

# Appeal 2005



## EFFECTIVE INFORMATION TECHNOLOGY (IT) & TELECOMS IN FEDERATION DISASTER MANAGEMENT

Appeal no. 05AA095

Appeal target: CHF 272,272<sup>1</sup>

The International Federation's mission is to improve the lives of vulnerable people by mobilizing the power of humanity. The Federation is the world's largest humanitarian organization, and its millions of volunteers are active in over 180 countries.

This document reflects a global programme and related activities to be implemented in 2005, and the related funding requirements. For further information concerning this programme please direct enquiries to: Hugh Peterken, Information Systems Department; email: [hugh.peterken@ifrc.org](mailto:hugh.peterken@ifrc.org)

For further information on programmes or operations in other countries or regions, please also access the Federation website at <http://www.ifrc.org>

*Click on figures below to go to the detailed budget*

Programme title	2005
Coordination and Implementation	272,732
<b>Total</b>	<b>272,732</b>

### Context

One of the core functions of the International Federation in the area of Disaster Management is to:

- support national societies in capacity building and in the development of relevant basic infrastructure; and
- use its international influence and partnerships to support national societies' work, through effective advocacy.

The Federation constantly works to develop and improve the effectiveness and quality of tools and standards, to respond to widely varying disaster management scenarios. In this way national societies are assisted in implementing and using Disaster Management tools and systems. The IT and telecom component of national societies' infrastructure and basic capacity to manage disasters, is vital to their successful disaster response.

This program aims to deliver a tool for deployment in disasters, that:

- provides almost instantaneous access to Internet based information, e-mail and critical IT systems, through a suit-case sized, wireless computer network;

<sup>1</sup> USD 234,381 or EUR 179,921.

## **Effective IT and Telecoms in Federation Operations; Annual Appeal 05AA095**

- provides internal telephone facilities (which could potentially be used for international calls as well, which could significantly reduce the use of (expensive) satellite phones);
- can be deployed with a minimum of technical knowledge;
- is standard across ERUs, FACTs and RDRTs;
- can be deployed as accompanied luggage, readily available in disaster-prone countries.

### **Background**

Basic communication tools and IT systems are essential to well-functioning national societies and delegations. This is currently a challenge because:

- it can take long time to establish communications in disaster response situations, particularly if no FACT or ERU is deployed;
- a varying skill level of staff, equipment and standards.

In this context this program has to date looked at:

- cost savings :
  - leveraging economies of scale through global partner frameworks (Cisco, Ericsson, NGO consortia).
- tools: the “Network in a Box” project has been started. This project will deliver a(n):
  - standard portable tool providing instant wireless access to internal telephone and IT systems.
  - organisational infrastructure to deploy, maintain and support such a tool.
- organization and staffing: deployment of IT/Telecom solutions through ERU, FACT or RDRTs.
- partnerships: strategic partnership with Cisco is operational. An example of how these partnerships can be leveraged: Cisco have 10,000 partner sites worldwide, and a sophisticated e-learning program (NetAcadamy) through which a variety of training can be supplied.

The program is therefore in direct support of or has mutual dependency on:

- ongoing efforts to improve usefulness and efficiency of ERUs, FACTs and RDRTs.
- less developed national societies looking for IT/Telecom solutions for disaster management.
- developing the network of national society staff.

**Programme Goal: national societies improve their responsiveness to disasters and their ability to resource their programs through successful use of standard IT and telecom solutions and partnerships.**

**Objective: capacity in IT and telecom is improved, and strategic partnerships with private sector are leveraged.**

### **Expected programme results:**

- Disaster Management: improving the quality and speed of deployment of IT/ Telecom systems in emergencies: aim is to deploy “Network in a Box” to 3 emergencies during 2005.
- partnerships : developing long-term partnerships with the private sector to fund, deliver, support and maintain a standard set of solutions: aim is that Cisco plays an important role in the ongoing support of the “Network in a Box”.
- staff development and training in support of the “Network in a Box” solution.
- set up e-learning and in-class training facilities for IT/ Telecom staff.. These can be leveraged to deliver training in other (non-IT) areas.
- packaged and adaptable solutions that can evolve as requirements change, and are easy to understand by all parties involved, as well as easy to adopt by national societies.
- cost savings: aim is to save 80% on building and deploying the “Network in a Box” (through resource and equipment donations from Cisco).

### **Planning approach**

- a particular focus will be on the most disaster prone countries.
- quality indicators will include cost-effectiveness and connectivity improvements which are key to managing a successful disaster operation.

**Related programs**

- Capacity building in IT & Telecommunications delivering the “National Society Technical Network (NSTN)” program.
- Disaster Management and Coordination (including FACT, ERU and RDRTs).

***Please find detailed budget below; click here to return to the title page and contact details***

# BUDGET 2005

## PROGRAMME BUDGETS SUMMARY

Appeal no.: 05AA095

Name: IT&TELECOM EFFECTIVENESS IN IFRC

PROGRAMME:

	Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation	Emergency	Total
	CHF	CHF	CHF	CHF	CHF	CHF	CHF
Shelter & construction	0	0	0	0	0	0	0
Clothing & textiles	0	0	0	0	0	0	0
Food	0	0	0	0	0	0	0
Seeds & plants	0	0	0	0	0	0	0
Water & Sanitation	0	0	0	0	0	0	0
Medical & first aid	0	0	0	0	0	0	0
Teaching materials	0	0	0	0	0	0	0
Utensils & tools	0	0	0	0	0	0	0
Other relief supplies	0	0	0	0	0	0	0
<b>SUPPLIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Land & Buildings	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Computers & telecom	0	0	0	0	65,450	0	65,450
Medical equipment	0	0	0	0	0	0	0
Other capital exp.	0	0	0	0	0	0	0
<b>CAPITAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,450</b>	<b>0</b>	<b>65,450</b>
Warehouse & Distribution	0	0	0	0	0	0	0
Transport & Vehicules	0	0	0	0	0	0	0
<b>TRANSPORT &amp; STORAGE</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Programme Support	0	0	0	0	17,792	0	17,792
<b>PROGRAMME SUPPORT</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>17,792</b>	<b>0</b>	<b>17,792</b>
Personnel-delegates	0	0	0	0	155,000	0	155,000
Personnel-national staff	0	0	0	0	0	0	0
Consultants	0	0	0	0	0	0	0
<b>PERSONNEL</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>155,000</b>	<b>0</b>	<b>155,000</b>
W/shops & Training	0	0	0	0	0	0	0
<b>WORKSHOPS &amp; TRAINING</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Travel & related expenses	0	0	0	0	28,050	0	28,050
Information	0	0	0	0	0	0	0
Other General costs	0	0	0	0	7,440	0	7,440
<b>GENERAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>35,490</b>	<b>0</b>	<b>35,490</b>
<b>TOTAL BUDGET:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>273,732</b>	<b>0</b>	<b>273,732</b>