

GOVERNMENT OF TELANGANA ABSTRACT

Municipal Administration & Urban Development Department – Comprehensive Guide Lines for Issue of Clearance for Installation New Telecommunication Infrastructure Towers – Revised Orders – Issued.

MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (M1) DEPARTMENT

G.O.MS.No. 96

Dated: 05.08.2015

Read the Following:

1. G.O.Ms.No.380 MA, Dated: 01.08.2013.
2. G.O.Ms.No.5 MA, Dated: 27.09.2014.
3. Advisory Guidelines for the State Government from Department of Telecommunication (DoT) for issue of clearance for Installation of Mobile Towers, Effective from 01-08-2013.
4. Representation from Reliance JIO, Infocomm Limited, Dated: 06.07.2015.

* * *

ORDER:

In the G.O 1st read above, Government have issued Comprehensive Guidelines for issue of clearances for Installation of New Telecommunication Infrastructure Towers.

2. In the G.O 2nd read above Government have issued certain amendments to rule (F) (ix) of G.O.1st read above.

3. In the reference 3rd read above, the Department of Telecommunications (DoT) have issued Advisory Guidelines for the State Government for issue of clearance for Installation of Mobile Towers, effective from 01-08-2013 onwards.

4. In the reference 4th read above a representation has been received from M/s. Reliance JIO Infocomm Limited for certain amendments to the above said comprehensive guidelines.

5. Keeping in view the guidelines referred in the reference 3rd read above, Government further decided to facilitate 4G Services and Telecomm Infrastructure Services across the State to the Public under e-Governance for installation 4G services and New Telecommunication Infrastructure Towers.

6. Accordingly, Government hereby issues the following Revised Comprehensive Guide lines in supersession of all other earlier orders for Issue of Clearance for Installation 4G Services and New Telecommunication Infrastructure Towers in the State of Telangana.

A. Definition:

Telecommunication Infrastructure Tower (TIT) - shall include ground based tower (GBT)/ roof top tower (RTT) / roof top poles (RTP) / cell phone tower (CPT), antenna fixtures, fabricated antenna, tower to install the telephone lines and transmission towers. This will not include the Antennas installed for domestic purpose, namely Television Antennas or Dish Antennas.

B. Essentiality of Permit:

No person shall erect or re-erect any non-Governmental telecommunication tower or telecommunication pole structures or accessory rooms or make alteration or cause the same to be done without first obtaining a separate permission for each such tower or telecommunication pole structures from the Sanctioning Authority. (The Sanctioning Authority is as defined in Building Rules, 2012)

C. Submission of application for Permit:

Application for Permit shall be submitted to the Sanctioning Authority in the form in **Appendix-A** along with following Plans and Documents:

- (i) Location Plan – (scale 1:1000) Three copies
The Locational Plan shall show the site with reference to the surrounding existing developments duly showing the access and approach to the site/building wherein the tower/room is proposed.
- (ii) Site Plan - (scale 1:100)Three copies
The Site Plan shall show plot dimensions, access street width, details of existing structures within the plot with their uses, height, and number of floors, set-back from the plot boundaries and between them; proposed tower and ancillary structures.
- (iii) Elevation Plan - (scale 1:100)Three copies
The Elevation Plan shall show the structure including the existing/proposed building over which the tower/room proposed.
- (iv) Sections - (scale 1:100)Three copies
Section Plan shall show the cross-section of the structure including the existing/proposed building over which the tower/room proposed.
- (v) Structural Stability Certificate – one copy (original)
Structural Stability Certificate shall be submitted in respect of the Telecommunication Infrastructure Tower and room and also the building over which it will be erected.

The Structural Stability Certificate shall be obtained from a certified Structural Engineer, or from recognized institute like IITs, NITs and CBRI Roorkee or from the Engineering colleges recognized by AICTE or a Structural Engineer registered or employed in Central or State Government Service or Quasi- Government Organization.
- (vi) Ownership Document - One copy (attested) to prove the ownership of the building / site.
- (vii) Lease Agreement Deed / Consent Agreement Deed - [One copy (attested)] signed by the applicant and the owner of the site / building / association in case of apartments.
- (viii) Agreement - [One copy (attested)] Executed with Department of Telecommunications or License or Permit issued by an Authority approved by Government of India from time to time.
- (ix) In case the tower is in the vicinity or adjoining to high or low tension line- then its distance from the same shall be clearly indicated in the drawings.
- (x) Indemnity Bond (original) to take care of any loss or injury due to accident caused by the tower (including a declaration to the effect that the applicant shall take special precaution for fire safety and lightning and he shall be solely responsible for paying all kinds of compensation and damages and would be responsible for any civil or criminal case arising there from).

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- (xi) No objection certificate (if required) issued by
 - a) The Telangana State Disasters Response & Fire Services Department;
 - b) The Telangana State Environment and Forest Department;
 - c) Copy of SACFA clearance of copy of SACFA application for the said location submitted to WPC wing of DoT with registration number as WPC acknowledgement along with undertaking that the case of any objection/ rejection, TSPs/IPs will take corrective actions/ remove the tower;
 - d) Copy of Access Service License / IP Registration Certificate from Department of Telecommunications.
- (xii) Issue permission base on the copy of SACFA application for the said location. Submitted to WPC wing of DoT with registration number as WPC acknowledgment along with undertaking that in case of any objection / rejection. TPSs/IPs will take corrective actions / remove the tower.
- (xiii) Copy of Access Service License/ IP Registration certificate from Department of Telecommunications.
- (xiv) Permit Fee and charges as fixed by the Government from time to time **(Appendix-D)** and for Installation of Telecom Infrastructure Towers which are covered by interim orders of Hon'ble High Court, it would be subject to final outcome of Writ Petitions.
- (xv) Copy of acknowledgement issued by Telangana Pollution Control Board for installation of DG sets, which would serve the purpose of consent.

D. Scrutiny and Disposal of Application:

- (i) The Sanctioning Authority shall issue or refuse the permit, not later than 30days from the date of receipt of application along with the plans and documents as at rule C. In case of refusal, the reasons for the same shall be clearly mentioned. And if no permission or refusal is accorded within 30 days, the permit is deemed to have been accorded, provided that, the said installation shall comply all of these guidelines, including providing of completion certificate.
- (ii) The permit issued shall be a work permit and the construction or erection of telecommunication tower or telecommunication pole structures or accessory rooms essential for the use of such tower or pole structures shall be completed within one year from the date of issue of such permit.
- (iii) The period of the permit shall be extended for a further period of one year if an application for the same is submitted to the Sanctioning Authority, within the valid period of the permit duly paying 25% of the prescribed fee and charges and in the prescribed form as at Annexure B duly attaching the original permit.

E. Restriction to erect Telecommunication Infrastructure Towers:

(i) Water Bodies

1. No building or TIT shall be allowed in the bed of water bodies like river or nala and in the Full Tank Level (FTL) of any lake, pond, cheruvu or kunta / shikam lands. Unless and otherwise stated, the area and the Full Tank Level (FTL) of a Lake / Kunta shall be reckoned as measured and as certified by the Irrigation Department and Revenue Department.

2. No building or TIT shall be carried out within:
- (a) 100m from the boundary of the River outside the Municipal Corporation / Municipality / Nagara Panchayat limits and 50m within the Municipal Corporation / Municipality / Nagara Panchayat limits. The boundary of the river shall be as fixed and certified by the Irrigation Department and Revenue Department.
 - (b) 30m from the FTL boundary of Lakes / Tanks / Kuntas of area 10Ha and above.
 - (c) 9m from the FTL boundary of Lakes / Tanks / Kuntas of area less than 10Ha / shikam lands;
 - (d) 9m from the defined boundary of Canal, Vagu, Nala, Storm Water Drain of width more than 10m.
 - (e) 2m from the defined boundary of Canal, Vagu, Nala, Storm Water Drain of width up to 10m.
 - (f) In all Parks, Playgrounds and Public Open Spaces.

(ii) Railways

The distance between the Railway Property Boundary and the TIT shall be 30m as per Indian Railways Works Manual or as per no objection certificate (NOC) given by the Railway Authorities.

(iii) Electrical Lines

The distance of tower from electric line or pole or tower thereof shall not be less than height of tower plus requisite safety distance from respective high tension or low tension line i.e. a minimum safety distance (both vertical and horizontal) of 3m shall be maintained between the building/TIT and the High Tension Electricity Lines and 1.5m shall be maintained between the building/TIT and the Low Tension Electricity Lines.

(iv) Airport

- a. Within the Restricted Zone / Air Funnel Zone near the airport, necessary clearance from the concerned Air Traffic Controller, Airport Authority shall be obtained.
- b. The building / TIT heights and other parameters shall be regulated as per the stipulations of the Airport Authority of India as notified in Gazette of India Extraordinary (S.O.1589) dated 30-06-2008 and as amended from time to time by Ministry of Civil Aviation, Government of India.
- c. Irrespective of their distance from the aerodrome, even beyond 22km limit from the Aerodrome Reference Point, no radio masts or similar installation exceeding 152m in height shall be erected except with the prior clearance from Civil Aviation Authorities.
- d. In respect of any land located within 1000m from the boundary of Military Airport no building/TIT is allowed except with prior clearance from the concerned Air Traffic Controller, Airport Authority with regard to building height permissible and safe distance to be maintained between the building/TIT and boundary of the aerodrome.

(v) Defence Establishments

In case of Sites within 500m distance from the boundary of Defence Areas / Military Establishments prior clearance of Defence Authority shall be obtained.

(vi) Oil / Gas Pipelines

In case of Sites in the vicinity of Oil / Gas pipelines, clearance distance and other stipulations of the Respective Authority shall be complied with. The Oil / Gas Authorities shall also specify the clearances required stretch wise to Local Body.

(vii) Heritage Structures

In case of sites located within the distance up to 100 m from protected monuments as notified under Archeological Monuments and Ancient sites and remains Act, 1955 and as amended no building / TIT is allowed.

(viii) Base station Antennas should be avoided in narrow lanes (less than or equal to 5 meters).

(ix) In respect of rooftop towers with multiple antennas, the roof top usage should be discouraged for longer duration.

(x) In case of Wall Mounted/ Pole mounted Antenna, the antenna should be mounted at least 5 meters above ground level/ road level on flyovers.

F. Basic requirements to erect Telecommunication Infrastructure Towers:

(i) Setback for ground based Tower/Room:

- a) The minimum setback for the accessory room / ground based tower shall be as required under the Building Rules, 2012 subject to condition that it shall be a minimum of 3 m all-round, after leaving the road widening portion if any.
- b) In respect of roof tower the tower shall be erected after leaving road widening portion if any as per Master plan /Zonal Development Plan / Town Planning Scheme / Road Development plan or any other scheme.

(ii) Sharing of Sites:

The Telecom Operators may share the towers for fixing their respective antennas. The same are however, required to adhere to the prescribed technical requirements, so as to curtail multiplicity of towers as well as to optimize the use of the existing ones.

(iii) Installations:

- (a) In order to avoid any eventuality due to thunder storm, lightning conductors shall be installed.
- (b) Generator set installed at the tower site to cater to the power requirements of the antenna shall conform to the noise and emission norms prescribed by the Telangana State Pollution Control Board.

(iv) Protective Wall:

- a. Every tower erected on the ground and through which electric power is transmitted or passed shall be provided with protective wall or grill at a distance of one meter from any point of the base.
- b. The wall or grill shall have a minimum of 1.20m height and shall be kept under lock and key, if provided with door.

(v) Protection from lightning:

Every Telecommunication Infrastructure Tower shall be provided with sufficient protection against lightning, conforming to I.S. 2303-1969-Code of Practice as amended from time to time.

(vi) warning light and colour specification:

- (a) Every Telecommunication tower shall be provided with two Aviation warning light (ANL) each at 40m and 70m height from the ground level and one at the top, the two light at 40m height shall be fixed in one set of opposite and that at 70m height shall be fixed at the other set of opposite corners.
- (b) Every telecommunication tower shall be painted with international orange and international white colors alternatively each with 5m band starting straight with international orange at the top.

(vii) Damage and liability:

The applicant/owner shall be responsible for the structural stability of the telecommunication Infrastructure tower and the building in which it is erected and for any damage caused due to inadequate safety measures.

(viii) Building to be authorized:

Erection of any telecommunication infrastructure tower or pole structure or accessory rooms shall be permitted basing on the NOC from the building owners instead of sanctioned plan / occupancy certificate.

(ix) Completion Certificate:

- (a) After completion of the work of the telecommunication tower or pole structure and accessory rooms as per permit, the applicant and the engineer shall submit to the Sanctioning Authority completion certificate as in **Appendix-B** along with a certificate of structural safety/stability of the tower and the building, if the tower or pole is constructed over a building.
- (b) The Sanctioning Authority shall, if satisfied that the work has been completed as per permit, issue use certificate as in **Appendix-C** within 15 days allotting a number, on the basis of which the authorities concerned shall allow power connection, etc. for use of the service.
- (c) If the Sanctioning Authority does not communicate the Use Certificate within 15 days, then the certificate deemed to have been issued.

(x) Unauthorized Telecom Infrastructure Towers:

The Commissioner/Vice Chairman of ULB/UDA shall take necessary action on unauthorized Telecom Infrastructure Towers erected without valid permissions/ Completion Certificate, as per the Act provisions duly following the procedure.

6. Further, The Radiation norms given by DeITY have to be strictly followed by all Tower Infrastructure Service Providers and limit the Power Emissions/Radiations. All the complaints regarding radiation and radiation related technical details are being dealt by TERM cell of DOT and any citizen can approach the concerned TERM Cell of DOT with regard to grievance on any issues relating to radiation.

7. All the Commissioners of Municipal Corporations, Municipalities and Nagara Panchayats, and Vice- Chairmen of Urban Development Authorities, shall accord permission for clearance of installation of new Tele Communication Infrastructure Towers (TIT) which includes Ground Based Tower (GBT) / Roof Top Tower (RTT) / Roof Top Poles (RTP) / Cell Phone Tower (CPT), antenna fixtures, fabricated antenna, tower to install the telephone lines and transmission towers, by following the above said guidelines and other guidelines issued by Government of India from time to time.

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8. A copy of this order is available in the Internet and can be accessed at the address <http://goir.telangana.gov.in/>

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

M.G. GOPAL
PRINCIPAL SECRETARY TO GOVERNMENT

To

The Commissioner, Printing, Stationery & Stores Purchase Department, Government of Telangana Hyderabad (for Publication of the GO in Gazette and furnish 20 copies to Government and 200 copies to Director of Town & Country Planning, Government of Telangana, Hyderabad).

The Commissioner & Director of Municipal Administration,
Government of Telangana,
Hyderabad.

The Director of Town & Country Planning,
Government of Telangana,
Hyderabad,

All Vice Chairmen of Urban Development Authorities in the State through Director of Town & Country Planning, Government of Telangana, Hyderabad

All Municipal Commissioners in the State through Commissioner & Director of Municipal Administration, Government of Telangana, Hyderabad

The Chairman & Managing Director, TSTRANSCO, Government of Telangana, Hyderabad,

The Commissioner & Inspector General of Registration & Stamps, Government of Telangana, Hyderabad.

The Airport Authority of India, Begumpet, Hyderabad.

The Director General of State Disaster Response & Fire Services, Government of Telangana

The Engineer-in-Chief (Public Health), Government of Telangana, Hyderabad

The General Manager, South Central Railway, Secunderabad.

The Member Secretary, Telangana State Pollution Control Board, Hyderabad.

The Managing Director, Telangana State Housing Board, Hyderabad

The Commissioner of Panchayatraj, Government of Telangana, Hyderabad.

The Vice Chairman & Managing Director,
Telangana State Industrial Infrastructure Corporation Limited (TSIICL), Hyderabad

All District Collectors in the State through Commissioner & Director of Municipal Administration, Government of Telangana, Hyderabad.

Copy to:

The IT&C Department, Government of Telangana, Hyderabad.

The Home (Fire Services) Department, Telangana Secretariat, Hyderabad.

The Irrigation Department, Telangana Secretariat, Hyderabad.

The Revenue Department, Telangana Secretariat, Hyderabad.

The PS to Principal Secretary to CM

The P.S. to Principal Secretary to Government, MA & UD Dept.

The Law (A) Department

SF/SC

//FORWARDED ::BY:: ORDER//

SECTION OFFICER.

APPENDIX – A

..... (HMDA/ULB/UDA)

**APPLICATION FOR ISSUE OF PERMISSION FOR
ESTABLISHMENT OF TELECOMMUNICATION
INFRASTRUCTURE TOWER**

FILE No.	
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Date:	____.____.____
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To
The Commissioner,
.....(HMDA/ULB/UDA),

(Use CAPITAL LETTERS only)

A	ADDRESS OF THE APPLICANT										
1	Name										
2	Door No./Flat No.										
3	Road/Street										
4	Village & Mandal										
5	City/ Town										
6	District					PIN					
7	Phone / Mobile No.										
8	e-mail										

B	LOCATION OF THE PROPOSED SITE									
1	Plot Nos.									
2	Sanctioned Layout No. (if any)									
3	Survey No./Village									
4	Premises / Door No.									
5	Road/ Street									
6	Ward No./ Block No.									
7	Locality									
8	Circle/ Division									
9	City/ Town/ District									

C Details of the Proposed TIT					
1	Site Area (in Sq.M)	As per Documents	(B) As per submitted Plan	(c) Road Widening Area	(d) Net Area
2.	Proposals	i.	Name and Service/ Infrastructure provider: Ground Based Tower (GBT) / Roof Top Tower (RTI)/ Roof Top Poles (RTP)		
		ii.	Accessory Room		
		iii.	Generator Room		
3.	Whether proposed on an open plot / site				
4.	If any building is in existence and paying the Municipal Taxes, the erection of Telecommunication Infrastructure Towers or pole Structures or Accessory Rooms shall be permitted basing on the NOC from Building Owner, structural Stability are available.				
5.	Height of the tower along with its elevation (MSL) in meters	iv.			
6.	The capacity of Tower or Antenna in Megawatt	v.			
7.	Height of the Tower in meters	vi.			
8.	Weight of the Tower in Kilograms	vii.			
9.	Number of antennas planned on Tower	viii.			

CERTIFICATE

I/ we declare that we are the absolute/ owner/ owners/ lessee of the land/building on which I/we intend to erect the TIT. I am / we are enclosing all plans and copies of relevant documents including ownership/ lease certified by Magistrate/ Notary public/ a Gazetted Officer.

I/ we have gone through the Regulations made under the provisions and have satisfied myself/ ourselves that the Plans are in accordance with provisions contained therein.

Sl. No.	Name of Owner / Firm / Lessee License Technical Personnel	Signature
1 Owner / Owners	
2 Lessee / Authorised Agent	
3 Architect/ Engineer/ Surveyor License No. Address	
4 Structural Engineer License No. Address	

APPENDIX – B

.....(HMDA/ULB/UDA)
TELECOMMUNICATION INFRASTRUCTURE TOWER (TIT)
COMPLETION NOTICE

To
The Commissioner / Vice Chairman.
(HMDA/ULB/UDA)

Ref:	TIT Permit / Proceedings No	Date	dd	mm	yyyy
I/ We hereby give notice that the erection of the TIT has been completed as per Sanctioned Plan. The work has been completed to my/our best satisfaction. The workmanship and all the materials (type and grade) have been used strictly in accordance with general and detailed specifications. The TIT is fit for which it has been developed and it is fit for use for which it has been erected. The necessary Use Certificate may be issued. Use CAPITAL LETTERS only)					
A	NAME OF THE OWNER / FIRM / LESSEE				
B	LOCATION OF THE SITE / BUILDING ON WHICH IT IS PERMITTED				
1	Plot No.				
2	Sanctioned Layout No. / LRS No.				
3	Survey No.	Village			
4	Premises / Door No.				
5	Road/ Street				
6	Ward No.	Block No.			
7	Locality				
8	Circle	Division			
9	City/ Town	District			
C	DETAILS OF COMPLETED TIT				
1	TIT Permit / Proceedings No.	Date	dd	mm	yyy
2	TIT Permitted	i.	Ground Based Tower(GBT) / Roof Top Tower (RTT) / Roof Top Poles (RTP)		
		ii.	Accessory Room		
		iii.	Generator Room		
3	a	Due date for completion of the TIT	Date	dd	mm yyy
	b	Date on which completion notice submitted	Date	dd	mm yyy
	c	Whether it is completed within the stipulated time	Yes	No	

Sl. No.	Name of Owner / Firm / Lessee / License Technical Personnel	Signature
1 Owner / Owners	
2 Lessee / Authorised Agent	
3 Structural Engineer License No. Address	

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APPENDIX – C

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**(HMDA/ULB/UDA) TELECOMMUNICATION
INFRASTRUCTURE TOWER (TIT)
USE CERTIFICATE**

Ref:	TIT Permit / Proceedings No		Dt.	dd	m m	yyy y
	TIT Completion Notice submitted by the Applicant & Structural Engineer		Dt.	dd	m m	yyy y
	FILE No.					
<p>The Owners/Firm/Lessee/Structural Engineer have given the TIT Completion Notice that the TIT has been erected as per the specifications of Sanctioned Plans and it is structurally safe for use. Accordingly it is declared fit for use. (Use CAPITAL LETTERS only)</p>						
A	NAME OF THE OWNER / FIRM / LESSEE					
B	LOCATION OF THE SITE / BUILDING ON WHICH IT IS PERMITTED					
1	Plot No.					
2	Sanctioned Layout No. / LRS No.					
3	Survey No.	Village				
4	Premises / Door No.					
5	Road/ Street					
6	Ward No.	Block No.				
7	Locality					
8	Circle	Division				
9	City/ Town	District				
C	DETAILS OF COMPLETED TIT					
4	TIT Permit / Proceedings No.		Date	dd	m m	y yyy
5	TIT Permitted	i.	Ground Based Tower(GBT) / Roof Top Tower (RTT) / Roof Top Poles (RTP)			
		ii.	Accessory Room			
		iii.	Generator Room			
6	a	Due date for completion of the TIT	Date	dd	m m	y yyy
	b	Date on which completion notice submitted	Date	dd	m m	y yyy
	c	Whether it is completed within the stipulated time	Yes	No		
	d	If No, the Fine collected (Rs)				

To
Sri / Smt.....

Commissioner/Vice-Chairman

APPENDIX – D

**Permit Fee and Charges for issue of Permission for
Establishment of Telecommunication Infrastructure Tower**

Sl. No.	Grade of the Urban Local Body	Amount per each Application (TIT) (in Rs.)
1	All Corporations	1,00,000
2	Selection, Special & First Grade	75,000
3	Second & Third Grade	50,000
4	Nagar Panchayats	30,000