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ASSEMBLIES OF THE MEMBER STATES OF WIPO

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INFORMATION TECHNOLOGY PROJECTS

Memorandum by the Director General

1. Annex I of the present document contains a project under Main Program 12 (Global Information Network and Intellectual Property Information Services) of the draft program and budget for the 1998-99 biennium, and Annex II of the present document contains a project under Sub-Program 14.2 (Automation of the Madrid System) of Main Program 14 (Madrid System for the International Registration of Marks) of the said draft program and budget (see document A/32/2).

2. *The Assemblies of the Member States are invited to approve the projects presented in the Annexes to the present document and to authorize the financing of those projects by the Special Reserve Fund for Additional Premises and Computerization.*

[Annex I follows]

ANNEX I

Main Program 12

GLOBAL INFORMATION NETWORK AND INTELLECTUAL PROPERTY INFORMATION SERVICES

Sub-Program 12.1

Establishment and Operation of a Global Information Network

Background

The establishment and operation of a WIPO global information network is a new activity for WIPO. To undertake this activity, the Secretariat will out-source to the maximum possible extent the provision of the following services: data network communications, technical installation, maintenance, training and helpdesk facilities. However, certain minimum staff will be needed to prepare the tender for the contracting of the various services, including identification of national and regional requirements, and to manage such contracts. The staff of the Secretariat will also be responsible for liaison with the contractors and the various intellectual property offices for the coordination of the deployment plan, preparation of multilingual training materials, conducting training, and supervision of network operations.

WIPO will support the deployment of appropriate local infrastructure for the intellectual property offices, with special support to offices in developing countries, providing the necessary hardware and software that will allow these offices to connect to the global information network and to utilize the communications and information services of the network.

The network will be implemented utilizing standard Internet facilities and special communications lines. These communications facilities will be contracted from public telecommunications carriers.

The WIPO global information network will be expanded in tandem with the activation of the various infrastructures in member States. The operations will be on-going and the services available on a 24-hour basis in view of the network's global nature.

Main Activities

The Secretariat will out-source, based on international tender, the development and the support of the network as far as possible.

- Each participating intellectual property office will be provided basic assistance, materials and equipment (PCs, modems, basic softwares for the Internet and printers) necessary to allow the deployment and use of the network. The Secretariat will be equipped with hardware necessary to support the network. [6,060,000 SFr for Furniture & Equipment].
- All intellectual property offices in member States (approximately 300 sites) are eligible for connection to the network. In addition to support provided by project consultants, contingency has been provided for the direct involvement of specialists from the Secretariat to assist where necessary. [280,000 SFr for Staff Missions].
- In order to gain the maximum advantage from the network, over 300 training courses for the use of basic software applications and data on the network will be undertaken in various countries to cater for the training of the staff of intellectual property offices. In addition, the costs for on-going connectivity to the network may, where appropriate, need to be funded for intellectual property offices in developing countries. [4,380,000 SFr for Other Contractual Services].
- In the light of the limited number of posts allowed to the Secretariat, see below “Staff Needs and Costs”, many project management functions and support activities such as Helpdesk will be carried out by consultants. [883,000 SFr for Consultants].

<i>Establishment and Operation of a Global Information Network</i> (in thousands of Swiss francs)											
Sub-program 12.1	<u>Official Travel and Fellowships</u>			<u>Contractual Services</u>				<u>Operating Exp.</u>		<u>Equipment and Supplies</u>	
	Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment
Total	11,603	280	-	-	883	-	4,380	-	-	-	6,060

Sub-Program 12.2

Provision of Intellectual Property Information Services

Background

It is noted that certain program activities described in this Sub-Program are continuing activities in the area of the International Classifications and the Permanent Committee on Industrial Property Information (PCIPI). The new activities are outlined to indicate the scale of the required financial and human resources for this sub-program, without prejudice to the subsequent discussions and approval by the proposed Standing Committee on Information Technologies (SCIT).

Main Activities

- Progressively creating a comprehensive electronic set of intellectual property information for the Intellectual Property Digital Libraries (IPDLs), for example making PCT data, and data concerning the international registrations of trademarks under the Madrid system, available in an on-line searchable format. [4,000,000 SFr for Other Contractual Services].
- Continuing to adopt WIPO standards for the data format of intellectual property information to be provided on the global information network, and promoting such standards in publications such as the *WIPO Handbook on Industrial Property Information and Documentation*. [165,000 SFr for Other Contractual Services and 80,000 SFr for Publishing].
- Convening and servicing some ten sessions of the Committee of Experts and Working Groups to continue the revision of international classifications, and to develop further, with the aid of outside consultants, the IPC database management system (IPCIS) and the NIVLIS database management system for the Nice, Vienna and Locarno Classifications. [300,000 SFr for Conferences and 120,000 SFr for Other Contractual Services].
- Preparing the seventh editions of the IPC and Locarno Classifications and publishing updated versions in several languages of the IPC, Nice, Vienna and Locarno Classifications. [230,000 SFr for Publishing].
- Providing applications, such as information publishing tools for individual offices, and addressing any security aspects that will need to be implemented on the network at its various levels, to support the delivery of the information services. [1,800,000 SFr for Other Contractual Services and 190,000 for Consultants].
- Commissioning pilot projects and related activities for evaluating and validating potential standards and solutions regarding the IPDLs, as well as for assessing the feasibility to scale up such solutions. [200,000 SFr for Other Contractual Services and 200,000 SFr for Furniture & Equipment].
- Conducting two workshops focusing on promoting use of IPDLs on the global information network, financing the participation of some 10 participants from developing countries. [100,000 SFr for Conferences and 50,000 SFr for Participation of Government Officials].
- Participation by the staff of the Secretariat in various meetings relating to information technologies to keep abreast of new developments in order to ensure the successful implementation of the WIPO projects. [180,000 SFr for Staff Missions].

<i>Provision of Intellectual Property Information Services</i> (in thousands of Swiss francs)											
Sub-program 12.2	Official Travel and Fellowships			Contractual Services				Operating Exp.		Equipment and Supplies	
	Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment
Total	7,615	180	50	-	400	190	310	6,285	-	-	200

Sub-Program 12.3 ***Establishment of the Standing Committee on Information Technologies (SCIT)***

The Secretariat will convene and service four sessions of the SCIT plenary and four sessions of each of the three proposed Working Groups (i.e., the Information Infrastructure Working Group, the Standards and Documentation Working Group, and the Security Working Group). Two consultants will attend each Working Group to provide participants with expert advice. Member States and the public will be kept informed of the progress of activities through various media. [330,000 SFr for Conferences, 500,000 SFr for Consultants and 100,000 SFr for Publishing].

A new organizational unit will be established within the Secretariat, consisting of expert staff and consultants. This will assist the SCIT and its working groups, providing support for the technological, security and management aspects for establishing the global information network and providing intellectual property information services on the network. [See below, "Staff Needs and Costs"].

WIPO will provide support for some 50 participants from developing countries and certain countries in Europe and Asia to participate in the SCIT meetings. [304,000 SFr for Participation of Government Officials].

<i>Establishment of the Standing Committee on Information Technologies</i> (in thousands of Swiss francs)											
Sub-program 12.3	Official Travel and Fellowships			Contractual Services				Operating Exp.		Equipment and Supplies	
	Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment
Total	1,237	-	304	-	333	500	100	-	-	-	-

Sub-Program 12.4 ***Internal Network Services***

As concerns the projects in Sub-Program 12.4, it is proposed to use extrabudgetary resources to be financed from the Special Reserve for the following.

Background

To enable access to the services and information that will be provided on the WIPO global information network, it will be necessary to upgrade the office computing environment currently used in the Secretariat, including the upgrading of personal computer workstations in the Secretariat to Windows NT.

Main activities

- Develop the skills necessary to implement these new services within the Secretariat.
- Develop prototypes for the evaluation of various hardware-software solutions.
- Upgrade, integrate, or replace existing hardware, software, and systems.
- Training of the staff of the Secretariat.
- Expansion of existing help desk services.

Internal Network Services (in thousands of Swiss francs) *												
Sub-program 12.4	<u>Official Travel and Fellowships</u>			<u>Contractual Services</u>				<u>Operating Exp.</u>		<u>Equipment and Supplies</u>		
	Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment	
Total	1,526	25	-	-	25	1,076	-	100	-	150	-	150

* These amounts are in addition to the budgeted resources under sub-program 12.4 of the Regular WIPO Program and Budget.

Program Budget Summary

Global Information Network and Intellectual Property Information Services (in thousands of Swiss francs)												
		Official Travel and Fellowships			Contractual Services				Operating Exp.		Equipment and Supplies	
		Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment
Sub-program 12.1	11,603	280	-	-	-	883	-	4,380	-	-	-	6,060
Sub-program 12.2	7,615	180	50	-	400	190	310	6,285	-	-	-	200
Sub-program 12.3	1,237	-	304	-	333	500	100	-	-	-	-	-
Sub-program 12.4	1,526	25	-	-	25	1,076	-	100	-	150	-	150
Total Costs	21,981	485	354	0	758	2,649	410	10,765	0	150	0	6,410

Staff Needs and Costs for 1998-99

The proposed global information network, as programmed above, will be implemented in the course of the 1998-99 biennium while its operation, upgrading and maintenance will continue in the long-term. In view of the ongoing activities and necessary support of this large-scale project, one Professional and two General Service posts will be required for managing the out-sourced activities concerning the establishment of the global information network, one Professional and one General Service posts to carry out the new activities for the provision of intellectual property information services under sub-program 12.2 and one Professional and one General Service posts to support the proposed activities concerning the Secretariat of the

SCIT under sub-program 12.3. One Professional post to manage the activities for the upgrading of the internal systems under sub-program 12.4. One Director will be necessary to provide oversight and coordination of these program activities. The post and staff requirements for the implementation of the above project are as follows:

<u>POSTS</u>	<i>1998-99</i>
Directors	1
Professionals	4
General Service	4
<i>Total</i>	<i>9</i>

(In thousands of Swiss francs)	
<u>MAIN PROGRAM 12:</u> <i>Global Information Network and Intellectual Property Information Services</i>	<i>Budget 1998-99</i>
Program Activities	21,981
Staff Costs	2,967
<i>TOTAL EXTRABUDGETARY RESOURCES</i>	<i>24,948</i>

[Annex II follows]

ANNEX II

Main Program 14

MADRID SYSTEM FOR THE INTERNATIONAL REGISTRATION OF MARKS

Sub-Program 14.2 ***Automation of the Madrid System***

MINOS SYSTEM

Background

At present, all documents relating to international registrations are stored on two jukeboxes of optical disks. The system, called MINOS (Mark Information Optically Stored) Archive, was designed in 1988 and has been in production since June 1991 (the hardware was upgraded in April 1993). In 1996, a new system, called MINOS Active, was put in place in order to temporarily store and make available to the staff of the International Trademark Registry, in facsimile form, through a local area network, all new documents received by the Registry, up to completion of the processing of such documents for recordal in the Register. The two systems are linked together, but are not fully integrated due to the older technology of the MINOS Archive system. Moreover, the operating systems used by MINOS Archive are no longer supported. MINOS, therefore, requires redevelopment or replacement.

Main activities

- Identify the best alternative for the upgrading or replacement of MINOS. [50,000 SFr for Other Contractual Services].
- Upgrade or replace the existing optical storage media by state-of-the-art, proven, technology with a lower maintenance cost. [500,000 SFr for Equipment].
- Develop, test and implement the related software. [350,000 SFr for Other Contractual Services].

Expected results

The International Trademark Registry will be equipped with a fully integrated system for the scanning, visualization, management and storage of documents. The new system will provide a higher level of performance than the current MINOS system. Maintenance costs will be reduced.

<i>Madrid System for the International Registration of Marks</i> (in thousands of Swiss francs)											
	<u>Official Travel and Fellowships</u>			<u>Contractual Services</u>				<u>Operating Exp.</u>		<u>Equipment and Supplies</u>	
	Staff Missions	Part. Govt Officials	Fellowships	Conferences	Consultants	Publishing	Other	Premises & Maint.	Comm. & Other	Supplies & Materials	Furniture & Equipment
<i>Total</i>	<i>900</i>	-	-	-	-	-	400	-	-	-	500

(In thousands of Swiss francs)	
<i><u>MAIN PROGRAM 14:</u></i> <i>Madrid System for the International Registration of Marks</i>	<i>Budget 1998-99</i>
Program Activities	900
Staff Costs	-
<i>TOTAL EXTRABUDGETARY RESOURCES</i>	<i>900</i>

[End of Annex II and of document]