

No.F.11026/1/2005/D(Lands)
Government of India
Ministry of Defence

New Delhi
Dated the 26th February, 2018

To

1. The Chief of Army Staff, New Delhi
2. The Chief of Air Staff, New Delhi
3. The Chief of Naval Staff, New Delhi
- ✓ 4. The Director General of Defence Estates, New Delhi
5. The Chairman, Ordnance Factory Board, Kolkata

SUBJECT: REVISED POLICY ON SHARED COMMUNICATION TOWER AND OTHER TELECOM INFRASTRUCTURE TO EXTEND COMMUNICATION NETWORK IN MILITARY STATIONS / CANTONMENTS

In supersession of existing policy for "Provision of Defence land to Communication Operators to construct Shared Communication Towers and other Infrastructure to extend communication network in military stations / cantonments" issued vide MoD letter of even number dated 12.09.2008 and policy for "Cell Towers on Wheels" issued vide letter of even number dated 16.5.2016, the following composite policy is issued on shared communication towers, Cell Towers on Wheels (CoW) and other communication infrastructure in Cantonments/ Military Stations:-

Applicability and Eligibility

2. The revised policy will cover allotment of Defence land on lease for static towers; permission to use defence land on license basis for placing Cell Towers on Wheels; permitting use of rooftop of Government buildings/private buildings, including private lands for grant of permission in Cantonments and Military Stations to Access Service Licensees and Companies registered with DoT as Infrastructure Provider-1 (IP-1) for setting up shared communication towers & allied infrastructure and for grant of Right of Way (RoW) permission to Access Service Licensees / IP-1 for laying of underground Optical Fibre Cables (OFC) in Military Stations / Cantonments. To be eligible for coverage under the policy the Access Service Licensees and IP-1 company will be required to furnish an undertaking that they will permit sharing of towers /cables by other Telecom Service Providers. Further, the IP-1 company will construct and maintain the Shared Communication towers and provide OFC with their own resources and no liability will accrue to the Ministry of Defence.

7

Mode of Installation of Shared Telecommunication Towers and Order of Priority

3. The shared telecommunication towers shall be permitted within the Cantonments and Military Stations as per priority and mode given below:-

i) **Priority 1-**

Lease of Defence Land for static Mobile Tower and /or

License for use of defence land for placing Cell Towers on Wheels (CoW)

In the first instance, Expression of Interest (EOI) shall be invited by Cantonment Board in a Cantonment and Station HQ in a Military Station for installation of static mobile towers and placing Cell Towers on Wheels (CoW), at locations so decided by interested Access Service Licensees and IP-1 companies. Based on the interest shown by the interested Access Service Licensees and IP-1 companies, locations will be finalized for static towers and CoWs by a Board of Officers (BOO) constituted by the PCB (President Cantt Board) or Station Commander which shall have representatives of Station HQ, Signals, CEO (for Cantonment areas), DEO and MES. The BOO will also give clearance of locations from security point of view. After final selection of locations, separate bids will be invited by the CEO in a Cantonment and Station HQ in a Military Station through a competitive process for lease of defence lands for static towers and license of sites for CoWs. The highest bids accepted by the Cantonment Board or the Station Commander in a Military Station will be referred to the appropriate authority, as given in succeeding paragraphs, for obtaining sanction for lease or license for static tower/ CoW.

ii) **Priority 2- License for rooftop towers for Defence/ Cantt Board Buildings**

After completing the process at (i) above and allocation of defence lands on lease or license basis for static towers or CoWs, if there is any further demand for erection of rooftop mobile towers from Access Service Licensees and IP-1 companies to cover any left out area for mobile connectivity, such application received from any Access Service Licensee and IP-1 company, subject to security clearance for such locations, shall be processed by the Station HQ or the CEO, as the case may be, for placing of rooftop towers on defence owned or Cantt Board buildings. In such cases, license fee shall be recovered on **revenue sharing model** wherein a minimum license fee shall be recovered in advance and the same shall be adjusted at the end of the year.

iii) **Priority 3 – License for static tower on private lands/ buildings other than defence owned buildings**

As a last priority, if there is still a demand for placing static tower (ground or rooftop) on private land(not old grant or leased lands) or other buildings (including private buildings on B-3 lands in a Cantonment), the same may be permitted, subject to security clearance. In such cases, a fixed license fee shall be decided by the Cantonment Board/ Station HQ.

4. Information alongwith supporting documents required for grant of lease/license /permission; Standards for exposure limits of radio frequency and other technical requirements as prescribed by DoT from time to time will have to be complied with. The present requirements as prescribed by DoT are given in **Annexure-A**.

9. The following security aspects will be strictly adhered to by the Access Service Licensees and IP-1 Telecom Service providers and an undertaking to this effect in this regard will be given by them:

- i. Use of Defence land / buildings by the Service Provider will not, in any manner, impinge upon the security of the Defence Area
- ii. If at any stage, the operational situation so demands, services provided by these operators may be blocked in an emergency on instructions from respective Command Headquarters. No compensation shall be payable to the operator if such blocking or suspension of services is for equal to or less than 15 days. However, if the services are blocked or suspended for more than 15 days then either pro-rata lease rent/ license fee for the blocked/ suspended period shall be payable to the service provider or the lease/ license period will be extended for such blocked/ suspended days, as per option given by the service provider.
- iii. Adequate measures will be adopted to ensure security of vital installations in Defence Area, by monitoring activities of such Access Service Licensees and IP-1 Companies/ Communication Network Operators' personnel from time to time.
- iv. The Service Providers will erect their Communication Towers only at the sites leased to them. The participating Service Providers and the Local Defence Authority should jointly identify the site locations for installation of cellular mobile communication towers, based on security and technical feasibility with security being the overriding factor. No change in site will be resorted to without the permission of the appropriate Defence authority i.e. GOC-in-C Command/ equivalent/PDDE, as the case may be. Further, for change of the site, the Board of Officers is to be convened for selection of new site as described in para 3(i) above, which will consider the matter including for security clearance.
- v. Service Providers will make available the particulars of persons employed by them to the Local Defence Authorities. Antecedents of all such persons will be verified and if found acceptable, they will be issued with security passes to allow them to enter the Defence Area.
- vi. The Local Defence Authorities will reserve the right to deny access to any of the Service Provider's employees whose activities are detrimental to the security of the Defence installation.
- vii. The Service provider will at all times, provide access to the Local Defence Authority or his authorized representatives, to the Communication Towers to ensure that no illegal or undesirable activities are being carried out by the Service Provider or his representative.
- viii. The Service Provider will not use the tower and / or its equipment for any objectionable purpose. If found, the Local Defence Authority will have the authority to order temporary closure of the services of that Service Provider pending final

decision by the Ministry of Defence. No compensation will be payable for such closures. The other Service Providers would continue to provide services.

- ix. If appropriate authority comes to a conclusion that the service provider has wilfully violated any of the conditions for grant of permission, it may temporarily withdraw permission or order closure of the service of the service provider pending final decision by MoD. However, no action shall be taken unless the service provider has been given an opportunity of being heard.
- x. Entry of foreign nationals to installation site of towers will be permitted only after due security clearances by Local Military Authority.
- xi. Photography of Vulnerable Areas and Vulnerable Points and Defence Establishments in the Cantonment area / Military Station, by the employees of the Service Providers will not be permitted.
- xii. Service Providers and the employees of these service providers will abide by all security instructions of the Military Stations / Cantonments.
- xiii. The Service Provider will be solely responsible to ensure the security of the Communication Towers and its supporting systems and accessories.
- xiv. Towers in Military Stations/Cantonments should be available to all service providers on demand.
- xv. Sketch/Map of the towers indicating locations should be provided to local Defence Authority for routine security checks. In cases, where communication towers of the service providers are situated outside Cantonments/Military Stations and they would only like to lay cables, to provide services, in the Cantonments/Military Stations, the Access service Licensees/Infrastructure Provider-1 (IP-1) will also furnish the network details from where the optical fiber cables (OFC) are being brought into Cantonment/Military Stations and taken out to feed into the network ahead to the local Military Authority.

6. The following technical aspects will be strictly adhered to by the Access Service Licensees and IP-1 Companies:

- i. Obtaining frequency clearance from Standing Advisory Committee for Frequency Allocation (SACFA) and coordinate frequency in use with local Signal Authority.
- ii. Obtaining SACFA clearance as per the laid down procedure, for a particular latitude and longitude. They will not be permitted to move their antenna towers as per their convenience. In case they need to shift the site of the antenna tower, they will need to obtain a fresh SACFA clearance for the new location with the exact latitude and longitude.
- iii. In case the communication tower / facilities so installed by the Service Provider causes any interference / obstruction to the Army / Air Force / Navy / Coast Guard Communications, the Service Provider may be asked to discontinue his services,

for which no compensation other than the balance of advance rent paid by him will be payable to the Service provider.

- iv. Obtaining "No Objection Certificate" from Civil Aviation and Air Force Authority regarding the installation of the Cellular Towers in their vicinity and abide by all their stipulations as necessary.
- v. Proper earthing of the installation will be ensured by them.
- vi. Proper lightning protection and fire fighting devices will be installed by them.

7. (a) The above mentioned security and technical aspects will also be applicable to all service providers who share the communication Towers and other infrastructure. An undertaking to this effect may be jointly furnished by the Telecom Service providers/IP-I and the concerned service provider sharing the tower and infrastructure.

(b) If appropriate authority comes to a conclusion that the service provider has wilfully violated any of the conditions for grant of permission, it may temporary withdraw permission or order closure of the service of the service provider pending final decision by MoD. However, no action shall be taken under this unless the service provider has been given an opportunity of being heard.

8. The detailed terms and conditions for grant of lease of land or license for use of land/rooftop for static communication towers or Cell of Wheels (CoWs) shall be as follows:-

(a) **Lease of Defence Land for static Towers for Access Service Licensees/ IP-I Companies.**

- i) Only class A-1, analogous to A-1 land, A2, B-4 and C land will be leased for the purpose.
- ii) Land to be leased should be the minimum required for setting up such towers and related equipments, subject to a maximum area of 200 Sq. Meters.
- iii) Lease will be sanctioned initially for a period of 10 years and may be renewed every 10 years for a maximum period of 30 years.
- iv) Applications from eligible Service providers will be invited through open tender.
- v) Lease rent will be fixed on the basis of highest bid through competitive tender.
- vi) Bidding for annual rent would be in terms of % age of market value of land fixed on basis of STR in Cantonment areas and Collector's circle rates outside Cantonment areas. This will be subject to a minimum rent of 5% of land value in Cantonments / Military stations. Market value of land will be determined by DEO.
- vii) No premium will be charged. However, one year rent will be collected in advance.

- viii) Annual rent will be revised by 10% after 5 years. However, after expiry of each 10 years of lease period, the renewal for further 10 years period shall be at the STR/Collector's rate prevailing at such time or the existing lease rent, whichever is higher.
- ix) Leases for A-1, analogous to A-1 land, A-2 and B-4 land shall be signed by the DEO on behalf of the Government while the lease of land under the management of Cantonment Board shall be executed by the President, Cantonment Board and the Chief Executive Officer, after obtaining sanction from the competent authority (as given in Para 11 below). The lease shall be executed under modified Schedule IX of the Cantonment Land Administration Rules, 1937.

(b) License for use of defence land for placing Cell Towers on Wheels (CoW)

- i) Only class A-1, analogous to A-1 land, A2, B-4 and C land will be licensed for the purpose. The minimum area for placing CoW will be licensed subject to a maximum of 200 sqm.
- ii) License will be initially issued for two years but can be renewed at the end of license period by one year at a time. The total license term shall, however, not exceed five years.
- iii) Applications from eligible Service providers will be invited through open tender.
- iv) License fee will be fixed on the basis of highest bid through competitive tender.
- v) Bidding for annual fee would be in terms of percentage of market value of land fixed on the basis of STR in Cantonment areas and Collector's circle rates outside Cantonment areas. This will be subject to a minimum annual rent of 5% of land value in Cantonments / Military stations. Market value of land will be determined by DEO.
- vi) No premium will be charged. However, one year license fee will be collected in advance.
- vii) License fee will be revised by 10% on renewal of license. After expiry of maximum five years license period, fresh bids will be invited, if so required.
- viii) License for A-1, analogous to A-1 land, A-2 and B-4 land shall be signed by the DEO on behalf of the Government while the license for land under the management of Cantonment Board shall be executed by the President, Cantonment Board and the Chief Executive Officer, after obtaining sanction from the appropriate authority (as given in Para 11 below).

c) License for rooftop towers for Defence/ Cantt Board Buildings

- i) Roof Top towers will be allowed only on buildings where structural safety certificate of an authorized structural engineer of MES/ DRDO/ CPWD/Cantonment Board/State PWD authorities/CBRI Roorkee/ IIT/NIT has been submitted.

- ii) Roof Top towers will not be allowed on educational institutions and hospitals.
 - iii) Permission for setting up roof top towers covering a maximum roof top space 50 sq. mts will be granted by way of license for 5 year periods.
 - iv) Applications for erecting rooftop tower on defence owned buildings shall be submitted by the service provider to the Station HQ and for Cantonment Board buildings to the CEO. For defence owned buildings, willingness or NOC of the Officer in-charge of the defence building shall accompany the application.
 - v) The annual license fee shall be decided on a competitive bidding in similar manner as prescribed under para 8 (b) above with the exception that instead of license fee for land, it will be the license fee for the rooftop area. Bidding for annual fee would be in terms of % age of market value of land underneath the building, fixed on the basis of STR in Cantonment areas and Collector's circle rates outside Cantonment areas. This will be subject to a minimum annual rent of 5% of land value of land underneath the building in Cantonments / Military stations. Market value of land will be determined by DEO.
 - vi) No premium will be charged. However, one year license fee will be collected in advance.
 - vii) After expiry of five years period, license will not be renewed and fresh competitive bids will be invited, if so required.
- d) **Licence for static tower on land/buildings other than defence owned lands/buildings, including class B-1, B-2, freehold and private land.**
- i) Roof Top towers will be allowed only on buildings where structural safety certificate of an authorized structural engineer of MES, DRDO/ CPWD/Cantonment Board/State PWD authorities/CBRI Roorkee/ IIT/NIT has been submitted.
 - ii) Roof Top towers will not be allowed on educational institutions and hospitals.
 - iii) Permission for setting up roof top towers on buildings or static towers on lands will be granted by way of license for 5 year periods provided the application is submitted to the Cantonment Board or Station HQ along with the willingness or NOC of the owner/ controller of the land/building and the structural safety certificate of building for rooftop towers as in (i) above.
 - iv) The license fee per year shall be fixed by the Cantonment Board or the Station HQ.
- (e) While granting Lease / License permission for establishing aforesaid telegraph infrastructure and dealing with the connected matters, the Appropriate Authority as given in Para 11 (f) & (g) below, shall give due regard to the relevant provisions of the

Indian Telegraph Right of Way Rules 2016 of Department of Telecommunications (DoT), notified in the Gazette of India vide Notification No.G.S.R.107(E) dated 15.11.2016 as amended from time to time. The Appropriate Authority may charge fee to meet administrative expenses and restoration charges as provided in Rules 9 and 10 of the aforesaid Indian Telegraph Right of Way Rules 2016. Further, specific attention is drawn to the provision of the said rules that grant/rejection has to be decided within a time frame of 60 days failing which the permission shall be deemed to have been granted.

9. **NOC/clearance from Local Defence Authority:**

The security clearance for Priority-1 sites/locations will be considered by Board of Officers, constituted by PCB (President Cantonment Board) or Station Commander, as mentioned in para 3(i) above for lease of Defence Land for static Mobile tower & Licence for use of defence land for placing Cell Towers on Wheels (CoW). No application shall be processed for grant of licence for other priorities viz. Priority-2 & Priority-3, unless the security clearance is obtained by the processing authority from the Station HQ controlling the area. The station HQ will give its clearance or otherwise within reasonable time but not exceeding three weeks from the date of receipt of application for the purpose.

10. **Grant of Right of Way (RoW) permission to Access Service Licensees / IP-1 for laying of underground OFC Cables:**

RoW permission for laying of underground OFC Cables will be given to Access Service Licensees/ IP-1 which are required to support provision of telecom services in the Military Station / Cantonments by the Appropriate Authority as given in Para 11 below in terms of relevant provisions of the Indian Telegraph Right of Way Rules 2016 of Department of Telecommunications (DoT), notified in the Gazette of India vide Notification No.G.S.R.107(E) dated 15.11.2016 as amended from time to time. The Appropriate Authority may charge fee to meet administrative expenses and restoration charges as provided in the Rules 5 and 6 of the aforesaid Indian Telegraph Right of Way Rules 2016 as amended from time to time.

11. **Procedure:** The procedure for processing cases for leasing/ licensing defence land, granting permission for setting rooftop towers and for laying of OFC will be as follows:

- (a) In the first instance and as first priority, Cantonment Board/ Station HQ will invite EoI from interested Access Service Licensees and IP-1 Companies for setting up of static towers or CoWs in a Cantonment or a Military Station, as the case may be.

- (b) Based on interest shown by the Access Service Licensees and IP-1 companies, the BOO will select the final locations. The Board will also give clearance of locations from security point of view.
- (c) Tenders will be invited for leasing of defence land for static towers and for licensing land for CoWs by the CEO in a Cantonment and by the Station HQ in a Military Station.
- (d) Tenders will be invited in two parts. Part I will inter alia, relate to compliance with eligibility conditions, security and technical aspects whereas Part II will relate to financial bids. Financial bids of only eligible and technically and security compliant bidders will be considered. This exercise may be conducted through suitable Committees/Board of Officers which shall also have representatives of DEO including finance.
- (e) Only after the defence land for static towers and CoW has been allocated as a Priority 1, will the process for licensing rooftops for Defence Owned/ Cantt Board buildings be initiated as a Priority 2 which will be followed with the process of licensing 'other than defence/ Cantt Board lands/ buildings' as a Priority 3. For initiating process under Priority 2 and 3, the Cantonment Board/ Station HQ may issue public notice, inviting such applications where the license fee shall be determined as per 8(c) and 8(d).
- (f) Sanction will be given by GOC-in-C Command/ Equivalent in other Services with respect to towers on A-1 and analogous to A-1 land and buildings located on such land. In case of towers on A-2, B-4 and C land and buildings on C land, such approval will be given by PDDE of the Command. Appropriate Authority for A-1 and analogous to A-1 land and building located on such land will be GOC-in-C Command /equivalent to other services, and appropriate authority for tower and CoW on A-2, B-4 and C land and buildings on C land, will be Principal Director, Defence Estates (PDDE), the Command.
- (g) In the case of towers on lands and buildings not owned or controlled by defence or under management of Cantonments Board, approval will be given by GOC-in-C, the command/Equivalent, in other Services, on the recommendation of PDDE, the Command. Appropriate Authority for A-1 and analogous to A-1 land and building located on such land will be GOC-in-C Command /equivalent to other services, and appropriate authority for tower and CoW on A-2, B-4 and C land and buildings on C land, will be Principal Director, Defence Estates (PDDE), the Command
- (h) Approval for laying OFC through A-1 and analogous to A-1 land will be granted by GOC in Command/equivalent and in case of OFC passing through Class A-2, C and B-4 land by PDDE concerned keeping in view and accordingly applying relevant provisions of the Indian Telegraph Rights of Way Rules, 2016 as amended from time to time. Specific attention is drawn to the provision of the said rules that grant/rejection has to be decided within a time frame of 60 days failing which the permission shall be deemed to have been granted.

12. **Crediting of Revenue** generated out of lease/license of Government land/building and administrative expenses and restoration charges as provided in the Rules 5 and 6 in respect of underground infrastructure and Rules 9 and 10 in respect of over ground structure of the Indian Telegraph Right of Way Rules 2016 as amended from time to time, in respect of RoW permission granted to Access Service Licensees/ IP-I for laying of OFC will be regulated as below:

- (a) Full revenue generated out of lease/license of A-1, Analogous to A-1, A-2 and B-4 land and license of buildings located on A-1 and analogous to A1 land will be credited to the Consolidated Fund of India. No portion of this fee/premium/revenue generated will be credited to any non public fund/regimental fund.
- (b) Full revenue generated out of lease/license of 'C' land and Cantonment Board buildings will be credited to the Cantonment Board Fund. Besides, license fee imposed by Cantonment Board for licensing a private land or rooftop of a building not owned by defence, will be credited to Cantonment Board Fund. No portion of revenue generated out of lease/license would be credited to any non public fund/regimental fund. Revenue recovered by Cantonment Board in respect of defence land and buildings other than Class 'C' land / buildings on Class 'C' lands, shall be deposited with the DEO within three months of the receipt for crediting to Consolidated Fund of India.
- (c) Full revenue generated out of fee as administrative expenses for examination of the application & the proposed work for RoW Permission and restoration charges for laying of OFC through A-1, analogous to A-1, A-2 and B-4 land will be credited to the Consolidated Fund of India. No portion of this fee/premium/revenue generated will be credited to any non public fund/regimental fund.
- (d) Full revenue generated out of fee as administrative expenses for examination of the application & the proposed work for RoW Permission and restoration charges for laying of OFC through C land will be credited to the Cantonment Board Fund of the Cantonment Board concerned. No portion of this fee/premium/revenue generated will be credited to any non public fund/regimental fund.
- (e) Station HQs/DEO/CEO (as the case may be) will maintain a register indicating realisation of rental/fees/premium and its accounting which will be subject to audit by Controller of Defence Account and C&AG.

13. The Appropriate Authority having regard to circumstances, which have arisen since the establishment of any underground or overground telegraph infrastructure, shall have the right to seek removal or alter telegraph structure either underground or over ground as per the procedure given in rule 13 of the Indian Telegraph Right of Way Rules, 2016 as amended from time to time.

14. GOC-in-C or his equivalent reserves the right to suspend for a specific period, the lease/license granted to any service provider, due to operational or security reasons, for

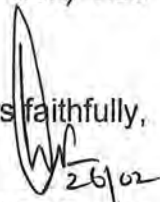
Which no compensation will be due to the Service provider. Provided that if the appropriate authority, considers it necessary, the term of lease/licence will be extended by the number of days, during which it remains suspended.

15. All cases, if any, where Static Mobile Tower / CoW has been permitted through approval of competent authority under earlier policy framework shall continue to operate under the existing contract until completion of existing contract term.

16. While granting Lease / License / RoW permissions for establishing aforesaid telegraph infrastructure and dealing with the connected matters therewith, the Appropriate Authority, shall give due regard to the relevant provisions of the Indian Telegraph Right of Way Rules 2016 of Department of Telecommunications (DoT), notified in the Gazette of India vide Notification No.G.S.R.107(E) dated 15.11.2016 as amended from time to time.

17. Disputes arising out of implementation of the provisions of this policy letter, will be first referred to GOC-in-C/equivalent for over-ground (mobile static tower/CoWs) /underground (OFC) infrastructures on A-1 or analogous to A-1 defence land and as regards to disputes arising out of establishing over-ground (mobile static tower/CoWs) /underground (OFC) infrastructures on A-2, B-4 & C Classes of defence land and also for private and freehold land in Cantonments will be referred to PDDE, the Command. The appeal against the decision of GOC-in-C /equivalent or PDDE, Command will be made to MoD [D(Lands)] whose decision will be final for all parties concerned.

18. This issues with the concurrence of Ministry of Defence (Finance Division) vide their U.O. No. 36/Fin-Wks-I/18 dated 26.02.2018.

Yours faithfully,

(Harish Kumar)
Director (L&C)

Copy to:

1. The Secretary, Department of Telecommunications, New Delhi
2. The CGDA, New Delhi
3. Ministry of Defence (Finance Division/W.I), New Delhi
4. The DGA(DS), L-II Block, Brassey Avenue, New Delhi
5. QMG Branch/Plg (Lands)
6. D(Air-II)
7. D(Navy-III)
8. D(Q&C)
9. D(R&D)
10. D(QA)
11. D(GS-III)

Documents to be submitted by Public Sector /IP-I for obtaining clearance from Cantonment Board/Local Defence Authorities for installation of mobile towers

- I) Copy of relevant license/Infrastructure Provider Registration Certificate from the Department of Telecommunications.
- II) Data Sheet with:
 - (a) Name of Service/Infrastructure Providers
 - (b) Location
 - (c) Tower Reference:
 - i) Height
 - ii) Weight
 - iii) Ground/rooftop
 - iv) No. of antennae
- III) Copy of SACFA clearance/copy of SACFA application for the said location submitted to WPC wing of DOT with registration number as WPC acknowledgement along with undertaking that in case of any objection/ rejection TSRI/TC will take corrective action/remove the tower.
- IV) Copy of structural stability certificate for ground based tower. In case of rooftop BTS towers, structural stability certificate for the building and tower, based on written approvals of any authorized structural engineer of MES, DRDO/CPWD/Cantonment Board/State PWD authorities/CBRI Roorkee/IIT/NIT.
- V) Copy of Fire Test Certificate issued by Automotive Research Association of India (ARAI) to the manufacturers of the Diesel Generator (DG) sets.
- VI) Copy of clearance from fire safety department only In case for high rise buildings where fire clearance is mandatory
- VII) For forest protected areas, the copy of clearance from State Environment and Forest Department, if applicable.
- VIII) The CEO of Cantt Board/Local Defence Authority may also seek submission of the copy of No Objection Certificate from building owner/entities having rooftop rights or rooftop tenants in case of roof based tower. In case of defence land where leasehold rights are required, land availability certificate from Cantonment Board/DEO, as the case may, be will be necessary.
- IX) Acknowledgement receipt issued by TERM Cells (DOT) of the self certificate submitted by the Public Sector/IP-I in respect of mobile tower/BTS (ground

based/rooftop) in the format as prescribed by TEC/DOT, establishing/certifying that all general public areas around the tower will be within safe EMR exposure limit as per peak traffic measurement after the antennae start radiating.

X) **Standards for exposure limits of radio frequency**

Fixation of standards for exposure limits of radio frequency, outfield emissions from mobile base stations, monitoring their compliance, all radiation related technical issues, issues of Access Service License/Infrastructure Provider registration and SACFA clearance for frequency allocation at any location are to be dealt with by DOT. However, following limit for radiation from Base Transceiver Station (BTS) will be as below:

Frequency in MHz	Power density limit
900	0.45 watt/m ²
1800	0.9 watt/m ²
2100 and above	1 watt/m ²

XI) **Other technical requirements**

- (i) The Access Service Licensees /IP-1 will have to abide by general guidelines issued by DOT/TERM Cells. As per existing guidelines, the Access Service Licensees / IP-1 will be subject to technical audit of BTS and instruction issued by the DOT/TERM Cells."
- (ii) TERM Cells will abide by the additional guidelines issued by the DOT with effect from 01.08.2013 or on any subsequent date regarding auditing BTS for EMF radiation.