1. Basic Information

1.1 Désirée Number: 1

1.2 Title: JUSTICIA.NET - Court Information System and Network Development

1.3 Sector:  

1.4 Location: Hungary - Budapest and locations of courts or law throughout the country

2. Objectives

2.1 Wider Objective(s):

The wider objective of the project is timely and competent application of the Acquis by the Hungarian courts of law.

2.2 Immediate Objectives:

The project has four immediate objectives as follows:

- Fast and reliable data flow and communication between the Supreme Court, County Courts and local Courts as well as the Office of the National Council of Justice (ONCJ) in vertical and horizontal directions
- improved communication/data exchange between partner institutions
- improved communication/data exchange between the Courts and established European Judicial information systems; and
- improved distance learning and self-training facilities for judges in the interpretation of EU legislation.

2.3 Accession Partnership and NPAA priority

The Accession Partnership refers to the need to ensure that the Acquis is actually applied both in its Annex sections 2 on Principles and section 3 on Priorities and Intermediate Objectives. In addition, improving the functioning of the judicial system by training of judges in Community law is defined as a medium-term priority concerning the reinforcement of administrative and judicial capacity.

The NPAA defines in its chapter B3 the priority of a further capacity development of the justice system and the training for judges.

2.4 Contribution to National Development Plan - Not applicable.

2.5 Cross Border Impact - Not applicable.

3. Description

3.1 Background and justification:

The Constitution and Act LXVI of 1997 on the Organisation and Administration of Courts provide the basis for the judicial modernisation programme. They specify for the courts a four-level hierarchical structure including:

i.) the Supreme Court,
   ii.) the National Court of Appeal,
iii.) 19 county courts and the Metropolitan Court of Budapest, and
iv.) 111 local and district courts, and 20 labour courts.

Act No. CX of 1999 establishes the seat and territorial competence of the National Court of Appeal, which will start functioning on 1 January 2003. The present project therefore, excludes this court for the time being.

The National Council of Justice is the highest organ of the court administration. Its decisions are prepared by the Office of the National Council of Justice (ONCJ). ONCJ is in charge of the regular follow-up and monitoring of the Council’s decisions. It is charged with providing information services for all relevant parties of the judicial system.

For these tasks, ONCJ is implementing the Court Information System and Network (JUSTICIA.NET) information system.

3.2 Linked activities:

In 1998, the first phase of JUSTICIA.NET was launched with the aim of providing improved data processing facilities to the Supreme Court, the 19 county courts, the Metropolitan Court of Budapest and to ONCJ. Local area networks (LAN) were established at each institution with on average 14 workstations each, and the 22 LANs were integrated into a wide area network (WAN). All equipment has been supplied and installed, and provisional acceptance is in progress.

The total cost of the first phase development were about 1.5 MEUR including a Phare contribution of 1.06 MEUR (HU9602-01-05 Court Information system). Local funds covered the cost of components excluded from the Phare contract due to budgetary constrains, some additional installations for future (2nd Phase) utilisation, Oracle data base licence upgrade from application specific run-time to full use licence, smitty server management application, etc.

Another 1996 Phare contribution concerned the training of judges. (HU9602-03-03 Training of Judges, Phare contribution 0.67 MEUR) It provides high level training of about 700 judges from various levels of courts. The project includes distance learning and self-training elements. The present project will facilitate the effective use of the elements developed in the framework of the training project.

In parallel to the JUSTITIA.NET project, the Organisation of Public Prosecutions (OPP) initiated a Phare project for the development of its own data processing system. The project is included in the Phare 2000 Programme. OPP is a centralised judicial organ and subordinated only to the Parliament through the person of the Prosecutor General. This legal position requires the independent development of the two IT systems, however, co-ordination between their developments are maintained. In the course of developing JUSTITIA.NET, special emphasis shall be put on co-ordination with the database development of OPP.

3.3 Results:

The second phase of JUSTICIA.NET will set-up the information system at all 131 local and districts courts. Development will include the establishment of local area networks with workstations, and their integration into the wide area network. The end of the project shall integrate all 152 courts of various levels and the ONCJ into the then fully operational JUSTICIA.NET.
3.4 Activities:

JUSTICIA.NET is based on a detailed feasibility study whose main features are presented in Annex 4. In general, the technical specifications for the second phase shall follow those of the first phase. Lessons learnt during the first phase shall be integrated into the tendering and contract documents of the second phase, and where appropriate and justified, technical adjustments and/or modifications shall be done.

The hardware component of the second phase will equip the local area networks at 131 individual courts with an appropriate number of workstations. It is furthermore planned to increase the number of workstations of LANs established in the first phase to connect all judges into the network. With local funding, these LANs have already been prepared to accommodate additional workstations.

The second phase will also cover the extension of the already existing wide area network to include all 131 LANs of local, district and labour courts. In terms of hardware, active and passive element to be located at the new sites and additional licences for the already available WAN management system will be purchased. Hardware components to manage security measures both internally and externally will be installed.

System integration with other databases will be an important part of the project. It will remove some major remaining weaknesses of the operations of the courts by providing appropriate means to exchange data and communicate:

i.) within the Hungarian judicial system;
ii.) with the main institutions carrying out tasks in the field of justice and home affairs, including the Ministries of Justice and the Interior, the offices of Organisation of Public Prosecutors, the police, register of addresses, penal institutes (e.g. databases on company-, land- and population-registers, criminal records, customs and migration data, etc);
iii.) with the Central Statistical Office; and
iv.) with EU and Hungarian legal databases.

Data exchange with external institutions will be governed by the laws and regulations on the protection of data of natural persons and legal entities. The mentioned databases are open systems based on international standards. Both data exchange and communication are done by standardised interfaces and protocols.

Purchase of hardware shall be done in the framework of one open international tender procedure in lines with the rules laid-down in the DIS.

Software will be acquired from national Hungarian funds. Purchases shall follow the regulations of Act XL of 1995 on Public Procurement as follows:

- End-user software (office applications e.g. word processing, spread-sheet, data management, electronic mail and web functions, etc) and additional licences for network management shall be purchased under the contracts concluded by Directorate for Public Procurement and Economic Management at the Prime Minister’s Office.
- Certain pieces of software such as document management software, work-flow management software and data exchange with partner institutions including appropriate se-
curity measures shall be developed following the implementation of public procurement procedure for services.

Internal system integration and harmony between old and new software components shall also be an essential element of software purchase and/or development. Co-ordination with partner institutions on common requirements, especially with the OPP Phare project shall be exercised whenever practical.

Software suppliers or developers will provide training for end users (e.g. judges) about the various components of application software. Network managers, both on local area and wide area network level will receive training by the suppliers of hardware.

4. Institutional Framework

By law, the ONCJ is in charge of provision of Information Systems services for the judiciary system under the supervision of the National Council of Justice. Accordingly, the ONCJ will be responsible for the implementation and co-ordination of the project. Systems development at local courts will involve the experts of the courts concerned.

5. Detailed Budget (MEURO)

Calculations summarised in the following table are based on the actual data of contracts concluded in the framework of Phare project HU9602-01-05. The national co-financing is already planned in the NPAA.

<table>
<thead>
<tr>
<th>Component</th>
<th>Phare Support</th>
<th>National Co-financing</th>
<th>IFI</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Investment</td>
<td>Institution</td>
<td>Total Phare</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Support</td>
<td>Building</td>
<td>(=I+IB)</td>
<td></td>
</tr>
<tr>
<td>Hardware supply</td>
<td>1.82</td>
<td>1.82</td>
<td>2.09</td>
<td></td>
</tr>
<tr>
<td>Software service</td>
<td>1.68</td>
<td>1.68</td>
<td>2.66</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>3.5</td>
<td>3.5</td>
<td>4.75</td>
<td></td>
</tr>
</tbody>
</table>

6. Implementation Arrangements

6.1 Implementing Agency

PAO: Judit RÓZSA, Head of the CFCU, Ministry of Finance

Address: József nádor tér 2-4. 1051 Budapest

Telephone: (36-1) 327-2520
Fax: (36-1) 327-5972
e-mail: jrozsa.cfcu@sdi.hu

SPO: Mr. György Kiss, Head of IT Department Office of the National Council of Justice (provisional SPO)

Address: Szalay u. 16. H-1055 Budapest

Telephone: (+361) 311-5013
Fax: (+361) 332-8325

6.2 Twinning - Not applicable
6.3 Non-standard Aspects
The DIS Manual will be strictly followed for the hardware purchases. The local contribution shall be utilised in line with the rules of national public procurement law.

6.4 Contracts
Two contracts are envisaged: one for the purchase of hardware elements with the value of 3.5 M€, and one for the purchase of software components with the value of 4.75 M€.

7. Implementation Schedule

<table>
<thead>
<tr>
<th>Component</th>
<th>Start of Tendering</th>
<th>Start of Project Activity</th>
<th>Project Completion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware</td>
<td>September 2000</td>
<td>January 2001</td>
<td>December 2002</td>
</tr>
<tr>
<td>Software</td>
<td>September 2000</td>
<td>January 2001</td>
<td>December 2002</td>
</tr>
</tbody>
</table>

8. Equal Opportunity
Provision of IT facilities and the related training shall be done to all judges regardless of gender or other characteristics.

9. Environment
The project does not justify an environmental impact assessment. Environmental aspects, however, shall be considered in the course of drafting technical specification (e.g. low radiation video screens, etc.).

10. Rates of return
Not applicable.

11. Investment criteria
11.1 Catalytic effect:
The Phare contribution will act as a catalyst to bring the institutional and administrative capacity of the Hungarian court system to the level of judicial services of EU Member States. Without Phare support, the modernisation would take place much later.

11.2 Co-financing:
The ONCJ will contribute about 60 percent of the project’s cost.

11.3 Additionality:
The Phare intervention will displace no other financiers.

11.4 Project readiness and Size:
All technical studies have been completed. Technical specifications for the supplies tender will furthermore incorporate lessons learnt from the first project phase that has been co-funded by Phare Project No. HU9602-01-05. The tender documentation will be ready for CFCU approval in August 2000. Phare contracting can commence as planned in January 2001. - The size of the project exceeds the minimum size required by Phare.
11.5 Sustainability:

All equipment purchased will be in accordance with European Union norms and standards. They will respect the principles of sustainable and environmentally sound development enshrined in Article 2 of the Amsterdam Treaty.

The Hungarian courts are in a position to maintain and operate the equipment effectively in the long run. Funds for the operation and maintenance will be provided by the regular budget of the courts.

11.6 Compliance with state aids provisions:

There is no conflict with the state aids provisions laid-down in the Europe Agreement.

11.7 Contribution to National Development Plan:

Not applicable.

Conditionality and sequencing

Phare support will be conditional upon the implementation of project HU 97 JH 02 and upon the provision of co-financing from Hungarian sources.
ANNEXES TO PROJECT FICHE

1. Logical framework matrix in standard format
2. Detailed implementation chart
3. Contracting and disbursement schedule
4. Reference to feasibility /pre-feasibility studies
5. List of relevant Laws and Regulations
6. Reference to relevant Government Strategic plans and studies
<table>
<thead>
<tr>
<th>Annex 1 to Project Fiche</th>
<th>Programme name: JUSTICIA.NET and number: HU0007-02</th>
<th>Date of drafting: 14/02/2000</th>
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<tr>
<td>Project Number</td>
<td>HU0007-02</td>
<td>Project Name: Court Information System Development (JUSTICIA.NET)</td>
</tr>
<tr>
<td>Total Budget</td>
<td>8.25 MEUR</td>
<td>Phare contribution: 3.5 MEUR</td>
</tr>
</tbody>
</table>

### Wider Objective

**Administrative and judicial capacity to implement the Acquis**

- Commission agreement that the **Acquis** is effectively applied by 31 December 2002

### Immediate Objectives

**Indicators of Achievement**

<table>
<thead>
<tr>
<th>How, When and By Whom Indicators Will Be Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Commission Regular Reports</td>
</tr>
</tbody>
</table>

**Assumptions and Risks**

- Continuous commitment by the Government to achieving the **Acquis**
- Financing the operation of the upgraded court system ensured

### Outputs

**Indicators of Achievement**

<table>
<thead>
<tr>
<th>How, When and By Whom Indicators Will Be Measured</th>
</tr>
</thead>
<tbody>
<tr>
<td>Handing-over notes Progress reports</td>
</tr>
</tbody>
</table>

**Assumptions and Risks**

- First phase of JUSTICIA.NET completed on time in early 2000
- Local co-finance contributions available when required
- Continued high interest in skill upgrading on the part of the Hungarian judges and other systems’ users

### Inputs:

- 3.5 MEUR Phare funds and a national co-financing allocation of 4.75 MEUR
# Court Information System and Network Development

## Implementation Chart

<table>
<thead>
<tr>
<th>Year</th>
<th>2000</th>
<th>2001</th>
<th>2002</th>
</tr>
</thead>
<tbody>
<tr>
<td>Month</td>
<td>J</td>
<td>A</td>
<td>S</td>
</tr>
<tr>
<td>2nd phase</td>
<td>JUSTICIA.NET</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* End of guarantee period

<table>
<thead>
<tr>
<th>Task</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design (20% shadowing)</td>
<td>20%</td>
</tr>
<tr>
<td>Tendering and contracting (50%)</td>
<td>50%</td>
</tr>
<tr>
<td>Contract Implementation and Payments (75%)</td>
<td>75%</td>
</tr>
</tbody>
</table>
ANNEX 3

Court Information System and Network Development

**CUMULATIVE CONTRACTING AND DISBURSEMENT SCHEDULE (MEUR)**

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Commitment</td>
<td></td>
<td></td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
<td>3.50</td>
</tr>
<tr>
<td>Disbursement</td>
<td></td>
<td></td>
<td>1.00</td>
<td>3.00</td>
<td>3.20</td>
<td>3.20</td>
<td>3.20</td>
<td>3.20</td>
<td>3.20</td>
<td>3.50</td>
</tr>
</tbody>
</table>

* End of guarantee period

Amounts in MEUR.

Only for the hardware component of the project.

**NB:**
1. All contracting must be done by 30.09.2002
2. All disbursements must be done by 30.09.2003
Court Information System and Network Development

REFERENCE TO FEASIBILITY STUDIES

Ernst & Young elaborated a feasibility study titled Secure Private Information Network of the Hungarian Judicial System in 1998 that was commissioned and financed by the Office of the National Council of Justice (ONCJ). The study included the technical specification for the first Phase of establishing JUSTICIA.NET.

Executive summary

The study has been prepared to provide a sound basis for IT development in the Hungarian judicial system. The major goals of development are (i) effective and efficient judicial and court operation system and (ii) implement infrastructure to provide information about EC and Hungarian legislation.

The Hungarian judicial system

In Hungary justice is administered by the (i) the Supreme Court, (ii) the Court of Appeal, (iii) the county courts (20), (iv) Metropolitan Court of Budapest, (v) the local and district courts (111), and (vi) the labour courts (20). Their tasks and operations are regulated by law.

The pressure on judiciary function was gradually increasing within the last few years: jurisdiction of the courts grew wider, as laws have been enacted between 1991 and 1996 due to the social and economic changes, and factual and legal complexity of the cases grew considerably. Statistical data shows that 78% of the cases before local courts are disposed of within 1 year, 39% of the remaining cases are in progress for longer than 2 years.

The study justifies the need for a complex IT development on all levels of courts. The system is named JUSTICIA.NET. The development should be centrally managed by the ONCJ under the supervision of the National Council of Justice.

Past development of information systems at the courts are of great variety: acquisitions and developments took place in an ad hoc way, lacking system wide conceptual planning and control, Scope of development was determined by low level budget of courts.

As an average only 1-2% of the decisions are documented in an electronic format. The process flows are not standardised, the documents are created partly in electronic format, partly using a typewriter. This ratio is even worse in the larger picture including the local courts.

Documents involved in a case are mostly paper based and not available in electronic format (e.g. documents received by the court as evidences or applications) As it has not been surveyed the number of documents created in an electronic format can only be estimated. Assuming 10 documents of 10 pages are created per each case, making the total number of pages reach 150,000,000 pages per year (extrapolated for the complete system with 152 locations).

All these have to be managed by the complete version of JUSTICIA.NET system.

Primary goals of JUSTICIA.NET are:
- Improve efficiency and effectiveness of the delivery of justice,
- Support the related administrative tasks and
- Provide adequate information for the courts.

Major components of the system include:
- Value added network allowing electronic connection between sites.
- Local area networks of the sites
- Servers and workstations including operating systems
- Applications implementing Document Management, Electronic Mail and Web functions extended with general purpose office applications
- Hardware and software components to support secure external connections
- Centralised Network- and System Management applications

Implementation of JUSTICIA.NET is going to take place in series of subsequent phases. The system will gradually come closer to its completion both from a functional point of view and from the aspect of the geographical area served.

The first phase cover the system development at the Supreme Court, at the county courts, and at the ONCJ where the central web server and certain management functions should be based.

The second phase will extend the system to local and labour courts, and will establish links to external institutions which have roles in the judicial system as detailed under Section 3.3 Results.

Modularity and open extendibility therefore are major requirement of components due to the phased approach of the implementation.

All components have to comply with the requirements of international guidelines and national Hungarian standards. Security measures must comply with those strict rules set in various acts and regulations about data protection, both in internal and external communications and user services.

The technical specification attached to the report defines the requirements of the system in details, and was integrated into the tender dossier used in the framework of the first phase implementation.

This technical specification will also be the basis of the implementation of the 2nd phase but with appropriate adjustments.

**Detailed Cost Breakdown**

( Including co-financing contribution)

Calculations are based on the actual figures of the contracts concluded within the framework of Justicia.net, Phase I (HU9602-01-05). Figures in summary table under Chapter 5 are rounded.

Although figures are derived mainly from the ongoing first phase contracts, a simple multiplication of costs of LANs and work stations is misleading. While the number of new LANs shall be six times, the number of new workstations will be eight times higher than that of the first phase.

The basis of WAN has already been established and extension is planned only.

On the other hand, a set of new management application software will be purchased or developed.
System integration into a well functioning network, establishment of harmony with past developments, provision of security measures etc. will all be key elements of the second phase.

<table>
<thead>
<tr>
<th>Qty</th>
<th>Unit price €/unit</th>
<th>Phare €</th>
<th>Recipient €</th>
<th>Total €</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRAND-TOTAL:</td>
<td>3.502.630</td>
<td>4.739.030</td>
<td>8.241.660</td>
<td></td>
</tr>
</tbody>
</table>

1. **External Telecommunication Service Providers**
   - Construction of leased line connections to partner data providers
   - Extension of Internet connection, increase data transmission speed/capacity
   - **Sub-total:** 0 150.000 150.000

2. **Workstations - PCs**
   - Workstations + local printers (HW) 980 980.000 147.000 1.127.000
   - Workstation OS licences 160 184.000 184.000
   - Messaging licences 40 46.000 46.000
   - Application (word-, spreadsheet-, dictionary-, etc.) software licences 300 345.000 345.000
   - Installation 140 140.000 21.000 161.000
   - Spare parts 60 60.000 9.000 69.000
   - **Training** 100 115.000 115.000
   - **Sub-total:** 1.780 1.180.000 867.000 2.047.000

3. **Local Area Networks (LANs)** 131
   - Cabling passive elements and LAN active elements 1.700 222.700 222.700
   - Application server hardware (including operation system software) 7.000 917.000 917.000
   - Central (laser) printer 1.900 248.900 248.900
   - Installation 4.750 622.250 622.250
   - Spares / user support 1.800 235.800 235.800
   - **Training** 190 24.890 24.890
   - **Sub-total:** 17.340 1.624.400 647.140 2.271.540

4. **Wide Area Network -WAN (extension of network from 22 sites to 153 sites)** 131
   - Local routers (incl. router software) 2.600 340.600 340.600
   - Central router - system (incl. security systems, software) 100 13.100 13.100
   - Management systems, upgrade present ones 1.900 248.900 248.900
   - Installation 80 10.480 10.480
   - Spares / user support 650 85.150 85.150
   - **Training** 190 24.890 24.890
   - **Sub-total:** 5.520 698.230 24.890 723.120

5. **System integration, establishment connection to external databases**
   - Design, co-ordination with partners on common requirements
   - Connection hardware and software elements 30.000 30.000
   - Development and implementation of security measures - (hardware and software) 200.000 200.000
<table>
<thead>
<tr>
<th>Description</th>
<th>Qty</th>
<th>Unit price €/unit</th>
<th>Phare €</th>
<th>Recipient €</th>
<th>Total €</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internal system integration: establishment harmony between old and new</td>
<td>1.100.000</td>
<td>1.100.000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>components (hardware and software)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development of document management software, training</td>
<td>600.000</td>
<td>600.000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Development of work-flow management software, security measures including</td>
<td>1.000.000</td>
<td>1.000.000</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>training</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>System introduction, putting into operation including training</td>
<td>100.000</td>
<td>100.000</td>
<td></td>
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<tr>
<td><strong>Sub-total:</strong></td>
<td><strong>0</strong></td>
<td><strong>3.050.000</strong></td>
<td><strong>3.050.000</strong></td>
<td><strong>3.050.000</strong></td>
<td></td>
</tr>
</tbody>
</table>
Court Information System and Network Development

LIST OF RELEVANT LAWS AND REGULATIONS

The Constitution of the Republic of Hungary
Act No. LXVI of 1997 on the Organisation and Administration of Courts (available in English)
Act No. LXVII of 1997 on the Legal Status and Remuneration of Judges
Act No. LXVIII of 1997 on the Service Relations of Public Servants Employed in the Field of Justice
Act No. CX of 1999 on establishing the seat and territorial competence of the National Court of Appeal as well as modifying some of the laws concerning the functioning of the justice system.
Court Information System and Network Development

LIST OF RELEVANT GOVERNMENT STRATEGIC PLANS

Government resolution 1106/95 (XI.9.) on the Government Strategy for Information Technology (IT) development