

MOBILE INTEGRATED NETWORK TERMINAL (MINT)

1. **Project Brief.** MINT is proposed as a light weight, portable and easy to configure communication system with Integral Satellite Backhaul and Field Wireless System (FWS). MINT would be based on a spectrally efficient FWS. The system would have satellite communication as primary media for backhaul. At user end, a single device with support for triple play services is proposed. The system would function in standalone and integrated mode. The system is proposed in a maximum of five transportable cases to include the following:-

- (a) Satellite backhaul.
- (b) FWS system.
- (c) Power system.
- (d) Portable antennae assembly.
- (e) A ground antennae assembly which can be mounted on vehicle in addition to the portable version is also sought. The weight of the ground antennae assembly is to be independent of the previously mentioned portable system.