Project proposal Summary sheet

Project title: Course on Telehealth in the Americas

Source of the proposal: CITEL/PCC.I/Working Group on Development

Contact: Guillermo Bill – Faculty of Medical Sciences, Rosario National University (UNR) – Argentina – gbill@unr.edu.ar

Brief description

The aim of the project is to develop and implement a telehealth training programme for students and health workers in the member countries of OAS. The initiative seeks to improve connectivity, the exchange of knowledge and relations between professionals and institutions in the region, as a fundamental contribution towards raising health standards. The proposal comes at a time of globalization and a boom in telecommunications, and focuses on a region made up of developing countries with numerous deficiencies in the field of health and major social inequalities. Improved connectivity and broader access to networks will provide an inestimable opportunity to improve health standards and reduce the inequalities.

Accordingly, the Pan American Health and Education Foundation (PAHEF), through its work to improve health conditions in the region, its connections in public and private spheres and its extensive experience in training and the exchange of curricular content between Latin American and North American universities, represents a benchmark institution for carrying the project forward. In addition, the Faculty of Medical Sciences of Rosario National University, which is one of the most prestigious study centres within Argentina's university system, has professionals who were trained and have undertaken projects within CITEL, which embodies both experience and expertise in the field of telecommunications for health. Netlogon IS, for its part, is an Argentine company specializing in providing networking solutions and Internet services based on open source software. Its professionals are highly trained in ICT and have developed FONSOFT (Fondo Fiduciario de la Industria del Software de la República Argentina) projects aimed at providing connectivity and computer security solutions; e-learning projects, providing its infrastructure and experience in distance-learning methodologies to Favaloro University and Tucumán National University in Argentina for the development of remote and partially On-site postgraduate courses; as well as developing and implementing network, communication and Internet access projects in complex environments in the private sector.

Beneficiary countries

Antigua and Barbuda, Netherlands Antilles, Argentina, Barbados, Bahamas, Bolivia, Brazil, Belize, Canada, Chile, Colombia, Costa Rica, Cuba, Dominica, Ecuador, El Salvador, United States of America, Grenada, Guatemala, Guyana, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Dominican Republic, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay, Venezuela.

Partners – Interested parties

- Faculty of Medical Sciences of Rosario National University (Argentina) (<u>www.fcm.unr.edu.ar</u>).
 Contact: Guillermo Bill Coordinator, "Prof. Marcelo Petrich" Americas Telehealth Network <u>gbill@fmedic.unr.edu.ar</u>
- **Netlogon IS Networking and Internet Services** (<u>www.netlogon.com.ar</u>). Contact: Marcos Salvatierra CEO Co-Founder <u>marcos@netlogon.com.ar</u>
- Pan American Health and Education Foundation (www.pahef.org). Contact: Enrique Gallego –
 Officer/Representative egallego77@gmail.com.

Project objectives

- Develop a high-level telehealth and telemedicine course, for remote or semi-presential implementation.
- Implement the above course in the member countries of OAS.
- Promote training for the development of telehealth and telemedicine projects for health and technology professionals in the region.

Expected results

- Prepare professionals trained in the promotion of telehealth and telemedicine in the region.
- Prepare professionals trained in the development and implementation of telehealth and telemedicine projects in the region.
- Promote the exchange of knowledge between professionals, between institutions and between professionals and institutions within each country and beyond national borders.
- Contribute to improving the quality of health systems in the region and to reducing poverty and social inequalities.
- Promote the construction of collaborative networks in the region to facilitate the expansion and implementation of telehealth and telemedicine projects.

Expected start date

July 2012

Expected duration

7 months

Estimated budget

USD 237 000

Main activities

- Meetings of different players involved (organizers, teachers, technical teams) to develop the course, coordinate joint activities, travel, teleconferences.
- Selection of specific content for the course and development of programme.
- Definition of learning methodologies and course assessment. Selection and implementation of technology tools to be used.
- Selection of lecturers.

- Development of material for promotion and publicity.
- Informatization and digitization of content to be imparted.
- Adaptation and dimensioning of technology infrastructure to be used for the course.
- Activities to train the teachers in use of the technology tools.
- Promotion of the course at international level by means of different media and activities and marketing of the course.

Risks

Short time-frame for developing the proposal.

Sustainability

The course is introductory. By constantly updating and further developing the content, it will be possible to generate new derivatives enabling the development of a range of training offers, so that participants can specialize by re-attending the same course or by attending new, more specific courses.

Project managers

- Prof. Dr. Carlos Crisci Faculty of Medical Sciences, Rosario National University Academic Director of Course
- Guillermo Bill, Lecturer Faculty of Medical Sciences, Rosario National University Content Coordinator
- Marcos Salvatierra, Engineer Netlogon IS Technical Coordinator
- (further team to be designated, PAHO/ITU)

Project monitoring and assessment

Of the project: through reports checking that the activities described in the work plan have been realized.

Of the course: using tools to assess and assist the students in order to check their progress.

Detailed budget

- Staff
 - ° Organizing staff:
 - One Director: USD 35 000 total for tasks carried out from 1 June to 15 December 2012.
 - Coordinators: USD 24 500 total for tasks carried out from 1 June to 15 December 2012 by each of two coordinators. Total = USD 49 000.
 - ° Lecturers: USD 10 000 for ten lecturers (USD 1 000 per lecturer)
 - ° Netlogon IS technical staff: USD 77 000 total in professional fees for Netlogon staff from 1 June to 15 December 2012.

Missions

- ° Organizing staff: organize, coordinate, supervise and assess all phases and activities of the development and implementation of the project.
- ° Lecturers: develop content, deliver lectures, and assess the students' progress on the topics addressed.
- ° Technicians: provide advice, develop, implement and monitor the infrastructure used and computerize the content to be used.

Equipment

- ° Use of Netlogon IS Internet infrastructure to develop the course (USD 12 000)
- ° Use of Netlogon IS content production equipment (USD 3 000)
- ° Computer equipment of staff coordinating the course (USD 6 000)

Subcontracts

- Advertising and promotional agency for promotion of the course (USD 10 000)
- Accounting and legal aspects: consultations to resolve accounting, legal and intellectual property issues (USD 5 000)

Monitoring and assessment

°Travel and subsistence expenses of organizing staff to coordinate activities and monitor and assess the project's development (five three-day trips by three people for an estimated total of USD 30 000 – includes travel, accommodation and subsistence).



ORGANIZACION DE LOS ESTADOS AMERICANOS ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones Inter-American Telecommunication Commission

XX MEETING OF PERMANENT CONSULTATIVE COMMITTEE: TELECOMMUNICATIONS/INFORMATION AND COMMUNICATION TECHNOLOGIES
May 16 to 19, 2012
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DRAFT RESOLUTION
PCC.I RES. XX (XX-12)
COORDINATION OF THE WORK FOR AND FOLLOW-UP TO THE RESULTS
OF THE CONNECT THE AMERICAS SUMMIT
(Item on the Agenda: 3.2)
(Document presented by the Chair of the Working Group)

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DRAFT RESOLUTION PCC.I RES. XX (XX-12) COORDINATION OF THE WORK AND FOLLOW-UP TO THE RESULTS OF THE CONNECT THE AMERICAS SUMMIT

The XX Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (ICT) (PCC.I),

CONSIDERING:

- a) That from July 17 to 19, 2012, in Panama, City, Panama, will be held the Connect the Americas Summit, one of five Regional Summits organized by the International Telecommunication Union (ITU) as part of the Connect The World Summit initiative, whose objective is to mobilize human, financial, and technical resources to implement the connectivity goals established at the World Summit on the Information Society (WSIS) and the regional initiatives adopted by the member states at the World Telecommunication Development Conference (WTDC);
- b) That at its XXV Meeting, the Permanent Executive Committee of CITEL adopted decision COM/CITEL DEC.79 (XXV-11), "Connect Americas Summit," in which it instructed the Secretariat of CITEL to collaborate closely with the ITU Regional Office in organizing the Connect Americas Summit, and requested the Chair of the Working Group on Development of PCC.I to work closely with the Secretariat of CITEL in the preparations for the Connect Americas Summit;
- c) That the Permanent Consultative Committee I: Telecommunications/ITC, through the Working Group on Development, has made substantial headway in the preparations for the Connect the Americas Summit by identifying possible strategic partners to address regional priorities,

BEARING IN MIND:

The need for a coordination mechanism to enable the region to present, at the upcoming Connect the Americas Summit, draft strategies capable of receiving international financing and for follow up of the agreements reached there,

RESOLVES:

- 1. To task the Working Group on Development, in coordination with the Chair of PCC.I and the Secretariat of CITEL, with responsibility for coordinating the preparations by the Americas Region for the Connect the Americas Summit of the ITU, and for following up on the agreements and actions arising from it.
- 2. To invite the Associate Members to collaborate actively in the preparations for, and during, the Connect the Americas Summit of the ITU.

INSTRUCTS:

The Chair of the Working Group on Development, in coordination with the Chairman of PCC.I and the Secretariat of CITEL, to submit to the International Telecommunication Union (ITU) the projects that are described in Annex I as CITEL contributions to the next Connect the Americas Summit.

The Secretariat of CITEL:

- a) To formally inform the ITU about the intention of CITEL to participate as a strategic partner in the projects presented by such organization in relation to:
 - Non-Ionizing Radiations
 - Telemedicine
- b) To provide the support needed to implement *Resolves*.

ANNEX I

LIST OF PROJECTS

- Project for the implementation of the Program for inclusion of women and girls in ICTs, for the Americas Region.
- Permanent program for education of indigenous staff, to allow for: sustained and continuous development of their communication media (radio, TV, ICTs), constant training of new staff and their competitiveness in the sector.
- Project for the implementation of a technical assistance program for non profit Cooperative Entities in the field of telecommunications/Information and Communication Technologies (ITCs) for the Americas Region.
- Course on Telehealth, in cooperation with PAHEF
- E-Government for Brazil, Guyana and Suriname
- Development of IPv6 in Latin America and the Caribbean.
- AMPARO Project: Strengthening regional capability for security incident response in Latin America and the Caribbean.
- Fiber to the Node.
- Access to rights-of-way for the deployment of fiber optic networks.
- Actions for the strengthening of broadband and information and communication technologies: Fiber to the Node, Urban and Suburban Networks of Optical Fiber.
- Mapping the roaming in the Americas: Bringing transparency to rates of international roaming, voice, data and sms, to empower consumers.
- Accessibility to telecommunication services and ICTs by people with disabilities and age related disabilities: Demand Based Approach.
- Mobile devices for health services in Mexico.
- Broadband access and its application in urban and rural areas.