

30-148/2006-USF (Vol. V)
Government of India
Department of Telecommunications
Office of the Administrator, USO Fund
706, Sanchar Bhawan, New Delhi-110001

Dated 24.10.2006

All the UASLs/ CMSPs /Prospective Infrastructure Providers

Sub: Placement of the proposed tower design for creation of shared infrastructure for mobile services in rural and remote areas.

Dear Sir,

A proposal is under active consideration of Universal Service Obligation Fund to provide subsidy support for creation of infrastructure to be shared amongst three telecom service providers, for provision of mobile services in rural and remote areas of the country. About 8,000-10,000 towers alongwith electricity connection, power backup etc. is proposed to be set up in rural areas, which are presently not covered by mobile signals. The Telecom Service Providers and the short-listed Infrastructure Providers shall be eligible to create the said infrastructure, while provision of mobile services would be taken up by the successful service providers only.

2. The location of the towers proposed to be installed in some of the states like Andhra Pradesh, Assam, Gujarat, Jharkhand, Madhya Pradesh, Maharashtra, Karnataka, Orissa, Rajasthan and West Bengal has already been placed on DoT website.

3. The proposed tower design of 40 meter height under various wind speed conditions has been worked out and are being placed on DoT website ('Tender' head under 'What's New') as per details given below:

- (a) 40 m tower (Wind speed 140 kmph, 160 kmph, 180 kmph and 200 kmph)
- (b) Antenna supporting cage and platform
- (c) Ladder and cable tray assembly
- (d) Foundation details for soil bearing capacity of 10 MT/sqm for different wind speeds
- (e) Raft foundation for soil bearing capacity of 10 MT/sqm for different wind speeds
- (f) Foundation details for soil bearing capacity of 15 MT/sqm for different wind speeds
- (g) Foundation details for soil bearing capacity ≤ 5 MT/sqm (Expansive soil)
- (h) Template for wind speed 140 kmph, 160 kmph, 180 kmph and 200 kmph
- (i) Base plate, bolt design and shape of bars
- (j) Boundary wall and General layout details

4. It is requested that the comments in respect of the proposed tower design may please be sent by e-mail at ddgusf@gmail.com and opminhas@gmail.com within two weeks. Your comments in this regard would be of immense use in formulation of draft tender document.

Thanking You,

Yours sincerely,

(Ashok Kumar)
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