

Justification and Detailed note of the Project

APCO 25 is a suite of standards for digital mobile radio communications designed for use by public safety organizations. It is a direct replacement for analog UHF (example FM) radios but add the ability to transfer data as well as voice, allowing for a more natural implementation of encryption or messaging and are commonly implemented by dispatch organizations, such as Police, Fire, Ambulance and Emergency Rescue Service, using vehicle-mounted radios combined with walkie-talkie handheld use.

APCO 25 tower for Phase II Network is a sought to define a unified set of requirements for a next-generation aeronautical and terrestrial digital wideband/broadband radio standard that could be used to transmit and receive voice, video, and high-speed data in wide-area, multiple-agency networks deployed by public safety agencies.

The proposed tower is to be constructed near the Lalgaadimalakpet RF near to the state highway connecting to the Gajwel town (Telangana state Chief Minister Constituency) and Siddipet District. In order to maintain the law and order, traffic, security for emergency cases and also for the VIPs, the construction of APCO 25 tower is necessarily required. Hence the proposals are submitted for an area of 0.0995Ha.

The details are as follows:

Division Name	Component	RF Block	Area in Ha
Medchal	Construction of APCO 25 Tower	Lalgaadimalakpet RF	0.0995


Commissioner of Police, 4/12
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