



PUBLIC SAFETY NETWORK PROJECT

**Project Brief to His Excellency the President of the
Republic of Uganda**

By

The Joint Security/ICT Technical Committee

Ministry of Security

Ministry of Internal Affairs

Ministry of Defence

Ministry of Information and Communications Technology

1.0 BACKGROUND

As you are aware, your Excellency, there are several internal and external security challenges Uganda is facing. These include increased threats from terrorism, for instance the terror attack on revellers at Kyadondo Rugby grounds in Lugogo and the Ethiopian Village in Muyenga during the World Cup Final of July 2010 in which over 70 innocent lives were lost, cyber-crimes and other communications network based crimes, the rampant street demonstrations particularly in Kampala, and the need to provide adequate security during events like national elections and international conferences/events taking place in Uganda. This calls for efficient and effective security services countrywide.

One of the ways of improving efficiency and effectiveness of Security Agencies is through the use of modern communications systems. Accordingly, specifically during the Commonwealth Heads of Government Meeting (CHOGM) in November 2007, positive steps were taken in this direction by installing a Closed Circuit Television (CCTV) surveillance network and a Terrestrial Trunked Radio (TETRA) communication network. Additionally, the Regulation of Interception of Communications Act, 2010 came into force on September 03, 2010 with a key objective of regulating interception of communications by establishing a Monitoring Centre for lawful interception of communications.

Currently, the Security Agencies, whilst conducting joint operations, communicate through a Terrestrial Trunked Radio (TETRA) communication system which covers only areas of Kampala.

3.2 CCTV Surveillance Network

It is proposed that the CCTV Surveillance Network be expanded to cover the Kampala Metropolitan Area, all border entry/exit points, vital installations, crime prone areas, check points, accident prone areas, lake shores, major tourist centres, the Entebbe-Kampala-Munyonyo VIP corridor and major shopping malls. The fixed CCTV installations shall be able to communicate with mobile command vehicles.

This project will acquire about 10,000 cameras, with a scalable infrastructure to provide a more comprehensive coverage of all the vital points nationwide and to accommodate the Public Private Partnerships (PPP) concept. In this concept, the private sector will be encouraged to install their own camera systems which shall be connected to the central national security CCTV grid thus enabling access by the Security Agencies.

3.3 National Emergency Call Centre

It is proposed that the National Emergency Call Centre be upgraded into a modern (high-tech) call centre with an information processing and management system with capabilities to perform, among others, the following: handle large volumes of traffic communications concurrently, provide caller location information details, and enable voice, video & data logging and recording.

3.4 Lawful Interception of Communications

The Lawful Interception solution aims at establishing a fully integrated Communication Monitoring Centre with capacity to monitor and track activities on all communication platforms. The solution will also provide a capability to closely follow activities on Internet social media, chat-rooms, e-mails, blogs and any other electronic publications and mass media. This monitoring capability, in conjunction with the data from SIM card registration, shall assist law enforcement and Security Agencies in tracking various activities conducted over communication networks.

4.0 STATUS OF THE PROJECT

4.1 Commitment by Government

- (a) On 27th October 2010, Cabinet approved as follows:
 - i. That the TETRA communication network, the CCTV surveillance system and the Police National Emergency Call Centre be expanded;
 - ii. That the Ministry of ICT procures the systems for the above mentioned TETRA, CCTV and National Emergency Call Centre expansion at an estimated cost of US\$ 82.5-million; and

iii. That the Ministry of Finance, Planning and Economic Development mobilizes funds for the above expansion.

(b) In 2010, Parliament enacted a law for the regulation of interception of communications - i.e. The Regulation of Interception of Communications Act, 2010 which provides that Government establishes a Communications Monitoring Centre.

4.2 Market Survey

(a) National Public Safety System

The Joint Security/ICT Technical Team invited several companies to showcase their solutions for this project. The companies that responded are: ZTE Corporation, Huawei Technologies, Motorola, Iran Electronic Industries (IEI), Emcom Africa (Pty) Ltd, Ericsson, Comtel Integrators Africa Ltd, Harris Corporation, Multitek Data Systems Ltd, Kukhanya Technologies and European Air Defence Systems (EADS). This market survey is the basis upon which the project cost estimates were determined. Plans are underway to carry out due diligence and benchmarking of these companies in order to establish their suitability to implement the project.

(b) Lawful Interception of Communications Solution

The Security Technical Team made a shortlist of potential solution providers who were subsequently invited to make presentations on their solutions. The Security Technical Team was able to carry out due diligence and benchmarking of the following companies: Verint Systems Ltd, Nice Systems, Gamma Group International, ZTE Technologies, Huawei Technologies, Macro Systems and Resi Group.

4.3 Procurement

The Joint Technical Team developed minimum technical specifications for the systems; and consequently the Ministry of ICT initiated procurement for the National Public Safety System. This involved submission of a requisition for a waiver to use Direct and Classified method of procurement to the Public Procurement and Disposal of Public Assets Authority (PPDA). However, PPDA requested for confirmation of funding of the projects before granting any waiver. At the same time, procedural formalities for the procurement of the Lawful Interception solution has been ongoing with the Security Technical Team carrying out due diligence and preliminary evaluation of the prospective companies.

4.4 Funding of the Project

A team headed by the Minister of Security approached EXIM Bank of China for financial support and EXIM Bank indicated readiness to

finance the project as long as it is included on Uganda Government's project priority list.

4.5 Phased Approach

The implementation of the project is proposed to be carried out in three phases as detailed in Annex 1.

5.0 REQUEST

Your Excellency, the Joint Security/ICT Technical Committee requests the following:

- (a) Approval for the expansion of the Public Safety Network Project;
- (b) That the Public Safety Network Project be recognized as an infrastructure project;
- (c) That the Public Safety Network Project be included on the Government project priority list for financing; and
- (d) That the acquisition of the loan from EXIM Bank of China by the Ministry of Finance, Planning and Economic Development to fund the project be approved.