1. Basic Information
   1.1. CRIS Number: 2002/000-605-04.01
   1.2. Title: National veterinary reference laboratory in Pulawy
   1.3. Sector: Agriculture
   1.4. Location: Poland

2. Objectives
   2.1. Overall Objectives:
   - Meeting EU accession requirements for veterinary and food of animal origin quality controls.

2.2. Immediate Objectives:
   - Meeting the conformity requirements and security levels for veterinary diagnostic laboratories by improvement of facilities of National Veterinary Research Institute in Pulawy according to EU standards.
   - Creation of technical infrastructure for implementation of the EC veterinary legislation by the Polish Veterinary Administration and contribution to the implementation of the national strategy for the veterinary laboratory diagnostic.
   - Establish technical conditions for the process of National Veterinary Research Institute in Pulawy (NVRI) accreditation as a national reference laboratory as well as better and stricter supervision of the veterinary laboratories diagnostic system (network of the regional laboratories).

2.3. Reference to the Accession Partnership and NPAA Priority:
Veterinary Laboratory Diagnostic System is mentioned in all significant documents such as: the White Paper, Agenda 2000, NPAA, Accession Partnership (4. Priorities and Immediate Objectives. Agriculture. “Implement national laboratory plans for testing and diagnostic facilities, in particular the national reference laboratory.”) and the regular Commission Reports on Poland’s Progress Towards Accession.

NPAA 2001, chapter 7.2 : “Effective control of animal infectious diseases is possible due to the System of animal registration and identification and animal movement control. Together with Land and Farm Register it forms the basis for the Integrated Administration and Control System. Without smooth operation of those systems, it is not possible to cover farmers, who breed cattle for milk or meat purposes with the system of direct compensation payments. The above Systems are also used to generate animal pedigrees, to collect and gather information on a herd health status, on animal usability and information on estimated breeding value of animals.

The essential link in the system of detecting animal infectious diseases, epizootic diseases and examining and monitoring of harmful substances in food of animal origin, are the diagnostic laboratories. Results of the laboratory tests are the basis for veterinary services’ actions. After Accession, regional laboratories shall serve the territorially relevant border veterinary control points, where the final clearance of animals and products shall take place, that is allowing those products for marketing throughout the Community.

The State responsibilities include appointment of reference laboratories that have to use accredited diagnostic methods. Laboratories may obtain accreditation through introduction of systems for ensuring the quality of tests, provision of appropriate laboratory equipment, ensuring highly qualified staff, and maintenance the required standard of tests. Accreditation is of crucial importance because of growing requirements for diagnosing, control animal diseases due to development in trade what entails ever-increasing frequency in animal movement. Accreditation is the basis for international recognition of a laboratory, because it ensures reliability of tests and repeated results.

The key element, beside operational laboratories, in the system for controlling and combating infectious diseases is to prepare and implement by the Accession date, the contingency plans, in accordance with the model used by the European Union (Decision 91/42/EEC).

2.4. Contribution to National Development Plan: not applicable
2.5. Cross Border Impact: not applicable
3. Description
3.1. Background and justification
Laboratory diagnosis of transmissible animal diseases and the protection of consumer's health require well-established procedures, proper laboratory equipment and well-trained personnel. The results of laboratory tests are the basis for decisions taken by official veterinarians, in particular with respect to the List A diseases of the Office International des Epizooties (OIE), certain diseases of List B as well as products of animal origin and feeding stuffs. These issues are regulated in the EU legislation. In the event of an outbreak of the epidemic the status of a country or a region will largely depend on the performance of the veterinary service and on the efficiency of its actions. Thus the proper diagnosis is one of the most important issues.
The EU Directives and Decisions indicate that proper control of products of animal origin as well as animal and public health is a key issue in the international trade and consumer's health protection. Thus, one of the most important obligations for the Ministry of Agriculture and Rural Development and the National Veterinary Inspection is to provide up-to-date and reliable laboratory diagnostics.

The Ministry of Agriculture and Rural Development administrates the National Veterinary Research Institute in Pulawy (NVRI) and 16 regional veterinary diagnostic laboratories. The Polish Veterinary Act, art. 48, defines the NVRI as the Official Reference Laboratory for the regional laboratories. It also defines the relationship between the Veterinary Inspection, regional laboratories and the NVRI as well as the financing of the reference activities.

The major activities of the NVRI are as follows:
- Aetiology, diagnosis and prophylaxis of infectious and parasitic diseases,
- Food hygiene of foodstuffs of animals origin,
- Veterinary toxicology and pharmacy,
- Physiopathology of reproduction and suckling,
- Developing and refining analysis techniques,
- Training and technical assistance to the staff of the regional laboratories,
- Setting up inter-laboratory testing,
- Verifying doubtful, atypical or abnormal tests results carried out in the regional laboratories,
- Advising the Ministry of Agriculture and Rural Development and Chief Veterinary Officer as well as other relevant Authorities on the role and specialisation of regional laboratories.

The main premises of NVRI are located in Pulawy, 130 km south-east of Warsaw. There are 17 research departments: microbiology, tuberculosis, virology, parasitology, biochemistry, pharmacology and toxicology, food hygiene, radiobiology, pathology, diagnosis of poultry viral diseases, cell pathology, cattle and sheep diseases, swine diseases, poultry diseases, carnivore and fur animals diseases and fish diseases. Three other departments are located in other cities: honey bee diseases in Swarzedz, horse diseases in Bydgoszcz, and food and mouth diseases in Zdunska Wola. Those three departments shall be moved to Pulawy in the future.
The NVRI property consists of 19 ha of land, building of research departments and laboratories (approx. 9500m²), animal house buildings (approx. 1700m²), building of post-graduate training centre and various service buildings. The total staff of the NVRI is 360 employees including 114 scientists.

In July 2000, an assessment of the situation of the NVRI with regard to the EU standards and meeting accession requirements was prepared. The building for research departments and laboratories as well as buildings for animals do not meet the conformity requirements and security levels essential for future accreditation. The following disadvantages have been identified by TAIEX experts

A. Building for research departments and laboratories:
- Rooms are to small and located in the area which can not be isolated,
- Work stations areas are inadequate,
- No security doors to the handling areas,
- Doors do not close automatically,
- No safety showers nor no-touch hand washing facilities,
• Rest rooms for staff are not personalised,
• Autoclaves for waste decontamination are not separated from autoclaves for sterilisation,
• No air conditioning and no air circulation installations,
• Walls, ceilings, floors do not have impermeable, smooth surface,
• In most of the laboratories the floors are surfaced with rough timber or wood (prohibited),
• No external fixtures protecting against the sun,
• Water and wastewater pipelines are not covered,
• No heating control system,
• No removable laboratory furniture,
• Shortage in laboratory equipment such as water baths, liquid nitrogen containers, micropipettes etc.

B. Animal house:
• Buildings are old and dilapidated,
• Rooms are too small and adjacent,
• No separate access for staff, animals, feeding etc.,
• Floors, walls and ceilings do not enable proper maintenance,
• No possibility of isolation of infectious animals,
• Doors are not airtight,
• No proper ventilation system.

The above list is not exhaustive. Furthermore, there is no proper and safe waste water treatment, waste disposal, and treatment of hazardous waste. There are no proper regulation systems for electricity and heat supply as well as no plant nor distribution system for air treatment, refrigeration and production of compressed air.

NVRI has been acting as the reference laboratory for many years. This regards food control and diagnosis of animal's infectious diseases like foot-and-mouth disease, swine fever, brucellosis, tuberculosis and zoonosis. A detailed list of reference laboratories has already been defined by the order of Minister of Agriculture and Rural Development issued according to Art. 48 of the Act of animal infectious diseases control, examination of slaughter animals and meat and the Veterinary Inspection.

The Beneficiary will ensure that all reference activities will be carried out according to the EU requirements before the new national reference laboratory in NVRI starts its operations.

Improvement of facilities of NVRI is the first step for the process of investments in the network of veterinary diagnostic laboratories and it is crucial to receiving relevant accreditation. NVRI has started the accreditation programme in 2000. The general procedures have been prepared as well as some detailed ones in the field of food control laboratories. For the whole accreditation process the Polish Centre for Testing and Certification has been selected (Polskie Centrum Badan i Certyfikacji) All reference laboratories should receive accreditation by the end of the year 2002. However, the building for research departments and laboratories as well as buildings for animals do not meet the EU standards and security levels essential for future accreditation.

The Beneficiary declares that by the end of 2002 all accreditation procedures will have been prepared and the number of reference laboratories will be established according to the Art. 48 of the Act of animal infectious diseases control, examination of slaughter animals and meat and the Veterinary Inspection.

During the process of modernisation and extension of NVRI, the functioning of the laboratories and research departments must not be stopped. NVRI will serve as the reference laboratory immediately after publishing the Minister of Agriculture Regulation which should be issued in mid-June 2002. The Institute will solve problems how to run reference work during the whole period of the building construction. In contrast to the construction of new premises, the modernisation of the existing NVRI buildings would be highly time consuming and cost-ineffective and it would not result in accomplishment of required EU standards. Therefore, the construction of new premises is indispensable. The PHARE funds are pivotal to the successful implementation of the overall Project.
In February 2002 the City Council in Pulawy confirmed the status of the NVRI land parcel reflected in the 1949 decision declaring this area an economic zone. This development and the proposed change in financing the design preparation accelerated preparatory procedures so the project timetable outlined in the feasibility study should be updated.

Feasibility study and Environmental Impact Assessment were prepared in March 2002. The EIA consultants have identified no major environmental issues and the local environmental authorities after several meetings have provisionally accepted the Project. The architectural concept was prepared in March 2002.

The Zoning Permit (Warunki zabudowy i zagospodarowania przestrzennego) was issued in April 2002 by Mayor of Pulawy local government. The building design will be prepared using the re-allocated funds from PHARE 2000.

Signing of the contract for design preparation is foreseen in October 2002 and the building permit is foreseen in April 2003.

A Project Implementation Unit (PIU) is being set up in the NVRI to manage and implement the Project. It would comprise specifically recruited staff including a Project Engineer and an Accountant, as both physical and financial management will be required.

3.2. Linked activities

Some investments in the National Veterinary Research Institute in Pulawy have already been done either under the PHARE programmes or as its own investment. The Multi-country Diagnostics and Control Programme has started the process.

- Residue monitoring programme
  Source of financing:
  PHARE 1995 Programme PL 95-06-01-05 - Modernisation of the veterinary system of chemical and biological residues in animal tissues and foodstuffs of animal origin 290 000 EURO
  The NVRI own funds for modernisation of building/rooms 200 000 EURO.

- Reference laboratory for milk and dairy products
  Source of financing:
  PHARE 1995 Programme PL 95060118 - National Reference Laboratory for Milk and Dairy Products - purchase of laboratory equipment – 497 000 EURO
  The NVRI own funds for adaptation of rooms for installations of the equipment – 400 000 EUR provided the background for establishing the national reference laboratory for milk and dairy products.

- Technical Assistance
  PL98/IB/AG02: “Report of the mission on strategy for official veterinary laboratories in Poland” and “Assessment of the situation - Estimate of investment in premises for NVRI”.

- Supply of equipment for different laboratories diagnosing infectious diseases at NVRI
  Source of financing:
  PHARE 2000 Programme – Supply of equipment for regional laboratories, Supply of equipment for NVRI, Training of staff – 6 000 000 EURO.

3.3. Results

- Adequate diagnostics, monitoring, control and prophylaxis of transmissible animal diseases and zoonoses according to EU standards,
- Possibility of regular collecting and processing data from regional veterinary diagnostic labs,
- Effective managing of the epidemiological and emergency situations of animal transmissible diseases as well as food and feeding stuffs quality,
- Monitoring and surveillance systems for Veterinary Inspection adjusted to the EU standards.
- A new enlarged laboratory facility that meets the future needs of a national reference laboratory according to EU standards, especially in respect of security for infectious diseases,
- A new animal housing facility and associate post mortem room that would enable supporting experiments to be conducted under strictly controlled environmental conditions according to EU and Polish regulations,
- A new wastewater treatment plant and solid waste disposal system according to EU and Polish regulations.
3.4. Activities
The main Project components are:
• Supervision on works contract (according to FIDIC standard conditions).
• Modernisation and extension of the National Veterinary Research Institute including:
  o Construction of a new laboratory building according to the relevant EU standards meeting all conformity requirements and security levels, including supply of equipment,
  o Construction of new separate buildings for animal housing according to the relevant EU standards meeting all conformity requirements and security levels with possibility of future extension,
  o Construction of environmental services including: new wastewater network, construction of a new transformer station, creation of a plant for air treatment and construction of waste disposal system.

The proposed laboratory building would be located adjacent to (behind) the existing laboratory buildings in the NVRI grounds extending to 30 ha and situated on the fringe of the town of Pulawy. It would be integrated in the existing laboratories and the new entrance/reception arrangements recently established in the existing buildings to enable the new complex to function uniformly.

It is planned that the Project will be continued and new application for assistance within PHARE 2003 will be presented to the European Commission. The provisional scope of PHARE 2003 component will include the construction of a new building for administrative purposes and storage areas, construction of a special treatment plant for hazardous waste water, construction of a new waste incineration plant and upgrading of laboratory and computer equipment.

4. Institutional framework
The following institutions will be involved and responsible for the project implementation: CFCU as an Implementing Agency, Ministry of Agriculture and Rural Development and the National Veterinary Research Institute in Pulawy (NVRI)

Assignment of responsibility
• Engineer: supervisor will be contracted in the framework of the project, following a PRAG tender procedure.
• Employer: NVRI
• Owner: NVRI

Beneficiary institution
The National Veterinary Research Institute in Pulawy (NVRI) and the veterinary laboratory diagnostic system will benefit directly from the Project. The NVRI and 16 regional veterinary diagnostic laboratories are state owned and administrated by the Ministry of Agriculture and Rural Development. Art. 48 of the Act of animal infectious diseases control, examination of slaughter animals and meat and the Veterinary Inspection and the order of the Minister of Agriculture and Rural Development define the NVRI as the Official Reference Laboratory for the regional laboratories.

5. Detailed budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Investment</th>
<th>Institution</th>
<th>Total PHARE</th>
<th>Co-financing by Poland</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTRACT 1 Modernisation and extension of the National Veterinary Research Institute</td>
<td>16,816,000</td>
<td>0</td>
<td>16,816,000</td>
<td>5,755,000</td>
<td>22,571,000</td>
</tr>
<tr>
<td>CONTRACT 2 Supervision and Contractor’s Management Fees</td>
<td>514,000</td>
<td>0</td>
<td>514,000</td>
<td>171,000</td>
<td>685,000**</td>
</tr>
<tr>
<td>Total</td>
<td>17,330,000</td>
<td>0</td>
<td>17,330,000</td>
<td>5,926,000</td>
<td>23,256,000</td>
</tr>
</tbody>
</table>

*Preparation of the Design for Modernisation and extension of NVRI has been excluded from the Project. The design will be prepared under a separate contract using the re-allocated funds from PHARE 2000. Co-financing will be available.
6. Implementation arrangements

6.1. Implementing Agency:
PAO: Krystyna Gurbiel, Under-secretary of State, Office of the Committee for European Integration, Al. Ujazdowskie 9, 00-918 Warsaw, tel: +48 22 4555241, fax: +48 22 4555243.
The Central Financing and Contracting Unit (CFCU), 00-444 Warsaw, 4a Górnoslaska Str., tel. +48 22 622 84 64, fax +48 22 622 72 12
The CFCU will be responsible for tendering, contracting and payments made under concluded contracts on behalf of the Ministry of Agriculture and Rural Development.

Final Beneficiary:
Ministry of Agriculture and Rural Development represented by the National Veterinary Research Institute in Pulawy.
Ministry of Agriculture and Rural Development, 00-930 Warsaw, 30 Wspolna Str., tel. +48 22 623 10 51, fax +48 22 621 44 42
National Veterinary Research Institute, 24-100 Pulawy, Al. Partyzantow 57, tel. +48 81 886 32 70, fax +48 81 886 25 95
The Final Beneficiary will be responsible for the overall implementation and monitoring of the Project as well as for invoices' approval.

6.2. Twinning arrangements N/A

6.3. Non-standard procedures: N/A, but standard procedures according to the “Practical Guide for PHARE, ISPA & SAPARD tendering procedures”.

6.4. Number of contracts expected:
Contract 1 (Works Contract)
Modernization and extension of the National Veterinary Research Institute
This contract will be implemented according to the FIDIC Red Book and it will include construction works, supply of equipment, installation, and commissioning (in the form of joint co-financing).
Estimated total value 22 571 000 EURO
Phare 2002 16 816 000 EURO
National Co-Financing 5 755 000 EURO

Contract 2 (Service Contract)
Supervision on the above Works Contract according to FIDIC standard conditions - “Engineer” (in the form of joint co-financing).
Estimated total value 685 000 EURO
Phare 2002 514 000 EURO
National Co-Financing 171 000 EURO

7. Implementation schedule

7.1. Start of tendering/call for proposals:
Contract 2 (Supervision Engineer) IV quarter 2002
Contract 1 (Works) II quarter 2003

7.2 Start of Project activity: III quarter 2003

7.3. Project completion: III quarter 2005

8. Equal Opportunities
Contractors and subcontractors will be contractually liable to promote equality, guarantee fundamental rights and fight against discrimination on the ground of sex. The participation of women and men will be based on the relevant standards of the European Community Equal Opportunity of Employment.

9. Environment
EIA - summary
Location
The project will be implemented on the NVRI site. According to the Local Spatial Development Plan the investment area belongs to the structural unit marked as G11UN, which allows three categories of use. These are: forest, park and buildings of NVRI. Detailed description derived from the Plan defines the NVRI area as: „Areas of NVRI – further development of the Institute foreseen”. From the formal point of view, the undertaking is in accordance with the Local Spatial Development Plan. Finally, in February
2002, the Local City Council in Pulawy found that the 5-hectar plot which is designated for the construction of laboratory buildings has since 1949 been classified as a plot for the construction of new laboratory buildings.

In the vicinity of proposed undertaking there are no particularly sensitive elements protected according to the Directive no. 79/409/EEC and 92/43/EEC. Within the Institute area 11 individually protected trees are located. Three of those trees grow close to the existing buildings.

Discussion with the Voivodeship Nature Conservator, on the 12th of February 2002, confirmed, that from the legal point of view, the vicinity of protected trees, where construction and development of buildings, communication lines, equipment or installations is banned, is formed by the zone within crown and root system boundaries. Proposed undertaking does not violate this zone, so there are no objections of formal and environmental nature against the construction localisation.

The group of major sensitive receptors is formed by: residents of neighbouring houses and passengers waiting at the railway station and at the bus stop.

Other sensitive receptors are: animals living or crossing the forest near the Institute, ground water, soil, air and protected trees.

The investment will not cause negative impact on people and animals when particular precaution and protection measures, required by law, are obeyed. Regulations on hermetic keeping and directives on practices with high-risk substances, should especially be considered.

**Undertaking Category and scale of the investment**

*European Union Regulations:*

The investment falls into the category described in Annex II to Directive 85/337/EEC and 97/11/EC 3rd of March 1997 – since protected trees are growing on investment site and since local wastewater treatment installation with capacity under 150 000 RLM is part of the investment.

Annex II lists actions responding to Article 4(2) - “[...] for undertakings listed in Appendix II member states should define [...] whether the project requires EIA [...]”.

*Polish regulations:*

Undertaking responds to the category defined by Art. 51 par.1 p. 2 of the Environmental Protection Law because of construction of local wastewater treatment installation. Therefore, appropriate authorities may impose the requirement on performing the EIA.

**Main effects which the project is likely to have on the environment**

The above listed activities influence at most the following environmental components:

- Social conditions - local economy and employment
- Utilisation of planned change of the land-use
- Entities rendering services for NVRI
- Residential areas in the vicinity due to decreased risks, better look and aesthetics of the NVRI space
- Implementation of proper waste management
- Improvement of power supply conditions as well as supply of water, gas and removal of wastewater
- Economic activity in the vicinity of NVRI due to improved safety.

**Conclusions concerning requirements for further EIA administrative procedure for zoning and building permit stage**

The EIA report to be prepared for the building permit shall in detail discuss sufficiency and completeness of the protective arrangements to be installed in laboratories in order to protect the environment from pathogens.

**Measures envisaged to prevent, reduce and offset significant adverse effects on the environment**

The laboratories, according to the conceptual design, will be equipped with all the relevant protective installations and measures in order to minimise environmental impacts. The laboratories and the spaces shall meet the requirements set out in the Ordinance of Polish Environment Minister, as following:

- Separate plumbing for different kind of wastewater and on spot disinfecting facilities
- Pre-treatment plant for wastewater

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1 The Resolution of Municipal Council no. LXX/412/94 from the 26th of May 1994 on introduction of individual protection on 15 trees in the city of Pulawy, by declaring them „the monuments of nature”, based on the report entitled "Dendrologic inventory of 15 trees in the area of the city of Pulawy, March 1995".
- Air control system with HEPA\(^2\) filtering system in special laboratories and disinfecting installation.
- tight waste disinfecting and disposal system
- animal and other hazardous waste utilisation in local crematory
- equipment of the animal houses with environmental control installations and barriers (to prevent pression of insects, birds and animals)
- separate houses for infected animals of different size
- lock system in special laboratories and animal isolation
- tight windows and air condition/control system.
This way the risk and environmental impacts will be well kept under control.

**Competent Authorities in the EIA process**
The following competent authorities will take part in the consecutive stages of the decision making process:
- The City Council is competent to take a resolution to start elaboration of the Local Spatial Development Plan and a resolution to accept the plan for the area on the NVRI site to be used for economic purposes. This step has already been taken.
- The City Council is competent to accept information on waste generation.
- The Mayor of Pulawy is competent to issue a zoning permit and decide on the obligation of preparing the EIA. In this procedure the Poviat Sanitary Inspector (Powiatowy Inspektor Sanitarny) participates acting as an opinion making body.
- The Voivodeship Nature Conservator is competent to make opinion on the EIA report and will be monitoring all the protected trees.
- The President of Poviat (Starosta Powiatowy) is competent to agree on a building permit. The Mayor of Pulawy acts on behalf of the President of Poviat according to an agreement on execution of governmental tasks.
- The President of Poviat is competent to agree on a hazardous waste management program.

Possible future demolition of facilities as used on the NVRI sites and their clean-up, will be carried out basing on permit procedures as described in the Polish Building Law. To this end the a.m. competent authorities act in the zoning and building permit procedures.
Operational phase will start at the same time when new objects are commissioned and agreed upon with suppliers and competent authorities on wastewater and solid waste disposal and delivery of the materials examined. The body suitable to laboratories functioning and the admission is the Ministry of Agriculture and Rural Development.

**Parties interested in the EIA process**
The legal entities are interested in the project realisation from different points of view i.e. Competent Authorities obliged to supervise the investment realisation, the bodies responsible for the veterinary supervision in Poland and the private persons subjected to the troubles of the laboratories construction and exploitation.
In the vicinity of the investment region there are some organisations and a religious centre of the Jehovah's witnesses, occupying the parcel neighbouring the NVRI.
There are private residential buildings, the forest under the management of the Fertilisation and Pedology Institute, the Polish State Railways an area and the roads under the management of the Voivodeship Roads Management located on the parcels neighbouring the NVRI. All the above mentioned parties will participate in the agreeing process of the preparation and realisation stages of the investment, according to the procedure provided for by the Administrative Proceeding Code (Kodeks Postepowania Administracyjnego), the Act on the Environmental Protection and the procedures of the applications and opinions given by the interested parties on the stage of issuing the administrative decisions.

10. Rates of return
   The Feasibility Study is attached to this Project Fiche.

11. Investment criteria

\(^2\) Additional requirements are set out in case that viruses of interest are not removed by the HEPA filter.
11.1. Catalytic effect:
The Project will produce a large catalytic effect for the system of the veterinary laboratory diagnostic in Poland. Firstly, it will increase considerably the quality of testing of animals and animal products assuring better control of infectious diseases and safety of products of animal origin as well as animal feeding stuffs. It is extremely important to apply the same standards of testing as in the EU Member States to ensure the same health standards for animals and the same standard for safety of animal products and feeding stuffs. Poland will be able to perform on the spot checks to make the international trade easier and simpler.

11.2. Co-financing:
The Project will be co-financed by the Polish Government - Ministry of Agriculture and Rural Development.

11.3. Additionality:
The Phare 2002 component does not displace any other financing.

11.4. Project readiness and size:
The Project will be ready for tendering in II quarter 2003. Commissioning of the new constructions is expected in the III quarter 2005. The land on which the construction will take place is owned by the National Veterinary Research Institute in Pulawy. The architectural concept was prepared in March 2002. The Zoning Permit (Warunki zabudowy i zagospodarowania terenu) was issued in April 2002. The design will be prepared using the re-allocated funds from PHARE 2000 and within that Programme signing of the contract for preparation of design is scheduled on October 2002. The building permit is foreseen in April 2003. Preparation of the Tender Dossiers for the Works Contract Modernisation and extension of the National Veterinary Research Institute and for the Service Contract Supervision on the above Works Contract according to FIDIC standard conditions - “Engineer” will be done simultaneously.

11.5. Sustainability:
The Project is a continuation of the Phare 2000 project, and the Ministry of Agriculture and Rural Development envisages the Project’s development and operation for many years after Poland’s accession to the European Union. After completion of the Project, the financing support for functioning of the reference laboratories network (including NVRI) will be assured by the state budget as well as by the incomes generated by providing services as diagnostic laboratories. The NVRI will be the central research and diagnostic institution of the Ministry of Agriculture and Rural Development supporting the Veterinary Inspection.

11.6. Compliance with state aid provisions:
The Project is in conformity with state aid regulations.

12. Conditionality and sequencing

12.1. Conditionality:
The conditionality of the Project focuses on the Ministry of Agriculture and Rural Development implementing the strategy for official veterinary laboratories and on its readiness to provide the necessary co-financing.

12.2. Contracting of the Project

1. Tendering for Supervision
2. Tendering for works
3. Construction and installing of the equipment
4. Completion of the works
5. Commissioning.

12.3. Milestones:
- Feasibility Study – March 2002
- Environmental Impact Assessment – March 2002
- Terms of Reference for the tender for design preparation (including TAIEX verification mission) – May 2002
- Terms of References for Supervision - IV quarter 2002
- Launching of Tender for Supervision – IV quarter 2002
- Design and building permit – April 2003
- Tender Dossier for works – April 2003
• Launching of Tender for works – II quarter 2003
• Signing of Contract 2 (Supervision Engineer) II q. 2003
• Signing of Contract 1 (Works) IV quarter 2003
• Beginning of construction works – IV quarter 2003
• Commissioning and Completion of the contracts - III quarter 2005.
## LOGFRAME PLANNING MATRIX FOR PROJECT:

<table>
<thead>
<tr>
<th>Overall Objective</th>
<th>Objectively Verifiable Indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Meeting EU accession requirements for veterinary and food of animal origin quality controls.</td>
<td>Achievement of organisation and quality of laboratory diagnostics in accordance with the EU standards; Accreditation obtained; Credibility of Polish Veterinary Services confirmed by the EU.</td>
<td>Reports and documents of Ministry of Agriculture and Rural Developments in Poland; Project progress reports, reports on special investigative research, project evaluation reports (midterm and final);</td>
<td>Implementation of the strategy for Official Veterinary laboratories in Poland. The Programme should be implemented in its entirety. No partial implementation should be deemed a success. Sound understanding and involvement of the veterinary service, as well as the central and local governments into adjusting the sector in order to satisfy the EU requirements; creation of a system to help to manage crisis situations in the veterinary sector;</td>
</tr>
</tbody>
</table>

### Project Purpose

Meeting the conformity requirements and security levels for veterinary diagnostic laboratories by improvement of facilities of National Veterinary Research Institute in Pulawy according to EU standards. Creation of technical infrastructure for implementation of the EC veterinary legislation by the Polish Veterinary Administration and contribution to the implementation of the national strategy for the veterinary laboratory diagnostic. Establish technical conditions for the process of National Veterinary Research Institute in Pulawy (NVRI) accreditation as a national reference laboratory as well as better and stricter supervision of the veterinary laboratories diagnostic system (network of the regional laboratories).

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<th>Objectively Verifiable Indicators</th>
<th>Sources of Verification</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accreditation obtained;</td>
<td>Reports and documents of the Ministry of Agriculture; Project progress reports, reports on special investigative research, project evaluation reports (midterm and final);</td>
<td>Donor funding available for a investment and agriculture programmes; EU funding available for the Project; Transposition of the models of EU Member States; Adjustment of the models to local conditions;</td>
</tr>
</tbody>
</table>
### Results

Adequate diagnostics, monitoring, control and prophylaxis of transmissible animal diseases and zoonoses according to EU standards, Possibility of regular collecting and processing data from regional veterinary diagnostic labs, Effective managing of the epidemiological and emergency situations of animal transmissible diseases as well as food and feeding stuffs quality. Monitoring and surveillance systems for Veterinary Services adjusted to the EU standards. A new enlarged laboratory facility that meets the future needs of a national reference laboratory according to EU standards, especially in respect of security for infectious diseases, A new animal housing facility and associate post mortem room that would enable supporting experiments to be conducted under strictly controlled environmental conditions according to EU and Polish regulations, A new wastewater treatment plant and solid waste disposal system according to EU and Polish regulations.

### Objectively Verifiable Indicators

- Availability of the complex range of the tests at the veterinary reference laboratory;

### Sources of Verification

- Reports and expertise by MARD and Veterinary Inspectorate;
- Reports and expertise by the Taiex Office/EU experts and inspectors;
- NVRI Reports: quarterly and annual progress reports during the ramp up phase, annual reports thereafter;
- Project progress reports, technical reports, project evaluation reports (midterm and final);

### Assumptions

- National co-financing available for the Project;
- Contracts implementation according to the initial contract’s time schedule;
- All facilities build up or modernise according to the contract nutriments;

<table>
<thead>
<tr>
<th>Activities</th>
<th>Means</th>
<th>Assumptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>construction of a new laboratory building including supply of equipment, construction of new separate buildings for animal housing, creation of a plant for air treatment and preparation, construction of a new wastewater network and transformer station, creation of a plant for air treatment, preparation of waste disposal system.</td>
<td>Service contract Works contract Phare: 17,33 mln Euro National co – financing: 5,92 mln Euro</td>
<td>EU and Polish funding available for the Project; Disbursement of funds with no delays (successful co-operation between NAO, PAO, IA and Final Beneficiary); Tender Documents on high quality;</td>
</tr>
</tbody>
</table>
### Annex 2-3 Implementation, contracting and disbursement schedules

<table>
<thead>
<tr>
<th>Date of Drafting</th>
<th>Planning Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 2002</td>
<td>IV q. 2002 – III q. 2005</td>
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</table>

**Investment into the System of Veterinary Laboratories: the Reference Laboratory in the National Veterinary Research Institute (NVRI) in Pulawy**

<table>
<thead>
<tr>
<th>PLANNED</th>
</tr>
</thead>
<tbody>
<tr>
<td>IV’02</td>
</tr>
<tr>
<td>I</td>
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**Budget Allocation Cost Estimate (in MEUR)**

<table>
<thead>
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<th>Cost Estimate (in MEUR)</th>
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<tr>
<td>0,51</td>
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<tr>
<td>17,33</td>
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<tr>
<td>17,33</td>
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<td>4,75</td>
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<tr>
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<tr>
<td>15,0</td>
</tr>
<tr>
<td>17,33</td>
</tr>
</tbody>
</table>

**Implementation schedule**

| D | D | CI | I | CI | I | I | I | I |

**Disbursement schedule**

| 0,10 | 3,25 | 4,75 | 10,0 | 15,0 | 17,33 | 17,33 |

D = design of sub-projects  
C = tendering and contracting  
I = contract implementation and payment