actually covered shall be provided by USP in the Self-certification as per **Annexure-3**

5.9 FIRE ALARM & FIRE EXTINGUISHERS

- 5.9.1 Proper arrangement shall be made for fire detection and fire extinguisher system as per fire safety norms applicable for that location.
- 5.9.2 Fire alarm system is to be provided for each site.

5.10 QUALITY OF SERVICE PARAMETERS

- 5.10.1 The Quality-of-Service Parameters for Mobile Telecommunication Services as prescribed by TRAI shall be complied.
- 5.10.2 The USP shall ensure provision of reliable services to the customers as per the Quality of Service (QoS) prescribed by the TRAI from time to time. The USP shall adhere to such QoS standards and provide timely information as required therein.
- 5.10.3 The Administrator or TRAI may carry out performance tests either directly themselves or through an agency authorised by Administrator, USOF and also evaluate the QoS parameters at any time during the tenure 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.
- 5.10.4 The USP will keep a record of rural connections provided from the eNode-B installed under the scheme and the telecom traffic generated & registered from each site. The USP shall also maintain faults and rectification reports of the eNode-B, Backhaul, Antenna, Battery, Power Plant and other related details in respect of the service rendered which will be produced before the Administrator and/or TRAI as and when and in whatever form desired. The USP shall submit mandatory quarterly and other periodic Network reports to TRAI with a copy to Administrator, USOF.
- 5.10.5 The USP shall be responsive to the complaints lodged by the customers. They shall rectify the deficiencies and maintain the history sheets for each installation, statistics and analysis on the overall maintenance status.
- 5.10.6 Proper arrangement should be made by the USP for reporting/ booking service-related complaints.

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5.11 GENERAL GUIDELINES

- 5.11.1 The power backup of suitable capacity shall be provided to cater to the backup requirements of each site by the USP.
- 5.11.2 Factory Test Certificates are to be provided for items like eNode-B and accessories, Transmission equipment, power equipment and infrastructure provided.
- 5.11.3 Detailed documentation related to periodical maintenance and procedure for faulty part replacement shall be supplied.
- 5.11.4 Logbooks on site maintenance are to be maintained.
- 5.11.5 All types of activities are to be recorded either manually or through system generated log.
- 5.11.6 External Alarms shall be extended to OMC-R.

5.12 CONFORMITY WITH EXISTING LICENSES

USP (Successful CMSPs/ UASL/UL) shall work within the framework of the Technical conditions of CMTS (Cellular Mobile Telephone Services)/ UASL (Unified Access Service Licensees)/ Unified License.

5.13 PROOF OF CONCEPT AND PHYSICAL VERIFICATION

- 5.13.1 USP shall install and offer one site in each bidding unit (Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal) for validation of functional parameters (Proof of Concept) to Testing Agency designated by USOF.
- 5.13.2 The Proof of Concept shall be conducted in accordance with standard test schedule, to be issued by USOF. For other tests such as drive test etc., latest TSTPs issued by DoT will be applicable.
- 5.13.3 Release of subsidy payments will start only after the Proof of Concept is approved.
- 5.13.4 Physical verification for all sites in Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal under the scheme shall be conducted by an Agency to be authorised by the Administrator, USOF, as per Annexure-3.
- 5.13.5 Self-certification shall be furnished by executing entities along with test results, including drive test results for all sites in prescribed format (as at **Annexure-3**).

5.14 Mobile Charging Facility:

Adequate number of Mobile Charging Facilities shall be provided at each location to the users. The equipment shall support charging of at least four mobile phones simultaneously. The facility shall be available on 24x7 basis. Renewable Energy Technology (RET) based mobile charging facility is desirable.







SECTION – VI: OPERATING CONDITIONS

6.1 **CUSTOMER SERVICE**

The terms and conditions of the CMTS or UASL or UL License Agreement, as applicable, shall prevail and shall be binding mutatis mutandis. The same shall also be applicable in case of migration to or award of new license in lieu of the CMTS/ UASL/ UL license.

RIGHT TO INSPECT, TEST AND MONITOR 6.2

- The Administrator or his authorized representative shall have the right to inspect the 6.2.1 infrastructure sites created for providing the 4G based mobile services and also the equipment installed by the USPs at the Infrastructure site so created in particular but not limited to, access to NOC/NMS, backhaul, terminating interfaces, distribution frames etc. and conduct the service performance tests. The USP will provide the necessary facilities at own cost for monitoring of the system, as required by the Administrator or its authorized representative(s). 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.
- 6.2.2 Wherever considered appropriate Administrator may conduct any inquiry either suomotu 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.
- 6.2.3 Online access to Network Operations Centre (NOC)/ Network Management System (NMS) shall be provided to concerned DoT licensed service area authorised by the Administrator. Web based access to NOC/NMS is desirable.

6.3 PROVISIONING OF 4G BASED MOBILE SERVICES

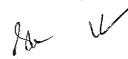
The USP shall ensure that the mobile connections as mentioned in the monthly report have actually been provided in the area being served by the eNode-B installed with the subsidy support from USO Fund. A certificate to this effect is to be provided by the USP in the monthly report in the prescribed pro forma, Annexure-5.

6.4 **UPGRADATION OF EQUIPMENT**

The USP may upgrade the existing equipment by installing new equipment, if required, during the validity of the Agreement provided it meets all other performance parameters of Quality of Service. USP shall not claim any charges for such upgradation.

6.5 **ROLL OUT**

The indicative locations (Latitude, Longitude) for each site (mobile tower) are given at Appendix-1 to the Tender document.



- 6.5.2 USP shall complete the field survey within Six months of date of signing of the agreement to finalize the requirement of infrastructure at sites. USP shall commission & provide 4G based mobile services from all the infrastructure sites in a Bidding Unit within a period of 18 months from the date of signing of the Agreement.
- 6.5.3 The Rollout period may be extended by the Administrator by Six months, if reasons for delay submitted by the implementing USP in a bidding unit are justified.
- 6.5.4 The USP shall provide a monthly statement in the format prescribed in **Annexure-5** giving details of the sites commissioned in the LSA and traffic generated from each site & registered during the month from the sites commissioned respectively.

6.6 LIQUIDATED DAMAGES

- 6.6.1 For the infrastructure sites not commissioned as per the rollout required to be achieved, without prior written concurrence of the Administrator, the delayed period shall entail recovery of liquidated damages (L.D.). Provided further, that for the infrastructure sites that are provided within 30 calendar days of the expiry of the rollout period from the effective date by the USP, the Administrator shall accept the infrastructure site without levy of any L.D. charges.
- 6.6.2 For any shortfall in providing the required number of infrastructure sites and providing the 4G based mobile services (commissioning of eNode-B) after thirty days of the expiry of the Roll-out period as per Clause 6.5, the Administrator shall be entitled to impose and recover Liquidated Damages at the rate of 2% of the Representative Rate per site, as specified in the tender, for those Infrastructure sites for each calendar month of delay or part thereof, subject to maximum of five months delay i.e., max LD shall be 10% of the Representative Rate for each site, beyond a grace of one month as per Clause 6.6.1.
- 6.6.3 For the purpose of charging the Liquidated Damages, the Representative Rate per site, as discovered in the tendering process and as applicable for the respective Bidding Unit, where the relevant roll out obligation of providing 4G based mobile services from Infrastructure/eNode-B sites has not been fulfilled, shall be taken into account.
- 6.6.4 In case, the successful bidder fails to roll out the mobile services(4G) from the infrastructure sites within six months after the expiry of the rollout period, action as per Clause 7.5 of Section VII: Financial Conditions shall be taken and action as per Clause 4.9 and 4.10 of Section-IV: Commercial Conditions of this Tender Document may be taken.

6.7 CONFIDENTIALITY OF INFORMATION

The terms and conditions as to confidentiality of information of the CMTS or UASL or UL Agreement, as the case may be, shall be binding *mutatis mutandis*.

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6.8 PROHIBITION OF CERTAIN ACTIVITIES BY THE UNIVERSAL SERVICE PROVIDER

The terms and conditions as to prohibition of certain activities of the CMTS or UASL or UL Agreement, as the case may be, shall be binding *mutatis mutandis*.

6.9 SECURITY CONDITIONS

The terms and conditions as to security conditions of the CMTS or UASL or UL Agreement, as the case may be, shall be binding mutatis mutandis.

6.10 SECURITY CLAUSE AS PER LATEST GUIDELINES AND REQUIREMENT

- 6.10.1 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.
- 6.10.2 If the entity is found indulging in acts inimical to India's national security, the tender/Agreement is liable to be terminated and matter will be reported to concerned authorities for suitable legal/criminal action.

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SECTION – VII: FINANCIAL CONDITIONS

7.1. SUBSIDY FROM UNIVERSAL SERVICE OBLIGATION FUND

- 7.1.1. Support shall be payable as Representative Rate for each site arrived on the basis of the outcome of the bidding process as per details given in Section-VIII of RFP: Terms of Financial Bid.
- 7.1.2. The Representative Rate (RR) of subsidy support, may vary depending on the bidding unit.
- 7.1.3. The Representative Rate (RR) of subsidy emerging from the bidding process which shall be specified in the Agreement(s) shall be disbursed in Indian Rupees to the USP for the scheme in two parts- Front Loaded Subsidy (FLS) & Equated Quarterly Subsidy (EQS).
- 7.1.4. First part shall be due and payable @ 49% of Representative Rate, as an FLS at the time of successful commissioning of eNode-B and provision of 4G based mobile services from the identified site. Second part of the remaining subsidy (50%), for each site shall be payable in 20 equated quarterly Subsidy (EQS). These EQS shall be payable over a maximum period of 5 years from the date of commissioning of eNode-B i.e., commencement of 4G based mobile services from the sites identified under the Agreement or up to the expiry of the currency of the Agreement, whichever is earlier.
- 7.1.5. The Administrator, USOF shall appoint Third Party Agency (TPA) as per departmental procedure to whom maximum 1% of the Representative rate of subsidy emerging from the bidding process will be paid directly. Further, Equated Quarterly Instalment shall be released after verification by a Third-Party Agency (TPA), unless specified otherwise by Administrator.
- 7.1.6. The FLS & EQS components of the subsidy shall be payable within 30 days from the end of quarter, in which it becomes due. Thus, the USP shall be eligible to claim FLS only at the end of the quarter in which the 4G based mobile services are commissioned/launched from the infrastructure site set up. Similarly, the EQS claim for a quarter can be made by the USP only at the end of that quarter.
- 7.1.7. USOF subsidy will be paid only in respect of the sites where mobile tower with backhaul and associated equipment is installed, commissioned and provision of mobile service(4G) has been made, as per the terms & conditions of the Agreement duly verified by the Agency authorized by Administrator, USOF and will be limited to the number of sites in each Bidding unit, subject to the Variation Clause 3.6 of Section III: General Conditions.







7.2. SCHEDULE FOR DISBURSEMENT OF SUBSIDY

- 7.2.1. The validation/approval of the PoC by USOF as per Clause 5.13 & submission of the same would be a pre-requisite for any release of the subsidy payments. The USP shall be eligible to submit the claim for FLS (49%) within 30 days from the end of quarter in which the 4G based mobile services are commissioned/ launched from the infrastructure site set up. USP shall submit a self-certificate to the respective Controller of Communication Accounts (CCA) office, giving details of the infrastructure site(s), the equipment installed along with system generated reports, traffic reports etc. establishing successful completion/launch of the 4G based mobile services work as per the proforma given in Annexure-3, with a copy to Administrator, USOF.
- 7.2.2. The EQS of remaining 50% subsidy from USOF shall be disbursed by the respective Controller of Communication Accounts (CCA) office in 20 quarterly instalments during each financial year, within 30 days from the end of quarter. The claim for a part of the quarter will be computed with reference to the actual number of days in that quarter. Each instalment shall be disbursed quarterly generally within 30 days of receipt of a valid claim for the services rendered.
- 7.2.3. The USP shall submit the claim for quarterly subsidy in a statement in the prescribed form given in the three Attachments (A, B & C) to Annexure-2 showing the computation of subsidy for the quarter. The statement shall be furnished by the USP even if no new Site has been set up during the quarter for provision of 4G based mobile services. The Bidding Unit wise subsidy claim should be submitted in the prescribed formats on a hard copy duly signed by the authorized signatory of the Company.
- 7.2.4. Following supporting documents shall be submitted along with the prescribed Claim Statement and thus are integral part of the subsidy claim:
 - (a) The claim shall be duly certified as per prescribed affidavit proforma as mentioned in **Annexure-2** on a stamp paper 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.
 - (c) In addition to the hard copy, the USP should also submit the claim on a CD ROM in MS Excel format also. The authorized signatory of the company should put his signature and seal of the company on the CD ROM Disc.
 - (d) Monthly statement of Sites commissioning & mobile traffic generated for the quarter, as per Annexure 5 and Service interruption report as per Annexure-6 duly certified by concerned DoT Licensed Service Area unit. The USP, along with Annexure-5, shall also provide name of villages (along with the census code) covered by the installed tower.

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- (e) USP shall also submit Monthly Statement of Progress of Project Implementation to USOF and concerned LSA & CCA as per Annexure-9.
- (f) Self-Certificate as per Annexure-3_along with test results, as per Clause 5.13 of the Section V: Technical conditions, with the FLS claim.
- (g) The certificate from the Statutory auditor or Cost auditor of the company giving the percentage of local content and details of the location at which the local value addition is made.
- (h) The certificate regarding compliance of GR/IR or any national standard, certification from Indian bodies i.e. TEC/TSEC, STQC, BIS or any accredited lab for to be deployed products/equipment.
- 7.2.5. The claim along with the supporting documents should be prepared Bidding Unit wise, awarded to USP and should be submitted within 30 days from the end of the quarter. Condonation of delays for claims received after this date may be considered by the Administrator under exceptional circumstances.
- 7.2.6. The claims along with the supporting documents should be submitted at the designated Controller of Communication Account Offices of the respective Licensed Service Area.

7.2.7. Penalty for interruption:

Deduction in subsidy (EQS) shall be made from USP on pro-rata basis, if there is interruption in services for more than 43.2 hours (cumulatively) in a quarter; and the entire EQS shall not be payable for that particular site, if there is interruption in services for 45 days or more in a quarter. The USP shall furnish the details of interruption/ down time of the services along with the payment statement as per the pro forma attached at **Annexure-6**. In addition, the USP, as Licensed Access Service Provider shall be bound by and shall comply with the relevant regulations of TRAI for QoS.

- 7.2.8. Processing of Front-Loaded Subsidy (FLS) & Equated Quarterly Subsidy (EQS) claims of USP for subsidy disbursement and settlement shall be as per the terms & conditions of the Agreement and through the Office of the designated Controller of Communication Accounts (CCAs) of the respective Telecom Service Area. However the claims of USP would be said to be settled only after adjustment & recovery of any pending LD, penalties, dues, etc. as liable as per the Agreement or recovery of inadmissible/excess subsidy for a site as ascertained on the basis of physical verification by an agency authorized by Administrator, USOF as per Clause 5.13.3 & sample inspection conducted by TPA/ Administrator representative, during the Agreement period, as per instructions issued thereunder for compliance of its provisions, as per the inspection/verification schedule to be prescribed later by USOF.
- 7.2.9. The aforesaid quarterly statements of each year shall be required to be audited by the auditors of the USP appointed under Section-224 of the Companies Act, 1956 or Section



- 139 or any other relevant section of the New Companies Act, 2013. The report of the Auditors should be in the prescribed form given in **Annexure-4** to be filed with the Administrator or an authorized agency /CCA as specified within 7 (seven) calendar days of the date of signing of the audit report but not later than 30th September of the following year.
- 7.2.10. The subsidy for a quarter shall be paid after making adjustments, if any, for the payments made in the previous quarter(s).
- 7.2.11. Final adjustment, if any in respect of excess or shortage in the subsidy disbursed shall be made in the following year based on the quarterly statements duly certified by the auditors of the USP.
- 7.2.12. In case the 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 an 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.
- 7.2.13. No interest shall be payable for any short/late payment made to the USP by the paying authority.
- 7.2.14. All the relevant records, systems, relevant NOC (Network Operation Centre)/ Network Management System (NMS) data, logbooks, books of accounts of the USP shall be subject to such scrutiny & examination as may be prescribed by the Administrator so as to facilitate independent verification of the subsidy claimed and paid.
- 7.2.15. In order to ensure effective utilisation of the USO fund released for the rendering the obligations by USP and proper and correct verification of subsidy paid & ensuring compliance, for the deliverables and agreement conditions, as claimed in its subsidy claim, over the period of the Agreement, the Administrator can issue instructions/directions, prescribe inspection & verification guidelines/procedures, formats for monitoring performance, formats and certificates with respect to physical and financial progress of the project, financial reports for reconciliation and also can modify, alter, or substitute and amend, if deemed necessary, whatever stated in the Agreement.

7.3. BANK GUARANTEES

7.3.1. The USP shall submit a Performance Bank Guarantee (PBG) to Administrator USOF in the prescribed proforma (as per Annexure-7 of RFP) valid for 6 months beyond the validity of Agreement for each Bidding Unit where the work is awarded to USP, from any scheduled bank in India. The amount of performance bank guarantee shall be



equivalent to 3% of total subsidy amount payable to the USP for the entire bidding unit, as specified in tender, for which work has been awarded to the USP. The PBG must be submitted within Fifteen days of issue of letter of intent and before signing of the Agreement.

- 7.3.2. Initially, the bank guarantee (s) shall be valid for a period of Two years. The USP, on its own, shall extend the validity period of the bank guarantee(s) on similar terms at least one month prior to the day of its expiry without any demand or notice from the Administrator for a period of one year on regular basis for the period as mentioned in clause 7.3.3.
- 7.3.3. The bank guarantees shall be kept valid for an extended period of six months beyond the period of Agreement or till finalization of accounts i.e., issue of no-dues certificate from the concerned CCA and final settlement of all the subsidy claims, and adjustment & recoveries of any pending LD, penalties, dues, excess claim etc. as per the Agreement & instructions issued there under, whichever is later. Any failure to do so, shall amount to violation of the terms of the Agreement and entitle the Administrator to encash the bank guarantee(s) and to convert it into a cash security without any reference to the USP at its risk and cost. No interest or compensation whatsoever shall be payable by the Administrator on such encashment.
- 7.3.4. Without prejudice to its rights of any other remedy, Administrator may encash bank guarantee and forfeit the amount upon any failure of performance of the terms & conditions of the Agreement by the USP.

7.4. MAINTENANCE OF RECORDS

- 7.4.1. The Administrator or its authorised representative shall have the right to call for and the USP shall be obliged to maintain, supply and provide for examination the relevant books of accounts, financial records and provide access to its systems and any other records that it maintains in respect of the business carried on to provide the service(s) under this Agreement at any time.
- 7.4.2. 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 or until the finalization of accounts, whichever is later. Any dereliction thereof shall be treated as a material breach independent of any other breach, sufficient to give a cause for termination of the Agreement.

7.5. NON-PERFORMANCE PENALTY

7.5.1 In case, USP fails to commission & provide 4G based mobile services from a site(s), within six months of the expiry of the roll-out period (as stated in Clause 6.5), action as per Clause 6.6 shall be taken. In addition, non-performance-penalty @ 5% of the Representative Rate per site, as specified in the tender document, shall be payable, in respect of sites not commissioned, as penalty by the USP and the site(s) would be







deleted/ struck-off from the Agreement. Administrator reserves the right to take necessary action, as deemed fit for provisioning of 4G based mobile services from such sites.

- 7.5.2 USP shall indemnify and at all times keep the Administrator, USOF indemnified against any loss to it or any claims by any third person. The USP shall be solely responsible to deal with any/all dispute(s)/issue(s) arising out of the said deletion of the site(s) from the Agreement and consequences thereof.
- 7.5.3 Non-compliance of Public Procurement guideline shall attract the penal provision as mentioned in the Public Procurement (Preference to Make in India) Order 2017 and subsequent orders/amendments/references.

7.6. EXIT Policy:

- 7.6.1. A notice of at least 90 days (three months) shall have to be given by the USP seeking exit from the entire scheme in a bidding unit to Administrator, USOF.
- 7.6.2. Date of Exit shall be the date of expiry of three months' notice for exit as given by the USP seeking exit.
- 7.6.3. USP shall pay 50% of the total subsidy amount payable to the USP till the time of exit for the bidding unit as penalty, to USOF as specified in the tender document, for premature exit/withdrawal from the entire scheme.
- 7.6.4. It shall be the responsibility of USP to maintain the Quality of Service as per conditions of the Agreement during the notice period also. If the Quality of Service is not maintained as per standards prescribed in the Agreement during the notice period, then a Penalty as per Clause 7.2.7 shall be imposed & recovered from the USP.
- 7.6.5. Exit from already commissioned sites will be subject to Terms and Conditions of relevant Telecom License Agreement signed by USP with DoT.
- 7.6.6. Exiting USP shall indemnify Administrator, USOF and USP shall be solely responsible to deal with any/all dispute(s)/issue(s) arising out of the said exit and consequences thereof including inter-alia matters related to continuity of services to subscribers, compliance to pertinent clauses of relevant telecom license agreement under which USP is operating.
- 7.6.7. In addition, the Administrator shall terminate the Agreement and take action as per Clause 4.10 and recover any Liquidated damages and non-performance penalty, if applicable.





SECTION – VIII: Special Instructions to the USP

- **8.1** After signing of the Agreements by USP with Administrator USOF, USP shall rollout as per schedule given in clause 6.5.
- 8.2 For shifting of the location of the site/tower from one place to another, the USP shall take up the case for change of location with Administrator as per the prescribed proforma attached at Annexure-8.
- **8.3** For installation of additional site(s) or deletion, the USP shall take up the case with Administrator as per the prescribed proforma attached at **Annexure-7**. The variation shall be permitted with the prior approval of Administrator, USOF, subject to Clause 2.3 of this Agreement.
- 8.4 The decision of the Administrator for according approval to such requests shall be final and binding on the USP. All the related clauses of the Roll out, LDs, Penalties, Suspension, Termination& other terms & conditions of the Agreement shall be applicable for these new locations also.

9a/



SECTION – IX: 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:

- **9.1. ADMINISTRATOR** means the Administrator, Universal Service Obligation Fund in the Department of Telecommunications under Ministry of Communications.
- 9.2. AGREEMENT shall mean the Agreement signed by the USP with the Administrator for setting up and managing the infrastructure sites and for Provision of 4G based mobile services in MHA identified tower locations in Left Wing Extremism (LWE) affected areas for each bidding Unit, on the basis of the outcome of the bidding process.
- 9.3. BENCHMARK is the rate that shall form the upper ceiling for submission of bids and is the estimated rate of Net Cost support assessed in accordance with ITRs,1951 and is based on a percentage of the capital recovery, depending on the revenue potential and operating expenditure net of revenue, incurred over a period of five years of operation against which the bids shall be received in the first round of financial bidding
- 9.4. CAPITAL RECOVERY means the aggregate of depreciation, interest on debt and return on equity on the capital cost as worked out proportionately and annualized over the period for which support is provided from the Fund.
- 9.5. **DESIGNATED MONITORING AGENCY** refers to the agency authorized by the Administrator to carry out testing & inspection of the records, systems, claims and installations in order to ensure compliance with terms & conditions of the Agreement.
- **9.6.** EFFECTIVE DATE is the date on which this Agreement comes into effect.
- 9.7. EQS means Equated Quarterly Subsidy
- 9.8. FLS means Front loaded Subsidy
- **9.9. Infrastructure Providers-I (IP-I)** means IP-I registered with Department of Telecommunications.
- 9.10. SITE means the locations for installation of tower & eNode-B for provision of 4G based mobile services, as per the terms & conditions of the Agreement and as identified in Appendix-1.

- **9.11. LICENCE** means a License granted or having effect as if granted under the Section-4 of the Indian Telegraph Act, 1885 and the Indian Wireless Act, 1933.
- 9.12. LICENSED SERVICE AREA means the territorial jurisdiction as specified under the CMTS / UASL /UL Service License except the areas that may be notified to be excluded from time to time.
- **9.13. LICENSEE** means a registered Indian Company that has been awarded License to provide the service (Basic and/ or CMTS and/ or Unified Access Service), within the geographical boundaries of the specified Licensed Service Area.
- **9.14. OPERATIONAL EXPENDITURE** means the Annual Operating Expense incurred on routine maintenance of infrastructure and recurring expenditures on diesel, electricity, security etc. including satellite bandwidth charges, to be paid by Universal Service Providers.
- 9.15. QUALITY OF SERVICE (QoS) is evaluated on the basis of observable measure on the grade of service or the response time and also includes acceptable grade of number of faults per unit population of the subscriber served, the mean time to restore (MTTR), faults carried over beyond the MTTR and the satisfactory disposal thereof.
- **9.16. RURAL CONNECTIONS** means the connections provided in the rural areas as identified by the Census 2011 and located in the areas served by the eNode-B site installed with the subsidy support from USO Fund.
- **9.17. SUBSIDY** from Universal Service Obligation Fund (USOF) means the disbursements from USOF towards meeting the universal service obligations in terms of the Agreement.
- **9.18.** TRAI means Telecom Regulatory Authority of India constituted under the TRAI Act, 1997 as amended from time to time.
- **9.19. UNIVERSAL SERVICE PROVIDER (USP)** means such entities like CMTS/ UASL/UL Licensees, which have entered into an Agreement with the Administrator for provision of specified Universal Service.
- **9.20. USO** means Universal Service Obligation as enunciated in the Indian Telegraph Act and the Rules framed there under.
- **9.21. USO FUND** means the fund established under the Indian Telegraph Act and the Rules framed there under.







ANNEXURE-1: DETAILS OF NUMBER OF TOWER LOCATIONS IN LWE AREAS OF ANDHRA PRADESH, TELANGANA, BIHAR, JHARKHAND, UTTAR PRADESH AND WEST BENGAL. STATES AND USOF SUBSIDY SUPPORT.

S. No.	Bidding Unit	No. of tower locations	subsidy Amount per site (in Rs.)	Total subsidy Amount (in Rs.)
1	ANDHRA PRADESH	346	86,45,000	2,99,11,70,000
2	TELANGANA	53	86,45,000	45,81,85,000
3	BIHAR	16	86,45,000	13,83,20,000
4	JHARKHAND	450	86,45,000	3,89,02,50,000
5	UTTAR PRADESH	42	86,45,000	36,30,90,000
6	WEST BENGAL	33	86,45,000	28,52,85,000
	TOTAL	940		8,12,63,00,000





ANNEXURE-2: FORMAT FOR CERTIFICATION OF SUBSIDY CLAIM

	•	
		AGREEMENT NODATED FOR
		UNIVERSAL SERVICE PROVIDER
		years s/o, d/o of Shri, resident ofdo solemnly affirm and state as under:
	1.	That I am
	2.	That a claim of Rs (Rupees) is being made or the period to The details of calculation of subsidy are as per Attachments enclosed.
	3.	That the contents of Attachments A, B and C 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 4G based mobile services have been rendered from the quarter in which they have been shown as installed & commissioned.
-	4.	That the claim pertains to the 4G based mobile services commissioned after the date of entering into the Agreement.
	5.	That excess payment or shortage, if any, in the subsidy received shall be adjusted in the following year based on the quarterly statements duly certified by the Auditors of the Company and scrutiny as prescribed by the Administrator.
	6.	The services/ mobile connections provided under this Agreement have not been utilized in claiming subsidy under any other Agreement entered into with the Administrator.
	7.	No subsidy has been claimed for the period in which the 4G based mobile services remained disrupted during the quarter as per terms and conditions of the Agreement.
	8.	The 4G based mobile services shown as commissioned in the said quarter have been completed in the on the dateas provided in the claim.
	9.	I 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.
Fo	rand	d on behalf of (Name of the company)

far



Signature of the authorized signatory of the $\ensuremath{\mathsf{USP}}$

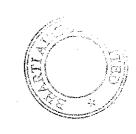
ATTACHMENT A TO ANNEXURE 2: SUMMARY CLAIM STATEMENT FOR QE FROM UNIVERSAL SERVICE PROVIDER

Name of Universal Service Provider

Name of Implementation Unit

•						
Remarks, if any		0.10				i
Total subsidy payable (7+8)		6				
Subsidy payable for Mobile Service Sites in col 5 (from Col 17 of Attachment C)		œ				
Total subsidy payable for the Mobile Service Sites in col 4 (from Col 14 of Attachment B)		7				
Total No. of Mobile Service Sites at which Mobile Service is functional	Tower Locations	9				
No. of Mobile Service Sites added during the	Tower					
No. of Mobile Service Sites provided at the end of the previous quarter	Tower Locations	4				
Total No. of Mobile Service Sites to be provided (As per	Tower	en.				
State		2				
NO.		ਜ	⊣	2	м	4

(Signature of Authorized Signatory) along with Company seal



ATTACHMENT B TO ANNEXURE 2: EQS CLAIM STATEMENT FOR QE FROM UNIVERSAL SERVICE PROVIDER FOR THE 4G based mobile services THAT

HAVE ALREADY BEEN COMMISSIONED

Name of Universal Service Provider

Name of Implementation Unit

Net subsidy payable (Col 9-13)	14							
Deduction of subsidy on Pro rata basis for Col	77	13						
Total days for which services were interrupted		12						
on of tion of ces To	date	11						
Duration of interruption of services From To	date	10						
Subsidy		6						
Backhaul type		∞						
Date of Completion /Commission of the 4G based mobile services	site	7						
Site Location	Long	Ō						
Site	Lat	5						
Site details (District- Block-	4							
State	3							
Site	2							
	S S							

(Signature of Authorized Signatory) along with Company seal

Note:

- 1. Deduction of subsidy on account of interruption of services shall be made on the total no. of days such incidences have happened from the specific site. Further, the details of interruption are to be separately provided.
 - . Rounding off the subsidy to the nearest rupee shall be made only in the total subsidy due.







ATTACHMENT C TO ANNEXURE 2: FLS CLAIM STATEMENT FOR QE FROM UNIVERSAL SERVICE PROVIDER (FOR THE 4G based mobile services

COMMISSIONED DURING THE QUARTER)

Name of Universal Service Provider

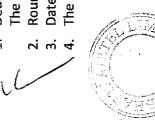
Name of Implementation Unit

· · · · · · · · · · · · · · · · · · ·			
Net subsi dy payab le (Col 12-16)	17		
Deducti on of subsidy on Pro rata basis for Col 15	16		
Total days for which services were interrup ted	15		
ion yf ces	14		
Duration of interrupti on of services From To date date	13		
Subsi dy payab le	12		
No. of days since mobile services site is Complete/Commissio ned	11		
No. of days in the Quart er	10		
FLS compon ent	6		
backh aul type	∞		
Date of Completi on - Commiss ion of the Mobile Services site	7		
Site Location t g	9		
	r.		
Site details (Distri ct- Block- Village	4		
Sit Stat D D	m		
E e St	7		
S S	н	1	2

(Signature of Authorized Signatory along with Company seal)

Note:

- Deduction of subsidy on account of interruption of services shall be made on the total no of days such incidences have happened from the specific site. The details of interruption are to be separately provided.
 - Rounding off the subsidy to the nearest rupee shall be made only in the total subsidy due.
- Date of Commissioning/installation (Col 7) shall be included while calculating the number of days in a quarter for Col 10.
 - √ 4. The claim shall be accompanied with the Self Certification as per Annexure-3.



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ANNEXURE-3: Proforma for Self-Certification by Universal Service Provider

Proforma for self certification by Universal Service Provider

1.	l,years s/o, d/o Shri, resident ofdo solemnly affirm and state as under:
2.	That I am
3.	That as per the Agreement signed with Administrator, USOF vide Agreement No.
A)	Details of land: (i) Type of Land (Govt./ Private/ Camp/ Police Stn.) (ii) Size of the land (Dimensions): (iii) Village/ Khasra Number/ Survey Number/ Revenue Record Number: (iv) Nearest Identification/ landmark: (v) Name of the owner:
В)	Tower:
	 (i) Tower ID: (ii) Latitude: (iii) Longitude: (iv) Name of the Village, Block, District, State: (v) Height of the tower: (vi) Date of Commissioning: (vii) TEC GRS (Number and Title) to which Tower complied:
C)	eNode-B:
	(i) Tower ID: (ii) Name of the Village, Block, District, State: (iii) Technology (GSM/ CDMA): (iv) Make: (v) Model:



- (vi) Type of eNode-B
- (vii) Capacity/ Configuration:
- (viii) Radiated Power in Watts:
- (ix) Date of manufacturing:
- (x) Serial No.:
- (xi) Proof of purchase (Invoice/Bill):
- (xii) SACFA Clearance Status:
- (xiii) Date of Commissioning:

D) <u>Electrical power connection</u>:

- (i) Capacity of Sanctioned load:
- (ii) Proof of sanction from SEB:
- (iii) Main Energy Meter Type/ Capacity/ Sl. No.:
- (iv) Sub-Energy Meters Type/ Capacity/ Sl. No.:
- (v) Earth Resistance (value in ohms):
- (vi) Date of Installation:

E) Renewable Energy Source

- (i) Capacity:
- (ii) Make:
- (iii) Type:
- (iv) Date of Manufacturing:
- (v) Date of Commissioning:

F) Engine Alternator:

- (i) Rated Capacity of Engine alternator:
- (ii) Make of Engine/ Alternator:
- (iii) Serial Number of Engine/ Alternator:
- (iv) Year of Manufacture:
- (v) Supplied by:
- (vi) Proof of purchase (Invoice/Bill):
- (vii) Details of other components provided
- (viii) Testing and Commissioning Report:
- (ix) Date of Commissioning:

G) Mandatory Approvals

The following mandatory approvals have been obtained and copies of various certificates are attached.

- (i) Director General of Civil Aviation (in case the tower falls in the corridor)
- (ii) Environment Pollution Clearance
- (iii) Others, if any, as per the local laws.







H)	Batte	ry:								
	(i)	Rated Capacity:								
	(ii)	Make:								
	(iii) (isa)	Type:								
	(iv)	Date/ Year of Manufacturing:								
	(v) (vi)	Proof of purchase (Invoice/ Bill): Number of Sets:	• •							
	(vii) (vii)	Date of Commissioning:								
I)		Power Plant:								
.,	(i)	Rated Capacity of each module:								
	(ii)	Make:								
	(iii)	Type:								
	(iv)	Date of Manufacturing:								
	(v)	Proof of purchase (Invoice/ Bill):								
	(v) (vi)	Number of Modules:	•							
	(vii)	Date of Commissioning:								
J)		ina for eNode-B/ Microwave (To be pro	vidad caparataly)							
رد		•	vided separately).							
	(i)	Type:								
	(ii)	Gain:								
	(iii)	Beam width:								
	(iv)	Size:	·							
	(v)	Weight:	·							
	(vi)	Frequency of operation:	:							
	(vii)	Location on the Tower:								
	(viii)	Make:	•							
	(ix)	Date of Manufacture:								
	(x)	Date of Commissioning:								
K)	Backhaul:									
	(i)	(i) Type of backhaul:								
	(ii)	• • • • • • • • • • • • • • • • • • • •								
L)	Signa	Coverage details:								
	Certif	ied that the actual coverage achieved	from the infrastructure site installed is as							
		Certified that the actual coverage achieved from the infrastructure site installed is as per the prevalent TRAI regulations on QoS standards.								
	Sign	al Strength	Details of Coverage Area							
	<u> </u>		-							

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M) Village Coverage details:

The actual number of villages covered from the infrastructure site installed in the village cluster as against the number of villages to be covered as specified in the Agreement is as given below:

Names of villages to be	Names of villages actually	Names of villages not
covered from eNode-B of	covered from eNode-B of the	covered as proposed in
the Infrastructure Site as	Infrastructure Site	the Agreement
per the Agreement		
	·	·
	*	

- 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 from the quarter in which they have been shown as installed/commissioned.
- 5. That the components at the infrastructure site shown as installed/commissioned in the said quarter have been completed on the dates as shown above.
- 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 USP

Signature of the authorized signatory of the USP

Note:

A copy of the Self-Certification is also to be submitted to Administrator, USOF.







ANNEXURE-4: 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 o
We report that:
 We have examined all the record and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of ou 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 correct view of the subsidy claimed for the period computed on the basis of the aforesaid conditions.
3. In our opinion and to the best of information, record of the disruption of 4G bases

mobile services is kept in such a manner as to reflect the correct position, for the

(Name and Signature of the Auditor signing)

purpose of claiming subsidy.

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

V RETELL

M

ANNEXURE-5: Monthly Statement

NAME OF THE UNIVERSAL SERVICE PROVIDER:

NAME OF THE IMPLEMENTATION UNIT: <

A. FOR THE MONTH ENDING:

SI. No	Location of Site	District & Block	Details of Tower		Deployed eNodeB Type, Configuration	Date of Commissioning of the Mobile Service Site (i.e. eNodeB) i.e. commencement	No. of Mobile Connections provided	Total traffic generated during the	
			Tower ID	Lat.	Long.	& Backhaul	of 4G based mobile services		month
								-	

SIGNATURE OF THE AUTHORIZED SIGNATORY FOR OR ON BEHALF OF USP

B. CUMULATIVE:

For Sites in uncovered villages -

SI. No.	State	District	Total Number of 4G based Sites (eNodeB) to be commissioned as per Agreement	Number of 4G based Sites commissioned prior to the current month	Number of Mobile Services Sites commissioned during the month	Cumulative Number of Mobile Services Sites commissioned
Total						

Signature of the Authorized Signatory for or on behalf of USP

h



ANNEXURE-6 Format for the Certification for Continuation of the Services Status

FORMAT FOR THE CERTIFICATION FOR CONTINUATION OF THE SERVICES STATUS (PERIOD: DD/MM/YYYY TO DD/MM/YYYY)

This is to certify that the eNode-B situated at Tower: <Tower ID> in the village <Village Name>, Sub district <Ward/Block/Tehsil Name> and District <District Name>; which is owned and operated by <Service Provider Name>, has been providing 4G based mobile services complaint to the requirements of the agreement to the subscribers during the above stated period. The following parameters are indicative of the same.

SI. No.	Towe r ID	Tower Location State/Dist/Bloc k/Village	Config. of eNode B	Radiate d Power	Traffic handle d in erlangs	Details of Interruption in Services		Total Down time	Total Up time
						From Date (HH-MM- SS)	To Date (HH-MM- SS)	(DD-HH- MM-SS)	(DD- HH- MM- SS)

Enclosures:

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





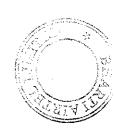


ANNEXURE-7: Format for Installation of Towers in Addition/Deletion of Proposed Towers

					· ·	_	,	
No. of Justification USPs and								
No. of USPs and	their consent							
Coverage No. of specifications	the	tower						
Purpose for	installation of additions	additional	; ;					
Distance Purg from the for	existing tower		-					
Type of terrain					,			
Long		٠						
Lat								
Population of the	Villages Planned to	be covered				-		
Name of left out Population tower	Agreement Location of location/Villages signed the planned to be	covered	additional	villages, if any	·			
Proposed Tower	Location of the	additional						
Tower ID as per the	Agreement signed							

e.g. Proper justification may be given for Addition of the towers:

- Proper Coverage not available for the targeted area/ villages/ population/ household
- Possibility of improved coverage by addition of the tower due to terrain/clutter
- Required population getting served by addition of the tower
- Any other reason



M

ANNEXURE-8: Format for Request for Shifting of Towers

(PROPOSAL TO BE SUBMITTED ALONG WITH THE RF PLAN AND COMPARATIVE BENEFITS)

Justification					-				
No. of	ns USPs and	their	consent						
Coverage	specifications	of proposed tl	tower		-	-			
Purpose	for	shifting	tower						
Type of Distance	from the	existing	tower						
Type of	terrain								
Long									į
Lat			·					ļ	
Population	of the	Villages	Planned to	be covered					!
Name of the	Villages	planned to	be covered	including	additional	villages, if	anv		
Proposed	Tower	Location	Agreement after shifting						
Existing	Tower ID	as per the	Agreement	signed					

Proper justification may be given for Shifting of the towers:

Coverage already available

Name of the Service provider

Lat-Long of the corresponding tower

Possibility of improved coverage by relocation of the tower due to terrain

More population getting served by relocation of the tower

Difficulty in tower construction due to soil and geographical conditions





ANNEXURE-9: Monthly Statement of Progress of Project Implementation

NAME OF THE UNIVERSAL SERVICE PROVIDER:

Implementation Unit: <

Report for the month of ----

Total No. of villag es cover ed				·		
and sion ites	Cumulative Progress					
Testing and Commission ing of Tower sites	eht gninb		+			
Tes Cor ing Tov	Progress					
on nt	Cumulative Progress					
Installation of equipment	during the					
Installation of equipment	Progress					
	Progress					
Receipt of Material, power + electronics + backhaul	Cumulative					
ater ower ectro back	Progress during the					
A Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z			-			
u o	Cumulative Progress					
ati	during the					
Tower Installation	Progress					
	Progress					
Receipt of Tower Material at site	SvitslumuD					
Receipt of Tower Material at site	during the					
Reco Tow Mat site	Progress					
no	Cumulative Progress					
arati	·					
Site Preparation / Foundation	Progress during the					
S & L	Progress					
pa	SvitelumuD	1				
Site Acquired	during the	l i				
Site Acq	Progress					
Total No. of Tow er locat ions finali						
>	Progress	l I				
urve	SvitslumuD					
Site Survey	Progress during the	k I				
					-	
Total No. of /Tow er locati ons/v illage s						·
District Name						Total
o S		ri l	2.	<u>ښ</u>		
•						



APPENDIX-1

Details of Village/ Site Locations in Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal.

TONG	77.518502	77.487309	77.475062	78.14031	82.009470	82.003020	82.044440	82.034722	82.006944	82.079167
, W	15.016845	15.203342	15.069454	14.25761	17.598370	17.311150	17.512500	17.427780	17.537500	17.437500
Name of Tower site/ Location	Immampuram village	Molakalapenta thanda village	Near Venkatam palli bus stand	in between mudigubba to talupula bus stand	In Between of AP Paper mill and VHP High school	Near Bricks factory Mainroad Duppulapalem	Near Old forest Building	Near Primary Health Center Yellavaram.	Near YSR Statue Mainroad, Thungamadugula Village.	Villege Enrtance Near Forest Teku Plantation at Veerabhadrapuram.
Village code as per census	594738	594724	515401		586796	586826	586833	586867	586822	586860
Name of Village	Immampuram village	Molakalapenta thanda village	Venkatam palli	Near Gajjalappagaripalli village	Vedurunagaram (Peddavadisikkarra)	Duppulapalem	D.Bhimavaram	Yellavaram	Thungamadugula	Veerabhadrapuram
Name of Block	Guntkal	Guntkal	Guntkal	Talupula	Addateegala	Addateegala	Addateegala	Addateegala	Addateegala	Addateegala
Name of the District	Anantapur	Anantapur	Anantapur	Anantapur	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari
Sate	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
SI. No.	H	2	m	4	ro.	9	7	8	6	10



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LONG	81.159389	81.701389	81.210444	81.290556	81.520833	81.581944	81.691539	81.727778	81.733539	81.890278	81.574080	81.927778	81.969444
LAT	17.806528	17.852780	17.790139	17.783056	17.731940	17.783330	17.390344	17.401575	17.354162	17.393060	17.260620	17.527780	17.348610
Name of Tower site/ Location	Alligudem	Forebay	Pega	Sarivella	Tulasipaka	Tulugonda	Ch.Gangavaram	Pedduru	Velagapalli	Amudalabanda	Cheedipalem	Mohanapuram	Pidathamamidi
Village code as per census	579147	463042	579161	579165	579222	579215	286607	586611	586621	287099	587089	587073	587104
Name of Village	Alligudem	Forebay	Pega	Sarivella	Tulasipaka	Tulugonda	Ch.Gangavarazm	Pedduru	Velagapalli	Amudalabanda	Cheedipalem	Mohanapuram	Pidathamamidi
Name of Block	Chinturu	Chinturu	Chinturu	Chinturu	Chinturu	Chinturu	Devipatnam	Devipatnam	Devipatnam	Gangavaram	Gangavaram	Gangavaram	Gangavaram
Name of the District	East Godavari												
State	Andhra Pradesh												
Si. No.	11	12	13	14	15	16	17	18	19	20	21	22	23



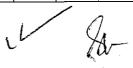
		1						r					
LONG	81.947222	81.802500	81.852411	81.660731	81.746553	81.851139	81.780290	81.806016	81.736649	81.754885	81.726043	81.635050	82.290248
TAT .	17.515280	17.759000	17.550918	17.568583	17.616857	17.744111	17.564157	17.541018	17.798543	17.682939	17.520877	17.631988	17.332358
Name of Tower site/ Location	Sarabhavaram	Akumamidikota school	Anganawdi center at dorahintala padu	Anganwadi center at kundada	Anganwadi School at Vetukuru village	Bodlanka Panchayathi	Community hall at tadepalli	D Velamkota Anganwadi center	gudisa village	Kakuru Anganwadi Center	MPEL SCHOOL AT Devarapalli village	WATER TANK AT PAMULERU	Bavuruvaka
Village code as per census	587088	586548	586595	586575	586569	586544	586590	586591	586533	586563	586583	586557	587876
Name of Village	Sarabhavaram	Akumamidi kota	Dorachintalapalem	Kundada	Vetukuru village	Bodlanka	Tadepalli	D Velamkota village	Gudisa	Kakuru	DEVARAPILLI	Valamuru village	Bavuruvaka
Name of Block	Gangavaram	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Maredumilli	Prathipadu
Name of the District	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
S. S.	24	25	26	27	. 28	29 -	30	31	32	33	34	35	36

SI. No.	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	T.	TONG
37	Andhra Pradesh	East Godavari	Prathipadu	Buradakota	587277	Buradakota	17.383668	82.245754
38	Andhra Pradesh	East Godavari	Rajavommangi	Anantha giri	586901	Ananthagiri	17.569232	82.141358
39	Andhra Pradesh	East Godavari	Rajavommangi	Gobbilamadugu	586918	Gobbla madugu	17.515280	82.118056
40	Andhra Pradesh	East Godavarí	Rajavommangi	Kirrabu	586881	Kirrabu	17.620830	82.195000
41	Andhra Pradesh	East Godavari	Rajavommangi	Lagarai	586891	Lagarai	17.579170	82.193056
42	Andhra Pradesh	East Godavari	Rajavommangi	Badada napalli	586894	Lakkavara ppadu	17.583330	82.269444
43	Andhra Pradesh	East Godavari	Rajavommangi	Lododdi	586910	Lododdi	17.512998	82.312309
44	Andhra Pradesh	East Godavari	Rajavommangi	Mare dubaka	586942	Maredu baka	17.668890	82.331667
45	Andhra Pradesh	East Godavari	Rajavommangi	Sarabha varam	286886	Sarabha-varam	17.610830	82.243056
46	Andhra Pradesh	East Godavari	Rajavommangi	Urlakula padu	586936	Urlakula padu	17.444716	82.142401
47	Andhra Pradesh	East Godavari	Rajavommangi	Vathangi	586928	Vathangi	17.452780	82.261111
48	Andhra Pradesh	East Godavari	Rajavommangi	Vattigadda		Vattigadda	17.512298	82.193039
49	Andhra Pradesh	East Godavari	Rampa- chodavaram	Akuru	587156	Akuru	17.465560	81.608889

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Long	81.824722	81.852500	81.780556	81.800000	81.676111	81.797222	81.813889	81.886111	81.733206	81.654167	81.855278	81.657222	81.871111
LAT	17.447220	17.482780	17.501390	17.398610	17.468330	17.334720	17.504170	17.506940	17.459428	17.488330	17.522220	17.455560	17.387722
Name of Tower site/ Location	Bandapalli	Bolagonda	Busigudem	I. Polavaram	Kakawada	Kannaram	Madicherla	Nimmalapalem	Pedageddada	Peerukonda	Vadapall	Vemulakonda	Vootla
Village code as per census	587169	587147	587139	587184	587134	587199	587140	587145	587135	587154	587144	587154	587186
Name of VIII age	Bandapalli	Bolagonda	Busigudem	I. Polavaram	Kakawada	Kannaram	Madicherla	Nimmalapalem	Pedagedada	Peerukonda	Vadapalli	Vemulakonda	Vootla
Name of Block	Rampa- chodavaram												
Name of the District	East Godavari												
State	Andhra Pradesh												
S S	50	51	52	23	54	55	56	57	28	59	09	61	29 2

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LONG	82.286111	82.336663	81.853722	81.946458	81.862391	82.012510	81.983066	81.955556	82.163116	81.898611	81.873366	81.942051	81.994444
DAT.	17.395830	17.464161	17.789306	17.882422	17.950710	17.701647	17.620739	17.605600	17.380311	17.579170	17.542980	17.573470	17.680000
Name of Tower site/ Location	Pedamallapuram	Raghavapatnam	Panchayathi office at Kaniwada	APTWR School at Gurthedu village	Boddumamidi	Buradakota	Chavitidibbalu	Dalipadu	Mangampadu	Near Grama Panchayat, KOTA	Near Ramalayam, Yerrareddypalem	Regadipalem	Singavaram
Village code as per census	587025	586983	586696	586683	586646	586722	586759	586763	586648	586767	586771	586780	586720
Name of Village	Pedamallapuram	Ragavapatnam	Kaniwada Village	Gurthedu	Boddumamidi	Buradakota	Chavitidibbalu	Dalipadu	Mangampadu	Kota	Yerramreddypalem	Regadipalem	Singavaram
Name Of Block	Rowthulapudi	Rowthulapudi	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram	Y. Ramavaram
Name of the District	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari	East Godavari
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
is s	63	64	65	99	29	89	69	70	71	72	73	74	75





64.76.75	ý.	1											
TONG	81.103144	81.123190	80.911598	81.055595	80.00087583	79.65783333	79.65347222	79.43982778	79.51620083	79.54989972	79.809864	80.867141	79.85409
	17.731970	17.625910	17.696614	17.626150	16.58851694	16.21483333	16.20358333	16.34094889	16.33736194	16.34605	16.3830936	15.844	16.700355
Name of Tower site/ Location	Bandirevu village	Murumuru Village	Near RDO Office Yetapaka	Thotapalli village	Ramanajaneyapuram (M.S.Palem)	Bandlamottu	Malapadu	Near MPP School, Chandrakunta Thanda Village	Near MPP School, kakirala Village	Near MPP School, Minchalapadu Village	Vemagiri	Laksmipuram	Regulagalla Village New flats
Village code as per census	579028	579082	579042	579067	9	,7108210090316	,07108210090216	10	6	6	522436	752018	200352
Name of Village	Bandirevu	Murumuru	Yetapaka	Thotapalli	Ramanajaneyapuram	Bandlamottu	Malapadu	Chandrakunta thanda	Minchalamapadu	Kakirala	Vemagiri	Laksmipuram	Regulagadda
Name of Block	Yetapaka	Yetapaka	Yetapaka	Yetapaka	Bellamkonda	Bollapalli	Bollapalli	Durgi	Durgi	Durgi	Piduguralla	Repalle	Rompicherla
Name of the District	East Godavari	East Godavari	East Godavari	East Godavari	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural
	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
SI. No.	92	77	78	79	80	81	85	.83	84	82	98	87	88

LONG	79.3333333	79.29238889	79.25833333	79.26166667	79.36872222	79.35544444	78.70991	78.73548	78.83884	78.821794	78.67792	78.59589	78.34929
W	16.35972222	16.2322222	16.3625	16.39488889	16.30213889	16.27533333	15.8653	15.90768	15.970969	15.885392	15.76932	15.96765	16.03294
Name of Tower site/ Location	Out skirts of Bangarupent village	Out skirts of Davupalli village	Out skirts of Jendapenta village	Out skirts of KP Gudem village	Out skirts of Loyapalli village	Out skirts of Pitchaiahbavi thanda village	Bairlooty	Nagalooty Veerabadra Swamy Temple	Peddacheruvu Gudem	Rollapenta	Rudrakodurgudem	Palemcheruvu Gudem	Siddeswaram
Village code as per census	86	85	86	98	85	85	593987	593988					593958
Name of Willage	Bangarupent Village	Davupalli Village	Jendapenta	KP Gudem	Loyapalli	Pitchaiahbavi thanda	Bairlooty village	Nagalooty village	Peddacheruvu Gudem	Rollapenta village	Rudrakodur village	Palemcheruvu gudem (Habitation)	siddeswaram
Name of Block	Veldurthy	Veldurthy	Veldurthy	Veldurthy	Veldurthy	Veldurthy	Atmakur	Atmakur	Atmakur	Atmakur	Atmakur	Kothapalli	Kothapalli
Name of the District	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Guntur Rural	Kurnool	Kurnool	Kurnool	Kurnool	Kurnool	Kurnool	Kurnool
Serie	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
SI. No.	68	06	91	92	93	94	95	96	97	86	66	100	101



CONG	78,65023	78.6112	78.68023	78.7137	78.97471	78.91719	78.0522	78.5635	78.015	79,17587	79.17641	78.9527	78.925
LAT	15.36248	15.4998	15.39248	15.40376	16.08907	16.07372	15.4208	15.464	15.406	15.11358	15.25495	16.0402	15.8625
Name of Tower site/ Location	ChelimaRaiway station area	Krishnanandi temple	Narasimhaswami temple	Pacherla village forest area	Istakameswari Temple	Purananda Ashram	Maguturu	Velagalapaya	Yachavaram	Bhiravakona	Pillipalli	Chinnarutla	Nallaguntla
Village code as per census	594308	594423	26	1336005			590870	590868	6	838034	838005	590584	590596
Name of Village	Sarwanarsimha Swami temple near Kottala village	Thimmapuram	Chelima, Near basavapuram Village	Pacherla	Sundipenta	Sundipenta	Maguturu	Velagalapaya	Yachavaram	Bhiravakona	Pillipalli	Chinnarutla	Nallaguntla
Name of Block	Nandyal	Nandyal	Nandyal	Sirivella	Srisailam	Srisailam	Ardhaveedu	Ardhaveedu	Ardhaveedu	C.S.Puram	C.S.Puram	Dornala	Dornala
Name of the District	Kurnool	Kurnool	Kurnool	Kurnool	Kurnool	Kurnool	Prakasam						
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
72	102	103	104	105	106	107	108	109	110	111	112	113	114

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LONG	78.8875	78.8277	78.9322	78.950352	78.813138	79.03678	78.940155	79.02766	79.50722	79.51703	79.31649	79.29673	78.5455
IVI.	15.8791	15.8833	15.9611	15.411729	15.5995	15.196475	15.231215	15.256243	16.21562	16.23768	16.15655	16.12541	15.3552
Name of Tower site/ Location	Pedda manthanala	Rollapenta	Thummalabailu	Bhupaniguntla	Isukagundam	Erraguntla	Gunthapalli	Thatireddypalli	Akkapalem Thanda	Garapenta	Nerajamula Thanda	Pedda PRC Thanda	Araveetikota
Village code as per census	590594	590593	590586		591182	591220	591222	591215	2	590554	8	2	
Name of Village	Pedda manthanala	Rollapenta	Thummalabailu	Bhupaniguntla	Isukagundam	Erraguntla	Gunthapalli	Thatireddypalli	Akkapalem Thanda	Garapenta	Nerajamula Thanda	Pedda PRC Thanda	Araveetikota
Name of Block	Dornala	Dornala	Dornala	Giddalur	Giddalur	Komarole	Komarole	Komarole	P.Chervu	P.Chervu	P.Chervu	P.Chervu	Racherla
Name of the District	Prakasam												
State	Andhra Pradesh												
52	115	116	117	118	119	120	121	122	123	124	125	126	127



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LONG	79.450235	79.549371	79.33107	79.318649	79.272931	79.13728	79.039458	84.620362	83.87883333	84.167757	84.07805556	83.83175	83.72227778
	16.073313	16.048155	15.9589	16.087751	16.070828	16.15762	16.158024	18.974822	18.68838889	18.692613	18.63336111	18.6135	18.7430833
Name of Tower site/ Location	Sangamthanda	Vengaiahpalem	Guttala Chervu	Kasikunta Thanda	Mogullapalli	Narathadikela	Palutla	Pedda Srirampuram Colony	Gottipalli (Addangi)	Nelabonthu	Near Peddalamba village	Near Kusimi village	Pubbadaguda
Village code as per census	803005	803006	590516	17	17	15	590514	580331	580118	580234	580923	580050	579987
Name of Village	Sangamthanda	Vengaiahpalem	Guttala Chervu	Kasikunta Thanda	Mogullapalli	Narathadikela	Palutla	Pedda Srirampuram	Addangi	Nelabonthu	Peddalamba	Kusimi village	Pubbadaguda
Name of Block	Tripuranthakam	Tripuranthakam	Y.Palem	Y.Palem	Y.Palem	Y.Palem	Y.Palem	Kanchili	Kothuru	Meliaputti	Saravakota	Seethampeta	Seethampeta
Name of the District	Prakasam	Srikakulam	Srikakulam	Srikakulam	Srikakulam	Srikakulam	Srikakulam						
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh							
28	128	129	130	131	132	133	134	135	136	137	138	139	140

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	83.80827778	81.879172	82.9952472	83.1220472	83.1585028	82.8980139	82.95935	82.9199722	82.982476	82.9483083	82.9349111	82.101752	83.0769527
	18.73283333	17.934919	18.2694056	18.3088278	18.3221944	18.1245889	18.0135861	18.1316833	18.181087	18.0876056	18.1819944	18.268576	18.262619
Name of Tower site/ Location	Haddubangi	Pothurajugummala	Beesupuram	Bheemavaram	Garuguballi	Jalada	Jeenapadu	Kivarla	Lungaparthi	Peddakota	Valasi	Bheemapolu	Chimidipalli Railway station
Village code as per census	579996	585207	584112	584134	584137	584325	584363	584329	584290	584376	584302	584172	
Name of Village	Haddubangi	Pothurajugummala	Beesupuram	Bheemavaram	Garuguballi	Jalada	Jeenapadu	Kivarla	Lungaparthi	Peddakota	Valasi	Bheemapolu	Chimidipalli Railway station
Name of Block	Seethampeta	A.Annavaram	A.Giri	Ananthagiri	Ananthagiri								
Name of the District	Srikakulam	Visakhapatnam											
State	Andhra Pradesh												
5 S	141	142	143	144	145	146	147	148	149	150	151	152	153

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PONG	83.021144	82.3390056	82.3060889	82.2954778	82.3360611	82.323	82.3150278	82.4231944	82.416425	82.403386	82.990067	82.88970278	82.85052222
4	18.187744	18.0403528	18.0501028	18.0469444	18.0280972	18.0332472	18.0077028	18.0233056	17.961476	18.040464	18.332378	18.23624444	18.30721944
Name of Tower site/ Location	Pedabidda	Balapam	Cheruvuru	Gillelabandha	Johar Ghat	Korukònda	Kudumula	Thammangula	Regallu	Vandhanapalli	Gennela	Baski	Kodipunjulavalaasa
Village code as per census	584280	24	4	48	69	23	17	45	585209		583997	584042	584030
Name of Village	Pedabidda	Balapam	Cheruvuru	Gillelabandha	Johar Ghat	Korukonda	Kudumula	Thammangula	Regallu	Vandhanapalli	Gennela	Baski	Kodipunjulavasa
Name of Block	Ananthagiri	Annavaram	Annavaram	Annavaram	Annavaram	Annavaram	Annavaram	Annavaram	Annvaram	Annvaram	Araku	Arakuvalley	Arakuvalley
Name of the District	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam						
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh						
5 2	154	155	156	157	158	159	160	161	162	163	164	165	166

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요 등	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of 1 ower site/ Location		
167	Andhra Pradesh	Visakhapatnam	arakuvalley	Lotheru		Lotheru	18.3375	82.889703
168	Andhra Pradesh	Visakhapatnam	Arakuvalley	Sarubedda	583967	Sarubedda	18.34405	82.983731
169	Andhra Pradesh	Visakhapatnam	Chintapalli	Anjuali Sanivaram	11	Anjuali Sanivaram	17.8683333	82.5697222
170	Andhra Pradesh	Visakhapatnam	Chintapalli	Cherukumpakalu	73	Cherukumpakalu	17.9361111	82.3794444
171	Andhra Pradesh	Visakhapatnam	Chintapalli	Kotagummala Colony	19	Kotagummala Colony	17.9876056	82.3800806
172	Andhra Pradesh	Visakhapatnam	Chintapalli	Kothapalam	2	Kothapalam	17.9127111	82.3066722
173	Andhra Pradesh	Visakhapatnam	Chintapalli	Samagiri	119	Samagiri	17.7714972	82.4822639
174	Andhra Pradesh	Visakhapatnam	Chintapalli	Vangasara	24	Vangasara	17.9069444	82.4044444
175	Andhra Pradesh	Visakhapatnam	D.Guda	Arama	583865	Arama	18.2565889	82.7474333
176	Andhra Pradesh	Visakhapatnam	D.Guda	Guntaseema	583890	Guntaseema	18.2688333	82.6852167
177	Andhra Pradesh	Visakhapatnam	D.Guda	Kondrum	583897	Kondrum	18.3075028	82.7609806
178	Andhra Pradesh	Visakhapatnam	D.Guda	Suvva	583864	Suvva	18,4246083	82.802325
179	Andhra Pradesh	Visakhapatnam	Dumbriguda	Busiput	583888	Busiput	18.2985417	82.6031028
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NO	82.640825	82.71903	82.20688611	82.1054	82.21638056	82.28895833	82.3559111	82.25308	82.30443333	82.1808778	82.23139167	82.14525	82.1381
	18.1989639	18.252625	17.96443056	17.5647	17.88618333	17.76702222	17.805525	17.9619	17.94401111	17.9065389	17.78776667	17.8394611	17.8263
Name of Tower site/ Location	Gasaba	Lyganda	A Darakonda	Aakuluru	Bonangipalli	Chaparathipalem	Damunapalli	Gollapalli	Jerilla	Lankapakalu	Nerellabanda	P K Gudem	Pamurai
Village code as per census	583860	583889	585409	585440		122	585547	585440		585445	124		585414
Name of Village	Gasaba	Layganda	A Dharakonda	Aakuluru	Bonangipalli	Chaparathipalem	Damunapalli	Gollapalli	Jerilla	Lankapakalu	Nerellabanda	P K Gudem	Pamurai
Name of Block	Dumbriguda	Dumbriguda	G K Veedhi										
Name of the District	Visakhapatnam												
State	Andhra Pradesh												
ON NO	180	181	182	183	184	185	186	187	188	189	190	191	192
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FONC	82.140411	82.2254	82.18215833	82.15941389	82.172286	82.253896	82.307119	82.289608	82.291982	82.3855667	82.4988944	82.429038	82.4422167
LAT.	17.7935444	17.9514	17.84516111	17.80864722	17.825075	17.834202	17.860454	17.828348	17.90966	18.0931639	18.0480667	18.089395	18.1337167
Name of Tower site/ Location	Pedda Agraharam	Thadakapalli	Theemulabanda	Vada mamidi	Kumkumpudi	Devarapalli	Rinthada	Sankada	Vanchula	Killamkota Bandhaveedhi	Korapalli	Madathakonda	Maddigaruvu
Village code as per census	102	585396	107	103	105	585518	585526	585524	585469	584813	584890	584805	584840
Name of Village	Pedda Agraharam	Thadakapalli	Theemulabanda	Vada mamidi	Kumkumpudi	Devarapalli	Rinthada	Sankada	Vanchula	Kallamkota Bandhaveedhi	Korapalli	Madathakonda	Maddigaruvu
Name of Block	G K Veedhi	G K Veedhi	G K Veedhi	G K Veedhi	G KVeedhi	G.K.Veedhi	G.K.Veedhi	G.K.Veedhi	G.K.Veedhi	G.Madugula	G.Madugula	G.Madugula	G.Madugula
Name of the District	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam									
Safe	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh									
S	193	194	195	196	197	198	199	200	201	202	203	204	205

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SI. No.	State	Name of the District	Name of Block	Name of Willage	Village code as per census	Name of Tower site/ Location		LONG
206	Andhra Pradesh	Visakhapatnam	G.Madugula	Rapalle	584820	Rapalle	18.123908	82.458334
207	Andhra Pradesh	Visakhapatnam	G.Madugula	Solabum Ghat	585011	Solabum Ghat	17.9736444	82.5837444
208	Andhra Pradesh	Visakhapatnam	Hukumpeta	Addumanda	584533	Addumanda	18.1098194	82.7011639
209	Andhra Pradesh	Visakhapatnam	M.Put	Bungaputtu	105	Bunga puttu Village	18.33461389	82.37488889
210	Andhra Pradesh	Visakhapatnam	M.Put	Busiputtu	253	Busiputtu Village	18.29854167	82.60310278
211	Andhra Pradesh	Visakhapatnam	M.Put	Labburu	35	Labburu Village	18.44068611	82.50554167
212	Andhra Pradesh	Visakhapatnam	M.Put	Mebha	22	Mebha Village	18.48550278	82.51811111
213	Andhra Pradesh	Visakhapatnam	M.Put	Onugumma	18	Onugumma village	18.49122778	82.47075
214	Andhra Pradesh	Visakhapatnam	M.Put	Peddaguda	217	Pedaguda village	18.35529722	82.58142222
215	Andhra Pradesh	Visakhapatnam	M.Put	Poliputtu	83	Poliputtu village	18.43009167	82.51251389
216	Andhra Pradesh	Visakhapatnam	M.Put	Rakasirayi	270	Rakasirayi Village	18.38779722	82.45281389
217	Andhra Pradesh	Visakhapatnam	M.Put	Rangabailu	39	Rangabailu Village	18.44573889	82.42280278
218	Andhra Pradesh	Visakhapatnam	Mampa	Boddumamidi	585570	Boddumamidi	17.773716	82.136074

APPENDICAL CAR												l	
	82.198448	82.094279	82.151129	82.183787	82.429127	82.412248	82.455384	82,428721	82.530205	82.1836222	82.3412833	82.3878194	82.1957444
	17.765201	17.769167	17.744613	17.624255	18.307501	18.368926	18,441712	18.277122	18.38607	17.7736361	17.7046972	17.6056417	17.7177861
Name of Tower site/ Location	Garimanda	Marripakalu	Pokalapalem	Revalla	Babusala Village	Jabada Village	Kodamjola Village	Kumada	Sujanakota village	Annavaram	Anthada	Balaram	Balarevula
Village code as per census	585572	585561	585567	585602	197	64	09	262	163	20	127	109	38
Name of Village	Garimanda	Marripakalu	Pokalapalem	Revalla	Babusala	Jabada	Kodamjola	Kumada	Sujanakota	Annavaram	Anthada	Balaram	Balarevula
Name of Block	Mampa	Mampa	Mampa	Mampa	Munchingput	Munchingput	Munchingput	Munchingput	Munchingput	Narsipatnam	Narsipatnam	Narsipatnam	Narsipatnam
Name of the District	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam	Visakhapatnam								
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh								
SI. No.	219	220	221	222	223	224	225	226	227	228	229	230	231

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POVE	82.0364222	4725	20667	77861	74889	35194	54222	33056	10444	5583	9611	413	3306
	82.03	82.154725	82.1920667	82.0577861	81.9374889	82.0935194	82.0364222	82.3763056	82.0450444	82.1355583	82.0569611	82.304413	82.0093306
	17.7292222	17.7380722	17.6793167	17.7326944	17.7780194	17.8237194	17.7299806	17.7279139	17.8325639	17.757788	17.7758333	17.46466	17.6358056
Name of Tower site/ Location	Budharalla	Cheedipalli	Chintavanipalem	Gangavaram	M Bhimavaram	Mandapalli	Palakajeedi	PedaMakavaram	Puttakota	Rajulapadu	Revulakota	Turapalagedda	U.Cheedipalem
Village code as per census	25	16	47	20	2	8	12	119	9	19	11	95	15
Name of VIIIage	Budharalla	Cheedipalli	Chintavanipalem	Gangavaram	M Bhimavaram	Mandapalli	Palakajeedi	PedaMakavaram	Puttakota	Rajulapadu	Revulakota	Turapalagedda	U.Cheedipalem
Name of Block	Narsipatnam	Narsipatnam											
Name of the District	Visakhapatnam	Visakhapatnam											
State	Andhra Pradesh	Andhra											
52	232	233	234	235	236	237	238	239	240	241	242	243	244

()2001231282953e544	, ,			•			1	ı	T	ı	-1	1	
Long	81.7127361	82.6595278	82.7403556	82.7844167	82.7871889	82.547243	82.446146	82.426289	82.47034	82.506422	82.535085	82.473168	82.500231
<u>K</u>	17.7650417	18.0179167	18.0598389	17.9612306	18.0026667	18.178722	18.165778	18.184318	18.217404	18.134503	18.249481	18.171395	18.281279
Name of Tower site/ Location	Valugudem	Bangarumetta	Dallapalli	Devapuram	Salugu	Bangarumamidi	Bongaram	Dosalabandha	Gullelu	Kunthurla	Laxmipeta	Lingeti	Parreda
Village code as per census		584672	584714	584771	584765	583805	583766	583788	583716	583813	583659	583799	583578
Name of Village	Valugudem	Bangarumetta	Dallapalli	Devapuram	Salugu	Bangarumamidi	Bongaram	Dosalabandha	Gullelu	Kunthurla	Laxmipeta	Lingeti	Parreda
Name of Block	Narsipatnam	Paderu	Paderu	Paderu	Paderu	Pedabayalu							
Name of the District	Visakhapatnam												
State	Andhra Pradesh												
SI. No.	245	246	247	248	249	250	251	252	253	254	255	256	257

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TONE TO THE TONE T	82.02613333	82.150025	83.470556	83.586944	83.537247	83.492778	83.483333	83.616714	83.613339	83.646956	83.560558	83.681136	83,613336
La Carte de la Car	17.92335556	18.04032222	19.06	19.038628	18.973353	19.025833	18.976389	19.116689	19.0175	19.091008	19.014172	19.012503	19.081964
Name of Tower site/ Location	Nelajartha	Petrai	Beerupadu	Chaparayi Binnidi	Deruvada	Goipaka	Jarna	Kesari	Kurasingi	Malluguda	Mantrajola	Puttijammuvalasa	Thota
Village code as per census	313050	313013	581893	581865	581926	581885	581930	581826	581874		581870	581908	581822
Name of Village	Nelajartha	Petrai	Beerupadu village	Chaparayibinnidi	Deruvada	SC Goipaka village	Jarna village Village	Kesari village	Kurasingi Village	Malluguda Village	Mantrajola	Puttajammu	ТНОТА
Name of Block	Sileru	Sileru	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram	G L Puram
Name of the District	Visakhapatnam	Visakhapatnam	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
SI. No.	271	272	273	274	275	276	277	278	279	280	281	282	283

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PNOT	83.538333	83.629444	83.621406	83.657222	83.643333	83.335639	83.501611	83.342261	83.402842	83.353639	83.552528	83.588728	83.676411
	18.778056	18.8575	18.841667	18.830556	18.83	18.944278	18.953661	18.9803	18.986758	19.001411	18.915333	18.906786	18.852508
Name of Tower site/ Location	China kudama	Kondachilakam	Nidagalluguda	P.T.Manda	Pedadorja	Gorlima	Gunada Teelesu	Lanji	Masimanda	Pudesu	Gummidiguda	Nareduvalasa	Podi
Village code as per census	582082.	582056	582053	582059	582060	581734	581760	581729	581723	581729	581995	582005	582009
Name of Village	chinakudhama	Kondachilakam	Nidagalluguda	PT MANDA	Peda Dorja	Gorlima	Gunada Teelesu	Lanji	Masimanda	Pudesu	GummidiGuda	Nareduvalasa	Podi
Name of Block	Jiyyammavalasa	Jiyyammavalasa	Jiyyammavalasa	Jiyyammavalasa	Jiyyammavalasa	Komarada	Komarada	Komarada	Komarada	Komarada	Kurupam	Kurupam	Kurupam
Name of the District	Vizianagaram												
State	Andhra Pradesh												
S. No.	284	285	286	287	288	289	290	291	292	293	294	295	296

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		83.562175	83.642061	83.155792	83.1727	83.746122	83.759192	83.670006	83.726969	83.801958	83.700014	83.670858	83.744464	83.685564
TA		18.9129	18.942931	18.700289	18.328961	18.815556	18.838336	18.892222	18.856128	18.836967	18.955572	18.936969	18.790014	18.824744
Name of Tower site/	Location	Shekupadu	Yegulavada	Nanda	Kondaparthy	Bheempuram	Jarada	Nagara	Naiduguda	Tittiri	udayapuram	Uridi	Vobbangi	Voosakonda
Village code as	per census	581993	581945	582190	218016	582031	582024	581984		582027	581955	581949	582037	582019
Name of Village		Sekupadu	Vegulavada	Nanda	Kondaparthi Village	Bheempuram	Jarada	Nagara	Naiduguda	Tittiri	Udayapuram	Uridi	Obbangi	Voosakonda
Name of Block		Kurupam	Kurupam	Makkuva	Mentada	Neelakantapuram								
Nameorthe	District	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram
Crate		Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
7	Ż	297	298	299	300	301	302	303	304	305	306	307	308	309

LONG	83.109739	83.083358	83.062453	8061	4858	1692	9725	1392	929	5842	358	1083	3264
	83.10	83.08	83.06	83.168061	83.044858	83.061692	83.099725	83.111392	83.21929	83.085842	83.470358	83.291083	83.278264
	18.540011	18.354744	18,443156	18.381881	18.431956	18.468578	18.371692	18.353906	18.439064	18.528081	18.760289	18.775153	18.742514
Name of Tower site/ Location	Ajuru	Beside Health sub center which is under construction,,	Ippalaguddi	Jeedigumanumetta Before Kerangi village	Katraguddi	Kuntam	Near about 300 mts to village, Chitteleba	Sathabi	West side of the village, Alúru	West side of the village, Roddavalasa	Bitratonki	Kottavalasa	Lidikavalasa
Village code as per census	582440			582492			582476	582479	582467				582155
Name of VIllage	Ajuru	Thanglam	Ippalaguddi	Kerangi	Katraguddi	Kuntam	Chittelaba	Sathabi	Aluru	Roddavalasa (Malamaidi)	Bitratonki	kothavalsa	Lidikivalasa
Name of Block	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Pachipenta	Parvathipuram	Parvathipuram	Parvathipuram
Name of the District	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh
is S	310	311	312	313	314	315	316	317	318	319	320	321	322

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DNOT	83.270922	83.145467	83.100583	83.094875	83.264469	81.382907	81.44558	81.30354	81.29832	81.321081	81.4961	81.35601	81.4533
X	18.732567	18.716164	18.693917	18.614978	18.617497	17.243284	17.34368	17.34304	17.3179	17.323432	17.32494	17.30362	17.298333
Name of Tower site/ Location	Thadangivalasa	Monangi	Paguluchenneru	Sariki	Thadilova	Dandipudi	Gogumilli	Gubbalamangamma teple	Kamavaram	Korsavarigudem	Kotrupalli	Lankapakalu	Munjaluru
Village code as per census	582160	582361	582370	582391	582420	588046	588042	1	1	588034	588040	2	588038
Name of Village	Thadangivalasa	Monangi	Paguluchenneru	Sarika	Thadilova	Dandipudi	Gogumilli	Gubbalamangamma temple	Kamavaram	Korsavarigudem	Kotrupalli	Lankapakalu	Munjuluru
Name of Block	Parvathipuram	RB Puram	RB Puram	RB Puram	RB Puram	Buttaigudem	Buttaigudem	Buttaigudem	Buttaigudem	Buttaigudem	Buttaigudem	Buttaigudem	Buttaigudem
Name of the District	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	Vizianagaram	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari
SER	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh							
SI	323	324	325	326	327	328	329	330	331	332	333	334	335



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LONG	81.368534	81.49161	81.248333	81.084934	81.197298	81.495758	81.53	81.512993	81.590388	81.590388	81.276065	84°06'59.03" E	86°17'20.6" E
X	17.197331	17.34882	17.304167	17.59583	17.53325	17.381618	17.24442	17.369028	17.36104	17.36104	17.497922	27°24'05.91" N	24°34'5.9" N
Name of Tower site/ Location	Ravigudem	Vurrinka	Ankannagudem	Chiravalli Village Main Center	Dacharam Village Main Center	Chilakaluru	Jillelagudem	Main Center, Gaddapalli	Thutigunta Ghati	Vadapalli Konda	Near M.P.U.P School, Kannaigutta Village	Gobarhiya PS	D coy new location gurpa (SSB)
Village code as per census	288090	588041	588008	8	16	588088	588013	588089	288096	588278	588159		
Name of VIIIage	Ravigudem	Vurrinka	Ankannagudem	Chiravalli	Dacharam	Chilakaluru	Jillelagudem	Geddapalli	Thutigunta	Vadapalli	Kannaigutta		
Name of Block	Buttaigudem	Buttaigudem	JEELUGUMILLI	Kukkunoor	Kukkunoor	Polavaram	Polavaram	Polavaram	Polavaram	Polavaram	Velairpad		
Name of the District	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	West Godavari	Bagaha	Gaya
State	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Andhra Pradesh	Bihar	Bihar
당0	336	337	338	339	340	341	342	343	344	345	346	347	348

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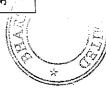
LONG	86.147217	83°32'27.55 E	83°37'38.82 E	86.183472	86.32993	86.51858	86.52342	86.475106	86°25'59.04 E	83°48′40.988″ E	83°47'36,742" E	N 83°57'45.15" E	83°54'48.074" E
	25.276503	24°50'47.21 N	24°35'17.58 N	25.23976	25.14581	25.159509	25.00382	25.165894	25°3'53.07 N	24°49'19.846" N	24°42'44.002" N	24°46'43.241"N	24°45'49.862" N
Name of Tower site/ Location	Pathua	Karar (CRPF)	Sarodag (CRPF)	Rahatpur (saidpura)	Hil block	Daman koh	Islampur	Ramankabad	Bhimbandh (CRPF)	Auria	Banda	Bukharwa	Chapri
Village code as per census													
Name of Willage			,										
Name of Block	Pipariya			Pipariya	Surygadha	Khargpur	Khargpur	Khargpur					
Name of the District	Jehanbad	Kaimur	Kaimur	Lakhisarai	Lakhisarai	Munger	Munger	Munger	Munger	Rohtas	Rohtas	Rohtas	Rohtas
State	Bíhar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar	Bihar
SI. No.	349	350	351	352	353	354	355	356	357	358	359	360	361

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DNOT	83°55'8.665" E		23.686375	23.59183611	23.74042222	23.58203056	23.89829722	23.46518056	23.79946389	31.23363056	23.82851667	23.69760833	23.56309444
	24°37'22.742" N	86.06382222	85.76158056	86.38499722	85.94601389	85.82226944	85.67458889	86.34235833	85.72610833	76.49780833	85.89959444	86.02953056	86.166275
Name of Tower site/ Location	Rohtas Gadh Fort	Ahardih	Aiyar	Banshgari	Chalkari	Chargi	Chhotki Sidhbara	Gamarya	Gose	Jagashwar Bihar	Kanjkiro	Khutri	Kuma
Village code as per census													
Name of Village													
Name of Block	,												
Name of the District	Rohtas	· Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro	Bokaro
State	Bihar	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
SI.	362	363	364	365	366	367	368	369	370	371	372	373	374

LAT	23.85						63889 24.29062778						93056 24.34483889
Name of Tower site/ L	ıi 85.76	Madhuria 86.26500278	85.75493611	Baniabandh 85.0444	ВНАЦИАНІ 84,67590278	Birlutudag 84.9839		a 85.052	k 85.1313	ha 84.93945	Kenduasahor 85.0769	nga 85.03573889	Lawaloung 84.85993056
Village code as Nam per census	Lodhi	Mad	Tisri	Bani	ВНА	Birlı	Garia	Guría	Ichak	Jaldiha	Кеп	Laranga	Law
Name of VIII age													
Name of Block													
Varme of the District	Bokaro .	Bokaro	Bokaro	Chatra	Chatra	Chatra	Chatra	Chatra	Chatra	Chatra	Chatra	Chatra	Chatra
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
SJ. No.	375	376	377	378	379	380	381	382	383	384	385	386	387

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88	Sate	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	LYI	TONG
388	Jharkhand	Chatra				Madanpur	84.74751667	24.32692778
389	Jharkhand	Chatra				Mayurhand	85.26602222	24.27493056
390	Jharkhand	Chatra				Paramatu	84.77083611	24.09548056
391	Jharkhand	Chatra				Pathel	85.0684	24.4049
392	Jharkhand	Chatra				Piri	85.11167778	24.00183056
393	Jharkhand	Chatra				Rajdhar	85.03961389	23.74532778
394	Jharkhand	Chatra				Saradhu	84.98565833	23.84125833
395	Jharkhand	Chatra				Sikid	84.81523889	24.26606111
396	Jharkhand	Chatra				Sikid	85.0186	24.3936
397	Jharkhand	Chatra				Sikri	85.012675	24.06543056
398	Jharkhand	Chatra				Torar	85.19151667	23.99109167
399	Jharkhand	Chatra				Tutilwa	85.03712222	24.02705
400	Jharkhand	Deoghar				Devipur	86.53729722	24.34104722

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S.	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	*	5NOT
401	Jharkhand	Deoghar				Kalhajor	86.95595	24.38882778
402	Jharkhand	Deoghar				Nagadari	86.67060556	24.15833611
403	Jharkhand	Dhanbad				Chaulduha	86.53578611	23.74965833
404	Jharkhand	Dhanbad				Dumaria	86.51528333	23.87194722
405	Jharkhand	Dhanbad				Dumurya	86.64856389	23.70921111
406	Jharkhand	Dhanbad				Kaladabar	86.62978056	23.8363
407	Jharkhand	Dhanbad				Kashitanr	86.51808056	23.94735
408	Jharkhand	Dhanbad				Panjania	86.37264722	23.93021389
409	Jharkhand	Dhanbad				Sarkardih	86.56162222	23.86359722
410	Jharkhand	Dhanbad	÷			Urma	86.69278056	23.72364167
411	Jharkhand	Dumka				Danro	87.35356944	24.50590556
412	Jharkhand	Dumka				Dhekeheghongha	87.14920278	24.42679444
413	Jharkhand	Dumka				Jhilua	87.13620556	24.22835278



9.01	24.48305556	24.47198611	24.506325	22.26368333	22.42196111	22.53473889	22.92391111	22.50762222	22.46388333	22.36964167	22.71193611	22.66774167	22.33437222
	87.3608333	87.24581389	87.12279167	86.66821944	86.70936667	86.67131111	86.309425	86.78764167	86.53209722	86.70382222	86.52811944	86.327525	86.77139722
Name of Tower site/ Location	Kulapathar	Kulhoriya	Lagwa	Bamdol	Baramara	Bardikanpur	Beldih	Bend	Bhalki	Bhandarshol	Bharwadih Picket	Bhatin ··	Bhutiya
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Dumka	Dumka	Dumka	East Singhbhum	East Singhbhum	East Singhbhum							
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
S.	414	415	416	417	418	419	420	421	422	423	424	425	426

	1	1		1		:					,		
TONG	22.85918056	22.43171667	22.54431111	22.82293889	22.51373889	22.3656	22.53194167	23.15336111	22.30959444	22.90589722	22.27656111	22.57211944	22.49018889
IAT	86.41806389	86.667375	86.21056667	86.41087222	86.72158056	86.50598611	86.59805278	86.54905556	86.83334167	86.43444167	86.7887	86.18033611	86.30985
Name of Tower site/ Location	Churda	Jamua	Janamdi	Jhunjka	Jirapara	Jiyan	Jugisol	Kojdah	Lodhanbani	Mahulbani	Panchruliya	Poradiha	Rangamatiya Picket
Village code as per census				,									
Name of Village			The second secon										
Name of Block			-										
Name of the District	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum	East Singhbhum
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
SI. No.	427	428	429	430	431	432	433	434	435	436	437	438	439

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TONG	22.98945	22.25084167	22.30536944	22.54898333	22.844625	22.36504722	22.37069444	22.91888889	24.33849444	23.71405833	23.61027778	23.8149	24.00632778
LAT	86.37446111	86.73445556	86.79533611	86.55825556	86.33432778	86.83237222	85.60024722	87.08388889	83.69214167	83.75443333	83.81	83.78167222	83.725175
Name of Tower site/ Location	Rasiknagar	Sakra	Sanra	Sarbila	Sari	Shardiha	Shyam Sundarpur	Virdah	Adar Lahasur	Bargarh	Barkal	Barwa	Barwadih
Village code as per census													
Name of Village													
Name of Block													
Name of the District	East Singhbhum	East Singhbhum	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa						
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand						
SI, No.	440	441	442	443	444	445	446	447	448	449	450	451	452





TONG	24.00355	23.73611111	23.79916667	24.000525	23.73822222	23.83890556	23.68916667	23.88804722	24.17566944	24.032175	24.47111111	24.42230278	24.04319167
¥	83.725175	83.825	83.94333333	83.58416667	83.889	83.83988889	83.794825	83.73551111	83.56613333	83.558925	83.55972222	83.726325	83.62928056
Name of Tower site/ Location	Barwadih	Bhandaria P S	Bichka	Bilaitikhair	Binda	Birajpur	Birgawan	Bisrampur	Bulka	Chapkali	Chatakund	Chataniantoli	Chinia P S
Village code as per census										·			
Name of Village													
Name of Block													
Name of the District	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
2 S	453	454	455	456	457	458	459	460	461	462	463	464	465

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LONG	23.87642778	24.33422222	24.31711111	23.01388889	23.960925	23.78217222	23.77406667	24.02629722	24.38155556	24.20591389	24.49807778	24.43489444	23.95165556
TV	83.65040556	83.54416667	83.53658333	83.7544444	83.75850556	83.72917222	83.83681667	83.79944722	83.23996944	83.45167778	83.55424722	83.44392222	83.51705833
Name of Tower site/ Location	Chutru	Dahedya	Garbandh	Honhekhurd	Hurdag	jANEWA	Jonhikhand	Kachanpur	Kailantola	Katharkala	Ketar P S	Kharawndhi	Khuri
VIIIage code as per census						·							
Name of Willage													
Name of Block													
Name of the District	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
SI. No.	466	467	468	469	470	471	472	473	474	475	476	477	478

Khutia Kodwa Kodwa Kodwa Kulhi			INTERNATION OF THE PROPERTY.	Nome (LVII) age	Village code as	Name of Tower site/	LAT	Long
Khutia Kodwa Kodwa Kulhi Kul	rental year	Name Orune District			per census	Location		
Kodwa Kodwa Kulhi Kulhi Kulhi Kulhi Kulhi Kulhi Kulhi Kulhi Kulha Kunbakhurd Kunbakhurd Kutku Kutku Kutku Madgari Madgari Madgari Markhur Murkhur Murkhur Palhe Panchpheri Panro		Garhwa				Khutia	83.39555278	24.13384167
Kulhi Kulhi Kulhi Kumbakhurd Kumbakhurd Kumbakhurd Kutku Kutku Madgari Loka Aganbari Madgari Markhur Murkhur Palhe Palhe Panchpheri Parro		Garhwa				Kodwa	83.50320556	24.05525833
Kulhi Kumbaichurd Kupa Kupa Kutku Kutku Madgari Madgari Markhur Murkhur Palne Palne Panchpheri Parro		Garhwa				Korwadih Bahratoli	83.94338889	23.62880556
Kumbakhurd Kupa Kutku Kutku Madgari Madgari Markhur Murkhur Palhe Palhe Parro		Garhwa				Kulhi	83.90030556	23.63569444
Kutku Kutku Madgari Madgari Murkhur Palhe Parro		Garhwa				Kumbakhurd	83.428975	24.31056667
Kutku Loka Aganbari Madgari Murkhur Palhe Panchpheri Parro		Garhwa				Kupa	83.51459444	24.43858056
Loka Aganbari Madgari Murkhur Palhe Panchpheri Parro		Garhwa				Kutku	83.988175	23.69376667
GarhwaMadgariGarhwaMurkhurGarhwaPalheGarhwaPanchpheriGarhwaParro		Garhwa				Loka Aganbari	83.74011111	24.35254444
Garhwa Murkhur Garhwa Garhwa Garhwa Panchpheri Garhwa Parro		Garhwa				Madgari	83.92486111	23.675
Palhe Panchpheri Panro	Jharkhand					Murkhur	83.92972222	23.91769444
Panchpheri Parro Parro		Garhwa				Palhe	83.63412222	23.95263056
Garhwa		Garhwa				Panchpheri	83.44833333	24.07027778
						Parro	83.96616111	23.73739722

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'IS	State	Name of the	Name of Block	Name of Village	Village corle as	Name of Tower site/	LY K	
Ż		Districe			percensus	Location		
492	Jharkhand	Garhwa				Pat	83.92694444	23.83361111
493	Jharkhand	Garhwa				Patara	83.680225	24.27582222
494	Jharkhand	Garhwa				PolPol	83.98222222	23.66280278
495	Jharkhand	Garhwa				Raji	83.41032778	24.45665833
496	Jharkhand	Garhwa	÷			Rakshi	83.91825278	23.89003333
497	Jharkhand	Garhwa				Raksi	83.3922	24.16991389
498	Jharkhand	Garhwa	·			Ramkanda	83.882725	23.86689444
499	Jharkhand	Garhwa				Rampur	83.76001944	24.27492222
500	Jharkhand	Garhwa				Ranpura	83.60108056	23.95016667
501	Jharkhand	Garhwa				Rapura	83.67985278	24.45703333
502	Jharkhand	Garhwa				Sanghali	83.89577778	23.69888889
503	Jharkhand	Garhwa				Sinjo	83.84194444	23.78944444
504	Jharkhand	Garhwa				Siroikela	83.69333333	23.94916667
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LONG	24.46255278	24.22758056	24.4628	24.22344722	23.92530556	22.92793056	24.19779722	24.04494722	24.37226389	24.43184722	24.00920556	24.00476389	24.40805556
LAT	83.46904444	83.66528333	83.42775556	83.68378889	83.89508333	84.40800556	85.79682778	86.32414722	85.99224444	86.34806389	86.31932778	86.26323333	86.34290833
Name of Tower site/ Location	Sisri	SOHBARIA	Sundi	Tenar	Udaypur	Ahilyapur	Amnari	Angaia	Argali	Badwara	Barwadih	Barwadih2	Barwanbahiar
Village code as per census													
Name of Willage													
Name of Block									1.4				
Name of the District	Garhwa	Garhwa	Garhwa	Garhwa	Garhwa	Giridih							
State	Jharkhand												
SI. No.	505	506	507	508	209	510	511	512	513	514	515	516	517

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2 S	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location		LONG
518	Jharkhand	Giridih				Belakhunta	85.84281111	24.59141111
519	Jharkhand	Giridih				Bhandari	86.02448889	24.55531111
520	Jharkhand	Giridih				Bhelvaghaty	86.21953611	24.602875
521	Jharkhand	Giridih				Bhogtadih	86.10076944	24.59174722
522	Jharkhand	Giridih				Biharo	85.741275	24.126325
523	Jharkhand	Giridih				Chainpur	86.07235278	24.0177
524	Jharkhand	Giridih				Charghara	86,4744	24.22123333
525	Jharkhand	Giridih				Chunglo	86.308625	24.07702222
526	Jharkhand	Giridih				Dharampur	86.122175	24.22653889
527	Jharkhand	Giridih				Dhelua	85.92614722	24.66203333
528	Jharkhand	Giridih				Fuljori	86.49113611	24.25473611
529	Jharkhand	Giridih				Golgo	86.37738056	24.40150833
530	Jharkhand	Giridih				Hardia	85.94085556	24.68459722
		And the second of the second o						

302 37 303 301.77 903	"	1							-				
LONG	24.53970833	23.96239444	24.56389722	24.48833889	24.52111111	24.46227222	25.33833889	24.380275	24.59539167	24.37100833	24.66	24.52000556	24.55670556
IAT	86.28959167	86.23694722	85.81648333	86.06828056	85.88262222	85.865	86.05664167	86.08805278	86.03437222	86.355575	85.84	86.05198611	#VALUE!
Name of Tower site/ Location	Hariadih	Hariladih2	Harlaghati	Jadu Raidih	Jamdar	Jamdiha	Jitpur	Karodih	Katkoko	Khariodih	Kharsan	Khatauri	Khijuri
Village code as per census													
Name of Village	S FORTER IN A PARTICULAR AND THE PROPERTY OF AN ANALYSIS AND THE PROPERTY OF AN ANALYSIS AND THE PROPERTY OF A							-					
Name of Block							-						
Name of the District	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
SI. No.	531	532	533	534	535	536	537	538	539	540	541	542	543

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LONG	24.62144722	24.27521389	24.70173056	24.55371944	24.66454167	24.31815556	24.35945	24.66992222	24.52804167	24.08116667	24.08382778	24.54712222	24.254425
	86.08376389	86.17501111	85.97365833	85.86561944	86.00891389	86.10909722	86.19846111	86.00412222	86.01124444	86.38453611	86,42265556	85.97825833	86.10029167
Name of Tower site/ Location	Kodaibank	Kubri	Lapariar	Laudria	Lokai Nayanpur	Manikadih	Merho Chaparkho	Narainpur	Palmarua	Pandari	Pandna	Papilo	Paramania
Village code as per census													
Name of VIIIage					-								
Name of Block													
Name of the District	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih	Giridih
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
30	544	545	546	547	548	549	550	551	552	553	554	555	556

٥		299	222	144	167		144	. 688)56	299	722		144
CONG	24.16965	23.98436667	24.25882222	24.07259444	24.17999167	24.286925	24.56724444	24.29648889	22.92793056	23.24736667	23.37014722	23.1723	23.25349444
L	85.80360833	86.19918056	86.38224444	86.18678889	86.02278056	85.87695556	85.93720278	86.13224444	84.40800556	84.61266111	84.29415833	84.3881	84.72746389
Name of Tower site/ Location	Parasia	Parbatpur	Patrodih	Purnanagar	Purnidih	Rupaidih •	Sankh	Simartanr	Taratand	Badri	Bahagara	Bamda	Chegri
Village code as per census													
Name of Village													
Name of Block							·						
Name of the District	Giridih	Gumla	Gumla	Gumla	Gumla								
State	Jharkhand	Jharkhand	Jharkhand										
SI No:	557	558	559	260	561	\$62	563	564	565	566	267	268	269

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äź	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	LAT	FONG
570	Jharkhand	Gumla				Chipri	84.36060556	23.40119722
571	Jharkhand	Gumla				Chundri	84.55579722	23.33581944
572	Jharkhand	Gumla				Dardag	84.31585278	23.47767778
573	Jharkhand	Gumla				Debidih	84.2452	22.9803
574	Jharkhand	Gumla				Dina	84.08849722	23.2701
575	Jharkhand	Gumla				Ghaghra	84.3375	23.16598056
576	Jharkhand	Gumla				Gobindpur	84.15695	22.9742
577	Jharkhand	Gumla				Gurdari	84.25444444	23.31916667
578	Jharkhand	Gumla				Helta	84.36646667	23.32373889
579	Jharkhand	Gumla				Kanrasili	84.3256	23.2103
280	Jharkhand	Gumla				kARMI	84.08835556	23.13005833
581	Jharkhand	Gumla				Kemte	84,32985833	23.01218611
582	Jharkhand	Gumla				Kotam	84.3711	23.1482

5	Chata	Namooftha	Name of Plode	Name of Village	Village code as	Name of Tower site/	IVI	
5 2		District			per census	Location		
583]	Jharkhand	Gumla				Kujram	84.29709722	23.2887
584	Jharkhand	Gumla				Kukurunja	84.4403	23.0593
585	Jharkhand	Gumla				Kulabira	84.67813611	23.06748056
286	Jharkhand	Gumla				Kurumgarh	84.3529	23.1761
587	Jharkhand	Gumla				Kurumgarh	84.33779722	23.16577222
588	Jharkhand	Gumla				Latu	84.34775556	22.99389722
589	Jharkhand	Gumla				Narma	84.27870278	23.40157778
290	Jharkhand	Gumla				Olmunda	84.75370556	23.03298333
591	Jharkhand	Gumla				Oramar	84.3732	23.1953
265	harkhand	Gumla				Raidih	84.40800556	22.92793056
593	Jharkhand	Gumla				Ruki	84.43549167	23.26021667
594	Jharkhand	Gumla				Salami	84.3611	23.2112
295	Jharkhand	Gumla				Sibil	84.3898	23.1282

28	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location		FONG
296	Jharkhand	Gumla				Sursang	84.86381389	22.98568333
597	Jharkhand	Gumla				Tetra	84.7501	22.87
598	Jharkhand	Gumla				Tigra	84.1634	22.9793
599	Jharkhand	Gumla				Turiamba	84.92666667	23.21970278
009	Jharkhand	Hazaribagh				Beram	85.61557778	23.94563333
601	Jharkhand	Hazaribagh	-			Bharajo	85.58448611	24.02639444
602	Jharkhand	Hazaribagh				Birbir	85.705725	23.99039167
603	Jharkhand	Hazaribagh				Chutiaro	85.48445	23.95057778
604	Jharkhand	Hazaribagh				Dumduma	85.73753333	24.27448611
605	Jharkhand	Hazaribagh				Gurhet	85.47554167	23.92877222
909	Jharkhand	Hazaribagh				Irga	85.55777778	23.978075
209	Jharkhand	Hazaribagh				Jagodíh	85.32055278	24.44268611
809	Jharkhand	Hazaribagh				Jatghaghra	85.66498611	24.30199722

	222	8889	389	5111	7222	1444	3333	9167	2778	1667	2999	4167	6944
	24.23877222	24.02908889	24.06641389	24.13056111	24.18837222	23.68634444	24.44328333	24.36889167	22.14132778	23.05001667	22.17756667	22.15564167	22.15456944
W	85.36753333	85.67881389	85.43131667	85.38485	85.40782778	85.13333611	85.43790833	85.37368611	85.00718333	85.0748	85.07443333	85.12752778	85.774475
Name of Tower site/ Location	Kedorat	Kolhu	Kurha	Lotwa	Mahkola	Patal	Piprahi	Toiya	Garai	Gutuhatu	Juiri	Kewra	Kochang
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Hazaribagh	Khunti	Khunti	Khunti	Khunti	Khunti							
State	Jharkhand												
S S	609	610	611	612	613	614	615	616	617	618	619	620	621

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PNOT	22.15456111	22.13540278	23.15336111	22.15475278	23.03042778	22.92277778	22.12642222	24.67976389	24.48966111	24,49904444	24.52351667	24.504375	24.75843333
	85.04391944	85.00788056	85.06891667	85.04890722	85.06831944	85.54472222	85.01620556	85.79781111	85.59899167	85.84705278	85.51715	85.45431667	85.83786667
Name of Tower site/ Location	Latauli	Lowa	Padampur	Rumutkel	Siladon	Todang	Tutikel	Angar	Baghitanr	Beko	Bishunpur	Chanako	Debodih
Village code as per census													
Name of Village													
Name of Block													//
Name of the District	Khunti	Koderma	Koderma	Koderma	Koderma	Koderma	Koderma						
State	Jharkhand												
S No	622	623	624	625	626	627	628	629	630	631	632	633	634

LONG	24.47371667	24.29877222	24.75478056	24.57323056	24.79360278	24.77673889	24.47057222	24.538375	23.84571111	23.37666667	23.72685833	23.61572222	24.05195278
L TW	85.53658611	85.79307778	85.71866111	85.57495	85.84335556	85.86385833	85.79229444	85.58349722	84.90463889	84.24777778	85.25190833	84.32847222	87.83436389
Name of Tower site/ Location	Dobrajpur	Jamu	Kataia	mEGHATARI	Phulwaria	Rajabar	Sitoia	Sitwajunromin	Amarwadih	Arahas	Baresarh	Domakhar	Harhanj
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Koderma	Latehar	Latehar	Latehar	Latehar	Latehar							
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand							
S. No.	635	636	637	638	639	640	641	642	643	644	645	646	647

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SI. No.	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location		FONG
648	Jharkhand	Latehar				Jharna	84.08152778	23.13227222
649	Jharkhand	Latehar				Karamdih	84.0997	23.67835
650	Jharkhand	Latehar				Kita	84.71027778	23.77138889
651	Jharkhand	Latehar				Kone	84.41111111	23.68694444
652	Jharkhand	Latehar				Manatu	84.9237	23.8856
653	Jharkhand	Latehar				Orwai	84.42744556	23.70821111
654	Jharkhand	Latehar				Simakhas	84.28525	23.58436111
655	Jharkhand	Latehar				Tongari	84.17789444	23.73469444
656	Jharkhand	Lohardaga				Bagru	75.57454444	26.83185556
657	Jharkhand	Lohardaga				Kauwadanr	84.50655556	23.59419444
658	Jharkhand	Lohardaga	·			lakhan Mukhiya House, Tuimu	84.50472222	23.23033333
629	Jharkhand	Lohardaga				Panchyat Bhawan, Pesrar	84.53655556	23.52486111
099	Jharkhand	Lohardaga				Police Picket, Gamharia	84.54980556	23.41833333

1715171111111	1	1		- 	•	1		· I	ı		ı	1	
LONG	23.57577778	23.54816667	24.54	24.51604722	24.50201667	24.62012778	24.62012778	24.73422778	24.74692222	24.482875	24.52233889	24.73105278	24.66058056
	84.50258333	84.47247222	87.49	87.57271667	87.74845	87.72033611	87.72033611	87.74212222	87.64501944	87.70408889	87.61197778	87.69415556	87.71795833
Name of Tower site/ Location	Police Picket, Pesrar	Police Picket, Pesrar	Alubera	Amrapara	Bhagwanpur	Daldali	Daldali	Dhawadanga	Gadisorma	Ghatchora	Harishpur	Hathigarh	Karandanga
Village code as per census				·									
Name of Village													
Name of Block													
Name of the District	Lohardaga	Lohardaga	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur	Pakur
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	harkhand	Jharkhand	Jharkhand
SI. No.	661	662	663	664	999	999	299	899	699	029	671	672	673

674 Iharkhand Pakur Korjadih 87.57334722 24.64010778 675 Iharkhand Pakur 87.6146944 24.69531944 24.69531944 670 Iharkhand Pakur Pakuria 87.56146944 24.69531944 677 Iharkhand Pakur Pakuria 87.56146944 24.2527778 679 Iharkhand Pakuria 87.5146944 24.2527778 680 Iharkhand Pakuria 87.5146944 24.2527778 681 Iharkhand Palamu 84.54085 24.1655 683 Iharkhand Palamu 84.4714 24.1656 684 Iharkhand Palamu Buriblir 84.4714 24.16382778 685 Iharkhand Palamu Bariblir 24.1960556 24.10332778 686 Iharkhand Palamu Bariblir 24.10332778 686 Iharkhand Palamu Bariblir 24.10312778	S &	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower-site/ Location	X	9NO'I
Jharkhand Pakur Korladih 87.6697 Jharkhand Pakur 87.6175778 Jharkhand Pakur 87.56146944 Jharkhand Pakur 87.56146944 Jharkhand Palamu 84.54085 Jharkhand Palamu 84.4714 Jharkhand Palamu 84.4714 Jharkhand Palamu 84.41060556 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.4051389	674		Pakur				Karipahari	87.57634722	24.64010278
Jharkhand Pakur Brittipara 87.6175778 Jharkhand Pakur 87.56146944 Jharkhand Palamu 87.56146944 Jharkhand Palamu 87.561315 Jharkhand Palamu 84.54085 Jharkhand Palamu 84.7144 Jharkhand Palamu 84.298025 Jharkhand Palamu 84.298025 Jharkhand Palamu 84.41960556 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.47051389	675		Pakur				Koriadih	87.6697	24.69531944
Jharkhand Pakuria Pakuria 87.56146944 Jharkhand Palamu 84.54085 Jharkhand Palamu 83.9450356 Jharkhand Palamu 84.714 Jharkhand Palamu 84.714 Jharkhand Palamu 84.714 Jharkhand Palamu 84.298025 Jharkhand Palamu 84.4060556 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111	929		Pakur				Littipara	87.61757778	24.69484722
Jharkhand Pakur Surujbera 87.61315 Jharkhand Palamu Apti 84.54085 Jharkhand Palamu Berma 83.94503056 Jharkhand Palamu Burhibir 84.4714 Jharkhand Palamu Burhibir 84.298025 Jharkhand Palamu Burhibir 84.41960556 Jharkhand Palamu Bartibir 84.40586111 Jharkhand Palamu Bartibir 84.40586111	677						Pakuria	87.56146944	24.22527778
Jharkhand Palamu Apti 84.54085 Jharkhand Palamu Bisranw 84.4714 Jharkhand Palamu Burhibir 83.94503056 Jharkhand Palamu Burhibir 83.97844167 Jharkhand Palamu R4.1960556 Jharkhand Palamu Burhibir 84.41960556 Jharkhand Palamu Barhibir 84.41960556 Jharkhand Palamu Barhibir 84.41960556 Jharkhand Palamu Barhibir 84.40586111 Jharkhand Palamu Barhibir 84.47051389	678	<u> </u>	Pakur				Surujbera	87.61315	24.65559722
Iharkhand Palamu Berma 83.94503056 Iharkhand Palamu Burhibir 84.4714 Iharkhand Palamu 84.298025 Iharkhand Palamu 84.41960556 Iharkhand Palamu 84.41960556 Iharkhand Palamu 84.40586111 Iharkhand Palamu 84.40586111 Iharkhand Palamu 84.40586111	629	•	Palamu				Apti	84.54085	24.1689
Iharkhand Palamu B4.4714 Iharkhand Palamu 83.97844167 Iharkhand Palamu 84.298025 Iharkhand Palamu 84.41960556 Iharkhand Palamu 84.40586111 Iharkhand Palamu 84.40586111 Iharkhand Palamu 84.40586111	089		Palamu				Berma	83.94503056	23.96027778
Jharkhand Palamu Burhibir 83.97844167 Jharkhand Palamu Chetma 84.298025 Jharkhand Palamu 84.41960556 Jharkhand Palamu Gawahi 84.40586111 Jharkhand Palamu Kashmar 84.47051389	681	Jharkhand	Palamu				Bisranw	84.4714	24.1656
Jharkhand Palamu Chetma 84.298025 Jharkhand Palamu 84.41960556 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.47051389	682	 	Palamu				Burhibir	83.97844167	24.04235278
Jharkhand Palamu 84.41960556 Jharkhand Palamu 84.40586111 Jharkhand Palamu 84.47051389	683		Palamu				Chetma	84.298025	24.26303889
JharkhandPalamuGawahi84.40586111JharkhandPalamu84.47051389	684		Palamu				Dumri	84.41960556	24.19352778
JharkhandPalamuKashmar84.47051389	685		Palamu				Gawahi	84.40586111	24.11261111
	989	Jharkhand	Palamu				Kashmar	84.47051389	24.10312778

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LOING	24.3221	24.1669	24.50916111	24.1726	24.3061	23.88453333	24.2307	23.56088056	24.2267	24.098075	23.96033889	23.99336389	23.9889
¥	84,4474	84.5153	83.87096389	84.5318	84.4281	83.96977222	84.2807	84.31429167	84.2957	83.91996111	85.65617222	85.60802222	85.72753056
Name of Tower site/ Location	Kundilpur	Mitar	Pansa	Purnadih	Rajkheta	Ramgarh	Rol	Rud	Tisibar	Womar	Amjhariya	Karmatmati	Kodi Camp
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Palam u	Palamu	Palamu	Palamu	Palamu	Palamu	Palamu	Palamu	Palamu	Palamu	Ramgarh	Ramgarh	Ramgarh
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
is \$	687	889	689	069	691	692	693	694	695	969	269	869	669

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S. No.	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location		DNOT
700	Jharkhand	Ramgarh				Salgo	85.616975	23.97006111
701	Jharkhand	Ramgarh				Ukrid	86.0054	23.92206667
702	Jharkhand	Ranchi				Bandheya	85.18666389	23.27738611
703	Jharkhand	Ranchi				ВеЅКАДІН	85.53863056	23.21451111
704	Jharkhand	Ranchi				Chaingadda	85.22311667	23.60283611
705	Jharkhand	Ranchi				Chatra	85.45149167	23.33786667
706	Jharkhand	Ranchi	·			Chirudih	85.64025278	23.21644167
707.	Jharkhand	Ranchi				DsamFall	85.46678056	23.14701944
208	Jharkhand	Ranchi				Jareya	85.47306111	23.227525
709	Jharkhand	Ranchi				Nehalukapariya	84.99	23.21
710	Jharkhand	Ranchi				RARHA	85.29506944	23.56823889
711	Jharkhand	Ranchi				Singarsarai	85.43153333	23.20261389
712	Jharkhand	Ranchi				Singhpur	85.22256944	23.26095556

	_		1						m				9
	22.96526389	23.09187778	22.68440278	23.0364	22.90527778	22.99808056	23.43888889	22.147275	22.88083333	22.75153333	23.39091944	22.82361111	22.89305556
	85.3996	85.96121667	86.09532778	86.12217778	85.72861111	86.09383611	86.55191944	86.417375	85.82027778	86.12201111	86.55641111	85.53972222	85.7825
Name of 1 ower site/ Location	Tati	Bakarkuri	Bankhairbani	Chingra Pankidih	Gomiadih	Gunda	Hatnada	Huragada	Ichadih	Itagarh	Jankipur	Jombra	Meromjanga
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Ranchi	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela	Saraikela
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
ದ <u>9</u>	713	714	715	716	717	718	719	720	721	722	723	724	725

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5	State	Name of the	Name of Block	Name of Village	VIIIage code as	Name of Tower site/		
Ž		District			percensus	Location		
726	Jharkhand	Saraikela				Punisir	85.59	22.87638889
727	Jharkhand	Saraikela				Raghunathpur	85.15209722	22.14718889
728	Jharkhand	Saraikela				Raijama	86.38194444	22.13971389
729	Jharkhand	Saraikela				Reyardah	86.88866667	22.87566667
730	Jharkhand	Saraikela				Udaypur	86.17047778	23.28368889
731	Jharkhand	Simdega				AGHARMA	84.75206944	22.78501667
732	Jharkhand	Simdega				Bangaon	84.15549167	22.51596389
733	Jharkhand	Simdega				Bansjor	84.7061	22.4299
734	Jharkhand	Simdega				Barbera	84.370394	22.55217611
735	Jharkhand	Simdega				Bardega	84.6889	22.4353
736	Jharkhand	Simdega				Barkibiura	84.10633611	22.58535278
737	Jharkhand	Simdega				Bintuka	84.94585	22.5697
738	Jharkhand	Simdega				Ghutbahar	84.58315	22.54111667

Name of the District	Hermania VIII	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	LAT	9.161
Simdega	×3				Jamur Soiya	84,9401	22.5364
Simdega					Kanjoba	84,18753889	22.54399444
Simdega					Keluga	84.84396667	22.55771389
Simdega					Konmenjra	84,44908056	22.58185
Simdega					Konop	84.9775	22.5946
Simdega					Konsode	84.88499722	22.69196667
Simdega					Kormia	84.4	22.44
Simdega					Kundurmunda	84.28	22.38
Simdega					Kuruskela	84.52845023	22.77819167
Simdega					Larba HW	84.72355278	22.74393611
Simdega					Mahabuang	84.95536389	22.71755833
Simdega					Pangur	84.95195	22.5514
Simdega					Raisia	84.75627222	22.67196389

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TONG	22.5825	22.5778	22.68290556	22.84376944	22.765	22.41859444	22.47308611	22.65228056	22.3581	22.3177	31.23363056	22.12166944	21.9814
	84.9694	84.9774	84.31480556	84.35716667	84.43403611	84.20011944	84.44676389	84.770875	85.3989	85.3976	76.49780833	85.78700556	85.7814
Name of Tower site/ Location	Sikrom	Sotasoya	Tainsera	Taiser	Takwa	Talmanga	Taraboga	Tutikel	Agrowan	Akahata	Anandpur	Baliaposi	Balibandh
Village code as per census													
Name of Village													
Name of Block													
Name of the District	Simdega	Simdega	Simdega	Simdega	Simdega	Simdega	Simdega	Simdega	West Singhbhum				
State	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand	Jharkhand
ğŠ	752	753	754	755	756	757	758	759	760	761	762	763	764

			127103777714	Village code as	Name of the second seco		FONG
72	Sale	District		per census	Location		
765	Jharkhand	West Singhbhum			Banki	85.4562	22.3492
992	Jharkhand	West Singhbhum			Bara Baljori	85,47016389	22.189325
792	Jharkhand	West Singhbhum			Barananda	85.60501944	22.23276944
768	Jharkhand	West Singhbhum			Barkundia	85.87331944	22.49910833
692	Jharkhand	West Singhbhum			Bitkilsoya	85.06085	22.1375
770	Jharkhand	West Singhbhum			Bundu	85.3889	22.34
771	Jharkhand	West Singhbhum			Digha Raidih	85.06	22.2296
772	Jharkhand	West Singhbhum			Diruburu	85.40391944	22.18193333
773	Jharkhand	West Singhbhum			Gandkeda	85.2031	22.8008
774	Jharkhand	West Singhbhum			Gangda	85.3981	22.3
775	Jharkhand	West Singhbhum			Gauburu	85.4993	22.3879
276	Jharkhand	West Singhbhum			GHAGHRI	85.81735833	22.59695556
111	Jharkhand	West Singhbhum			Ghatkui	85.3892	22.3008
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5	State	Name of the	Name of Block	Name of Village	Village code as	Name of Tower site/		LONG
o Z		District			per census	Location		
778	Jharkhand	West Singhbhum				Ghodhaduba	85.60423056	22.54447778
779	Jharkhand	West Singhbhum				Goreaduba	85.70009444	22.12470556
780	Jharkhand	West Singhbhum				Husipi	85.4679	22.3607
781	Jharkhand	West Singhbhum				Jamarposi	85.7764	22.00335
782	Jharkhand	West Singhbhum				Jhirjhor	85.47335	22.3208
783	Jharkhand	West Singhbhum				Kadalsokwa	85.4114	22.355
784	Jharkhand	West Singhbhum				Kanka	85.7902	22.0203
785	Jharkhand	West Singhbhum				Kotagarh	85.52578889	22.21313056
786	Jharkhand	West Singhbhum				Kuilsuta	85.4339	22.3584
787	Jharkhand	West Singhbhum			·	Kunmun	85.2267	22.7856
788	Jharkhand	West Singhbhum				Kusmita	85.76	22.16
789	Jharkhand	West Singhbhum				Kusmunda	85.80328889	22.17728889
790	Jharkhand	West Singhbhum				Mahalipokhar	85.7649	22.0047

Ö			389	389				167		299	556		
LONG	22.31245	22.1008	22.15611389	22.25056389	22.3772	22.365	22.3186	22.56104167	22.3801	22.37921667	22.82470556	22.4074	21.9879
LY	85.11852778	84.9952	85.55229167	85.51743889	85.3923	85.4996	85.4189	85.66596667	85.4639	85,39515556	85.70314167	85.4642	85.7664
Name of Tower site/ Location	Makranda	Nawagaon	Padapahar	Pateta	Patung	Pukuriburu	Rajabasa	Rowam	Rutaghutu	Saitawa	Sangajata	Sangajata	Sapramgutu
Village code as per census				-									,
Name of Village													
Name of Block													
Name of the District	West Singhbhum												
Sare	Jharkhand												
έŠ	791	792	793	794	795	796	797	798	799	800	801	802	803

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State Name of the District District	ne inhohum	75.745 51,7 min 5 0 to 76.5 A 15.	Name of Block	Name of Willage	Village code as per census	Name of Tower site/ Location Soga	LAT 85.2103	LONG 22.7771
1 -	hbhum	in a				Sonapos	85.2341	22.7634
Jnarkhand West Singhbhum Jharkhand West Singhbhum	ghbhum					Tarapai	85.85716111 85.4492	22.12110278
Jharkhand West Singhbhum	hbhum					Tembahaka	85.5628	22.4664
Jharkhand West Singhbhum	hbhum					Tinilposi	85.0882	22.1594
Jharkhand West Singhbhum	hbhum					Toklo	85.66558056	22.79371944
Jharkhand West Singhbhum	hbhum					Usram	85.2046	22.7884
Jharkhand West Singhbhum	hbhum					Ututua	85.6053	22.5771
Telangana Adilabad Babera thanda/Boath	Babera thanda/Boath	Babera thanda/Boath	<u> </u>	Babbera thanda	569684	Babbera thanda	19.352222	78.213888
Telangana Adilabad Gundala	Gundala	Gundala		Gundala	569628	Gundala	19.353055	78.536111
Telangana Adilabad Laltekdi	Laltekdi	Laltekdi		Laltekdi	32	Laltekdi	19.40388	78.626111
Telangana Adilabad Narayanpur	Narayanpur	Narayanpur	 	Narayanpur	569703	Narayanpur		78.2752777
							19.288333	

					,								
LONG	78.206111	78.623888	80.209722	80.1575	80.08671	80.37741	80.37841	80.38201	80.14642	80.26972	80.13727	80.642777	80.6999166
LAT	19.408611	19.335833	18.504722	18.410555	18.41352	18.56402	18.46181	18.57712	18,4,2836	18.10372	18.34513	18.233055	18.4397222
Name of Tower site/ Location	Mahaduguda	Waipet	Reddypally	Singaram	Dudekulapalli	Devadula	Eturu	Tupakulagudem	Muknoor	Bandala	Bayyakkapet	Abbanigudem	Jangalapally
Village code as per census	569670	569198	571916	571919	577839	577867	577884	577868	571896	577978	577960	578766	578715
Name of Village	Wajjar	Waipet	Reddypally	Singaram	Dudekulapalli	Devadula	Eturu	Tupakulagudem	Muknoor	Bandai	Bayyakkapet	Abbanigudem	Jangalapally
Name of Block	Wajjar	Sathmori near Chimangudi	Advi Muttaram	Advi Muttaram	Bhupalpally	Eturunagaram	Kannaigudem	Kannaigudem	Mahadevpur	Tadvai	Tadvaí	Venkatapuram	Wazedu
Name of the District	Adilabad	Adilabad	Jayashankar Bhupalapally										
State	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana
5 2	817	818	819	820	821	822	823	824	825	826	827	828	628

LONG													
	80.526111	78.0794	78.2056	79.53355	78.86183	79.05475	79.06351	79.88153	79.05599	79.10478	79.1134	79.0809	79.05054
¥	18.38555	18.4209	18.3944	19.11461	19.36025	19.13183	19, 13446	19.23532	19.31586	19. 07263	19.16329	19.1259	19.17078
Name of Tower site/ Location	Pragalapally	Katewadi	Mudhojiwadi	Rampur	Shivanoor	Loddiguda	Modiguda School	Kamaragaon	Chorpalli	Bandragudem	Danthanpalli	Gopera	Govena
Village code as per census	578733	571343		569879	569551	696695		569439	569759		569971		
Name of Village	Pragalapally	Katewadi	Mudhojiwadi	Rampur	Shivanoor	Loddiguda	Modiguda School	Kamaragaon	Chorpalli	Bandragudem	Danthanpalli	Gopera	Govena
Name of Block	Wazedu	Katewadi	Sadasivanagar	Dahegaon	Jainoor	Lingapur	Lingapur	Pencikalpet	Sirpur	Tiryani	Tiryani	Tiryani	Tiryani
Name of the District	Jayashankar Bhupalapally	Kamareddy	Kamareddy	Komarambheem Asifabad									
State	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana
Si. No.	830	831	832	833	834	835	836	837	838	839	840	841	842



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LONG	79.14412	79.2138	80.062788	80.318028	78.368595	78.3837	78.414	79.04173	79.07588	78.3843	78,99417	79.092832	78.716941
M	19.06181	19.0943	17.754788	17.668955	17.999744	16.0793	16.1555	16.21106	16.18361	16.1676	16.54929	16.518846	19.180465
Name of Tower site/ Location	Mokasiguda	Muraliguda	Mattewada	Mamidigudem	Korvipally	Amaragiri	Farahabad	Ippalapally	Maddimadugu	Mukkidigundem	Chitriyala	Kacharajupally	Gangapur
Village code as per census			578478	578418		576372	8541	575626	575628	576359	577220	577226	570035
Name of Willage	Mokasiguda	Muraliguda	Mattewada	Mamidigudem	Korvipally	Amaragiri	Farahabad	Ippalapally	Maddimadugu	Mukkidigundem	Chitriyala	Kacharajupally	Gangapur
Name of Block	Tiryani	Tiryani	Gudur	Kothaguda	Shankarampet-R	Amaragiri	Amrabad	Amrabad	Amrabad	Mukkidigundem	Chandampet	Neredugommu	Kaddam Sy no.77
Name of the District	Komarambheem Asifabad	Komarambheem Asifabad	Mahabubabad	Mahabubabad	Medak	NagarKurnool	NagarKurnool	NagarKurnool	NagarKurnool	NagarKurnool	Nalgonda	Nalgonda	Nirmal
ales.	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana
S. No	843	844	845	846	847	848	849	850	851	852	853	854	855

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LONG	78.602492	78.667995	78.7	78.009836	78.52952	78.45753	79.15258	79.042167	79,938333	78.042885	83.322281	83.147476	83.067767
	19.244991	19.274315	19.14722	18.490266	18.67795	18.72519	18.99656	19.099861	18.903806	17.744399	24.687316	24.631061	24.796857
Name of Tower site/ Location	Thatiguda	Vasupalli & Domdhari	Ervachinthal	Badapahad	Karepally	Kupkal	Utla H/o Mamidipalli	Alinagar	Annaram	Bommareddygudem	Ketar	Virval	Bahura
Village code as per census	570427	570430 /570431	570440	19					30	æ	213748	213833	214068
Name of Village	Thatiguda	Vasupalli & Domdhari	Ervachinthal	Badapahad	Karepally	Kupkal	Utla H/o Mamidipalli	Alinagar	Annaram	Bommareddygudem			
Name of Block	Khanapur Sv no.148	Khanapur Sv no.18/5	Khanapur Sy no.6	Badapahad / jalalpoor	Karepally	Kupkal	Dandepalli	Jannaram	Kotapally	Pulkal	Chatra	Chatra	Chopan
Name of the District	Nirmal	Nirmal	Nirmal	Nizamabad	Nizamabad	Nizamabad	Ramagundam	Ramagundam	Ramagundam	Sangareddy	Sonbhadra	Sonbhadra	Sonbhadra
State	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Telangana	Uttar Pradesh	Uttar Pradesh	Uttar Pradesh
52	826	857	858	859	098	861	862	863	864	865	998	867	898





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	82.930755	82.892306	83.010621	82.602412	82.970437	82.896493	82.822187	82.957847	82.806166	82.556557	82.813056	82.957004	82.632247
LAT.	24.741996	24.681121	24.822585	24.766101	24,745749	#N/A	24.696893	24.842741	24.724482	24.785209	24.808463	24.820695	24.741123
Name of Tower site/ Location	Asatali	Atarauli Kalan	Atarauli Raja	Babhari	baroli	Barsota	Belwania	Bhulahi-Padrava	Dhiwa	Dholo	Dhorkary	Dilahi	Ghoria
Village code as per census	213096	213162	213321	212965	313583	213126	213223	213080	213011	212950	213015	213314	212970
Name of Village													
Name of Block	Ghorawal												
Name of the District	Sonbhadra												
State	Uttar Pradesh												
SI. No.	698	870	871	872	873	874	875	876	877	878	879	088	881

23422 23422		$\overline{}$		1	<u> </u>					· ·	-, -		
TONG	82.921371	82.904356	82.896493	82.816028	82.815608	82.949216	82.875187	82.986334	83.000595	82.91332	83.016036	82.571205	82.83872
	24.690746	24.821292	24.720346	24.584926	24.832647	24.800051	24.7749	24.691565	24.855665	24.794441	24.843551	24.673188	24.83354
Name of Tower site/ Location	Jinhora	Karkoli	Kharera	Newari	Padar-Magardaha	Pagia	Purkhas	Raiwari	Ram Pathra- Sirsiathkurai	Salaia	Sarauli	Tenthuhar	Visahar
Village code as per census	213167	213062	213120	213020	213326	213072	213044	213333	213316	213075	213319	212984	213038
Name of Village													
Name of Block	Ghorawal	Ghorawal	Ghorawal	Ghorawal	Ghorawal								
Name of the District	Sonbhadra	Sonbhadra	Sonbhadra	Sonbhadra	Sonbhadra								
State	Uttar Pradesh	Uttar Pradesh	Uttar Pradesh	Uttar Pradesh	Uttar Pradesh								
7 2	887	883	884	882	886	887	888	889	068	891	892	893	894



SI.	State	Name of the District	Name of Block	Name of Village	Village code as per census	Name of Tower site/ Location	IAT	FONG
895	Uttar Pradesh	Sonbhadra	Nagwa		213989	Cherue	24.547183	83.154135
968	Uttar Pradesh	Sonbhadra	Nagwa		213980	Makarivari	24.589887	83.119339
897	Uttar Pradesh	Sonbhadra	Nagwa		213991	Markuri	24.515701	83.105914
868	Uttar Pradesh	Sonbhadra	Robertsganj		213373	Amaulia	24.662267	83.02272
668	Uttar Pradesh	Sonbhadra	Robertsganj		213677	Arauly	24.585649	83.087077
006	Uttar Pradesh	Sonbhadra	Robertsganj		213598	Bagaura	24.722737	83.24306
901	Uttar Pradesh	Sonbhadra	Robertsganj		213669	Bharganwa	24.734695	83.146377
902	Uttar Pradesh	Sonbhadra	Robertsganj		213665	Churk	24.636116	83.077631
903	Uttar Pradesh	Sonbhadra	Robertsganj		313065	CRPF Post Silhat	24.67066	83.376696
904	Uttar Pradesh	Sonbhadra	Robertsganj		213545	Deori Khurd	24.724619	82.99993
905	Uttar Pradesh	Sonbhadra	Robertsganj		213416	Dhuriya	24.726143	83.108088
906	Uttar Pradesh	Sonbhadra	Robertsganj		213424	Kushi	24.806004	83.024145
200	Uttar Pradesh	Sonbhadra	Robertsganj	-	213461	Parshauti	24.692687	83.167712

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LONG	86.8448	86.500716	86.9154533	87.1566	86.441337	86.115594	86.7294332	86.442089	87.0404452	86.7759498	87.24815	87.1481	87.24939
Ż	22.79898	22.420125	22.6395183	22.412074	22.462806	22.504203	22.9766461	22.481486	22.8392643	27.5385019	23.88604	23.8537	23.9024
Name of Tower site/ Location	Dheng-Am	Jankibandh under Fulkusıma G.P.	Posda under Dheko G.P.	Sirsara	Bagdubi/Buchiburi under Barikul G.P.	Gunpura village under Raotara G.P.	Narkoli village under Puddi G,P.	Sutan village under Raotara G.P.	Andharia under Goalbari G.P	Barul village	Dhasunia village	Geruapahari Shira village	Saljor village
Village code as per census												-	
Name of Village	Dheng-Am	Jankibandh	Posda	Sirsara	Bagdubi	Gunpura	Narkoli	Sutana	Andharia	Barul	Dhasunia	Geruapahari Shira	Saljor
Name of Block	Raipur	Raipur	Raipur	Raipur	Ranibundh	Ranibundh	Ranibundh	Ranibundh	Sarenga	Dubrajpur	Khairasole	Khairasole	Khairasole
Name of the District	Bankura	Bankura	Bankura	Bankura	Bankura	Bankura	Bankura	Bankura	Bankura	Birbhum	Birbhum	Birbhum	Birbhum
3	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal
ផ្ល	806	606	910	911	912	913	914	915	916	917	918	919	920

SI. No.	State	Name of the District	Name of Block	Name of Willage	Village code as per census	Name of Tower site/ Location	T. Mr.	FONG
921	West Bengal	Birbhum	Murarai-II Block	Taluhadanga	Activities and the second seco	Taluhadanga Village	24.396905	87.87108
922	West Bengal	Birbhum	Rajnagar	Kuralmetia		Kuralmetia village	24.033798	87.245879
923	West Bengal	Birbhum	Rajnagar	Lauberia		Lauberia village	24.019219	87.321892
924	West Bengal	Jhargram	Binpur-II	Amlasol		Amlasol	22°42'07.23" N	86°35'19.89" E
925	West Bengal	Jhargram	Binpur-II	Dakai	,	Dakai	22°35' 41.71"N	86°41'56.07" E
926	West Bengal	Jhargram	Binpur-II	Daldali		Daldali	22°42'12.97" N	86°38'16.03" E
927	West Bengal	Jhargram	Gopiballavpur-I	Bara Jhuri		Bara Jhuri	22.096	86.93652
928	West Bengal	Jhargram	Gopiballavpur-I	Ghorapincha		Ghorapincha	22.15687	86.81952
929	West Bengal	Jhargram	Jhargram	Bamniabandh		Bamniabandh	22°25'06.07"N	87°07'19.43"E
930	West Bengal	Jhargram	Nayagram	Harimaity	·	Harimaity Village GP N-IX	21°56'02.70" N	87°08'26,94" E
931	West Bengal	Jhargram	Nayagram	Barakhakri		Khakrihut GP N-III	22°04'19.89" N	87°04'26.26" E
932	West Bengal	Jhargram	Nayagram	Panchkahaniya		Panchkahaniya	22°02'31.32"N	87°05'08.50"E
933	West Bengal	Jhargram	Sankrail	Dakshin Daria		Sarulia	22°16'79.62"N	87°6'46.49"E

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TONG	86°48'49.2834" E	87°13'30.9972"E	87.101187	86°18'28.67"E	86°9'67.8''E	86°45'32.8"E	86°66'16.16"E
IAT	21°34'34.536" N	22°15'3.2976" N	22.037022	23°26'79.6"N	23°10'5.31"N	23°52'32.4"N	23°62'24.43"N
Name of Tower site/ Location	Dobati	Mulbandh	Hadhadi	Kalabani	Dhanudih	Haraktor	Dumdumi
Village code as per census							
Name of Village	Dobati	Mulbandh		Calabani	Dhanudih	Haraktor	Dumdumi
Name of Block	Garhbeta-II	kharagpur-I	Salboni	Arsha	Baghmundi	Para	Raghunathpur-II
Name of the District	Paschim Mednipur	Paschim Mednipur	Paschim Mednipur	Purulia	Purulia	Purulia	Purulia
State	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal	West Bengal
5 2	934	935	936	937	938	686	940







APPENDIX-2: INTEGRITY PACT

(To be submitted on plain paper)

Universal Service Obligation Fund (USOF) hereinafter referred to as "The Principal" and M/s Bharti Airtel Limited (hereinafter referred to as "The Bidder/Contractor")

Preamble

The Principal/ USOF intends to award, under laid down organizational procedures, contract/s for Tender reference No. USOF/TENDER/Aspirational Districts/1/2020 dated 19/05/2020 to M/s Bharti Airtel Limited for bidding units of Andhra Pradesh, Telangana, Bihar, Jharkhand, Uttar Pradesh and West Bengal. The Principal values full compliance with all relevant laws of the land, rules and regulations, economic use of resources, and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM) who will monitor the Tender process and the execution of the contract for compliance with the principles mentioned above.

The word(s) bidder(s), contractor(s) and Universal Service Provider will have the same meaning.

The word(s) tender includes the process of selection and award of work.

The word(s) contract includes agreement / MOU including any addendum thereto.

Section 1 – Commitments of the Principal

- 1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -
- a. No employee of the Principal, personally or through family members, will in connection with the Tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
- b. The Principal will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the process or the contract execution.
- c. The Principal will exclude from the process all known prejudiced persons.
- 2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

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Section 2 – Commitments of the Bidder(s)/ Contractor(s)

- 1 The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the contract execution:
- a. The Bidder(s)/Contractor(s) will not, directly or through any other persons or firm, offer promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage during the process or during the execution of the contract.
- b. The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.
- c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
- d. The Bidder(s)/Contractor(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly, the Bidder(s)/Contractor(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines of Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" as annexed and marked as Annexure.
- e. The Bidder(s)/Contractor(s) will, when presenting his Bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 2 The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 – Disqualification from Tender process and exclusion from future Contracts

If the Bidder(s) /Contractor(s) before award of the Contract or during execution of the Contract has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on banning of business dealings".





Section 4 – Compensation for Damages

- 1 If the Principal has disqualified the Bidder(s) from the Tender process prior to the award, according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit/Bid Security/amount paid.
- 2 If the Principal has terminated the Contract according to Section 3, or if the Principal is entitled to terminate the Contract according to Section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the contract value or the amount equivalent to Performance Bank Guarantee/amount paid.

Section 5 - Previous transgression

- 1 The Bidder declares that no previous transgression occurred in the last three years with any other Company in any country conforming to the anti-corruption approach or with any other public sector enterprise in India that could justify his exclusion from the Tender process.
- 2 If the Bidder makes any incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken as per the procedure mentioned in "Guidelines on Banning of Business dealings".

Section 6 - Equal treatment of all Bidders/ Contractors / Subcontractors

- 1 The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.
- 2 The Principal will enter into agreements with identical conditions as this one with all Bidders, contractors and subcontractors.
- 3 The Principal will disqualify from the Tender process all bidders who do not sign this Integrity Pact Agreement or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s)/Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, or Contractor, or Subcontractor or of an employee or a representative or an associate of a Bidder, or Contractor, or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform to the Chief Vigilance Officer.

Section 8 – Independent External Monitor(s)

- 1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Independent External Monitor is to review independently and objectively, whether and to what extent the Parties comply with the obligations under this Agreement.
- 2 The Independent External Monitor is not subject to instructions by the representatives of the Parties and performs his functions neutrally and independently. He reports to the Administrator USOF.
- 3 The Bidder(s)/Contractor(s) accepts that the Independent External Monitor has the right to access without restriction to all project documentation of the Principal including that provided by its



contractor. The Contractor will also grant the Independent External Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to the subcontractors. The Independent External Monitor is under contractual obligation to treat the information and documents of the Bidder(s) / Subcontractor(s) with confidentiality.

4 The Principal will provide to the Independent External Monitor sufficient information about all meetings among the Parties related to the project provided such meetings could have an impact on the contractual relations between the Principal and the Bidder. The Parties offer to the Independent External Monitor the option to participate in such meetings.

5 As soon as the Independent External Monitor notices, or believes to notice, a violation of this Integrity Pact Agreement, he will so inform the management of the Principal and request the management to discontinue or take corrective action, or to take other relevant action. The Independent External Monitor can in this regard submit non-binding recommendations. Beyond this, the Independent External Monitor has no right to demand from the Parties that they act in a specific manner, refrain from action or tolerate action.

6 The Independent External Monitor will submit a written report to the Administrator USOF within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7 Monitor shall be entitled to compensation on the same terms as being extended to/ provided to IEMs in similar cases.

8 If the Independent External Monitor has reported to the Administrator USOF, a substantiated suspicion of an offence under IPC/PC Act, and the Administrator USOF has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Chief Vigilance Office, the Independent External Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

9 The word Independent External 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

1 This Pact begins when both parties have legally signed it. It expires for the Contractor 10 months after the last payment under the contract, and for all other Bidders, 6 months after the Contract has been awarded.

2 If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this Pact as specified above, unless it is discharged/determined by Administrator USOF.

Section 10 – Other provisions

- 1 This Integrity Pact Agreement is subject to Indian laws. The place of performance and jurisdiction is the registered office of the Principal, i.e. New Delhi.
- 2 Changes and supplements as well as termination notices need to be made in writing. Side Agreements have not been made.





- 3 If the contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
- 4 Should one or several provisions of this Integrity Pact Agreement turn out to be invalid, the remainder of this Integrity Pact Agreement remains valid. In this case, the parties will strive to come to an agreement to their original intention.

For & on behalf of the Principal(s) (Office Seal)

For& on behalf of Bidder/Contractor (Office Seal)

Place: New Delhi Date 01.10.2021

Witness 1:

Witness 2:

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