

## **BASELINE SCOPE**

### **Central Network Equipment:**

Including equipment:

- 4 x Backhaul Firewall
- 2 x Combined Router (GGM8000)
- 2 x Core Router (GGM8000)
- 2 x Backhaul Switch

### **Licences:**

Including Licences:

- 11 x Base Station Site licences
- 9 x 100 Radio User licences supporting 900 radio users
- 9 x SDS licences supporting 900 radio users
- 9 x PDS licences supporting 900 radio users
- 9 x Air Interface Authentication licences supporting 900 radio users
- 9 x Air Interface Encryption licences supporting 900 radio users
- 9 x GCK with OTAR licences supporting 900 radio users
- 9 x Dynamic Shared Service licences supporting 900 radio users
- 9 x Object Call (including BIC/BOC for Group and Private Call) licences supporting 900 radio users
- 9 x ATIA-API licences supporting 900 radio users
- 1 x Zone Performance Reports Lic
- 1 x Dyn. Regroup. with RCM Lic
- 5 x Windows Client Access License
- 43 x Console and AIS Lic
- 6 x Console Telephony Lic

### **RF Sites:**

Including equipment

- 11 x Base Sites, each with one (1) MTS1 Base Station
- 22 x Omnidirectional TETRA antennas with connectors and RF Cables
- 11 x GPS/GLONASS antennas

### **Dispatching equipment:**

Including equipment

- 3 x Control Site Switch (HP2930)
- 3 x Control Site Router (GGM8000)
- 43 x MCC7500C Nextgen
- 43 x Console Beacon
- 43 x MCC7500C Speaker Nextgen
- 43 x PTT Footswitch
- 43 x Nextgen Plantronics HW510 Headset

**Radio Terminals TETRA:**

Including equipment

- 300 x MTP3500 Portable Radios, each comprising:
  - Air Interface Encryption (TEA1), 1.8 Watts)RF power, GPS, combined TETRA/GPS antenna, 1 x 2,150 mAh Li-Ion batteries, travel charger, belt clip
- 170 x MTP3550 Portable Radios, each comprising:
  - Air Interface Encryption (TEA1), 1.8 Watts)RF power, GPS, combined TETRA/GPS antenna, 1 x 2,150 mAh Li-Ion batteries, dual unit charger, belt clip,
- 20 x ST7000 Portable Radios, each comprising:
  - Air Interface Encryption (TEA1), GPS, combined TETRA/GPS antenna, 1 x 1700 mAh Li-Ion batteries, charger, carry holster
- 320 x MTM5400 Dash Mount Mobile Radios, each comprising:
  - Air Interface Encryption(TEA1),GPS, combined TETRA/GPS antenna,hand held microphone, 7 Watts speaker, mounting kit, power cable

Additionally, the following Radio Accessories are included:

- Latest Customer Programming Software

**Implementation Services:**

- Project Management
- Systems Engineering
- System Integration
- Logistics
- Field Engineering / Commissioning Support
- delivery: CIP Tbilisi

**Support Services:**

- 1 year of Essential Support Package and 8x5 remote technical support

**GE local Services Services (local partner) :**

- project specific design according to GE rules
- 11 x sites survey and report
- 11 x Antenna brackets preparations
- 11 x Brackets installation on towers
- 11 x RF cables, connectors, batteries, power cables installation
- 43 x Consoles installation in one control room
- warehouse storage and transport logistics to the sites