

**Annexure-C (Proposed changes in existing Mobile Tower policy of the State)**

DoT, Govt guidelines for issue of Clearance for installation of Mobile Towers	Response of the State IT Department
<p>A. Documents to be submitted by Telecom Service Providers/ Infrastructure providers:</p> <ol style="list-style-type: none"> <li>1. Copy of Access Service License / Infrastructure Provider Registration Certificate from Department of Telecommunications.</li> <li>2. Copy of Standing Advisory Committee for Frequency Allocation (SACFA) clearance for the said location issued by Wireless Planning Commission (WPC) Wing of Department of Telecom. [Telecom Enforcement, Resource and Monitoring (TERM) cells certification for installation of towers as getting clearance from SACFA takes little long time.]</li> <li>3. Other clearance at State / local authority level: <ol style="list-style-type: none"> <li>i. Copy of the type test certificate issued by Automotive Research Association of India (ARAI) to the manufacturers of the Diesel Generator (DG) Sets [The DG sets used shall be as per the provisions under Environment (Protection) Act 1986 &amp; noise pollution(Regulation &amp; control) Rule 2000 as amended from time to time].</li> </ol> </li> </ol>	<p>Proposed to be added in the Policy:</p> <ol style="list-style-type: none"> <li>1. Copy of Access Service License / Infrastructure Provider Registration Certificate from Department of Telecommunications.</li> <li>2. Already exists in Mobile Tower Policy of the State</li> <li>3. Other clearance at State / local authority level: <ol style="list-style-type: none"> <li>i. Proposed to be added in the Policy: "Copy of the type test certificate issued by Automotive Research Association of India (ARAI) to the manufacturers of the Diesel Generator (DG) Sets [The DG sets used shall be as per the provisions under Environment (Protection) Act 1986 &amp; noise pollution(Regulation &amp; control) Rule 2000 as</li> </ol> </li> </ol>

<ul style="list-style-type: none"> <li>ii. Copy of clearance from Fire Safety Department only in case for high rise buildings where Fire Clearance is mandatory</li> <li>iii. For forest protected areas, the copy of clearance from State Environment &amp; Forest Dept., if applicable.</li> <li>iv. Copy of No Objection Certificate (NOC) from Building Owner</li> </ul>	<p>amended from time to time].”</p> <ul style="list-style-type: none"> <li>ii. Copy of clearance from Fire Safety Department to be taken for towers proposed to be erected in habitations</li> <li>iii. Clearance from State Forest Department needs to be taken in case Tower is to be erected on forest land</li> <li>iv. Already exists in the Policy: “Affidavit from the owner of the land/ building containing his consent along with proof of ownership”</li> </ul>		
<p><b>B. BTS Tower Details</b></p> <p>1. Data Sheet</p> <ul style="list-style-type: none"> <li>i. Name of Service Provider/ Infrastructure Provider</li> <li>ii. Location</li> <li>iii. Tower reference:             <ul style="list-style-type: none"> <li>i) Height, ii) Weight, iii) Ground/ Roof Top, iv) Number of Antennas planned on tower</li> </ul> </li> </ul> <p>2. Copy of structural stability certificate for ground based BTS</p> <p style="text-align: center;">OR</p> <p>In case of roof top BTS towers, structural stability certificate for the building based on written approvals of any authorized Structural Engineer of state/local bodies/Central Building Research Institute (CBRI), Roorkee/ IIT/NIT or any other agency authorized by local body</p>	<p>Proposed to be added in the Policy:</p> <p>1. Data Sheet</p> <ul style="list-style-type: none"> <li>i. Name of Service Provider/ Infrastructure Provider</li> <li>ii. Location</li> <li>iii. Tower reference:             <ul style="list-style-type: none"> <li>i) Height, ii) Weight, iii) Ground/ Roof Top, iv) Number of Antennas planned on tower</li> </ul> </li> </ul> <p>2. Copy of structural stability certificate for ground based BTS</p> <p style="text-align: center;">OR</p> <p>In case of roof top BTS towers, structural stability certificate for the building <b>(including structural design of tower to be erected on that building)</b> based on written approvals of authorised <b>Chartered</b> Structural Engineer (local bodies), Central Building Institute (CBRI), Roorkee <b>or reputed Engineering College like IIT, NIT etc.</b> or any other agency authorized by local body</p>		
<p><b>C. Safety/ Precautionary Provisions:</b></p> <ul style="list-style-type: none"> <li>i. In case of both ground based towers &amp; roof top towers, there shall be no nearby buildings right in front of the antenna with height comparable to the lowest antenna on tower at a distance threshold as specified below::</li> </ul> <table border="1" data-bbox="316 1745 797 1892"> <tr> <td style="padding: 5px;">Number of Multiple antennas in the same direction</td> <td style="padding: 5px;">Building/Structure distance from the antenna (safe distance) (in mtrs)</td> </tr> </table>	Number of Multiple antennas in the same direction	Building/Structure distance from the antenna (safe distance) (in mtrs)	<p>Proposed to be added in the Policy:</p> <ul style="list-style-type: none"> <li>i. The Telecom Operators proposed to add following clause in place of the table: <i>“Telecom Service Providers to meet QoS parameters since above referred parameters are related to radiations. The Government of India has recently specified new norms of radiation. Therefore, EMR should be under control and Telecom Service Providers must</i></li> </ul>
Number of Multiple antennas in the same direction	Building/Structure distance from the antenna (safe distance) (in mtrs)		

<table border="1"> <tr> <td>1</td> <td>20</td> </tr> <tr> <td>2</td> <td>35</td> </tr> <tr> <td>4</td> <td>45</td> </tr> <tr> <td>6</td> <td>55</td> </tr> </table>	1	20	2	35	4	45	6	55	<p><i>adhere to DOT guidelines."</i></p>
1	20								
2	35								
4	45								
6	55								
<p>Alternatively, operators need to establish/ certify that all General public areas are within safe EMF exposure limits as per actual peak traffic measurements after the antenna(s) start radiating.</p> <p>ii. Wall Mounted/ Pole Mounted Antenna</p> <p>a) The antenna mounted on pole should be at least 5 metre above ground level /road level on flyovers.</p> <p>b) No residential/office/work place is directly in front of the wall/pole antenna at a height comparable to the antenna as per para c(ii) above.</p> <p>(Note: Calculation of safe distance based on Maximum 20 watt RF power radiated from the antenna)</p>	<p>ii. This clause need to be added in the Policy</p> <p>iii. Additional point proposed to be added:</p> <p><b>"In case of roof top towers with multiple antennas, the roof top usage desirable to be totally restricted, i.e., not accessible for general purpose use. Similarly, efforts should be made to avoid BTS Antennas in narrow lanes <math>\leq</math> 5 mtrs"</b></p>								
<p>D. Points relevant to State/ Local Administrative Authorities</p> <p>i. Nominal one time Administrative Fee as may be decided by the State Government to recover its costs on the issue of permission for installation of Tower</p> <p>ii. Telecom Towers have been given infrastructure status by Government of India vide gazette notification no 81 dated 28.03.2012. All benefits, as applicable to infrastructure industry, should be extended. Electricity connection may be provided to BTS site on priority</p>	<p>i. Already defined in the Policy</p> <p>ii. Infrastructure status not given to the Telecom Towers till date. However, timelines have been proposed to be added in the Policy for providing electrical connections.</p> <p><i>"HPSEB would provide electrical connection for energizing a tower within 30 days if the location of tower is less than 50 meters from existing 3-phase LT supply network, on receipt of a</i></p>								

<p>iii. Formation of State and District Telecom Committees Keeping public interest in view, there is a need of regular interactions between TERM Cell of DOT and State / District administration under District Collector. Hence it is proposed to Set-up State and District Telecom Committees for review of all Telecom Infrastructure related issues at State/ District Level consisting of officers from TERM Cells, State/District Administration and the concerned Telecom Service Provider(s).</p> <p>iv. Telecom installations are lifeline installations and a critical infrastructure in mobile communication. In order to avoid disruption in mobile communication, an essential service, sealing of BTS towers/disconnection of electricity may not be resorted without the consent of the respective TERM Cell of DoT</p>	<p><i>formal application and completion of codal formalities by the concerned Telecom Operator in the concerned Sub Division of HPSEB subject to the following conditions:</i></p> <p>i. Load is available from the existing distribution transformer</p> <p>ii. 3-phase LT is already there"</p> <p>iii. Already proposed to be added in the Policy</p> <p>iv. There are two scenarios envisaged in the proposed policy for disconnection of electricity:</p> <p>a. Telecom Service Provider would deposit annual rental fee within the timeframe defined in the demand note issued by the rural/ urban local body failing which penalty @5% per week, of the annual rental/ renewal fees, should be imposed for the delayed period. However, if the payment is delayed for more than two months, the rural/ urban local body may ask HPSEBL to cut power supply to that particular tower for which dues are pending.</p> <p>b. The TERM Cell of DOT at State level would conduct regular auditing and monitoring of EMR as per their guidelines of GoI and also provide the State Government with a copy of</p>
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<p>v. All radiation related technical details are dealt with by TERM Cell of DOT</p> <p>vi. Single Window Clearance may be provided in a time bound manner to telecom service provider / infrastructure provider by the local body / State Government. This will ensure issuance of faster clearances</p> <p>vii. Telecom Infrastructure/installation of tower may be permitted for all locations irrespective of land usage</p> <p>viii. Public awareness programme may be conducted regularly by involving concerned TERM Cells &amp; Telecom Service Providers</p>	<p>the report submitted to Govt. Problematic towers from EMR point of view should be got suitably relocated/ removed</p> <p>v. Proposed to be added in the new Policy</p> <p>vi. Following points proposed to be added in the Policy:</p> <ol style="list-style-type: none"> <li>1. "Joint Inspection Committee having following members may be constituted at Sub Division level for review of all Telecom Infrastructure related matters, including issuance of overall consent for setting up of towers:             <ol style="list-style-type: none"> <li>i. SDM (as Chairperson)</li> <li>ii. representatives of Telecom Service Provider, Forest Department, Fire Services Department, Pollution Control Board, HPSEBL, TCP Department and Local Body"</li> </ol> </li> <li>2. "To resolve larger issues related to Mobile Towers including grievances of or against the Telecom Operators, a District level committee headed by the Deputy Commissioner shall be constituted. Similarly a State level Committee shall be constituted to monitor issues pertaining to Mobile Towers Infrastructure in the State."</li> </ol> <p>vii. Proposed to be added in the Policy</p> <p>viii. Proposed to be added in the Policy</p>
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