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Government of Rajasthan
Urban Development & Housing Department

F. No. F.10(147)UDH/2008 Part-II

Dated: 15 SEP 2015

Order

Telecom Service Providers/Infrastructure Providers have approached State Government for permission to install the Ground Based Mast for providing telecom infrastructure in the State.

Based on extensive discussions and examination of proposals of Telecom Service Providers/Infrastructure Providers and circulars and orders regarding installation of mobile towers by Department of Telecommunications, Ministry of Communication and Information Technology, Govt. of India from time to time, it has been decided to allow infrastructure provider to install the Ground Based Mast at desired locations, laying OFC by using Horizontal Directional Drilling methodology, laying of overhead OFC and establishing GBM for expansion of network across the state on the following Terms and conditions :-

1. The company shall obtain necessary permission for laying Optical Fiber Cable Network under roads and overhead and installation of GBM in the cities from concerned Urban Local Bodies or Development Authorities/UIT's as the case may be as prescribed from time to time. In the Walled City area or in the areas of Heritage importance the poles/mast shall be designed keeping in view to maintain the Heritage character of the area which need to be approved separately by the Local Authority. For obtaining clearance from any Urban Local Authority for installation of GEM, the company shall submit all the documents as prescribed by Department of Telecommunications from time to time (Order effective from 01.08.2013 is enclosed).
2. Before carrying out the project the company has to assure the Government about the trenchless technology being used by them for laying the cable (normally no digging will be allowed) and convey the area to be taken up in each town in the initial phase. The company has to prepare a detailed plan of implementation and submit the same to the concerned Local Body & Director, Local Bodies, Rajasthan. The work shall be started from the outer areas of the selected cities and after completing that they may proceed to the core area.
3. That the NOC's of Authorities whenever necessary including traffic police shall be obtained and the conditions thereof shall be binding.
4. Only pits of approximate size for 2m. X 2m. X 1.5m. depth or as per requirement at site shall be excavated in the roads where optical fiber cables are to be laid, at the distance of not less than 100 meter. The pits shall be refilled only with granular material and shall be compacted as per the specifications. The pits/trenches shall be reinstated within 48 hours after the work at that location is over, failing which, penalty as applicable as per the guidelines for trenching activities shall be applicable. Proactive GPR survey (Ground Penetrating Radar) shall be used for the locations indentified, to avoid any damage to underground utility services.
5. Damages of roads and filling up of pits caused during the erection of GBMs & laying of underground cabling will be repaired by concerned ULB and the entire cost, at double rate of the above work for restoration of damaged road portion shall be charged by the local bodies from the infrastructure provider. Such charge may be taken in advance in the form of

100% cash or 50% cash plus 50% Bank Guarantee valid for One year. The amount of deposit money will be decided by State Government.

6. Number of Operators on one Mast shall be not more than 4. Such Mast will be erected for utilization by multiple operators to provide the desired services within the area.
7. Before operationalising Antenna installed over the Ground Based Mast, test report of radiation limit will be taken from the appropriate authority Telecom Enforcement, Resource and Monitoring Cell (TERM Cell) of Department of Telecommunications, Govt. of India as per the guidelines issued by Ministry of Communications and Information Technology from time to time, in respect of each such mast.
8. Minimum width of road 30 feet on which GBMs will be installed.
9. GBM will not be installed within the premises or not less than 15mtrs. from the boundary of Schools, Hospitals, Sports grounds & 500 mtrs. radius of Jail campus.
10. Number of ducts under the roads for which permission will be granted by the Local Authority shall be as per the requirement of Telecom Service Providers/Infrastructure Providers.
11. If so desired by ULB, M/s Telecom Service Providers/Infrastructure Providers shall arrange for Bandwidth up to 2MBPS free of cost to the ULB for its own use, for a period of 7 years.
12. The Infrastructure provider will carry out GPR survey wherever necessary along the route where the ducts will be laid for detection of existing utilities. The data of utilities collected through GPR survey should be unconditionally shared with Local Authority, free of cost.
13. No damage shall be caused to any underground utilities while laying the ducts by using Horizontal directional drilling methodology. In case any utility is damaged, the damage so caused to the utilities, shall be rectified at the infrastructure providers costs/ the expenses towards rectification of the damage shall borne by the company as per Item No. 5.
14. Ducts shall be laid approximately 2 mtrs. below the road crust.
15. The cost of shifting conduits/OFC, whenever required, shall be borne by Telecom Service Providers/Infrastructure Providers and instructions of Local Authority in this respect shall be complied within the time frame prescribed.
16. Local Authority shall not be responsible for any damage to OFC and resultant losses, if any, due to any act of employee of Govt., while performing official duties.
17. Infrastructure provider shall make proper arrangement for access control of the chambers to avoid misuse/illegal use of ducts and the chambers.
18. For erection of Ground Based Masts (GBMs), infrastructure provider shall be permitted to erect GBMs, at specified location on roads over the ground area not more than 3 mtrs. X 3 mtrs. The spacing between the two GBMs of Telecom Service Providers/Infrastructure Providers to be erected shall not be less than 200 mtrs. in line of sight.
19. For laying overhead OFC from fiber to home network it shall be permitted to erect poles on specified locations on roads over the ground area not more than 1m. X 1m. The spacing between two poles should not be less than 50m. in line of the sight.
20. The company shall fix only those equipments on the towers for electricity, generation (battery etc.), which cause minimum noise and environmental pollution. Also the radiations from the tower shall not exceed the limit prescribed by Department of Telecommunications Govt. of India.

21. The Structural Stability of the GBMs shall be ensured by Telecom Service Providers/Infrastructure Providers and the GBMs and their foundations shall be designed accordingly.
22. Telecom Service Providers/Infrastructure Providers shall be solely responsible for any mishap, if it takes place during or after erection of the GBMs. The Telecom Service Providers/Infrastructure Providers shall, be deemed to have indemnified Local Authority against such mishap and its consequences.
23. Telecom Service Providers/Infrastructure Providers shall allow advertisement boards and all advertisement rights of these GBMs as per directions of ULBs and at the sole discretion of Urban Local Body.
24. The height of GBMs shall be upto 30 mtrs maximum subject to clearance from Airport Authority wherever applicable. For structural safety of GBM Telecom Service Providers/Infrastructure Providers shall be solely responsible.
25. The Telecom Service Providers/Infrastructure Providers shall get 10% of the total GBMs inspected by the technical department concerned of Govt. of India every year. Also State Government/ULB will get the technical testing of at least 25% of total GBMs through independent technical agencies such as IIT to check the radiation norms every year.
26. Telecom Service Providers/Infrastructure Providers shall pay the following charges to the Urban Local Body -
- (a) One time registration charges shall be Rs.1,00,000 per GBM for the State Capital, Rs. 75,000 per GBM for Divisional Headquarters, Rs. 50,000 per GBM for other Towns with population 1 lakh and above and Rs. 25,000 per GBM for the remaining Towns of the State levied by the ULB for the GBMs in the urban area.
 - (b) Annual charges @ 5% of DLC rate shall be charged for such GBM, which are installed on any land belonging to ULB. This will be for ground area affected by construction/erection of GBM or any other structure of Telecom Service Providers/Infrastructure Providers.
27. Apart from the above mentioned charges, Telecom Service Providers/Infrastructure Providers shall also provide the following:-
- (a) Security Surveillance Cameras of High Resolution (2 mega pixels or above) for Police use on all Ground Based Masts (GBMs), free of cost along with free bandwidth required for the same in consultation with Police Deptt and mutually agreed terms. Minimum of 2 cameras per Tower shall be provided. Cameras should be of minimum 2 megapixels. A control room shall also be established by the Telecom Service Providers/Infrastructure Providers at the premises suggested by Police Department, who shall maintain and operate the same after installation.
 - (b) In case ULB requires High Mast LED lighting instead of Surveillance Cameras the same shall be fixed by Telecom Service Providers/Infrastructure Providers but necessary spares shall be provided by ULB. However, the work on the towers shall be done by Telecom Service Providers/Infrastructure Providers personnel only without any delay. The cost of power consumed for street lights shall be borne by ULB.
 - (c) Ten percent, GBMs will be allowed to be used free of cost for hoardings by the local body.

- (d) Telecom Service Providers/Infrastructure Providers in addition to security cameras, street lights, hoardings, for State Govt. will maintain at least 5 major parks/roundabouts/open spaces in each proposed city based on the proposal from the local body. In Jaipur 7 major parks/roundabouts/open spaces will be maintained or in lieu of this in any city cash contribution Rs. 10,000/- per GBM annually can also be made only to be used for same purpose.

Compliance of the above services shall be submitted to Urban Development Department on Quarterly Basis. To monitor the compliance a committee at State level would be constituted under chairmanship of Secretary Incharge of Urban Development Department. Telecom Service Providers/Infrastructure Providers shall enter into an MOU with Police Department for providing security surveillance cameras and establishment of control room.

28. Telecom Service Providers/Infrastructure Providers will prepare a detailed plan for each proposed city for erecting GBMs after consultation with concerned ULB. The plan shall be sanctioned by the ULB within a period of 30 days. In case it is not sanctioned within the stipulated period the Company can approach DLB in case of municipalities and to Joint Secretary, UDII in case of UTs/Development Authorities who will take a decision in this case. Only after approval of the plan the work will be started.
29. Telecom Service Providers/Infrastructure Providers will prepare a Draft MOU to be entered into between Telecom Service Providers/Infrastructure Providers and Local Authorities and submit the same to respective Local Authority for approval comprising of all above Terms and Conditions.

(Ashok Jain)

Additional Chief Secretary

Copy to :-

1. PS to Additional Chief Secretary, UDII Department, Jaipur.
2. PS to Director General (Police), Rajasthan, Jaipur.
3. PS to Principal Secretary, Local Self Govt., Rajasthan, Jaipur.
4. District Collector, Jaipur/Jodhpur/Kota/Amer/Udaipur/Bharatpur/Bikaner.
5. Police Commissioner, Jaipur/Jodhpur.
6. Chief Engineer, PWD Roads, Govt. of Rajasthan, Jaipur.
7. Chief Town Planner, Rajasthan, Jaipur.
8. Secretary, Jaipur/Jodhpur/Ajmer Development Authority, Jaipur/Jodhpur/Ajmer.
9. Director, Local Bodies, Jaipur to issue similar order for all concerned Municipal Corporations.
10. Secretary, Urban Improvement Trust, All.
11. M/s Indus Towers Ltd., D-34, Subhash Marg, G-Business Park, 3rd Floor, C-Scheme, Jaipur.
12. Tower and Infrastructure Providers Association, II & III Floor, Bhai Veersingh Marg, Gole Market, New Delhi.
13. Guard File.

Joint Secretary-II