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Government of Rajasthan
Urban Development Housing & IEG Department

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

Jaipur Dated 31 AUG 2012

Order

M/s. Intel Broadband Services Ltd (IBSL) has approached State Government for permission to launch 4G mobile services in the State of Rajasthan by laying OFC cables and erection of Ground Based Mast (for starting 4G mobile services in the State of Rajasthan). Initially the service is proposed to be launched in the seven divisional headquarters namely: Jaipur, Jodhpur, Kota, Ajmer, Udaipur, Bikaner and Bharatpur. Subsequently other towns will be covered.

Based on extensive discussions and examination of proposal of Company (Service provider) it has been decided to allow M/s. Intel to lay OFC wherever possible by using HDD methodology, laying of overhead OFC from fibre to home and establishing GBM for 4G network in the cities of Jaipur, Jodhpur, Kota, Ajmer, Udaipur, Bharatpur and Bikaner on the following Terms and conditions:-

- ✓ 1) Service provider 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 JDA/JDA (M) as the case may be. 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.
- ✓ 2) The work shall be started from the outer areas of the selected cities and then they may proceed to the core area.
- ✓ 3) That the NOCs of other authorities whenever necessary including Traffic Police shall be obtained and the conditions thereof shall be binding.
- ✓ 4) Only pits of approximate size 2m x 2m x 1.5m depth or as per requirement of site shall be excavated in the roads where Fiber Cable are to be laid at the distance of approximately every 100m. The pits shall be filled only with granular material and shall be completed as per the specifications. The pits/trenches shall be reinstated within 72 hours after the work at that location is over, failing which, penalty as applicable or per the guidelines for trenching activity, shall be applicable.
- ✓ 5) Damages of roads and filling up of pits caused during erection of GBMs & laying of underground cabling will be repaired by concerned U/LB and the entire cost at double rate of the original cost. The reinstatement of damaged road portion shall be charged by the local bodies. From the service 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) Only single user Mast will be erected instead of multiple operators which causes radiation problem.
- 7) Before operationalising Antenna installed over the residential roof-top, test report of radiation limit will be taken from the approved agency (like IIT) approved by State Government.
- ✓ 8) Minimum width of road 30 feet on which GBMs will be installed.
- ✓ 9) GBM will not be installed within the premises 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 IBSL.

- ✓ 11) If so desired by ULB, M/s IBSTL shall provide for Bandwidth up to 2MBPS free of cost to the ULB for its own use.
- ✓ 12) The service 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 other underground utilities while laying the ducts by using Horizontal Directional Drilling Methodology. In case any utility is damaged, the damage so caused to the other utilities, shall be rectified at the Service providers costs/ the expenses towards rectification of the damages shall be borne by the company.
- ✓ 14) Ducts shall be laid approximately 2mts below the road crust.
- ✓ 15) The cost of shilling conduits/OFC, wherever required, shall be borne by M/s IBSTL and instructions of local authority in this respect shall be complied with in 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) Service 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), service provider shall be permitted to erect GBMs at specified locations on roads over the ground area not more than 3mt X 3mt. The spacing between the two GBMs to be erected shall not be less than 200mt. in line of sight.
- ✓ 19) For laying overhead OFC from fiber to home network 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) Service provider shall be 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 Govt. of India.
- ✓ 21) The Structural Stability of the GBMs structurally safe shall be taken by the company and the GBMs and their foundations shall be designed accordingly.
- ✓ 22) Service provider shall be solely responsible for any mishap, if it takes place during or after erection of the GBMs. The service provider shall indemnify Local Authority against such mishap and its consequences.
- ✓ 23) Service provider shall allow advertisement boards on atleast ten percent of these GBMs as per the policy of ULBs and at the sole discretion of Urban Local body.
- ✓ 24) The height of GBMs shall be 25 mtrs maximum subject to clearance from Airport Authority whichever applicable. In case tower height exceeds the height of 25 mtrs technical assessment of height required shall be done by IIT/ILIT/Telecom Consultants of India Ltd. a Govt. of India Undertaking (TCLL)
- ✓ 25) 10% of the total GBM will be inspected by the technical department concerned of Govt. of India. Also State Government/ULB will get the technical testing of at least 25% of total GBM through independent technical agencies, such as EIR to check the radiation norms every year.
- ✓ 26) Service provider shall pay the following charges to the Urban local body.

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- (e) Registration and annual charges as levied by the ULB from time to time as per policy of State Government for the GBMs in the urban area.
- (b) Annual charges @ 5% of DLC rate for such GBM, which are installed on any land belonging to ULB. This will be for the ground area affected by construction/erection of GBM or any other structure of Service Provider.
- 27) Apart from the above mentioned charges, Service Provider shall also provide the following :-
- (a) Security Surveillance Cameras of High Resolution 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 number of Surveillance cameras shall be 1000 for Jaipur, 800 each for Jodhpur & Kota, 500 each for Ajmer, Bikaner & Udaipur and 300 for Bharatpur.
- (b) In case ULB require High Mast lighting instead of Surveillance Cameras the same shall be fixed by Service Provider but necessary spares shall be provided by ULB. However, the work on the towers shall be done by IBSL 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) Service Provider 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
- 28) Service provider will prepare for each proposed city a detailed plan 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 who will take a decision in this case. Only after approval of the plan the work will be started.
- 29) Service provider will prepare a Draft MOU to be entered in to between M/s IBSL and Local Body and submit the same in case of Jaipur to the DLB & for other towns to the respective Urban Local Body for approval comprising of all above terms and conditions.

(Tarachand Meena)
Director Local Bodies

(N. L. Meena)
Deputy Secretary-III

Copy to following for information & necessary action :-

1. PS to Minister, Urban Development, Housing & LSG Department.
2. Director General, Police, Govt. of Rajasthan, Jaipur.
3. Divisional Commissioner, Jaipur/Jodhpur/Kota/Ajmer/Bikaner/Udaipur/Bharatpur.
4. I.G., (Police), Kota/Ajmer/Bikaner/Udaipur/Bharatpur.
5. Police Commissioner Jaipur/Jodhpur.
6. Commissioner, Jaipur/Jodhpur Development Authority, Jaipur/Jodhpur.

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7. Chief Engineer, P.W.D. (Roads) Govt. of Rajasthan, Jaipur.
8. District Collector, Jaipur/Jodhpur/Kota/Ajmer/Bikaner/Udaipur/Bharatpur.
9. Secretary, U.T. Abu Distt. Sirohi/Ajmer/Alwar/Bharatpur/Bhilwara/Bhiwadi/Bikaner/Jaisalmer/Kota/ShriChanganagar/Udaipur.
10. CEO, Nagar Nigam, Jaipur, Jodhpur, Kota, Ajmer, Bikaner.
11. Director, Local Bodies, Govt. of Rajasthan to circulate to all concerned Urban Local Bodies.
12. Chief Town Planner, Rajasthan, Jaipur.
13. M/s Infotel Broadband Services Ltd., D-7, Unawandeep Building, 6 Jantar-Mantar Road, New Delhi-110001.
14. Guard File.


Deputy Secretary-III