COPY

Organization of African Unity/
Interafrican Bureau for Animal Resources
(OAU/IBAR)

TECHNICAL PROPOSAL

for the

Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)

7-ACP-RPR-744/745 8-ACP-TPS-032
EUROPEAID/112448/D/SV

September, 2002

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rdp

RDP Livestock Services

in association with

pan

Aviagric

RDP Livestock Services

Consultants for Integrated Animal Production and Processing, Veterinary Services and Vector Control

Dr J.T. Musiime
Ag. Director OAU/IBAR and EDF Regional Authorizing Officer
P.O. Box 30786
Maendeleo House, 6th floor
Nairobi
Kenya

Date: 6 September 2002
Our ref: PRO/Afr/PAC/02.1990
Subject: Restricted Invitation to Tender for the "Provision of Technical Assistance to national projects of the PAN-African Programme for the Control of Epizootics (PACE)", submission of technical and financial proposal

Dear Sir,

Following the invitation to tender, dated 10 July 2002, we are pleased to submit for your consideration one (1) original and five (5) copies of our technical and financial proposal for the above mentioned programme.

For the preparation of the tender and the execution of the project, RDP Livestock Services of the Netherlands has associated in the form of a consortium with Cie Jules van Lancker s.a. (Belgium), PAN Livestock Services Ltd. (UK) and Avia-GIS bvba (Belgium).

RDP Livestock Services is the leading partner of the consortium, and as such is the sole party contractually liable for the implementation of the contract and relevant negotiations.

This group has accumulated wide experience in the execution of similar assignments and is thus well qualified to provide the required services. Of primary importance in this respect is the successful implementation by ourselves and our partners of a large number of related activities under the earlier PARC programme and indeed as part of the present PACE programme. RDP and its partners are and have been substantially involved within many countries and regions of Africa.

Senior personnel of the consortium have gained ample professional recognition. We also are particularly pleased to be in a position to propose senior international experts who have built up a sound professional and management history for the execution of this assignment.

Registered Trade Names
of RDP International B.V.

RDP Livestock Services

For overall co-ordination of inputs, support and logistic matters, Dr Rob C. de Rooij has been assigned as contract director at the RDP office in the Netherlands.

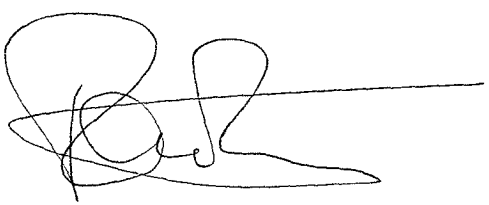
We undertake that we will perform the contract in accordance with the terms and conditions of the tender dossier, as received with your letter of invitation, dated 10 July 2002.

We wish to confirm that our proposal is valid for a period of three (3) months from the closing date for the lodging of tenders, 12 September 2002.

We trust that our proposal meets your requirements and confirm that we are at all times available to provide any further information that you may desire.

Yours faithfully,

RDP Livestock Services



Rob de Rooij
director

Content of the Technical Proposal

Declarations and Statements by the Consortium Partners

Statements of Undertaking
Declarations of the Tenderer

Annex A to the Draft Contact

Terms of Reference

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Experts Proposed

C1	Lists of Experts Proposed
C2	Curricula Vitae, Copies of Certificates and Statements of Exclusivity and Availability of Long-term Experts
C3	Curricula Vitae, Copies of Certificates and Statements of Exclusivity and Availability of Reserve Long-term Experts
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C5	General Description of the Consortium Partners

Statements of Undertaking

PANAFRICAN PROGRAMME FOR THE CONTROL OF EPIZOOTICS / PROGRAMME PANAFRICAIN DE CONTRÔLE DES EPIZOOTIES (PACE)

EUROPEAID/112448/D/SV

TO WHOM IT MAY CONCERN

Provision of Technical Assistance to the national projects of the Pan-African Programme for the Control of Epizootics (PACE)

STATEMENT OF UNDERTAKING

I, the undersigned Rob C. de Rooij, Director of RDP Livestock Services, Steynlaan 19F, Zeist, the Netherlands, confirm that RDP Livestock Services, as leading firm of the consortium consisting of RDP Livestock Services (Lead Firm), Cie Jules van Lanker s.a., PAN Livestock Services Ltd and AVIA-GIS bvba, undertakes to perform the contract in accordance with the terms and conditions of the tender dossier.

Zeist, 15 August 2002

RDP Livestock Services B.V. rdp The Netherlands

Rob C. de Rooij
Director

egistered Trade Names
f RDP International B.V.

DP Livestock Services

Compagnie
JULES VAN LANCKER S.A.
Rue des Drapiers 31 - B 1050 BRUXELLES

PANAFRICAN PROGRAMME FOR THE CONTROL OF EPIZOOTICS / PROGRAMME PANAFRICAIN DE CONTRÔLE DES EPIZOOTIES (PACE)

EUROPEAID/112448/D/SV

TO WHOM IT MAY CONCERN

Provision of Technical Assistance to the national projects of the Pan-African Programme for the Control of Epizootics (PACE)

STATEMENT OF UNDERTAKING

I, the undersigned Maximilien de NEVE, Administrative Director of Cie Jules VAN LANCKER s.a., Rue des Drapiers 31/33, 1050 Brussels, Belgium, confirm that Cie Jules VAN LANCKER s.a. as a member of the consortium consisting of RDP Livestock Services (Lead Firm), Cie J. VAN LANCKER s.a., PAN Livestock Services Ltd and AVIA-GIS bvba, undertakes to perform the contract in accordance with the terms and conditions of the tender dossier.

Brussels, 6th August 2002

Maximilien de NEVE
Administrative Director

Compagnie Jules VAN LANCKER s.a. Bruxelles

livestock services

Department of Agriculture
Earley Gate, P.O. Box 236
Reading, RG6 6AT
United Kingdom

Tel: +44 (0)118 926 4888 *Fax:* +44 (0)118 926 2431
e-mail: veeru@reading.ac.uk *Web:* http://www.veeru.reading.ac.uk

PANAFRICAN PROGRAMME FOR THE CONTROL OF EPIZOOTICS / PROGRAMME PANAFRICAIN DE CONTRÔLE DES EPIZOOTIES (PACE)

EUROPEAID/112448/D/SV

TO WHOM IT MAY CONCERN

Provision of Technical Assistance to the national projects of the Pan-African Programme for the Control of Epizootics (PACE)

STATEMENT OF UNDERTAKING

I, the undersigned Dr James Hanks, Director of PAN Livestock Services Limited, Department of Agriculture, Earley Gate, P.O. Box 236, Reading RG6 6AR, confirm that PAN Livestock Services, as a member of the consortium consisting of RDP Livestock Services (Lead Firm), Cie Jules van Lanker s.a., PAN Livestock Services Ltd and AVIA-GIS bvba, undertakes to perform the contract in accordance with the terms and conditions of the tender dossier.

Reading, United Kingdom, 5th August 2002

Dr James Hanks
Director

PANAFRICAN PROGRAMME FOR THE CONTROL OF EPIZOOTICS / PROGRAMME PANAFRICAIN DE CONTRÔLE DES EPIZOOTIES (PACE)

EUROPEAID/112448/D/SV

To whom it may concern

Provision of Technical Assistance to the national projects of the Pan-African Programme for the Control of Epizootics (PACE)

STATEMENT OF UNDERTAKING

I, the undersigned Guy HENDRICKX, Managing Director of Avia-GIS bvba, Risschotlei 33, 2980 Zoersel, Belgium, confirm that Avia-GIS as a member of the consortium consisting of RDP Livestock Services (Lead Firm), Cie Jules van Lanker s.a., PAN Livestock Services Ltd and AVIA-GIS bvba, undertakes to perform the contract in accordance with the terms and conditions of the tender dossier.

G. HENDRICKX

Avia-GIS
Risschotlei, 33
B-2980 ZOERSEL
BELGIUM

Zoersel, 29-07-2002.

Declarations of the Tenderer

Model of Declaration of the Tenderer

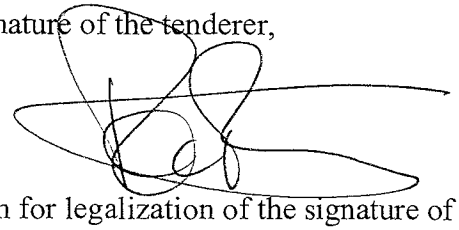
Situations based on Article 4.2 of the General Regulations

Zeist, 15 August 2002

The undersigned, Rob C. de Rooij, in the capacity of Director of the consultant agency RDP Livestock Services certifies that the firm he represents is **NOT** in one of the following situations:

- bankruptcy;
- payments to them have been suspended in accordance with the judgement of a court other than a judgement declaring bankruptcy and resulting, in accordance with their national laws, in the total or partial loss of the right to administer and dispose of their property;
- legal proceedings have been instituted against them involving an order suspending payments and which may result , in accordance with their national laws, in a declaration of bankruptcy or in any other situation entailing the total or partial loss of the right to administer and dispose of their property;
- they have been convicted by a final judgement of any crime or offence concerning their professional conduct;
- they are guilty of serious misinterpretation with regard to information required for participation in an invitation to tender;
- they are in breach of contract on another contract with the contracting authority.

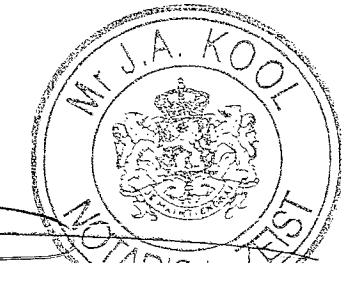
Signature of the tenderer,



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Seen for legalization of the signature of Rob Coenraad de Rooij, residing at Amsterdam, The Netherlands and born at Velsen on the 30th day of January 1947, by me Mr Johan Andries Kool, notary public, practicing at Zeist, The Netherlands on this 15th day of August 2002.

Seal of the notary certifying the present document



Signature of the notary,



Declaration by the Tenderer

Zeist, 15 August 2002

The undersigned, Rob C. de Rooij, in the capacity of Director of the consultant agency RDP Livestock Services, certifies that the firm he represents is **NOT** involved in any current legal or arbitration proceedings or disputes.

Rob C. de Rooij
Director

RDP Livestock Services B.V. rdp The Netherlands

istered Trade Names
DP International B.V.

Livestock Services

Compagnie
JULES VAN LANCKER S.A.
Rue des Drapiers 31 - B 1050 BRUXELLES

DECLARATION OF THE TENDERER

Situations based on Article 4.2 of the General Regulations

Brussels, 22nd July 2002

The undersigned, *Maximilien de NEVE de RODEN*, in the capacity of *Administrative Director* of the consultant agency *Cie Jules VAN LANCKER S.A.* certifies that the firm he represents is **NOT** in one of the following situations:

- bankruptcy;
- payments to them have been suspended in accordance with the judgement of a court other than a judgement declaring bankruptcy and resulting, in accordance with their national laws, in the total or partial loss of the right to administer and dispose of their property;
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- they are guilty of serious misinterpretation with regard to information required for participation in an invitation to tender;
- they are in breach of contract on another contract with the contracting authority.

Signature of the legal representative of Cie Jules VAN LANCKER S.A.

Maximilien de NEVE de RODEN
Administrative Director

Vu pour légalisation de la signature de Maximilien de NEVE de RODEN apposée ci-dessus.
1390 GREZ-DOICEAU, LE
Pr LE BOURGMESTRE
LE FONCTIONNAIRE DELEGUE
(A.L. 126 N.C)

GREZ-DOICEAU
Taxe Communale
1,25 €
N° 0695

Seal and signature of the burgomaster
Certifying the present document

Compagnie
JULES VAN LANCKER S.A.
Rue des Drapiers 31 - B 1050 BRUXELLES

DECLARATION BY THE TENDERER

Brussels, 22nd July 2002

The undersigned, *Maximilien de NEVE de RODEN*, in the capacity of *Administrative Director* of the consultant agency *Cie Jules VAN LANCKER S.A.*, certifies that the firm he represents is **NOT** involved in any current legal or arbitration proceedings or disputes.

Maximilien de NEVE de RODEN
Administrative Director

Compagnie Jules VAN LANCKER S.A. BRUXELLES

livestock services

Department of Agriculture
Earley Gate, P.O. Box 236
Reading, RG6 6AT
United Kingdom

Tel: +44 (0)118 926 4888 *Fax:* +44 (0)118 926 2431
e-mail: veeru@reading.ac.uk *Web:* http://www.veeru.reading.ac.uk

Declaration of the Tenderer

Situations based on Article 4.2 of the General Regulations

Reading, United Kingdom, 5th August 2002

The undersigned, Dr James Hanks, in the capacity of Director of the consultant agency PAN Livestock Services Limited certifies that the firm he represents is **NOT** in one of the following situations:

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- they are guilty of serious misinterpretation with regard to information required for participation in an invitation to tender;
- they are in breach of contract on another contract with the contracting authority.

Signature of the tenderer,

Seal of the notary certifying the present document

RICHARD GARETH GRIFFITHS
Solicitor & Notary Public
1 Friar St, Reading
ENGLAND

6/8/02

Signature of the notary,

livestock services

Department of Agriculture
Earley Gate, P.O. Box 236
Reading, RG6 6AT
United Kingdom

Tel: +44 (0)118 926 4888 *Fax:* +44 (0)118 926 2431
e-mail: veeru@reading.ac.uk *Web:* http://www.veeru.reading.ac.uk

Declaration by the Tenderer

Reading, United Kingdom, 5th August 2002

The undersigned, Dr James Hanks, in the capacity of Director of the consultant agency PAN Livestock Services Limited, certifies that the firm he represents is **NOT** involved in any current legal or arbitration proceedings or disputes.

Dr James Hanks
Director

Declaration of the Tenderer

Situations based on Article 4.2 of the General Regulations

Zoersel, 29-07-2002

The undersigned, Guy HENDRICKX, in the capacity of Managing Director of the consultant agency Avia-GIS bvba certifies that the firm he represents is **NOT** in one of the following situations:

- bankruptcy;
- payments to them have been suspended in accordance with the judgement of a court other than a judgement declaring bankruptcy and resulting, in accordance with their national laws, in the total or partial loss of the right to administer and dispose of their property;
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- they are guilty of serious misinterpretation with regard to information required for participation in an invitation to tender;
- they are in breach of contract on another contract with the contracting authority.

G. HENDRICKX

Signature of the tenderer,

Avia-GIS
Risschotlei, 33
B-2980 ZOERSEL
BELGIUM

Seal of the burgomaster certifying the present document

voor legalisatie van de handtekening van Hendrickx Guy Marie J.
Zoersel, de ...29/7/2002...
De Burgemeester
voor de Burgemeester
de gemeentebeambte gemachtigd krachtens de wet van 2 juli 1956.

GEMEENTE ZOERSEL Prov. Antw.

Signature of the burgomaster,

Declaration by the Tenderer

Zoersel, 29-07-2002

The undersigned, Guy HENDRICKX, in the capacity of Managing Director of the consultant agency Avia-GIS bvba, certifies that the firm he represents is **NOT** involved in any current legal or arbitration proceedings or disputes.

G. HENDRICKX

Avia-GIS
Risschotlei, 33
B-2980 ZOERSEL
BELGIUM

Guy HENDRICKX
Managing Director

Annex A to the Draft Contract

Terms of Reference

1.1. ANNEX A

TERMS OF REFERENCE

PROVISION OF TECHNICAL ASSISTANCE TO NATIONAL PACE PROGRAMMES

Contents

1. Introduction
2. Role of technical assistance to national PACE projects in the PACE Programme
3. Objectives and tasks of long-term technical assistants to the national PACE projects
4. Qualifications and qualities required of the technical assistants
5. The fight against lineage 1 rinderpest virus in Sudan
6. Scope of services to be provided by the Consultant
7. Procurement of equipment

Appendices

Appendix A *Terms of reference*: TA to PACE Ethiopia

Appendix B *Terms of reference*: TA to PACE Kenya

Appendix C *Terms of reference*: TA for the project management unit in Sudan

Appendix D *Terms of reference*: TA to PACE Uganda

Appendix F *Terms of reference*: TA to PACE Tanzania

TERMS OF REFERENCE

PROVISION OF TECHNICAL ASSISTANCE FOR THE NATIONAL PACE PROGRAMMES

2. 1. INTRODUCTION

1.1 BACKGROUND

Livestock constitute an important part of the economy in Africa. Apart from 160 million cattle, there are large populations of wildlife, small ruminants, pigs and poultry, in addition to camels and equines, the importance of which varies from one ecological region to another. Animal diseases represent a serious constraint on socio-economic development and major losses arise from their occurrence, particularly from the epizootic diseases whose control requires effective collaboration across international borders. The epizootics included in the "List A diseases" of the Office Internationale des Epizooties (OIE) are defined as "transmissible diseases which have the potential for very serious and rapid spread, irrespective of national borders, which are of serious socio-economic or public health consequence and which are of major importance in the international trade of animals and animal products." Rinderpest is a classical example of these diseases. Some of the OIE "List B diseases" are also important epizootics.

In the 1980s, there was a widespread resurgence of rinderpest in many countries across Africa. In response, the Directors of OAU Member States called upon the OAU Secretary General to take urgent action. In 1986, the Organization of African Unity Interafrican Bureau for Animal Resources (OAU/IBAR), with financial and technical support from donors (notably the European Union), launched the Pan-African Rinderpest Campaign (PARC), which ended in 1999. Over a period of 13 years, PARC largely achieved its primary objective and removed rinderpest from all but a few countries in eastern Africa; it also produced major policy changes to improve the sustainability of veterinary services, in many countries. The policy issues that PARC addressed were:

- Cost recovery
- Liberalization of policies for drug importation and distribution
- Privatization of animal health services
- Sanitary mandates
- Strengthening associations/cooperatives
- Establishment of animal health development levy

PARC's initial strategy for the control and progressive eradication of rinderpest relied on raising national herd immunity to stop transmission of the virus, using quality-controlled vaccines. Subsequently, mass vaccinations were reduced and succeeded by active disease search, and containment of rinderpest outbreaks. PARC also emphasized a sub-regional approach and established a cordon sanitaire in Central Africa to prevent the westerly spread of the disease. Consequently, PARC has provided PACE with a basis for its rinderpest eradication strategy and for achieving its other major objectives.

Other epizootic diseases present an increasing constraint in many sub-Saharan countries. Through several initiatives, some assisted by the Food and Agriculture

Organization (FAO), national and sub-regional strategies have been developed to assist the control of other epizootics. These will be re-examined during the PACE Programme.

The PACE Programme will contribute to the goal of reducing poverty among those involved in stock farming by improving productivity, thereby improving their livelihoods and enhancing food security.

The vision is improved prevention and progressive control of the major epizootic diseases by providing a sound technical basis and enhanced national decision support for strategic animal health management, at national and regional levels.

The purpose of the PACE Programme is to revitalize animal health services through strengthening national and regional capabilities to sustain surveillance, as well as strategic control of major animal diseases, and to improve animal health care, in 32 sub-Saharan countries.

1.2 THE OVERALL STRATEGY FOR THE PACE PROGRAMME

The Organization of African Unity Interafrican Bureau for Animal Resources (OAU/IBAR) will implement the PACE Programme through national, sub-regional and regional programmes. The PACE Programme Co-ordination Unit (PCU) at OAU/IBAR will be responsible for the coherence of programme implementation at all levels. The PCU will have the managerial and technical capacity to assess operations and to keep them in line with the Programme's objectives.

It is essential that the investments and achievements made during PARC be protected. The basic strategy of PACE is to build on the foundation provided by PARC, strengthen national and regional capacities for the sustainable surveillance and strategic control of priority epizootic diseases, and ensure that countries continue to follow international guidelines for the verification of freedom from rinderpest infection, thereby safeguarding animal health in Africa.

A special fund will be available to meet certain field and operational costs of technical support to PACE countries in an emergency.

Regional co-operation will be an important feature of the PACE Programme and it is envisaged that a multiplier effect will be produced through regional and sub-regional meetings and joint actions that the Co-ordination Units will be responsible for organizing.

The activities of national PACE programmes will always fall under four headings or thrusts, although the priority accorded to each will vary within and between regions. The strategic orientation of PACE related each thrust is outlined below.

1.3 THE FOUR THRUSTS OF THE PACE PROGRAMME

1.3.1 Reinforcing animal epidemiology services and control of the major diseases by enhancing national capacities

The development of control strategies requires reliable information, which, in turn, depends upon the existence of effective disease surveillance systems. These systems encompass continuous, systematic collection, analysis and interpretation of animal health data in association with prevailing risk factors and economic considerations, for use in planning, implementation, monitoring and evaluation of disease control by veterinary personnel.

Disease surveillance is a core function of national veterinary authorities. Whereas PARC established and strengthened networks primarily for the surveillance of rinderpest, in support of its control and eradication, PACE will further strengthen them for the long-term surveillance of other priority animal diseases. PACE will provide levels of support that are consistent with the affordability and sustainability of these networks at the national level.

The major activities of this thrust include the development and strengthening of reporting systems for major animal diseases, in accordance with national, regional and international obligations. PACE will also link these systems with each other.

Strengthened, accelerated and harmonized reporting systems will feed information into the national and regional systems to provide a basic framework for understanding the major disease constraints and facilitate safe international trade in livestock and their products.

Disease surveillance to detect and investigate epidemiologically significant events will be strengthened. Passive and active disease surveillance techniques will be strengthened and developed to contribute data to clarify the determinants of disease occurrence. In this general context, PACE will promote the active participation of all stakeholders in surveillance networks. For active disease surveillance and purposive epidemiological investigations, attention will focus on specific disease syndromes of local and transboundary importance, and the capacity will be established for disease surveillance in important wildlife populations at national and sub-regional levels.

2.1.1. Laboratory capabilities will be strengthened to permit the differential diagnosis of the major diseases to ensure the accuracy of disease data.

In close collaboration with national experts, regional and international technical assistance will develop and strengthen national capacity particularly with regard to disease data analysis and communication. National units will be developed to manage and analyze data on disease incidence to form a basis for the development of national and regional strategies. Elements of these data management systems will include:

- disease data management to handle the flow of information
- disease mapping
- epidemiological analysis
- appraisal of economic impact

The main development theme of the PACE Programme is to build the institutional capacity of the veterinary services in participating countries and, therefore, PACE will provide appropriate skills-oriented training to nationals who will manage these surveillance and decision support systems.

The Programme's Co-ordination Units will promote dialogue with national governments to increase the financial contributions to the maintenance of disease surveillance networks. This important activity will enhance the long-term sustainability of animal health in the PACE countries.

1.3.2 Greater privatization of veterinary services and public/private linkages in the field to improve the distribution of veterinary services and medicines

PACE will promote the rationalization of veterinary services to ensure that public goods are effectively safeguarded with appropriate involvement of the private sector.

National authorities will be supported to continue the rationalization of the delivery of veterinary services. Veterinary legislation in many countries now permits the involvement of private veterinary practitioners in state veterinary services. Where necessary, national PACE programmes will assist the refinement of legislation and regulations to provide an enabling environment for the private sector. Contractual mechanisms will be developed to engage private sector partners (appropriately qualified private veterinarians and veterinary auxiliaries) for essential disease surveillance and control. Where required this will include the use of community-based animal health workers, primarily in marginalized extensive pastoral communities. PACE will raise the awareness of livestock owners' associations concerning diseases and regulatory requirements, in order to promote their active participation in improved disease surveillance and control.

The Programme will also promote and encourage the development and strengthening of appropriate mechanisms for the distribution of veterinary medicines, to enhance the availability of quality products (drugs and vaccines) to livestock keepers in remote areas.

1.3.3 Rinderpest eradication from Africa through elimination of the last reservoirs and verification of freedom

It is essential that the fight against rinderpest be sustained to safeguard the investments made to date, by achieving the goal of continental eradication of rinderpest, and contributing significantly to the global eradication of the disease.

Activities will focus on identifying, containing and eliminating the residual reservoirs of infection in eastern Africa against a background of intensified verification of rinderpest freedom in compliance with international guidelines (the OIE pathway). Wildlife surveillance will be supported as a pre-requisite for both verifying freedom and disclosing the presence of infection.

PACE will provide rinderpest vaccine where necessary, and will promote the involvement of private veterinarians in vaccination campaigns. However, it is

envisaged that the levels of vaccination in the control of rinderpest will be progressively reduced, as the intensity of surveillance increases and the disease is contained in smaller focuses. This will apply particularly to the fight against lineage 1 in the cordon sanitaire, during or after the second year of implementation. PACE will adopt a flexible approach to strategy formulation that will be based on the availability of sufficient reliable epidemiological data.

With regard to lineage 2, the epidemiological approach of the PACE Programme will be based on the eco-system of Somalia-Kenya-northern Tanzania. Here, pastoral husbandry systems are a prominent feature that result in widespread movement of livestock across international borders, through areas that have abundant wild ungulate populations.

The detailed strategies that the Programme will adopt in the fight against rinderpest will be continuously revised and updated in the light of the results of epidemio-surveillance, and the changing situation at field level. The PACE approach will be based on halting vaccinations as soon as possible and on giving aid to countries to fulfil the OIE procedure for being declared free from rinderpest. PACE will align its blueprint for rinderpest eradication (under review) with that of the Global Rinderpest Eradication Programme (GREP), which currently, is based on the OIE pathway. Both blueprints will be reviewed and updated to reflect the changing situation in the field, as revealed by the results of surveillance conducted under the national PACE programmes.

In all countries, PACE will promote and strengthen emergency preparedness planning to limit the impact of disease emergencies. This will ensure an improved capacity, first, to recognize rapidly evolving disease emergencies and, second, to mount an appropriate rapid reaction to them, both at national and regional levels.

OAU/IBAR will establish a centrally managed emergency fund to assist national authorities to contain outbreaks of rinderpest, and will continue to pay the storage charges for a bank of 1.5 million doses of thermo-stable rinderpest vaccine. These measures will ensure that the PACE Programme could respond rapidly to emergencies. The Programme will not establish individual national emergency funds.

1.3.4 Control of major epizootic diseases

PACE will assist the development of national, sub-regional and regional strategies for the control of major epizootics. The comparative economic advantages of various strategy options will be highlighted by the results of specific studies but PACE will not fund the implementation of such strategies. Epidemiological and economic data will be collected in standard formats to enable their analysis, comparison and mapping at regional level. These activities will be inextricably linked to those outlined in 3.1, above. Based on the analysis of these data, strategies for the control of priority diseases will be developed in a regional context and will facilitate the elaboration of co-ordinated plans for their exclusion or progressive control.

IBAR will, through the PACE Programme, promote the timely reporting by all countries of the occurrence of OIE List A diseases. This will reinforce the links between the epidemio-surveillance networks and the refinement of strategies for the control of epizootics.

At the pan-African level, OAU/IBAR will strengthen its capacity to co-ordinate national programmes for the control of epizootics. This will include the strengthening of management capabilities, the development of information management systems and emergency preparedness plans.

PACE will re-examine the strategies developed in the regions to control priority epizootics, including rinderpest (see 3.3 above). The FAO assisted the development of a regional strategy in West Africa for the control o f contagious bovine pleuro-pneumonia (CBPP) (Nouakchott, 1998), and has assisted several West African coastal countries through technical cooperation programmes (TCPs) to develop their strategies for the control of African swine fever (ASF).

PACE will continue to fund the Pan-African Veterinary Vaccines Centre (PANVAC), to promote the use of quality assured vaccines in control operations in PACE countries. In view of the anticipated long-term decline in the need for rinderpest vaccine, PACE will encourage the expansion of PANVAC's mandate to enable it to diversify its activities and enhance its sustainability. In addition to providing vaccine quality services, PANVAC could produce and market diagnostic reagents. PACE will provide vaccines in special circumstances, and only if functional cost recovery is in place, principally involving private veterinary practitioners.

The outputs of research commissioned under the PACE Programme, notably on diagnostic tools and vaccines, will be assimilated into control operations, as appropriate.

1.4 Regional strategies

To attain the objectives outlined above and facilitate the delivery of support by the PACE Common Services, a regional strategy has been developed for PACE that takes into account geopolitics, husbandry systems, disease status and trade.

The Programme's broad thrusts, outlined above, are common to the 32 countries and are the basis for all actions. An indication of how emphasis is to be apportioned and specific elements which national projects are expected to encompass is given in a table for each regional grouping. Within and across these groupings there are common themes and national PACE programmes will address national priorities within the regional requirements identified by PACE.

1.5 OTHER STRATEGIC CONSIDERATIONS

1.5.1 Implementing agents

OAU/IBAR will co-ordinate the implementation of the PACE Programme. The implementation of national PACE programmes will be the responsibility of the national veterinary authorities in each member country. Wherever possible, PACE will encourage and promote the active participation of private veterinarians, veterinary auxiliaries, community-based animal health workers, and farmers' associations in the programme's implementation and in disease surveillance and control.

1.5.2 Factors to ensure sustainability of the PACE Programme's impacts

Each member country of the PACE Programme will sign a memorandum of understanding with the Regional Authorizing Officer of the European Development Fund (EDF). The memorandum includes prerequisites that are aimed at enhancing the sustainability of the Programme's outputs. The governments of PACE member countries shall respect the following requirements:

- the commitment to enter and follow the OIE pathway for the declaration of freedom from rinderpest infection;
- progressively increase government financial commitments to meet the full recurrent costs of a functional and effective epidemio-surveillance network at national level, which shall be linked effectively to regional and continental networks;
- continue the process of privatization of veterinary services and full cost recovery (including vaccinations, except tactical rinderpest vaccination); and,
- undertake continuous environmental impact of stockbreeding management and its impact on rangeland conditions.

At the regional level, the OAU will find the means to maintain essential personnel for epidemiology and socio-economics to ensure the sustainability of IBAR as a centre of excellence to co-ordinate strategic control of major animal diseases

PACE will focus on building the capacity to develop appropriate strategies for animal disease control that will contribute to sustainable socio-economic development.

1.6 ACTIVITIES

The programme activities are divided into national components (74% of the programme's budget) and regional components - or common regional services - (26% of the programme's budget).

1.6.1 The national components

National component activities will vary according to the individual situations in each country but they will always come under four headings:

- Enhanced national capacity for analysis and action in the fields of epidemiology, socio-economics of animal health, communications and project management;

- Improved accessibility and distribution of veterinary services and medicines, based on developing a harmonized approach to the privatization process and coherent links between public services and private operators;
- Fight against rinderpest, based on halting vaccinations as soon as possible and on giving aid to countries to fulfil the OIE procedure for being declared "countries free from the disease", including active research into the disease, strengthening the surveillance network and setting up rapid response systems;
- Improved control of other epizootic diseases, particularly CBPP, by drawing up epidemiological and socio-economic data enabling the states concerned to assess the advisability of future campaigns based on full cost recovery. Vaccine funds could possibly be made available for the most badly affected areas.

These programme components are all directed at building up the institutional capacity of national animal health systems. They aim to encourage national capacities for planning, implementation/follow-up and viability of actions. A multiplier effect will be produced through regional and sub-regional meetings and is also one of the main responsibilities of the Co-ordination Units.

1.6.2 The regional components

These are common services that will support the implementation of activities at national level. They will be based in the IBAR's offices in Kenya and in the Regional Co-ordination Units and will include:

- An epidemiology unit that will be the heart of the programme. It will include a service with special responsibility for epidemiological monitoring of wildlife. Three sub-units dealing with the rinderpest situation will be set:
    - one in Nairobi for the area where rinderpest is still endemic;
    - one in Bamako for the countries of West and Central Africa that have ceased anti-rinderpest vaccinations and begun the OIE procedure;
    - one in N'djamena responsible for monitoring the western sanitary cordon which protects West Africa against possible re-infection from East Africa.

- A communications unit based in Nairobi with a sub-office in Bamako, which will build up national expertise in this field. At the request of the other technical units it will produce advisory back-up material at central level, it will promote the programme and help to supplement the veterinary schools curriculum.

- A socio-economics unit will be responsible for developing appropriate instruments for socio-economic evaluation of diseases and devising projects for their control. These will then be transferred to the sub-regional and national levels.

- A unit to back up the organization of the veterinary services (privatization and use of husbandry auxiliaries). It will be responsible for the legal aspects of the privatization process, harmonization of approaches and negotiations with financial intermediaries, and also promoting the participation of husbandry auxiliaries ("paravets" and community-based animal health workers) in vaccination campaigns in remote or unsafe areas, under the supervision of veterinary doctors. Auxiliaries will also take part in improving the distribution of veterinary products and services in the more arid regions, and more generally in the process of privatizing veterinary medicine. This aspect will be carried out in conjunction with other donors such as the DFID.

- A financial unit responsible for establishing real time analytical accounts for the financial control of the programme, accurately estimating the costs of activities to control diseases, and carrying out internal audits at regular intervals.
- Other common services including:
    - a data processing and analysis unit, ii) a follow-up/evaluation structure, iii) a policy and strategy committee for the programme, iv) support for veterinary schools to alter their curriculum.
    - The programme will also support the PANVAC (OAU centre for the quality certification of vaccines) and will commission scientific research institutions according to the needs identified, in particular for work on CBPP.

1.7 IMPLEMENTATION

The programme will provide the operational means: technical assistance, vehicles and office, laboratory and field etc equipment. Training and information campaigns are planned at all levels from the grassroots communities to officials in the services: diagnosis, epidemiology, surveillance of wildlife, geographical information systems, socio-economics of animal health, techniques of communicating with stockbreeders *etc.* Active research campaigns into diseases and the establishment of epidemiological surveillance networks will receive organizational and logistical support and also emergency intervention plans and the means to implement them. African personnel will be trained at both national component and IBAR level to ensure the maintenance of the Centre of Excellence, in particular for the exchange of information on animal health and the preparation of economically and technically justified disease control programmes.

Using the strategy guidelines and a standard national work-programme model provided by the PACE Programme Co-ordination Unit, each PACE country has prepared a global plan for the use of resources, and its first national annual work programme. The procedure of approving the national work programmes is as follows:

- on the initiative of the National Coordinator and using the global plan approved by the Regional Co-ordination Unit, each country will draw up a national annual work programme, in consultation with the local Delegations of the EC. The proposed national work programme will be signed by the National Authorizing Officer[5] and the local delegation of the EC, before being forwarded to the PACE Programme Co-ordination Unit (through the appropriate sub-regional co-ordinators);
- the proposal will be examined by the PACE Programme Co-ordination Unit's technical teams and the financial/management verification team to ensure that it is in line with the Programme as a whole (in terms of the costs recorded, etc.). At that stage, the PACE Programme Co-ordinaiton Unit will compile a proposed regional work programme (a consolidated text for the region, with each national work programme a compulsory annex);

[5] This countersignatue is justified by the fact that the National Authorising Officer is involved in authorising payments.

- the dossier, signed by the Regional Authorizing Officer, will be transmitted to the Commission's lead delegation in Nairobi, and thence to Europeaid, Brussels for commitment for endorsement;
- once the Commission's approval of the financial commitment for the national work programme has been confirmed, an advance will be paid into the imprest account bank account of each national component of the PACE Programme from the EDF paying agent account.

1.8 MONITORING AND EVALUATION OF PACE

The financing agreement of the PACE Programme states: "Monitoring and regular internal evaluations will be the key tasks of the Regional and Sub-regional Co-ordination Units. The approach adopted will be based on participatory monitoring and evaluation in each country. The overall effectiveness of PACE will be measured in terms of the development of epizootic diseases, documented by the OIE, the number and results of samples and also the improved effectiveness of husbandry services."

The active participation of planners and implementing agents is essential for meaningful monitoring. The tables (above) provide an orientation for logical frameworks that the PACE Common Services and Co-ordination Units will develop. The outcome will guide national programmes. Detailed milestones and baseline data for indicators will be finalized in the course of implementation the first year's work programmes.

2. ROLE OF TECHNICAL ASSISTANCE TO NATIONAL PACE PROJECTS IN THE PACE PROGRAMME

2.1 LONG-TERM TA

Long-term technical assistance to National PACE projects aims at complementing the technical assistance provided at the regional level for the PACE programme. These are found in the following structures:

- PACE Regional Co-ordination Units for Eastern and Western/Central Africa

  The Co-ordination staff and Main Technical Assistant are responsible to the Director of OAU/IBAR for overall strategy formulation and planning. They create the management framework for the programme, which will enhance capacity building, and facilitate and co-ordinate implementation. They have overall responsibility for monitoring and reporting.

- Staff of the PACE Common Services

  Staff of the PACE Common Services participate in strategy formulation and planning. They define technical standards, develop work plans, assist with the transfer of technologies and skills, assist with training, provide support for the capacity building activities of the programme, and co-ordinate and monitor the implementation of specific activities of national PACE programmes. Their activities are co-ordinated between countries; they organize regional workshops and participate in national workshops. Their predominant role is one of co-ordination, guidance, facilitation, identification of needs, and provision of assistance. Short-term experts will be provided, under the terms of the contracts for Common Services TAs, to assist the delivery of services to national PACE programmes.

Not all countries will, however, receive such support. The list of countries where these TAs will be posted is established by the Supervisor taking into account the following criteria:

- Demand from the Country and/or the EC Delegation considering the track record in the implementation of PARC;
- Epidemiological situation of rinderpest and major epizootic diseases;
- OAU/IBAR's assessment of the capacity of national veterinary services to implement PACE in view of the indicative national PACE budget.

Depending on the situation in the countries, two main categories of long-term technical assistants will be posted:

i Provision of a Technical Assistant for an individual country.

ii Provision of one TA for a cluster or group of countries. The reasoning behind this, is that those groups of countries are in the same and limited geographical zones, and share common and similar problems which can be tackled more efficiently in a concerted manner. Sharing a technical assistant ~~further~~ reduces the financial burden on the national PACE envelopes. One TA will be sought for each group of countries. The TA will be posted in one country and will give backstopping support to other identified countries.

The long-term TAs will work under the auspices of the respective Director of Veterinary Services and will report to the Supervisor through the National PACE Co-ordinator. They will work closely with the staff of the respective National PACE Programme, the respective PACE Regional Co-ordination Unit and the staff of the PACE Common Services.

They will maintain close liaison with the PACE Programme Co-ordinator to ensure that their activities and those of the National PACE Programme(s) to which they are attached are effectively co-ordinated at the regional level.

2.2 SHORT-TERM TA

To provide maximum flexibility in the implementation of the PACE Programme, to promote the replication of methods, transfer skills, protocols and approaches, build capacity, mobilize human resources, and achieve the paradigm shifts at which PACE aims, short-term TA will be engaged.

The terms of reference of these short-term TAs will be limited in scope; each input will generally last for less than two months and will complement, or extend the input of, the Common Services staff or the long-term TA. They will report to the PACE Programme Co-ordinator. The overall, indicative provision for short term TA is for 29 person months (which include on person month for the backstopping to the PMU in Khartum).

The short-term TAs provided to national PACE programmes will enable the rapid creation of capacities that will be needed to achieve the results expected of the PACE Programme. They will replicate standard systems by providing on-the-job training transferring technologies and skills. The nature of their work will preclude them from involvement in strategy formulation, planning and monitoring

This approach will create flexibility and will mobilize a wide range of expertise for brief periods. The short-term TAs will provide support in areas and activities including:

- Economics of livestock diseases
- Information management [data management, including GIS, and statistics]
- Communications methods
- Management [Office administration / Project planning / M&E]
- Management information systems
- Organizational development
- Training[1] & personal development
- Laboratory diagnostics [particularly related to CBPP and good laboratory practice]
- Community-based initiatives [PRA and opinion surveys]
- Disease surveillance [Epidemiology / OIE pathway / Risk analysis / Wildlife diseases]
- Financial management [including credit schemes]
- Statistical analysis

[1] Training to be offered in-country/in region whenever possible.

3. OBJECTIVES AND TASKS OF LONG-TERM TECHNICAL ASSISTANTS TO THE NATIONAL PACE PROJECTS

3.1 PRIMARY RESPONSIBILITIES

The long-term Technical Assistants (TAs) to national projects will be primarily responsible for supporting project implementation by assisting with management and financial administration. Their activities will be conducted in the context of capacity building; thus, they should create opportunities for nationals to gain experience under their supervision and should not substitute for nationals in implementation. Long-term TAs will also have an important role in monitoring and reporting.

They will assist the countries to ensure that the PACE national global plan is implemented satisfactorily, making the best possible use of the resources made available and, importantly, will ensure appropriate communication flows between PACE National and the regional co-ordination units, and with the local delegation of the European Commission. The TAs will also provide specific technical expertise.

3.2 THE MAJOR OUTPUTS

The major outputs to be ensured by the technical assistants, in conjunction with the National PACE Co-ordinator in each country, will include:

1. Standardized reporting and information management systems are effectively transferred by the PACE Common Services and are adopted by National disease surveillance units by the end of 2003.
2. Laboratory diagnostics procedures and performance indicators are in place within 12 months of being agreed at PACE regional co-ordination workshops and during country visits.
3. Performance monitoring of contracts between government veterinary departments and private veterinary contractors has been established, evaluated, appropriately adapted and transferred to the government department.
4. Dossiers, which comply with international standards, are available to support the countries' applications to the OIE for recognition of freedom from rinderpest infection. (These will be derived from data collected in each country following the requirements of the OIE pathway, with support and guidance from the PACE Epidemiological Unit).
5. Reporting to OAU/IBAR has been established in the required formats by the end of the second year of implementation of the respective national PACE programme.
6. Project management systems (including M&E), consistent with the EC's project cycle management-logical framework approach, have been established and transferred to nationals in each country that receives technical assistance, by the end of 2002. (The PACE Programme Co-ordination Unit will provide guidelines for project management).
7. The administration is able to prepare the annual work programmes in the required format, and in a fully participatory manner.

The performance of TAs will be assessed in accordance with the PACE Programme's monitoring system, which is being developed, and which will include performance indicators.

TAs will be expected to undertake frequent field visits (up to one week each month) to assist surveillance teams and other partners of the PACE Programme. It is envisaged that each long-term TA will participate in the annual PACE regional co-ordination meeting.

4. QUALIFICATIONS AND QUALITIES REQUIRED OF THE TECHNICAL ASSISTANTS

Long-term TAs should be specialists in animal health and production, at university level, preferably - but not exclusively - doctors in veterinary medicine. They should have a proven record of working with veterinary services of developing countries, preferably including sub-Saharan Africa.

In addition, each long-term Technical Assistant (TA) will meet the following minimum requirements:

i have at least 10 years of experience in such areas as state veterinary services, private practice, diagnostic veterinary laboratory techniques, project management (planning, implementation and monitoring) and capacity building, with a minimum of 5 years experience in sub-Saharan Africa;

ii be computer literate (word processing, spreadsheet and internet usage);

iii have a good understanding of data management (preferably including geographic information systems);

iv have a good knowledge of EDF procedures would be a distinct advantage; and,

v be fluent in English and have a working knowledge of French for the countries in Eastern Africa, or be fluent in French and have a working knowledge of English for the Western and Central Africa countries.

Comparative advantages will be: experience of managing complex animal health or rural development projects; management, planning and monitoring skills; institutional building capacity; communication and team building qualities.

The short-term experts will each have a minimum of 10 years experience in their respective field of expertise.

The specific requirements related to each long-term TA will vary from country to country and the profile of the TA explained in the appendices to this annex complements the minimum requirements (above), as appropriate.

5. THE FIGHT AGAINST LINEAGE 1 RINDERPEST VIRUS IN SUDAN

5.1 GENERAL

The purpose of the OAU/IBAR's project for the Fight against lineage 1 rinderpest virus in Sudan is to develop and apply appropriate systems for animal disease surveillance and control to ensure the eradication of rinderpest, thereby supporting Sudan's livestock industry and sector.

The fight against lineage 1 rinderpest virus will be conducted within the framework of the four thrusts of the PACE Programme (Annex 1 to Annex A). However, as the title of the project indicates, it will focus on rinderpest eradication (thrust 3).

The conditions in northern and southern Sudan are markedly different. In the northern areas, the government veterinary services are able to function and institutional support for the livestock sector is well established. In the southern areas, institutional structures are not in place and community-based approaches to the delivery of animal health services have been developed. In both areas (north and south), the Food and Agriculture Organization (FAO) of the United Nations (UN), through the UN's Operation Lifeline Sudan (OLS) provides important support for food security and agriculture, including animal health.

The "Fight against lineage 1 rinderpest virus" will be implemented as two sub-projects that will be co-ordinated by OAU/IBAR through the PACE Programme Co-ordination Unit in Nairobi. Both sub-projects will receive support from the PACE Common Services Units, as necessary and on request. The requirements of the sub-projects will depend on the different circumstances of the northern and southern sectors.

In northern Sudan, the project will establish the necessary capacities for effective project management and national epidemio-surveillance. This latter aspect will be approached with a view to its long-term sustainability.

2.1.1.1. In southern Sudan, the project will establish adequate capacity for effective project management and implementation, from a co-ordination office in Lokichoggio, northern Kenya.

Consequently, the project's overall results will be achieved through the complementary outputs of the sub-projects for northern and southern Sudan. On behalf of OAU/IBAR, the PACE Programme Co-ordination Unit in Nairobi, will co-ordinate the two sub-projects through the Rinderpest Eradication Co-ordination Group for Sudan[2], which will monitor progress, review strategy, and harmonize activities. The Group will meet twice a year, normally immediately before the FAO-OLS livestock co-ordination meetings.

A memorandum of understanding has been agreed between the OAU/IBAR, the Government of Sudan and the Delegation of the European Commission in Sudan to promote collaboration and clearly define roles and responsibilities for the co-ordination and implementation of the project activities.

5.2 SPECIFIC SITUATION IN NORTHERN SUDAN

In the northern sector, a a project management unit (PMU) will administer the EDF funds that will be used to implement the sub-project. The PMU will work in close,

[2] OAU/IBAR will chair this group, which shall comprise the National Authorizing Officer, Head of the Department of Animal Health & Epizootic Disease Control (PACE Sudan Co-ordinator), the FAO-OLS northern and southern sector co-ordinators, the PACE Programme Co-ordinator, the Project Co-ordinator of the southern sector and the Technical Assistant Project Manager for the northern sector. The Head of the Delegation of the European Commission in Sudan shall have observer status.

constant consultation with the Department of Animal Health and Epizootic Diseases Control (DAH&EDC), that will provide premises for the PMU.

The PMU will support the activities agreed in successive work programmes that will be undertaken by the staff of the Department of Animal Health & Epizootic Diseases Control, the Central Veterinary Laboratory, designated regional laboratories, and veterinary field staff. In addition, the PMU will support specific activities of the NGOs that work in the northern sector within the framework of the FAO-OLS livestock programme. Essential equipment, material and reagents will be purchased in accordance with EDF procedures and the sub-project's running costs will be met from the appropriate budget lines.

For the sub-project in the southern sector, the Regional Authorizing Officer will engage an international NGO to lead and co-ordinate the project's activities in that sector.

In Sudan, the administrative role of the national PACE co-ordinator will be more limited than that of national PACE co-ordinators in other countries since EDF funds will be managed by consultants.

6. SCOPE OF SERVICES TO BE PROVIDED BY THE CONSULTANT

6.1 MOBILIZATION OF LONG-TERM TA TO PACE NATIONAL PROJECTS

The consultant is expected to immediately mobilize the approved long-term TAs in the following countries:

- Ethiopia (see Terms of reference in Appendix A)
- Kenya (see Terms of reference in Appendix B)
- Sudan (see Terms of reference in Appendix C)
- Uganda (see Terms of reference in Appendix D)

There may be a requirement for a long-term TA in Tanzania (see draft Terms of reference in Appendix E) from August/September 2002; the decision on whether or not to mobilize a TA will depend upon the outcome of an evaluation that will be conducted in July 2002.

A provision is made for the posting of regional TAs in West Africa. The regional TAs will support a group of countries in a sub-region and they will travel frequently in the region (up to 100 days per annum). They may be mobilized to support eventual PACE Programme's sub-regional initiatives, like for instance for the strategic control of African swine fever (ASF) in West Africa.

The decision to engage long-term TA for other countries will be governed by factors related to the implementation of the national programme. If, in the opinion of the PACE Programme Co-ordination Unit, difficulties arise that impede the smooth implementation of a national PACE programme, the decision to provide medium- to long-term TA to such a country, not listed above, will be made in close collaboration with the Regional Authorizing Officer of the EDF and the European Commission. The consultant is expected to respond to the Contracting Authority's request to mobilize additional TAs within the following time limits:

- The Contracting Authority will submit to the Consultant terms of reference, after having discussed them with the local authorities and the Delegation of the EC in the concerned countries. These terms of reference will comply with the general description of the experts given below.
- Within 4 weeks of receipt of the terms of reference, the Consultant will provide a list of three experts who meet the requirements for the post. A standard "mobilization sheet" will indicate the amount of resources that this expert will use out of the provisions indicated in the general budget.
- Within 4 weeks of receipt of the proposed candidates and accompanying indicative budget, the Contracting Authority, in agreement with the Local (national) authorities and the EC, will notify the Contractor of the acceptance of one of the experts.
- Within a period of 4 weeks from the date of receipt of notification of acceptance of an expert, the consultant will mobilize the expert.

6.2 THE SPECIFIC CASE OF NORTHERN SUDAN

The consultant will provide technical assistance staff to establish and maintain a Project Management Unit (PMU) as defined in the EC's "*Practical Guide for Decentralized Project Management*" (Brussels, March 1998) that will support specific activities of the Department of Animal Health and Epizootic Diseases Control (DAH&EDC), and other partners, in the context of the sub-project's approved work programmes.

The long-term staff will comprise one TA who will head the project management unit (PMU) and a locally recrutied, professionally qualified accountant. The consultant will also provide short-term experts to support the PMU (from the 28 person month allocation of this contract), after consultation with the Sudanese authorities and with the prior approval of the head of the Delegation of the EC in Khartoum; the consutlant's headquarters' staff will also undertake backstopping missions (up to 30 days over the contract period). The consultant will support his staff while they are in Khartoum, during their field visits in Sudan and while they are on mission in Sudan or elsewhere; their operating costs will be met from the budget lines of the consultant contract (Annex E – Price breakdown).

The project will be implemented on the basis of work programmes and cost estimates, which will be developed by the head of the PMU, in close consultation with the national PACE co-ordinator, the Sudanese authorities and the Rinderpest Eradication Co-ordination Group. Each work programme and cost estimate will be approved by the head of the Delegation of the EC in Sudan and the contract supervisor (the PACE Programme Co-ordinator). The PACE Programme Co-ordination Unit (PCU) in Nairobi will consolidate each work programme with those of other national PACE projects, before submitting them for authorization by the RAO and endorsement by the Lead Delegation of the EC in Kenya. The RAO will prepare an Administrative Order related to the approved work programme; the contractor will sign the administrative order agreeing to implement the work programme; and, the head of the Delegation of the EC in Sudan will endorse the order.

The operational costs of the sub-project in the northern sector of Sudan will be met from a provision in the consultant contract (see Annex E – Price breakdown). Any

amount advanced to meet these operational costs will have to be covered by a separate bank guarantee. The consultant will only be authorized to incur expenditure on operational costs within the limits of the provisions of the project's approved annual work programmes and cost estimates (AWP&CEs).

Using the provisions of appropriate budget lines, the consultant will procure essential equipment, materials and reagents in accordance with EDF procedures; the PMU will meet the sub-project's running costs from the provisions of approved work programmes.

OAU/IBAR will issue an international tender for the purchase of vehicles required by the DAH&EDC.

The scope of the activities that the PMU will support is outlined in the Global plan for the project, to which the consultant will refer in the preparation of each work programme.

Government-funded activities will complement the project's activities.

6.3 SHORT-TERM EXPERTS

The need for short-term experts will be identified by the National PACE Co-ordinator, in close consultation with the PACE Programme Co-ordinator. The PACE Programme Co-ordinator will prepare the terms of reference for each expert in consultation with the Contractor.

The Contractor will present the CVs of three candidates to the PACE Programme Co-ordinator, based on suggestions from the Contractor, the Contracting Authority or Delegations of the EC.

The Contractor will hire the selected short-term experts directly, subject to the prior written authorization of the Contracting Authority and the endorsement of the Delegation of the EC in Kenya. The unit rates provided in this contract will be applicable to these short-term experts, who will report directly to the National PACE Co-ordinator and through him to the PACE Programme Co-ordinator.

6.4 REPORTING

The PACE Regional Co-ordination Units in Nairobi and Bamako will co-ordinate the activities of the long-term and short-term TAs and staff of the PACE Common Services and Co-ordination Units will closely monitor their performance.

The consultant will produce a six-monthly report and an annual report on the activities of the performance of this contract. They will consist of an appreciation of all the activities relevant to this contract for the previous year, a description of achievements, problems arising, an appreciation of the previous planning and implementation process. Their format will allow the Supervisor to monitor the performance of the contract.

These reports will be communicated to the Supervisor in appropriate electronic (soft, or digital) versions together with four bound, and one original loose leaf, paper (hard copy) versions; One copy will be provided to the Delegation of the EC in Kenya, and

one copy to the delegations of the EC where experts have been active during the reporting period.

Long term TA may be requested to produce regular reports in their countries of assignment. The nature, frequency and distribution of these reports will be the object of a Service Order from the Supervisor.

Each short-term technical assistant mission will also be the object of a specific report. The specific terms of reference will indicate their nature and distribution.

7. PROCUREMENT OF EQUIPMENT

In the case of equipment for the use of individual long-term TAs, the consultant will purchase vehicles, computers, accessories and materials suited to the tasks to be performed and will receive fixed payments under "vehicle running costs" and "office costs". These goods will remain the property of the consultant. The national PACE projects will not supply these items to TAs, nor provide for their running costs.

In the case of the 'fight against lineage 1' projects, other goods procured under the terms of this contract will remain property of the Contracting Authority. However, during the course of the performance of this contract the goods procured will be utilized for the strict purpose of the performance of the financing agreement. Procurement shall be carried out according to a schedule to be agreed on between the technical assistant, the OAU/IBAR and the EC, and the EDF procurement procedures will be followed.

TERMS OF REFERENCE: TA TO PACE ETHIOPIA

Post:
The Animal Disease Control Specialist (ADCS)/Epidemiologist (TA) will be based in the PACE National Co-ordination Office, located in the Veterinary Services Team of the Animal and Fisheries Resources Development and Regulatory Department of the Ministry of Agriculture, Addis Abeba, Ethiopia.

The Animal Disease Control Specialist (ADCS)/Epidemiologist would assist the PACE National Coordinator and the Veterinary Service Team Leader in the consolidation of active disease surveillance and emergency preparedness capabilities and the improvement of the veterinary service efficiency. He/she will assist the project implementation as scheduled and will routinely evaluate, through regular selected missions, activities being carried out in the field. He/she will assist the overall management and outputs of the PACE epidemiology component, which includes all OIE list-A diseases. He/she will assist the veterinary epidemiologist with an accurate assessment of the current situation regarding priority epidemic diseases of livestock, including rinderpest and CBPP. He/she will be a member of the PACE project steering committee and the national veterinary privatization management. He/she will assist the veterinary services to establish improved accessibility of farmers to veterinary services, by stimulating the privatization process and by incorporating and legalizing community animal health and by establishing coherent links between the public services and these private operators. The ADCS being accountable to the PACE National Coordinator and working in close cooperation with the veterinary service team and other relevant projects, he/she will:

1. Advise on the efficient management of the project's EDF funds.

2. Assist to eradicate rinderpest if it were introduced by further developing and improving the existing contingency plan, field-testing, training and advice.

3. Assist in providing training in the clinical recognition of rinderpest, correct disease reporting procedures, correct specimen collection, storage and dispatch, to all levels of animal health workers.

4. Assist in the development of a sampling frame and the establishment of a (first stage sampling) database for random sample surveys. Provide training on how to perform the second stage sampling in the field.

5. Facilitate and assist in the follow-up investigation of all stomatitis-enteritis cases (suspect cases of rinderpest), including the submission of appropriate samples to national, regional and/or world reference laboratories.

6. Assist in the development of functioning epidemio-surveillance units for priority epidemic diseases of livestock, to carry out both field and laboratory based activities.

7. Assist in the introduction of main techniques used in the epidemiosurveillance of priority epizootic diseases through training in clinical recognition, specimen collection and laboratory diagnosis, serological tests, clinical surveillance techniques, the use of questionnaires, and computer based epidemiological techniques including database management.

8. Assist as necessary the follow up of reviews and enactment of legislation and regulations related to veterinary practice by professionals, technicians and auxiliaries in the public and private sectors.

9. In close consultation with the PACE Common Services Units, develop, and establish practical, effective and efficient systems for monitoring the performance of contracts between government veterinary departments and private veterinary contractors.

10. Assist in developing mechanisms to incorporate Community Animal Health programmes implemented by various NGOs into the national passive and active animal disease reporting system.

11. Assist in drafting a national, economically sound CBPP control strategy.

12. Assist the further development and implementation of a monitoring system for disease surveillance activities based performance indicators.

13. Assist in the development of a system for livestock movement control based on stock movement permits.

14. Set up a system to continuously monitor the movement of transhumant and trade cattle through and within the country in order to develop a more accurate overview of cattle movements

15. Develop links with epidemiological and related animal health components in other projects and with Regional and International bodies.

16. Prepare a progress report every six months and a terminal report and any review progress reports that may be required.

17. Perform any other tasks duly defined and mutually agreed upon during the implementation of the PACE project in relation with EDF funded components of the PACE project.

Specific qualifications:

- Good knowledge of the current epidemic disease situation in Africa and experience in the control of rinderpest and CBPP, would provide a distinct advantage.
- He/she should have experience in the design and implementation of large-scale disease control programmes (including disease surveillance and maintenance of an epidemiological database) and project management.

TERMS OF REFERENCE: TA to PACE KENYA

Post

The Technical Assistant to PACE Kenya will be based in the PACE Kenya National Co-ordination Office, within the Department of Veterinary Services, Veterinary Research Laboratories Kabete, of the Ministry of Agriculture and Rural Development, Nairobi, Kenya. The title of the post is Animal Disease Control Specialist.

The TA will have an advisory role to the project, which will be administrative as well as technical. S/he will assist the National PACE Co-ordination Unit in the management and implementation of the project as defined in the Global Plan. Administrative duties will emphasize the establishment of a management system, monitoring and reporting (to national authorities, the PACE Programme and OAU/IBAR). The result areas defined in the global plan will determine the TA's technical duties.

The TA's roles and functions with regard to management will be viewed in the context of those of the National Co-ordination Unit. A reference document defining these roles will be developed and approved by all parties within one month of the TA's arrival in post. This official document will be used to measure the performance of the TA and other PACE-Kenya staff regarding the project management. The project's annual work programmes and cost estimates will be used as a basis for the evaluation of technical performance.

The Animal Disease Control Specialist will be directly answerable to PACE Kenya National Co-ordinator but s/he will work in close collaboration with the DVS, CVFO or CVIO at times. S/he will assist the PACE Kenya National Coordinator in the overall management, direction and consolidation of PACE activities. S/he will assist in the project implementation as scheduled and will routinely monitor and evaluate through regular selected missions, the activities being carried out in the field. The Animal Disease Control Specialist will play a pivotal role in establishment and making operational active disease surveillance and emergency preparedness capacities. The specialist will assist the project epidemiologist in the overall management and outputs of the epidemiology and economics unit including diagnosis. S/he will assist the project epidemiologist in disease situation assessment and planning for priority disease among them rinderpest, CBPP and FMD.

Specific duties and responsibilities

1. Assist the PACE National Coordinator in the implementation of all aspects of the project including management, field investigations, report preparation and management of the databases.
2. Assist in the management and implementation of the project as defined in the global plan.
3. Assist in the eradication of RP in accordance with OIE pathway
4. Assist in the development and implementation of emergency preparedness plans for rinderpest and other epizootics.
5. Assist in the development of disease surveillance formats and establishment of databases and in the provision of training thereof.

6. Assist in reviewing performance indicators for RP and other disease eradication, while at the same time ensuring that the set standards are met.
7. Assist in establishment and implementation of the National surveillance and epidemiological system.
8. Assist in carrying out training needs assessment and actively participates in the project's training activities.
9. Assist in the development of the institutional capacity to perform economic impact assessment of animal diseases and their control.
10. Assist to develop links with epidemiological and related animal health components in other projects and with regional and international bodies.
11. Assist in developing mechanisms to incorporate herders, CAHWs, NGOs and private veterinarians into the national passive and active animal disease reporting system.
12. Assist in drafting national, economically sound control strategies for priority disease starting with CBPP and FMD.
13. Assist in the preparation of project reports on a quarterly basis and a terminal one and any progress review reports as may be required.
14. Assist in liaising with the Delegation of the EC in Kenya.
15. Organize the procurement of equipment, supplies and services for the project, in accordance with EDF procedures.
16. Advise on the efficient management of the project's EDF funds.
17. Perform any other duties assigned by the Steering Committee of PACE Kenya.
18. Assist in project monitoring and evaluation.
19. Be a member of PACE Kenya steering committee.

Specific qualifications and experience

In addition to the profile stated in Annex A the preferred candidate should preferably have:

- Experience in the design and implementation of disease surveillance and epidemiological database.
- Proficiency in English is essential, while working knowledge of Kiswahili would be advantageous.

Good interpersonal and communication skills are essential.

TERMS OF REFERENCE: TA FOR THE PROJECT MANAGEMENT UNIT IN SUDAN

1. Duty station

The consultant's staff will be based at the National PACE Co-ordination Unit, located in the Department of Animal Health & Epizootic Disease Control (AH&EDC) in Khartoum.

The staff will establish and maintain a Project Management Unit (PMU) as defined in the EC's "*Practical Guide for Decentralized Project Management*" (Brussels, March 1998). They will comprise long-term and short-term staff. The long-term staff will include the head of the PMU and a locally recruited, qualified accountant. The consultant will provide short-term experts to support the PMU, as necessary.

2. Duties of the Head of the PMU

2.1 Management

The TA appointed to head the Project Management Unit (PMU) will have an advisory role to the project. S/he will assist the National PACE Co-ordinator in the planning, management and implementation of the project as defined in the Global Plan, and will advise the PACE Programme Co-ordinator on the project's progress.

S/he will manage the PMU and all EDF funds allocated for the project in full compliance with EDF procedures, and will account to the PACE Financial Controller for all expenditure in a timely manner. The PMU Accountant will assist her/him.

S/he will develop and apply an appropriate management system[3], including monitoring and reporting (to national authorities, the project and OAU/IBAR). The result areas as defined in the project's Global Plan and the activities specified in the approved work programmes will determine the day to day duties of the TA who will work in synergy with the national PACE co-ordinator.

2.2 Preparation of annual work programmes and cost estimates

The project's annual work programmes and cost estimates (AWP&CEs) will be developed by the head of the PMU in close consultation with the national PACE co-ordinator, the Sudanese authorities and the Rinderpest Eradication Co-ordination Group.

The TA will assist with team meetings to prepare AWP&CEs using the PACE programme's standard formats. S/he will ensure that the standard PACE formats and guidelines related to planning, implementation, monitoring are followed correctly.

2.3 Expenditure, accounting and financial analysis

Expenditure will be incurred in Sudan and abroad. The TA will manage the project's bank account(s) and will make all necessary payments to the staff and contractors engaged by the project, in accordance with EDF procedures and the approved work programmes and cost estimates. All necessary payments will be made in the appropriate currencies, in a timely manner and in accordance with the approved work programme. The consultant will make payments in foreign currency, as necessary.

The TA will analyze expenditure and will ensure that it is within the limits of and in

[3] The PACE Programme Co-ordination Unit will provide guidelines for project management

accordance with the approved budget. S/he will use the PACE Programme's standard reporting formats to produce quarterly financing reports to summarize the project's financial status.

S/he will facilitate the internal audits that the PACE Financial Controller may conduct from time to time and external audits that may be conducted.

A locally recruited Accountant will report directly to the head of the PMU and will fulfil the duties assigned to her/him by the consultant and the TA.

2.4 Establishment of contracts for services and supplies in accordance with the EDF procedures

On behalf of the national PACE Co-ordinator and in close collaboration with the PACE Programme Co-ordination Unit and the Common Services Units, the TA will assist the identification of suitable contractors, support the project in preparing various administrative documents such as invitations to tender for purchasing materials and will oversee the management of all such contracts that are concluded in the framework of the project.

2.5 Support for field operations

The TA will visit to field-based teams, operational areas and laboratories to assess their needs and monitor their performance.

S/he will make appropriate recommendations to overcome the identified constraints and assist in their implementation.

S/he will provide immediate advice and field level assistance in the implementation and monitoring of contracts, participate in PACE Regional co-ordination meetings and other PACE meetings and workshops, subject to the prior approval of the PACE Programme Co-ordinator.

2.6 Technical duties

The TA will undertake technical duties assigned to him/her in accordance with the approved work programmes, and the decisions of the Rinderpest Eradication Co-ordination Group. S/he will assist in the monitoring of the project's implementation and in the preparation of technical documents, in close collaboration with the PACE Common Services Units.

2.7 Liaison and reporting

The TA will report to the National Authorizing Officer (NAO) and the Head of the Delegation of the European Commission in Sudan on the financial progress of the project. S/he will present these together with brief technical reports on the project's technical status. All reports will be copied to the PACE Programme Co-ordinator and the Lead Delegation of the European Commission in Kenya.

S/he will participate in the meetings of the Rinderpest Eradication Co-ordination Group, of which the NAO will be a member, and will present brief updates on the project's financial and administrative status. S/he will participate in PACE meetings in the region, as requested by the PACE Programme Co-ordinator.

S/he will assist the collation of accurate and appropriate information required by the National PACE Co-ordinator and will ensure that quarterly, annual, mission and other reports are presented in the PACE Programme's approved format to the PACE Programme Co-ordinator and the Lead Delegation of the EC in Kenya. These will

provide the basis for the continued release of project funds and, consequently, for continued project implementation.

3. Qualities and qualifications

(a) *The long-term Technical Assistant* (TA) will:

3.3.1 be a graduate in veterinary medicine from a recognized university or in another relevant discipline, also from a recognized university;

3.3.2 have extensive experience of the management of development projects;

3.3.3 have a minimum of 15 years experience, of which a minimum of 7 years experience will have been either in sub-Saharan Africa, or a combined experience of at least 8 years in sub-Saharan Africa and countries in northern Africa and/or the Middle East;

3.3.4 have proven extensive experience of the management of projects, including participatory planning (based on project cycle management), implementation, monitoring and reporting;

3.3.5 have proven experience of financial management, using EDF procedures – including budgeting, accounting and reporting;

3.3.6 preferably have experience of the control of epizootics and the OIE pathway for the declaration of freedom from rinderpest, and livestock development in pastoral and remote or insecure areas;

3.3.7 be computer literate (word processing, spreadsheets and internet usage) and will preferably have experience of computerized office systems;

3.3.8 have a good understanding of data management; and,

3.3.9 be fluent in English: knowledge of Arabic and French would be a distinct advantage.

(b) *Accountant*

A professionally qualified, suitably experienced Accountant will be employed by the consultant and will be locally recruited.

TERMS OF REFERENCE: TA TO PACE UGANDA

Post

The Technical Assistant to PACE Uganda will be based in the National PACE Co-ordination Unit, located in the Department of Veterinary Services, Ministry of Agriculture, Animal Industry and Fisheries, Entebbe, Uganda.

The TA will have an advisory role to the project, which will be administrative as well as technical. S/he will assist the National PACE Co-ordination Unit in the management and implementation of the project as defined in the Global Plan. Administrative duties will emphasize the establishment of a management system, monitoring and reporting (to national authorities, the PACE Programme and OAU/IBAR). The result areas defined in the global plan will determine the TA's technical duties.

The TA's roles and functions with regard to management will be viewed in the context of those of the National Co-ordination Unit. A reference document defining these roles will be developed and approved by all parties within one month of the TA's arrival in post. This official document will be used to measure the performance of the TA and other PACE-Uganda staff regarding the project management. The project's annual work programmes and cost estimates will be used as a basis for the evaluation of technical performance.

1. Financial and administrative management

In addition to the general duties outlined in Annex A, the TA for PACE Uganda will be involved in the financial and administrative aspects of the project work programmes. S/he will be one of the project's imprest account holders and will assist in ensuring the proper use of and accounting for all EDF funds allocated for the project, in full compliance with EDF procedures.

The TA will analyze expenditure and will ensure that it is within the limits of and in accordance with the approved budget. The TA will assist the timely preparation of accounts for submission to the PACE Financial Controller.

S/he will use the PACE Programme's standard reporting formats to assist in the production of quarterly financing reports to summarize the project's financial status and will facilitate the internal audits that the PACE Financial Controller may conduct from time to time.

Since many activities have been decentralized in Uganda and will be carried out by the District Veterinary Officers, the TA will devise and negotiate agreement with the MAAIF of a practical system to ensure that funds sent to the Districts can be accounted for. This system will accommodate a revolving fund system (including its auditing) related particularly to the sale and purchase of CBPP vaccine, and will take into consideration the recommendations of the evaluation report of PARC Uganda.

The TA will assist the National PACE Co-ordinator in the planning, management and implementation of the project as defined in the Global Plan.

S/he will develop and transfer appropriate administrative and management systems, including monitoring and reporting (to national authorities, the project and OAU/IBAR). (The PACE Programme Co-ordination Unit will provide guidelines for project management).

2. Preparation of annual work programmes and cost estimates

The project's annual work programmes and cost estimates (AWP&CEs) will be jointly developed by the National PACE Co-ordinator and the TA within the limits of the indicative funds allocated, in close consultation with the PACE Programme's Common Services, and will be submitted to the PACE Programme Co-ordination Unit for approval.

The TA will assist with team meetings to prepare AWP&CEs using the PACE programme's standard formats. S/he will ensure that the standard PACE formats and guidelines related to planning, implementation, monitoring are followed correctly.

3. Establishment of contracts for services and supplies in accordance with EDF procedures

On behalf of the national PACE co-ordinator, the TA will assist the identification of suitable contractors, support the project in preparing various administrative documents - such as invitations to tender for purchasing materials - and will oversee the management of all such contracts that are concluded in the framework of the project.

4. Support for field operations and technical duties

The result areas defined in the project's approved work programme's will determine the TA's technical duties. The TA will make field visits to operational areas and laboratories to assess their needs, monitor their performance and to give general support as required.

S/he will make appropriate recommendations to overcome the identified constraints and assist in their implementation.

The TA will advise on the submission of appropriate samples of standard quality to appropriate laboratories.

S/he will provide immediate advice and field level assistance in the implementation and monitoring of contracts, participate in PACE Regional co-ordination meetings and other PACE meetings and workshops, subject to the prior approval of the PACE Programme Co-ordinator.

5. Liaison and reporting

The TA will report through the national PACE Co-ordinator to the National Authorizing Officer (NAO) and the Head of the Delegation of the European Commission in Uganda on the financial progress of the project.

S/he will participate in the meetings of the PACE Uganda Steering Committee and other PACE meetings and workshops. In the case of regional PACE meetings and workshops, the prior approval of the PACE Programme Co-ordinator will be required.

S/he will assist the collation of accurate and appropriate information required by the National PACE Co-ordinator and will ensure that quarterly, annual, mission and other reports are presented in the PACE Programme's approved format. These will provide the basis for the continued release of project funds.

TERMS OF REFERENCE: TA TO PACE TANZANIA

Post

The PACE-Tanzania Technical Assistant will be based in the National PACE Co-ordination Unit, located in the Department of Veterinary Services in Temeke, Dar es Salaam.

The TA will have an advisory role to the project, which will be administrative as well as technical. S/he will assist the National PACE Co-ordination Unit in the management and implementation of the project as defined in the Global Plan. Administrative duties will emphasize the establishment of a management system, monitoring and reporting (to national authorities, the project and OAU/IBAR). The result areas as defined in the global plan will determine the TA's technical duties.

The TA's roles and functions with regard to management will be viewed in the context of those of the National Co-ordination Unit. A reference document defining these roles will be developed and approved by all parties within one month of the TA's arrival in post. This official document will be used to measure the performance of the TA and other PACE-Tanzania staff regarding the project management. The project's annual work programmes and cost estimates will be used as a basis for the evaluation of technical performance.

In addition to the general duties outlined in Annex A, the TA for PACE-Tanzania will:

- Assist in the management and implementation of the project as defined in the global plan.
- Advise on the efficient management of the project's EDF funds.
- Assist as necessary the follow up of reviews and enactment of legislation and regulations related to veterinary practice by professionals, technicians and auxiliaries in the public and private sectors.
- In close consultation with the PACE Common Services Unit, develop, and establish practical, effective and efficient systems for monitoring the performance of contracts between government veterinary departments and private veterinary contractors.

1. **Management**

   Result areas as defined in the project's Global Plan will determine the TA's technical duties.

2. **Preparation of annual work programmes and cost estimates**

   The project's annual work programmes and cost estimates (AWP&CEs) will be developed by the National PACE Co-ordinator and the PMU within the limits of the indicative funds allocated, in close consultation with the PACE Programme's Common Services, and will be submitted to the PACE Programme Co-ordination Unit for approval.

   The TA will assist with team meetings to prepare AWP&CEs using the PACE programme's standard formats. S/he will ensure that the standard PACE formats and guidelines related to planning, implementation, monitoring are followed correctly.

   Each approved AWP&CE will then be the subject of an Administrative Order issued by the Contracting Authority (the Regional Authorizing Officer of the EDF for the PACE Programme).

3. Accounting and financial analysis

The TA will analyze expenditure and will ensure that it is within the limits of and in accordance with the approved budget.

S/he will use the PACE Programme's standard reporting formats to produce quarterly financing reports to summarize the project's financial status.

4. Management of the imprest account

The TA will manage the imprest account's bank account and will make all necessary payments to the listed staff and contractors engaged by the project, in accordance with EDF procedures.

S/he will facilitate the internal audits that the PACE Financial Controller may conduct from time to time.

5. Establishment of contracts for services and supplies in accordance with the EDF procedures

On behalf of the national PACE Co-ordinator, the TA will assist the identification of suitable contractors, support the project in preparing various administrative documents such as invitations to tender for purchasing materials and will oversee the management of all such contracts that are concluded in the framework of the project.

6. Support for field operations

The TA will make field visits to field teams, operational areas and laboratories to assess their needs and monitor their performance.

S/he will make appropriate recommendations to overcome the identified constraints and assist in their implementation.

S/he will provide immediate advice and field level assistance in the implementation and monitoring of contracts, participate in PACE Regional co-ordination meetings and other PACE meetings and workshops, subject to the prior approval of the PACE Programme Co-ordinator.

7. Liaison and reporting

The TA will report to the National Authorizing Officer (NAO) and the Head of the Delegation of the European Commission in Tanzania the financial progress of the project.

S/he will participate in the meetings of the Rinderpest Eradication Co-ordination Group, of which the NAO will be a member, and will present brief updates on the project's financial and administrative status.

S/he will assist the collation of accurate and appropriate information required by the National PACE Co-ordinator and will ensure that quarterly, annual, mission and other reports are presented in the PACE Programme's approved format. These will provide the basis for the continued release of project funds.

Annex B to the Draft Contract

Organization – Methods – Work Plan

1. Introduction

Tender Presentation

In developing this proposal the Consultant[1] has been guided by the preference as expressed in the tender instructions to limit the size of the submission to total of 150 pages. In response, much emphasis has been placed on summarizing Curricula Vitae and on including reduced-size scanned diplomas and certificates. In addition, company information including references has been limited to a five page presentation. Similarly the content of these pages (Annex B) is necessarily a summary of the approach details of the work. The Consultant assumes that the efforts to "keep things short" will not lead to a lower evaluation result for lack of detail.

Site Orientation

In this case, with 32 countries forming the "site" for the Technical Assistance (TA) inputs, the Consultant based its orientation on the visits / presence of many of its staff and associates in the relevant countries and the intimate knowledge of some of our key staff with the PACE programme. During the past years the Consultant has fielded expertise to most countries mentioned

2. Suggestions and Remarks on the Terms of Reference

The Consultant has studied the Terms of Reference (ToR) in detail and found them clear and concise.

Suggestion on Long-Term Technical Assistance in East Africa

It is understood that the role of the long-term TA is importantly an administrative one, besides the provision of subject matter related professional advice that is required. The Consultant has carefully selected the expertise that would fit such a combination of tasks.

Nevertheless, a comment is that it would certainly be beneficial for the programme for the role of the national consultants not necessarily to be restricted to the national level and if some of the short term consultancies could be incorporated in the ToR of the national consultants in particular for the neighbouring countries. For instance, in the development of surveillance strategies it will be essential that these are harmonized between Kenya, Uganda and Tanzania. The same would apply for reporting and (laboratory) testing strategies since it will be important that the data from individual countries become comparable. Consequently, national TA may be involved in "transboundary" advisory activities in East Africa, to some degree comparable with the Technical Assistance inputs foreseen in West and Central Africa.

Remark on Time spent by Regional Technical Assistance in Non-residence Countries in West Africa

There seems to be a discrepancy between the indications given in the ToR and the figure indicated in the Budget on the number of days to be spent in countries in the work region other than the country of temporary residence. In the ToR, chapter 6.1 (page 17) the number is given as 100 days of regional travel per year by regional TA. In Annex E the number is given as 150 days per year. In the budget as presented separately the number of days in Annex E is used.

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[1] In the terminology in the text of this proposal the word "Consultant" is used to define RDP Livestock Services in association with Cie Jules van Lancker, PAN Livestock Services Ltd and Avia-GIS bvba. Furthermore, RDP has very recently also registered as RDP International BV, however the company continues to trade under the name of RDP Livestock Services.

Remark on Provision of Transport for Short-Term Technical Assistance

It is understood that the respective National PACE projects will provide project transport with driver to PACE related field missions by short term TAs, only for travel outside the national capital.

3. Methodology and Approach

The beneficiaries of this programme will be those in Africa who directly or indirectly rely on livestock to support their livelihoods. The methodology and approach is designed with the overall objective of achieving poverty reduction, enhanced food security and reduced risk of disastrous impact on livelihoods caused by outbreaks of epidemic disease in livestock.

The role of the TA in the PACE programme will be to:

- Support project management to enable the project to reach its technical goals
- Facilitate the development of national systems of disease surveillance, epidemiological analysis and disease control that are tailored to local needs, yet are fully compatible with international standards and formats
- Help formulate national and regional **contingency plans** and **emergency preparedness** to efficiently and quickly control epidemics of transboundary diseases of livestock that may occur.

The PACE programme emphasises epidemiology and communication skills and the TA personnel must have strong credentials in **epidemiology** and a proven ability to establish an environment that facilitates communication. Expertise in **participatory epidemiology**, **data analysis**, **statistics**, **geographic information systems** and **risk analysis** will be needed. The TA will be conversant with these methods and, through a team approach, make available the expertise to backstop specialised epidemiological undertakings as well as seek appropriate assistance from the PACE Common Services staff. The TA will fully co-ordinate with OAU/IBAR and make use of the skills and experience which this organisation can offer in the fields of **veterinary epidemiology** and **livestock economics**, **community based animal health delivery**, animal health **data management** and appropriate **veterinary legislation**.

Surveillance, data collection and analysis

Implementation of the PACE programme will involve passive and active animal health surveillance, data analysis and decision support to enable more effective disease detection, management and control at national and regional levels. The programme will cover all of the wide range of livestock production systems encountered in the 32 sub-Saharan countries in which PACE will operate, including those utilising ruminants, pigs, poultry, camels and equines. The TA will pursue the establishment and consolidation of national epidemio-surveillance networks.

An important role of the TA is to assist national authorities to develop achievable and realistic plans that are sufficient to meet current animal health information standards butare not so technologically complex as to lack feasibility given the available resource and skills base. Finally, analytical and data management activities must remain integrated with the socio-economic realities that determine data availability. In this regard, the TA will also encourage the use of participatory epidemiology methods as a cost-effective means of collecting epidemiological intelligence and surveillance information within a realistic time frame.

Livestock production, trade and livelihoods

Successful implementation will result in improved livestock health and production that will allow increased off-take for sale and local consumption. PACE also seeks to increase the value and profitability of the national herds by increasing access to regional and world markets where livestock and livestock products enjoy higher prices. These approaches should improve the livelihoods of all of those who rely on livestock for subsistence and profit in the countries where PACE operates.

Participation in international livestock trade now requires a realistic description of the national animal health situation and assurance on the capacity of a veterinary service to respond to disease outbreak events. Countries claiming negligible risk for specific diseases are usually required to provide objective and verifiable data that support their claims. The TA component of PACE will address these requirements.

Project management

Good project management, which involves work plan preparation, procurement, project implementation and reporting, is a prerequisite for successful technical activities. In order to achieve good project management the TA will need to:

1. Facilitate communication between the project partners, both nationally and internationally
2. Insure that suitable work plans incorporate the needs of all major stakeholders, including a broad range of livestock owners as well as professional and community-based service providers
3. Facilitate the execution of the work plan, the disbursement of funds and assist with procurement of goods and services according to EC procedures, both locally and internationally
4. Provide training or secure appropriate local expertise to ensure adequate procurement practices, financial management and reporting of the work programme disbursements
5. Facilitate the development of managerial and technical training programmes according to EU procedures
6. Ensure the collection of data on project indicators, as established by the **logical framework**, and interact with project partners to facilitate project monitoring
7. Establish and implement a reporting system which meets national, international and project requirements.

Participatory methodologies

At the technical level, the TA will employ participatory methods to ensure that the national disease information systems and disease control strategies blend local priorities, regional programmes and international standards, into one coherent and achievable national programme. The use of participatory methods is essential to ensure that recognised methods that meet international standards are fully debated and adopted by all project partners and incorporated into policy statements. This will allow effective dialogue between veterinary services, private service providers, industry and representatives of traditional sectors. It will be achieved by the introduction and management of national and local workshops that include representation by all stakeholders. The results of consultation and dialogue should be institutionalised through the creation of animal health advisory boards or commissions that bring together stakeholders on a regular basis.

The overall technical function of the TA will be to communicate a vision for the animal health community that fosters a common interest in building a robust animal health sector where the various stakeholders are enabled to make the most appropriate and effective contribution possible. This vision will incorporate a science-based veterinary service with strong regulatory and

epidemiological capacities that is sensitive to the cultural and socio-political issues. An important role of the TA in this context is to inform the national stakeholders regarding international standards and the regional methodologies developed by PACE.

Animal health delivery and disease surveillance through privatisation and community-based activities

Results from PARC have shown that complementary programmes of services contracted to the private sector and community-based activities, all under the regulation of an effective national veterinary service, offer the greatest potential for sustainable service delivery to rural areas. The TA will continue to utilise methods of cost recovery, privatisation and community based animal health delivery introduced by PARC in order to guarantee sustainability of the animal health services developed. In addition, in PACE, the TA will act as a catalyst for continued experimentation with new service delivery options and cost-effective measures to monitor the performance of alternative methods.

The TA will be active in assisting national authorities and the private and community-based sectors to develop complementary systems of animal health delivery that meet the needs of both intensive and extensive production systems. The remoteness of many pastoral areas and the flexible movement strategy that is the basis of the success of pastoral systems has resulted in a service gap relative to the fixed-point delivery methods employed in most countries. The paucity of services and high animal contact rates in pastoral areas are risk factors for OIE List A infectious diseases. This implies that service delivery and surveillance solutions for pastoral communities are a priority for PACE and national animal health programmes.

Wildlife

The TA will intensify activities in those parts of sub-Saharan Africa where hostile environment and insecurity threaten animal productivity and food security, and where livestock interact with wildlife: these areas are also important refuges for List A diseases which can affect rural livelihoods and threaten adjoining regions with epidemics of disease.

Attention will be given to surveillance of wildlife to clarify the role that some species of wildlife may have in the maintenance of important diseases of livestock.

Diagnostics

The TA will assist in the introduction to the field of novel vaccines, drugs and diagnostic methods. Improved diagnostic methods using modern technology will be evaluated for introduction to regional, national and field diagnostic laboratories. In addition, introduction, validation and assessment of appropriate "pen-side" diagnostic tests will be undertaken. These should facilitate early diagnosis and empower and encourage field workers to undertake active surveillance. The information and reporting systems they will help to develop will enable the development of appropriate early warning systems and emergency preparedness plans for animal diseases.

Rinderpest eradication and the OIE Pathway

With regard to the goal of rinderpest eradication, active and passive surveillance systems will be introduced and supported. In particular, active surveillance programmes will be formulated to seek

out any remaining rinderpest lineage 1 in southern Sudan and lineage 2 will be targeted through classical surveillance programmes and through participatory approaches in northern Kenya and southern Somalia.

The OIE Pathway will provide the guidelines for development of surveillance and performance indicators will be used to measure its efficiency. These indicators will be finalised byinternational consultation and will provide a standardised disease information and communication system which will allow regional and international dialogue on aims and achievements. The TA will assist authorities to compile the information it derives onrinderpest into comprehensive epidemiological dossiers. These will be utilised to design national control strategies tailored to the population structure and risk elements inherent in the national herd. Where information supports freedom from disease or infection, dossiers will be utilised to support decisions regarding the cessation of vaccination, future surveillance needs and application to the OIE for recognition of freedom from rinderpest disease or infection.

CBPP

Particular attention will be paid to the impact of CBPP on cattle populations and the livelihoods of their owners and on strategies to control the disease. The ongoing modelling activities will support the decision making to arrive at realistic interventions.

Economics and socio-economics

The broader mandate of PACE to develop control strategies for OIE List A diseases will require the TA to assist national authorities in the formulation of epidemiological and economic best-bet scenarios based upon disease reporting information, available intelligence derived from active surveillance, and expert opinion. S/he will need to include in his/her analysis an appreciation of the socio-economic impact of disease and the economic implications, both of a disease, and also different control options, at micro and macro level. This information will be used in national policy formulation and to assist regional efforts of PACE to design effective and feasible policies regarding the monitoring or control of OIE List A diseases.

Training

Efficient project management and planning strategies must be established at the outset to accomplish this ambitious programme. The TA will play a major role in designing and implementing **training programmes** to provide the local human resources in each country to implement PACE and ensure the continuity of its developments after the end of the project. An important starting point will be to make an inventory of existing skills at the national level and identification of training and local sub-contracting needs in regard to project management and technical activities. This will facilitate the rapid development of expertise, delegation of tasks and devolution of initiative that must occur as part of the successful implementation of the PACE Project. The TA's essential role will be to provide leadership and vision that motivates project partners and channels efforts towards the successful, verifiable completion of project goals.

At the end of the project, each TA should leave in place:

- a sustainable animal disease **reporting system** incorporating the use of **geographic information systems** which provides effective **data analysis**;
- appropriate **veterinary legislation**;

- suitably trained staff who can undertake **risk analysis** to an appropriate level of complexityand provide **early warning** of animal health emergencies;

- effective **contingency** and **emergency preparedness** plans and strategies to control transboundary animal disease.

4. Organization and Management

Implementation – Work Plan and Logistics

It has not been considered opportune to provide a detailed schedule for the implementation of this contract, as experience with the implementation of similar activities has taught the Consultant that the actual scheduling starts when the TA is in place. In this respect, the Consultant must also take into consideration the delays that have been experienced in the actual start of the TA inputs; original planning foresaw TA staff in place at least one year ago if not earlier. Different countries are at different stages of implementation of their respective National PACE activities have started.

The Consultant is able to assure the Supervisor that at the time of long-term TA's arrival in the country of assignment full-time transport is available. It is also expected that the Consultant has its own 4WD car as well as the relevant office equipment (computer, scanner, printer, copier, fax, mobile tel.) purchased within one week of arrival at the duty station. The Consultant maintains operational offices in Dar es Salaam and Addis Ababa and has made arrangements to mobilize office space elsewhere in case the positioning of the TA is required outside existing PACE offices.

In consultation with the respective National Authorities, the relevant Regional Co-ordination Unit, the PACE Common Services and the PACE Co-ordinator, the respective long-term TA will immediately upon the start of the assignments review critical inputs and considerations in the implementation in the ongoing respective work programmes, if any.

Within four weeks after arrival, each long-term TA will provide a work plan proposal for his activities, that takes into account the result of the above consultations.

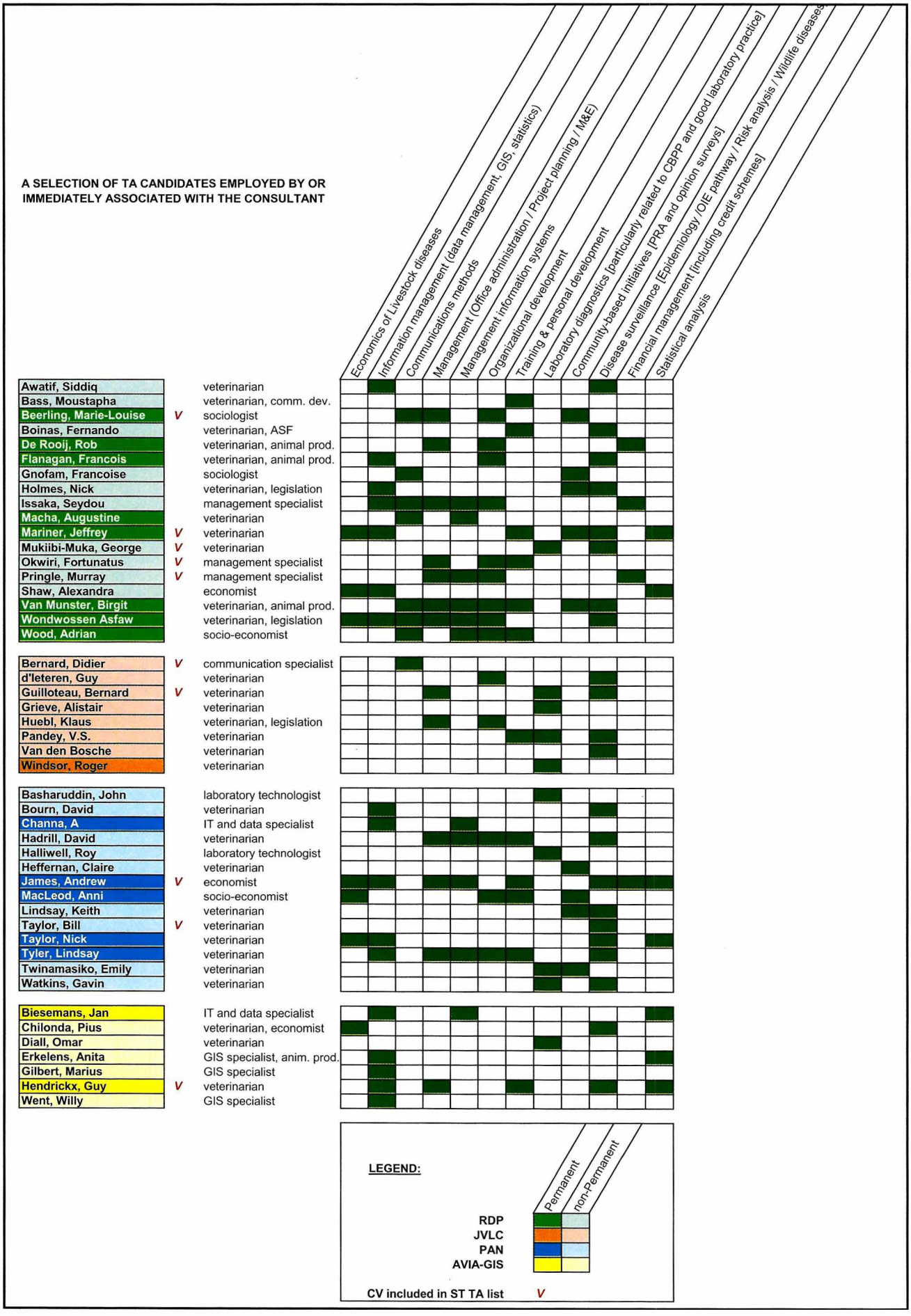
Of immediate importance also is the mobilization of the Project Management Unit in Sudan. Much emphasis at the earliest opportunity is to be given by the Consultant's staff, both long-term international and national TA as well through own resource backstopping to support the implementation of the so-called sub-project through the budget of the Consultant. The Consultant has the necessary cash resources available to guarantee the immediate implementation of relevant sub-project contracts.

Staff Resources and Sub-contractors

The Consultant presents the TA candidates in Annex C.

The Consultant has available, through permanent staff as well as through close associates, a large body of staff. Different from other companies, the Consultant has in-house expertise on its pay rolls that is at any time available for long-term assignments (in addition to the ten TA candidates presented in Annex C), short-term missions and regular support. In the table below one finds a selection of this body of expertise. It does not include the separate long-term TA candidates who are part of this proposal.

A SELECTION OF TA CANDIDATES EMPLOYED BY OR IMMEDIATELY ASSOCIATED WITH THE CONSULTANT



In this respect it has been decided that the Consultant does not need sub-contractors for the implementation of this contract.

The Consultant, following the earlier suggestion made above, would again stress the importance to mobilize, when deemed vital for the progress to be achieved and subject to formal approval, the various long-term TAs in activities that may mean immediate short-term support to activities in countries in the region. This kind of support may then be limited to a few days and be done from a distance rather than the "normal" short-term missions that are estimated to last a number of weeks.

Contract Co-ordination

The PACE Co-ordinator, the Common PACE Services, the Regional Co-ordination Units and the relevant National Authorities will be in charge of the overall and separate PACE components.

For the purpose of communication with the Supervisor and other parties, the Contract Director at the Consultant's office in The Netherlands is Dr Rob de Rooij, a veterinarian and programme manager with considerable experience in animal health matters and project administration in Africa.

The on-site contact person on contractual matters for the Supervisor on behalf of the Consultant is Dr Tony Wilsmore, long-term TA candidate for Kenya. If deemed necessary, and based on the eventual posting of long-term TA to West Africa, the arrangement may be adjusted accordingly.

Monitoring

Monitoring of the contract's progress deserves special attention because of the complexity of the programme (activities of diverse nature) and also because the activities are part of the larger regional interventions.

The basic principles of the monitoring system will be designed in collaboration with the Regional Co-ordinating Units and the PACE Common Services to assure harmonization and hence increase the efficiency of programme implementation at regional level.

Monitoring has to be relevant, pertinent to the project's objectives, and functional. The indicators to be used must therefore be directly related to the project's objectives, but the choice of indicators should also be supported by all the parties involved in the project, so as to avoid the monitoring to become a paper exercise. Monitoring is an important part of the participatory planning process, and that monitoring procedures and monitoring indicators are matters to be decided on the basis of consensus.

Reporting

The PACE Regional Co-ordination Units in Nairobi and Bamako will co-ordinate the activities of the long-term and short-term TAs. The PACE Common Services and Regional Co-ordination Units will monitor the performance. Chapter 6.4 of the ToR provides detailed information on the periodic reporting procedures within the TA contract; a six-monthly and an annual report are to be submitted. Long-term TA will need to produce regular reports on their activities in the respective countries of assignment, the nature, frequency and distribution being subject to Service Orders by the Supervisor of the contract, i.e. the PACE Co-ordinator. Short-term TA will provide mission reports.

Separate technical reports will be produced in consultation with the parties and the authorities as and when required.

Guarantee and Limits

The Consultant, is confident that it can guarantee the services it proposes to provide since the partners, RDP Livestock Services, Company Jules van Lancker, PAN Livestock Services and Avia-GIS are among very few companies that specialize in all aspects of the animal disease control. Permanent staff of these companies have been and are in the forefront of developments in animal health in Africa, and have been instrumental in the human resource development activities of regional and national expertise. In addition, much of the work has been and is being done in the framework of EDF and other EU funded contracts and the Consultant company and its staff have much experience of the relevant administrative rules and procedures. When considering the staff resources available from the group of companies, RDP and its partners are to be considered a unique body of expertise to support the implementation of PACE, and provide inputs where required. In this respect it has been decided that sub-contractors are not required for the implementation of this contract.

RDP Livestock Services as leading partner guarantees the availability of the international expertise as indicated. They have not issued declarations of availability for any of the other components of the programme.

The immediate support staff comprises senior consultants with a long standing involvement in related activities in Africa and elsewhere.

The financial standing of RDP Livestock Services and its backers is very sound, and the company has full access at all times to the necessary financial resources to guarantee cash availability for the implementation of the contract including those activities to be undertaken as part of the Fight against Lineage 1 Rinderpest in the Sudan.

The services are limited to those outlined in the Contract, the Terms of Reference and this proposal.

Annex C to the Draft Contract

Experts proposed

Annex C.1

Lists of Experts proposed

LIST OF STAFF PROPOSED FOR LONG TERM EXPERTISE

ne of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
.M. van 't Klooster	FAO Senior Animal Health Officer (GREP) on sabbatical from RDP Livestock Services	22	48	Netherlands	BVSc, MVSc, DVM	Veterinary epidemiology; Animal disease and tsetse control; Project management; Institutional development; Communication; Participatory extension; Project management (EDF projects)	Brazil, Ethiopia, Sudan, Tanzania, Thailand, Zambia	Dutch: 1 English: 1 French: 2 German: 2 Kiswahili: 3 Amharic: 4 Silozi: 5
Wilsmore	Director and Senior Consultant of PAN Livestock Services Ltd.	40	63	British	BVSc, PhD	Veterinary Epidemiology; Perinatal veterinary diseases; Ectoparasites; Vaccine development; Development of State Veterinary Services; Project Management.	Barbados, Botswana, Brazil, PR China, Egypt, Eritrea, India, Iraq, Jordan, Kenya, Malaysia, Mexico, Lebanon, Nepal, Oman, Syria, Tajikistan, Tanzania, Uganda, Uruguay, Yemen	English: 1 Swahili: 2 Arabic: 3 French: 4 Amharic: 5
'iviani	Associated Senior Consultant Cie. Jules van Lancker s.a.	18	46	Italian	DVM	Livestock production; Animal breeding; Animal health; Station/field research: Institutional strengthening; Veterinary public health; Food safety; Project management; Project administration	Chad, PR China, Ethiopia, Gabon, Guinea, India, Rwanda, Tajikistan, Yemen	Italian: 1 English: 1 French: 2 Spanish: 4

me of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
Leperre	Associated Senior Consultant Cie. Jules van Lancker s.a.	21	53	Belgian	DVM, PhD	Project management; Monitoring & evaluation; Privatisation of veterinary services; Disease surveillance; Animal Health; Food security and safety; Livestock management; Information management; Statistical analysis; Trypanosomosis; Village livestock management.	Afghanistan, Benin, Bhutan, Bolivia, Cambodia, Gabon, Gambia, Guinea, Iraq, Laos, Myanmar, Nepal, Peru, Philippines, Rwanda, Somalia, Thailand, Togo, Uganda	French: 1 English: 1 Dutch: 1 Spanish: 3 Italian: 3 German: 3 Lao: 1 Thai: 1 Khmer: 1
Geiger	Associated Senior Consultant RDP Livestock Services	15	42	German	DVM, PhD	Regional and national animal disease reporting and surveillance networks; Veterinary networks; Laboratory networks; Disease control programmes; Diagnostic and analytical tools and laboratory diagnosis of the main epizootics; Management and administration of technical cooperation projects; ICT/internet based training material.	Benin, Botswana, Burkina Faso, Burundi, Brazil, Cameroon, Central African Republic, Chad, China, Colombia, Cote d'Ivoire, Congo, Egypt, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Jordan, Kenya, Madagascar, Mali, Mauritania, Morocco, Namibia, Niger, Nigeria, Pakistan, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, Sudan, Swaziland, Tanzania, Thailand, Togo, Yemen, Zambia, Zimbabwe	German: 1 English: 1 French: 1 Swahili: 4

LIST OF RESERVE STAFF PROPOSED FOR LONG TERM EXPERTISE

ame of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
. Hoogendijk	Programme Manager / Consultant Animal Health and Production of RDP Livestock Services	26	54	Netherlands	BSc, MVSc, DVM	Management of TA program; Animal health and production; Privatization of veterinary services and service delivery; Design of restructured support services; Project design, monitoring and evaluation; Animal husbandry and health education and extension; Multidisciplinary and participatory approaches to livestock development	Afghanistan, Cambodia, Caribbean, PR China, DR Congo, Gambia, Laos, Mozambique, Western Samoa, Surinam, Zambia	Dutch: 1 English: 1 French: 1 German: 1 Spanish: 4
Abba Issa	Senior Freelance Veterinary Consultant Associated Consultant of RDP Livestock Services	17	46	Niger	DVM / MSc	Animal health and Production Economics; Agricultural policy Analysis; Project Planning, analysis and management; Products marketing; Marketing Research; Privatization of veterinary services delivery; Statistical and econometric data analysis.	Niger, Senegal	French: 1 English: 2
.S. Moorhouse	Project Manager, Livestock Services Development Programme, Kuwait Associated Consultant of RDP Livestock Services	33	59	British	BVSc, MS-vet	Veterinary epidemiology; Disease surveillance; Disease monitoring systems; Epidemiological studies; Disease control planning; Computerized database management systems; GIS; Project management.	Azerbaijan, Bangladesh, Bhutan, Cambodia, PR China, Ethiopia, Horn of Africa, Iraq, Kenya, Macedonia, Oman, Pakistan, Somalia, Vietnam, Zambia	English: 1 Spanish: 4 French: 5 Swahili: 5

me of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
J. Obi	OIC/Technical Officer, Animal Health, FAO SCR 986 Oil-for-Food Programme for Northern Iraq Associated Consultant of RDP Livestock Services	29	56	Nigerian	DVM, PhD	Preparation of veterinary contingency plans; Animal disease surveillance; Veterinary epidemiology; Training of laboratory staff; Project management and administration.	Ethiopia, Gambia, Ghana, Iraq, Kenya, Malawi, Mali, Nigeria, Senegal, Somalia, Sudan, Uganda	Ibo: 1 English: 1 French: 3 Arabic: 5
elot	Veterinary Inspector - Ministry of Agriculture - Department of Animal Health - Veterinary Services Brussels, Belgium. Associated Consultant of Cie Jules van Lancker s.a.	24	51	Belgian	DVM	Veterinary epidemiology; Planning, implementing and executing animal disease control and health surveillance programmes; Management of technical assistance programmes.	Burkina Faso, Cameroon, Congo Ivory Coast, Malawi, Rwanda, Senegal, Togo, Zambia	French: 1 English: 1 Dutch: 2

IST OF STAFF PROPOSED FOR SHORT TERM EXPERTISE IN THE FRAMEWORK OF THIS CONTRACT

me of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
Pringle	Senior Freelance Financial Consultant	41	61	British	BA, MSc	Accountancy and finance; Financial planning and monitoring systems; Computerized management information and accounting systems; Management of technical assistance projects; Staff training.	Botswana, Egypt, Fiji, Kenya, Lesotho, Solomons, South Africa, Swaziland, Uganda	English: 1 French: 4 Arabic: 3 Swahili: 1
). Okwiri	Managing Director – Global Providers International (G.P.I) Ltd. Associated Consultant of RDP Livestock Services	22	46	Kenyan	BEd, MBA	Business Development; Micro-credit systems; Management of guarantee fund accounts; Training needs analysis; Development of training modules and programmes.	Kenya, Uganda, Tanzania, Zambia	English: 1 Kiswahili: 2 Luo: 2
M.P.G. Hendrickx	Managing Director Avia-GIS bvba	16	42	Belgian	DVM, PhD	Disease mapping and spatial epidemiology sensu largo; Geographical Information Systems (GIS), tools for analysis and decision support; Integrated disease management and risk assessment; Implementation of private veterinary schemes; Project formulation and implementation	Benin, Burkina Faso, Côte d'Ivoire, Ethiopia, Ghana, Kenya, The Gambia, Mali, Mozambique, Niger, Nigeria, Rwanda, South Africa, Tanzania, Togo, Uganda, Zimbabwe	Dutch: 1 English: 1 French: 1

ne of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
.. Beerling	Director and Senior Consultant of RDP Livestock Services	20	50	Netherlands	MSc	Gender issues in rural development; Extension and research; Pastoral and agro-pastoral production systems; Community participation in range management, tsetse control and natural resource management; Community participation in social organization, service restructuring and land tenure.	Botswana, Burkina Faso, Cameroon, PR China, Egypt, India, Kenya, Kyrgyzstan, Malawi, Mali, Mauretania, Niger, Pakistan, Philippines, Sri Lanka, Togo, Yemen, Zambia.	Dutch: 1 English: 1 French: 1 German: 1 Silozi: 5 Fulfulde: 5
Mariner	Senior International Consultant, RDP Livestock Services	20	46	Spanish	DVM	Disease surveillance; Participatory epidemiology; Disease search and outbreak investigation; Disease modelling; Epidemiological analysis; Performance monitoring of surveillance programs; Geographic information systems (GIS); Animal disease control systems; Viral vaccine production; Quality control and laboratory diagnosis.	Afghanistan, Cameroon, Chad, Egypt, Ethiopia, Jordan, Kenya, Mali, Namibia, Niger, Pakistan, Palestinian Authority, Sudan, Somalia, Tanzania, Uganda	English: 1 Spanish: 3 French: 3 Amharic: 5
Mukiibi-Muka	Principal Research Officer Associated Consultant of RDP Livestock Services	26	52	Ugandan	BSc, DVM, PhD	Vaccine production; Veterinary virology; Diagnostics of livestock diseases; Animal production; Extension methodologies; Project management; Programme evaluation; Project planning.	Uganda, Republic of South Africa, Malaysia, Namibia, Ethiopia, Malaysia, Namibia, South Africa	English: 1 Kiswahili: 3

me of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
Guilloteau	Senior Consultant Associated Consultant of Cie Jules van Lancker	41	66	French	DVM	Animal pathology; Animal husbandry; Veterinary epidemiology; Management of veterinary services and veterinary laboratories.	Botswana, Brazil, Cameroon, Chad, Ecuador, Guinea, Laos, Saõ Tomé & Principe.	French: 1 English: 3 Portuguese: 3
James	Director and Senior Consultant of PAN Livestock Services Ltd.	26	49	British	BA, PhD	Transboundary diseases, disease surveillance and disease modeling; Livestock information systems; Project planning; Monitoring and evaluation	Argentina, Bangladesh, Bolivia, Botswana, Brazil, Chile, Colombia, Cote d'Ivoire, Egypt, Ghana, Guine Bissau, India, Jordan, Kenya, Morocco, Pakistan, Paraguay, Sri Lanka, Sudan, Tanzania, Uganda, Uruguay, Yemen, Zambia, Zimbabwe	English: 1
Bernard	Senior Communication Consultant Associated Consultant of Cie Jules van Lancker	38	57	French	BEd, MA	Research, conception and implementation of participatory approaches for development; Conception and planning of social, educational and institutional communication strategies Formulation and evaluation of projects related to communication, education, and training Interpersonal communication; Communication policy development	Algeria, Benin, Burkina Cape Verde, Chad, Comoros islands, Congo, Côte d'Ivoire, Faso, Egypt, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea Bissau, Haiti, Jordan, Kuwait, Lesotho, Madagascar, Mali, Mauritania, Morocco, Niger, Rwanda, Senegal, Sudan, Togo, Tunisia, Yemen	French: 1 English: 2 Italian: 3 Arabic: 5

ame of the Expert	Present Position	Years Exp.	Age	Nationality	Educational Background	Specialist Areas of Knowledge	Experience in developing countries	Languages and degree of fluency
'.P. Taylor	Senior Consultant Associated Consultant of PAN Livestock Services	39	66	British	BSc, DVM, PhD	Rinderpest eradication programmes; Epidemiological methods used in post-campaign surveillance; Diagnosis, epidemiology and control of PPR *Peste des Petits Ruminants* virus.	Bhutan, Egypt, India, Kenya, Nepal, Nigeria, Pakistan, Tanzania	English: 1

needs to be noted that the four companies working together as "the Consultant" specialize in the provision of animal health expertise.
ıe above 10 experts are a selection of a group of experts that are either permanently employed specialists of any of the four companies or those key ecialist closely associated with those partners (see the table presented in Annex B, Organization and Management).

addition, the experts' databases of the four consortium partners ensure access to a very larger number of experts in the field of animal health, in particular ɔo related to the implementation of EDF / EU funded projects as well as to PACE and formerly PARC.

Annex C.2

Curricula Vitae
Copies of Certificates
Copies of Statements of Exclusivity and Availability

of Long-term Experts

CURRICULUM VITAE

Proposed position in the project: Technical Assistant to PACE Ethiopia

1. **Family name:** van 't KLOOSTER
2. **First names:** Gijsbertus Gerardus Maria
3. **Date and Place of birth:** 18 November 1954, Eemnes, the Netherlands
4. **Nationality:** Dutch
5. **Civil status and number of dependants:** Married, 2 dependants
6. **Education:**

Institution	Faculty of Veterinary Medicine, University of Utrecht
Date: from (month/year) to (month/year)	09/1974 - 06/1984
Degree(s) or Diploma(s) obtained:	BVSc, MNSc and DVM

Institution	ETC Foundation, Ministry of Agriculture and Fisheries and The International Agricultural Centre
Date: from (month/year) to (month/year)	07/1988
Degree(s) or Diploma(s) obtained:	Certificate Rural Extension Training

Institution	Management for Development Foundation in cooperation with the EC
Date: from (month/year) to (month/year)	02/2000
Degree(s) or Diploma(s) obtained:	Certificate EDF Seminar on payment procedures

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
French	3	3	4
Kiswahili	4	3	4
Amharic	5	5	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Fully computer literate, able to use most MS Office applications, such as MS Word, MS Excel, MS Access, etc. In addition able to work with graphics software like CorelDraw and Photo paint, knowledge of GIS software: MapInfo 5.5, ArcView 3.1, various utilities.

9. **Present position:** Senior Consultant RDP Livestock Services, on sabbatical leave currently working for the FAO Global Rinderpest Eradication Programme as an Animal Health Officer

10. **Years of professional experience** *(relevant to the programme)*: 18

11. **Years within the firm:** 12

12. **Key qualifications** *(relevant to the programme)*: Veterinary epidemiology, animal disease surveillance systems, animal disease and tsetse control, institutional development, communication, participatory extension, project management (EDF projects).

13. **Experience with projects financed by international organisations** *(country, project, years)*:
Horn of Africa, Emergency Coordination Project (FAO), 2001; **Ethiopia**, PARC (EU), 1996-2000; **Sudan**, Rinderpest Control Project (UNICEF), 1997; **Ethiopia**, PARC (EU), 1991-1996; **Zambia**, Tsetse Control Senanga West (DGIS), 1989-1991; **Zambia**, Livestock Development Project WP (DGIS), 1986-1989.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Horn of Africa	EU	2001	Regional Livestock and Animal Health Specialist Emergency Coordination Office	Assisting in the coordination of project activities re the purchase and distribution of livestock and related emergency inputs; health and quality control.
Uganda	EU	2000	Resource Consultant	Evaluation of PARC Uganda.
Ethiopia	EU	1996 – 2000	Veterinary Epidemiologist/Livestock Services Development Specialist, PARC	Structuring of veterinary, livestock production and marketing services, developing RP disease surveillance systems, setting up of functional procedures and routines for veterinary associations, development of a disease control policy, improvement of M & E components, staff development.
Sudan	UNICEF	1997	Consultant	Advise on rinderpest surveillance and data management for rinderpest control.
Ethiopia	EU	1991 – 1996	Team Leader/Animal Disease Control Speciallist PARC	Coordinating team's advice, liason with PARC Regional Coordinating Unit, Nairobi. Prepare Re-establishment of rinderpest control, new vaccination programme, training of staff, development of computer databases.
Zambia	DGIS	1989 – 1991	Training Officer, Livestock Development Project	Training of project staff, liaison with UNZA School of Vet. Medicine
Zambia	DGIS	1986 – 1989	District (1986-88) and provincial (1988-89) Veterinary Officer Western Province /Team Leader Animal Disease Control Project	In charge of animal health, cattle marketing, and tsetse control; responsible for large scale disease control and prevention programmes; implementation of 2 Netherlands funded projects: Livestock Development Project and Tsetse Control Project Senanga –West.
Tanzania	DGIS	1985	Veterinary Consultant	Investigation of veterinary constraints in several livestock development projects.

15. Membership of professional bodies:

- Member of the Ethiopian Veterinary Association

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
Italy	FAO	2002	Senior Animal Health Officer	Global Rinderpest Eradication Programme
Netherlands	IAC/ETC	1989	Instructor	International course on rural extension, Wageningen
Netherlands	Private	1984-1986	Veterinarian	Private practice

17. Publications:

- Community Based Approaches to Privatisation, Mariner J.C. and Van't Klooster G.G. M., 1994
- Rinderpest Control in Ethiopia, Participatory approaches to vaccination in remote pastoral communities, Mariner J.C. and Van't Klooster G.G. M., Berhanu, A. 1995
- Rinderpest in problem areas, how to remove the virus from its last strongholds: Africa lineage 1, Van 't Klooster G.G.M., 1998
- Verification of Freedom from Rinderpest, Experiences of Ethiopia, Van't Klooster G.G.M., 2000

Faculty of Veterinary Medicine, University of Utrecht, DVM certificate obtained in 1984

GETUIGSCHRIFT

Facultas Medica Veterinaria in Universitate TRAIECTINA constituta testatur candidatum Gijsbertus G.M. van 't Klooster natum in oppido Eemnes die XVIII mensis novembris anni MCMLIV, cuius candidati nomen manu propria infra subscriptum invenies, feliciter subisse

EXAMEN VETERINARIUM

de quo examine agitur Articulis CXXXII-CXXXIV Statuti Academici (quoa continetur Constitutione Regia quae est edita d. XI m. Sept. anni MCMLXIII Act. Publ. sub No. CCCLXXX).

Examine prospere absoluto candidatus suprascriptus rite ius obtinuit ut medicum veterinarium se profiteatur secundum id quod Statuti Academici Articulo CCXIV constitutum est. Cuius rei documento hoc diploma ei tradendum Facultas curavit.

De Faculteit der Diergeneeskunde aan de Rijksuniversiteit te UTRECHT verklaart hierbij, dat Gijsbertus Gerardus Maria van 't Klooster geboren te Eemnes op 18 november 1954, die zijn handtekening hieronder heeft gesteld, met goed gevolg heeft afgelegd het

DIERGENEESKUNDIG EXAMEN

bedoeld bij artikel 132-134 van het Academisch Statuut (Koninklijk Besluit van 11 september 1963, Staatsblad no. 380).

Op grond van dit examen heeft hij de hoedanigheid van Dierenarts (Academisch Statuut, artikel 214) verkregen, ten bewijze waarvan hem dit getuigschrift is uitgereikt.

Handtekening van de geëxamineerde,
Candidati nominis subscriptio,

UTRECHT,
TRAIECTI AD RHENUM,
de 8 juni 1984

De Faculteit der Diergeneeskunde,
Facultas Medica Veterinaria,
voorzitter *praeses*
secretaris *ab-actis*

MR. W.H.M. FRANSEN NOTARIS TE ZEIST

ARTIKEL 8 VAN DE WET VAN 28 JULI 1954 (STAATSBLAD No. 372) OP DE UITOEFENING VAN DE DIERGENEESKUNST

Alvorens zich tot uitoefening van de praktijk te vestigen, doet de dierenarts zijn akte van bevoegdheid viseren door het districtshoofd van de Veeartsenijkundige Dienst in het district, waarin hij zijn woonplaats heeft. Dit visum wordt kosteloos verleend.

Hij geeft, op vertoon van de gevi seerde akte van bevoegdheid, aan de burgemeesters der gemeenten, binnen welke hij de praktijk wenst uit te oefenen, kennis van zijn voornemen.

Overtreding van dit artikel wordt volgens de wet gestraft met een geldboete van ten hoogste honderd gulden.

GEZIEN BIJ VESTIGING TE .....

DE INSPECTEUR VAN DE VEEARTSENIJKUNDIGE DIENST:

.....

ENGLISH TRANSLATION OF THE "GETUIGSCHRIFT" (CERTIFICATE) OVERLEAF

The Faculty of Veterinary Sciences of the State University of Utrecht hereby certifies that the subscriber to this document has passed the examination for the Final Degree in Veterinary Sciences, as defined in the Articles 132-134 of the Academic Regulations (Royal Ordinance dated September 11th 1963, Staatsblad no. 380).
This examination qualifies her as a Veterinarian (Academic Regulations, article 214), as proof of which this certificate has been awarded.

The undersigner mr Wiebe Hendrik Maria Fransen, civil-law notary, practising at Zeist, Holland, declares that this document on both sides is a true fotocopy of the original, shown before me on this twenty-fourth day of September nineteen hundred and ninety three

MR. W.H.M. FRANSEN NOTARIS TE ZEIST

TRAINER CERTIFICATE

This is to declare that

Gijs G.M. van 't Klooster

actively participated in the

INTERNATIONAL COURSE ON RURAL EXTENSION-TRAINING

held at Wageningen, The Netherlands from July 11 to July 22, 1988,
after having taken part in the 36th International Course on Rural Extension.

The course has been organized jointly by the ETC Foundation, Consultants for Development Programmes, the Ministry of Agriculture and Fisheries and the International Agricultural Centre.

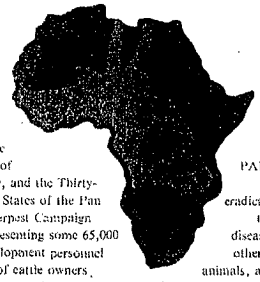
Signed, sealed and delivered this 22nd day of July 1988, at Wageningen, The Netherlands.

ICRE Executive
Committee Chairman
P.G.H. Engel

ICRE-Course director
IAC
A.A. Bartelink

Foundation E.T.C.
Director
A.J.E. Ferf

Pan African Rinderpest Campaign
Certificate of appreciation



On behalf of the Secretary General of the Organization of African Unity, and the Thirty-four Member States of the Pan African Rinderpest Campaign (PARC), representing some 65,000 livestock development personnel and millions of cattle owners and their families, this Certificate is hereby awarded in recognition of his/her active participation in, and most valuable contribution to, the successful conduct of the PARC Programme which seeks to eradicate from Africa the most deadly disease of cattle and other cloven-hoofed animals, and to revitalize the livestock sector as a whole to help ensure the livelihoods and food security of all peoples across the continent of Africa.

to Dr. Gijs van't Klooster

on this Fourth day of March 1996

The Director
Inter-african Bureau of Animal Resources
Organization of African Unity (OAU/IBAR)

MDF seminars on EDF procedures

CERTIFICATE

This document is to certify that

Gijs van't Klooster

has attended the

EDF Seminar on Payment Procedures

From the 14 – 16th February 2000

organised by the Management for Development Foundation (MDF), established in Ede, the Netherlands

in cooperation with the European Commission and the National Authorising Officer

Nazareth, the 16th February 2000

Participant

Trainers

Executive Director MDF
Drs. H.L. van Loo

MDF P.O. Box 430 6710 BK Ede the Netherlands tel. +31-318-630060 fax. +31-318-614503 e-mail mdf@mdf.nl internet http://www.mdf.nl

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: 24/7/02

Signature:

Name : Gijs van 't Klooster .

CURRICULUM VITAE

Proposed position in the project: Technical Assistant to PACE Tanzania

1. **Family name:** GEIGER
2. **First names:** Roland
3. **Date and Place of birth:** 28 January 1960, Donaueschingen
4. **Nationality:** German
5. **Civil status and number of dependants:** Married, 2 dependants
6. **Education:**

Institution	Course on statistics and quantitative methods in epidemiology, VEERU, Reading University, UK
Date: from (month/year) to (month/year)	07/1990 – 08/1990
Degree(s) or Diploma(s) obtained:	Certificate in epidemiology

Institution	Institute for Tropical Veterinary Medicine, University of Berlin, Germany, Course in tropical veterinary medicine
Date: from (month/year) to (month/year)	01/1989 - 10/1989
Degree(s) or Diploma(s) obtained:	Diploma in Tropical Veterinary Medicine

Institution	Institute for Parasitology and Tropical Veterinary Medicine, University of Munich, Munich, Germany
Date: from (month/year) to (month/year)	12/1986 – 12/1988
Degree(s) or Diploma(s) obtained:	Dr. med. vet.

Institution	University of Munich, Faculty of Veterinary Medicine, Munich, Germany
Date: from (month/year) to (month/year)	10/1980 – 09/1986
Degree(s) or Diploma(s) obtained:	Degree in veterinary medicine (Staatsexamen)

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
German	1	1	1
English	1	1	1
French	1	1	2
Swahili	4	4	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Extensive experience in the development and application of computer programmes in connection with disease diagnosis and control (EPIINFO; TADINFO; EDI-SID (epidemiological/diagnostic software). MS-Word, Excel, various GIS and database application such as Access, ArcView, DreamWeaver (for the development of internet based training material)
9. **Present position:** Technical Officer and expert for epidemiology, disease control and laboratory diagnosis of the main epizootics, associated senior consultant of RDP Livestock Services.
10. **Years of professional experience** *(relevant to the programme)*: 15 years
11. **Years within the firm: -**
12. **Key qualifications** *(relevant to the programme)*: Evaluation, establishment and operation of regional and national animal disease reporting and surveillance networks, veterinary networks, laboratory networks and disease control programmes. Development, validation and implementation of diagnostic and analytical tools and laboratory diagnosis of the main epizootics (rinderpest, PPR, CBPP, FMD, RVF). Management of implementation and administration of technical cooperation projects, including EU projects, in animal disease diagnosis. Development of ICT/internet based training material in animal disease diagnosis

13. **Experience with projects financed by international organisations** *(country, project, years)*: **Africa**, Technical Officer and Regional Expert for Africa within the Joint FAO/IAEA Division, 1990 – 1996; **Africa**, Technical Officer, FAO/OAU/IBAR epidemiology project, 1996-1999.

14. **Specific Developing Countries Experience:**

Country	Organisation	Date: From/to	Position	Job Description
Latin America: Brazil, Colombia, **Europe – Asia, Near/Middle East:** China, Jordan, Pakistan, Thailand, Turkey, Yemen, **Africa:** Benin, Botswana, Burkina Faso, Burundi, Cameron, Central African Republic, Chad, Cote d'Ivoire, Democratic Republic of Congo, Egypt, Eritrea, Ethiopia, Gambia, Ghana, Guinea, Kenya, Madagascar, Mali, Mauritania, Morocco, Namibia, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, Somalia (Somaliland, Puntland, Southern and Central Somalia), South Africa, Sudan, Swaziland, Tanzania, Togo, Zambia, Zimbabwe	FAO, IAEA, EU, GTZ, University of Berlin	1987 to present Numerous missions with a duration between 1 week and 2 months, approx. 4 - 5 months per year	Technical officer, consultant	Evaluation of diseases surveillance and diagnostic activities, organisation of workshops and training courses, technical backstopping of the laboratory diagnosis of the main epizootics.
	FAO	08/1998 - 10/1999 Nairobi/Kenya	Epidemiologist/ serologist	Diagnosis and surveillance of rinderpest in connection with PARC
	Veterinary Service Namibia/ University of Munich	07/1987 - 09/1988 CVL Windhoek, Namibia	Researcher	Research and diagnosis of animal diseases

15. **Membership of professional bodies:**
- Society for Tropical Medicine, Germany
- Veterinary Association, Germany

16. **Other relevant professional experience:**

Country	Organisation	Date: From/to	Position	Job Description
Austria/ Tanzania/ Uganda	IAEA	06/2001 to 04/2002	Consultant	Development of ICT (Information and Communication Technology) based training material for reproduction and transboundary animal diseases in particular rinderpest. Validation of diagnostic tests. Missions to Entebbe, Uganda and Arusha, Tanzania.

17. Publications:

GEIGER, R., JEGGO, M., (1997) The monitoring of the Pan African Rinderpest
Campaign and the establishment of disease surveillance Systems in Africa, Symposium on Animal Disease Diagnosis, IAEA, Vienna 7-11 April, 1997

GEIGER, R., JEGGO, M., (1994) The introduction and application of ELISA kits in Africa. 5th Symposium on Tropical Animal Health and Production, Utrecht.

GEIGER, R., JEGGO, M., (1994) Establishment of a sero-monitoring and sero-surveillance System for rinderpest in Africa, Fourth Conference of Ministers for Livestock Development in OAU Member States, Addis Ababa.

GEIGER, R., JEGGO, M., Some considerations on the sensitivity and specificity of surveillance systems for the detection of rinderpest virus and rinderpest virus antibodies in cattle in Africa; Report of workshop on the role of disease information in management of veterinary services in the Asia and Pacific region, OIE, 1992

GEIGER, R., (1990) Seroepizootiological studies on the prevalence of BHV 1 and BHV II, J. Vet. Med. 227

GEIGER, R., (1989) Zur Prävalenz von Antikörpern gegen Bovines Herpesvirus 1 und Bovines Herpesvirus II in Namibia. Vet. Med. Dis., Munich

AMANFU, W., SEDIADIE, S., MASUPU K.V., BUNKERING, A., GEIGER, R, THIAUCOURT, F., (1998), Field validation of a competitive enzyme linked immunosorbent assay (c-ELISA) for the detection of contagious bovine pleuropneumonia in Botswana, Rev. Elev. Méd. Vét. Pays trop., 1998, 51(3), 189-193

JEGGO, M., GEIGER, R., DARGIE, J., (1994), Animal health: Supporting Africa's campaign against rinderpest, IAEA Bulletin, 3/1994

JEGGO, M., GEIGER, R., DARGIE, J., (1992), Economics of the development and application of biotechnology-based immunoassay test for controlling animal diseases in developing countries. A viable proposition at the national level? Symposium on tropical veterinary medicine, Berlin.

Editor:

INTERNATIONAL ATOMIC ENERGY AGENCY, The Sero-monitoring of Rinderpest Throughout Africa: Phase III, Results for 1994, Limited distribution, IAEA, Vienna (1994).

INTERNATIONAL ATOMIC ENERGY AGENCY, The Sero-monitoring of Rinderpest Throughout Africa: Phase II, Results for 1993, IAEA-TECDOC-772, IAEA, Vienna (1995).

INTERNATIONAl ATOMIC ENERGY AGENCY, Recommended Procedures for Disease and Serological Surveillance as part of the Global Rinderpest Eradication Programme (GREP), IAEA-TECDOC-747, IAEA, Vienna (1994).

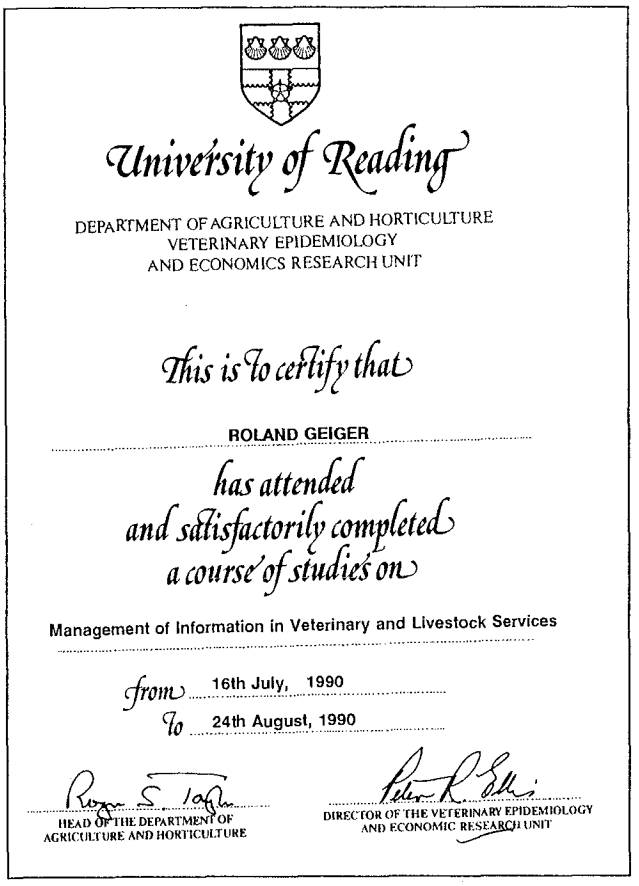
Co-editor:

INTERNATIONAL ATOMIC ENERGY AGENCY, Establishment of external quality assurance procedures with FAO/IAEA ELISA kits, IAEA, Vienna (1994)

INTERNATIONAL ATOMIC ENERGY AGENCY, The Sero-monitoring of Rinderpest Throughout Africa: Phase 1, IAEA-TECDOC-623, IAEA, Vienna (1991).

INTERNATIONAL ATOMIC ENERGY AGENCY, The Sero-monitoring of Rinderpest Throughout Africa: Phase II, Results for 1992, Limited Distribution, Vienna
(1992).

Copies of certificates of R. Geiger



University of Reading

DEPARTMENT OF AGRICULTURE AND HORTICULTURE
VETERINARY EPIDEMIOLOGY
AND ECONOMICS RESEARCH UNIT

This is to certify that

ROLAND GEIGER

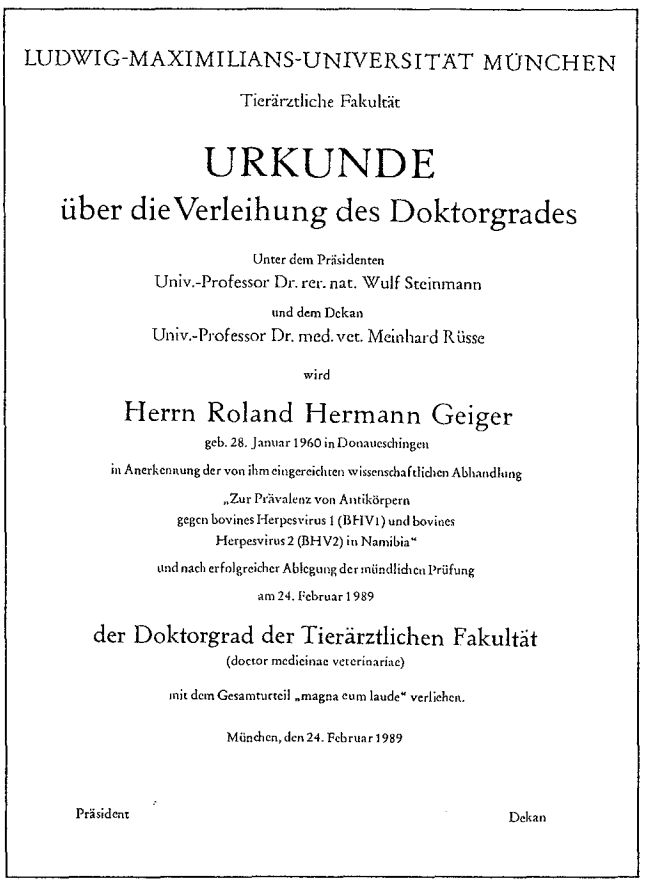
has attended
and satisfactorily completed
a course of studies on

Management of Information in Veterinary and Livestock Services

from 16th July, 1990
To 24th August, 1990

HEAD OF THE DEPARTMENT OF AGRICULTURE AND HORTICULTURE

DIRECTOR OF THE VETERINARY EPIDEMIOLOGY AND ECONOMIC RESEARCH UNIT



LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

Tierärztliche Fakultät

URKUNDE

über die Verleihung des Doktorgrades

Unter dem Präsidenten
Univ.-Professor Dr. rer. nat. Wulf Steinmann
und dem Dekan
Univ.-Professor Dr. med. vet. Meinhard Rüsse

wird

Herrn Roland Hermann Geiger

geb. 28. Januar 1960 in Donaueschingen

in Anerkennung der von ihm eingereichten wissenschaftlichen Abhandlung

„Zur Prävalenz von Antikörpern
gegen bovines Herpesvirus 1 (BHV1) und bovines
Herpesvirus 2 (BHV2) in Namibia"

und nach erfolgreicher Ablegung der mündlichen Prüfung

am 24. Februar 1989

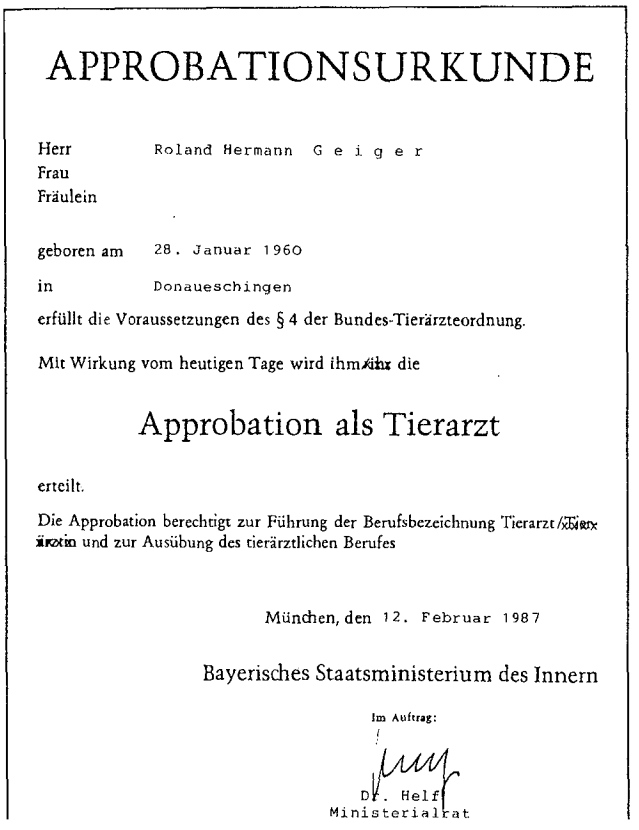
der Doktorgrad der Tierärztlichen Fakultät
(doctor medicinae veterinariae)

mit dem Gesamturteil „magna cum laude" verliehen.

München, den 24. Februar 1989

Präsident

Dekan



APPROBATIONSURKUNDE

Herr Roland Hermann Geiger
Frau
Fräulein

geboren am 28. Januar 1960

in Donaueschingen

erfüllt die Voraussetzungen des § 4 der Bundes-Tierärzteordnung.

Mit Wirkung vom heutigen Tage wird ihm/~~ihr~~ die

Approbation als Tierarzt

erteilt.

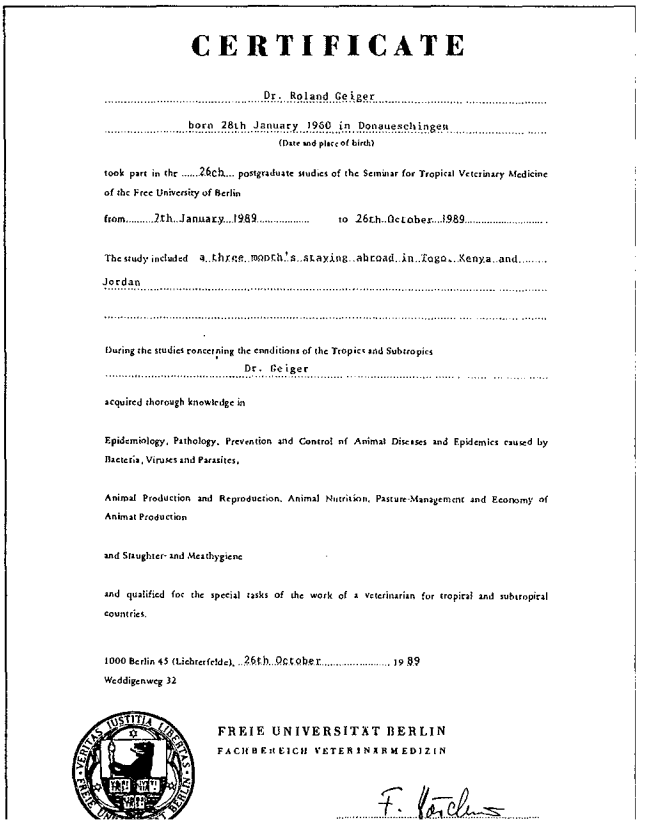
Die Approbation berechtigt zur Führung der Berufsbezeichnung Tierarzt/~~Tierärztin~~ und zur Ausübung des tierärztlichen Berufes

München, den 12. Februar 1987

Bayerisches Staatsministerium des Innern

Im Auftrag:

Dr. Helf
Ministerialrat



CERTIFICATE

Dr. Roland Geiger

born 28th January 1960 in Donaueschingen
(Date and place of birth)

took part in the 26th postgraduate studies of the Seminar for Tropical Veterinary Medicine of the Free University of Berlin

from 7th January 1989 to 26th October 1989

The study included a three month's staying abroad in Togo, Kenya and Jordan

During the studies concerning the conditions of the Tropics and Subtropics
Dr. Geiger

acquired thorough knowledge in

Epidemiology, Pathology, Prevention and Control of Animal Diseases and Epidemics caused by Bacteria, Viruses and Parasites,

Animal Production and Reproduction, Animal Nutrition, Pasture-Management and Economy of Animal Production

and Slaughter- and Meathygiene

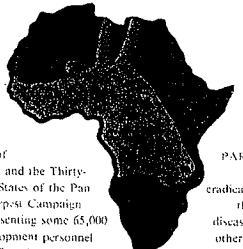
and qualified for the special tasks of the work of a veterinarian for tropical and subtropical countries.

1000 Berlin 45 (Lichterfelde), 26th October 1989
Weddigenweg 32

FREIE UNIVERSITÄT BERLIN
FACHBEREICH VETERINÄRMEDIZIN

Pan African Rinderpest Campaign

Certificate of appreciation



On behalf of the Secretary General of the Organization of African Unity, and the Thirty-four Member States of the Pan African Rinderpest Campaign (PARC), representing some 65,000 livestock development personnel and millions of cattle owners and their families, this Certificate is hereby awarded in recognition of his/her active participation in, and most valuable contribution to, the successful conduct of the PARC Programme which seeks to eradicate from Africa the most deadly disease of cattle and other cloven-hoofed animals, and to revitalize the livestock sector as a whole to help ensure the livelihoods and food security of all peoples across the continent of Africa.

to Dr. Roland Geiger

on this 3rd day of Dec. 99

The Director
Inter-african Bureau of Animal Resources
Organization of African Unity (OAU/IBAR)

CERTIFICATE

THIS IS TO CERTIFY THAT

Mr. Roland Driger

SERVED WITH DISTINCTION AS

Technical Officer

OF THE JOINT FAO/IAEA DIVISION IN VIENNA

FROM 1 January 1993 TO 31 August 1998

31 August 1998
VIENNA, ON

DIRECTOR

Manuel P. Salamo
DEPUTY DIRECTOR

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Deerlijk, 6/8/02

Signature:

Name : Roland Creper

CURRICULUM VITAE

Proposed position in the project: Technical Assistant to PACE Kenya

1. **Family name:** WILSMORE
2. **First names:** Anthony J
3. **Date and Place of birth:** 23 July 1939, St Albans
4. **Nationality:** British
5. **Civil status and number of dependants:** Married, 3 dependants
6. **Education:**

Institution	Bristol Veterinary School
Date: from (month/year) to (month/year)	October 1957 – June 1962
Degree(s) or Diploma(s) obtained:	Bachelor of Veterinary Science

Institution	Royal Veterinary College, London
Date: from (month/year) to (month/year)	1970
Degree(s) or Diploma(s) obtained:	Postgraduate Diploma in Animal Health

Institution	Royal Veterinary College, London
Date: from (month/year) to (month/year)	1983
Degree(s) or Diploma(s) obtained:	PhD "Epidemiology of perinatal mortality in small ruminants"

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
Arabic	3	2	3
French	4	3	4
Swahili	4	2	4

8. **Other skills** *(e.g. computer literacy, etc.)*: Fully computer literate, able to use most MS Office applications, such as MS Word, MS Excel, MS Access, etc.

9. **Present position:** Director of PAN Livestock Services Limited and Honorary Senior Research Fellow at the Veterinary Epidemiology and Economics Research Unit (VEERU) at The University of Reading.

10. **Years of professional experience** *(relevant to the programme)*: 27 years

11. **Years within the firm:** 9 years

12. **Key qualifications** *(relevant to the programme)*: Veterinary Epidemiology, Livestock Economics, Disease control programmes, Ruminant health and production, Perinatal diseases in ruminants, Ectoparasites, Vaccine development, Development of State Veterinary Services, Project management and administration, including EU funded projects, Monitoring and evaluation.

13. **Experience with projects financed by international organisations** *(country, project, years)*:
Kenya, District Veterinary Officer (DFID), 1965-1969; **Ethiopia**, Veterinary Investigation and Rinderpest Control Project (DFID), 1970-1975; **Yemen**, British Veterinary Team (DFID), 1975-1979; **Eritrea**, Animal Disease Investigation and Epidemiology Project (DFID), 1995-1997; **India**, Strengthening of Veterinary Services for Livestock Disease Control (EU), 1997-1998; **Botswana**, Environmental Impact Assessment of Veterinary Fences in Ngamiland (DFID), 1999-2000; **Botswana**, Veterinary Epidemiology and Economics Unit and Tsetse Entomology Project (DFID), 1996-2000.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Somalia	FAO	2001	Team Leader	Project Preparation Mission for Support for Livestock Exports from Northern Somalia and the sub-region. The Project involved individual animal identification, movement control, inspection and certification of livestock for export.
Uganda	EU	2000	Consultant	Conducted the final evaluation for EU of the Pan African Rinderpest Campaign II Project.
Ethiopia	African Development Bank	2000	Consultant	Worked on the National Livestock Development Project to study the epidemiology and economics of peste des petits ruminants and contagious caprine pleuropneumonia and devised a strategy for their cost effective control.
Botswana	DFID	1999-2000	Team Leader	Environmental Impact Assessment of Veterinary Fences in Ngamiland, assessing animal health control, focusing on the environmental, economic and socio-economic effects of the fences and also their effect on wildlife.
India	EU	1997 - 1998	Veterinary Epidemiologist & TL	One-year assignment as Training and Information Specialist in the Strengthening of Veterinary Services for Livestock Disease Control Project.
Jordan	DFID	1997	Consultant Veterinary specialist	Assessment of the DFID-funded livestock component of the Badia Research and Development Programme, which assisted pastoralists in arid regions of the country.
Botswana	DFID	1996-2000	Consultant	Investigated the production and disease constraints of small ruminants in Botswana. Organised a seminar and prepared two handbooks on small ruminant diseases.
Lebanon, Oman, UAE, Yemen & Saudi Arabia	FAO	1996	Consultant	Investigated the rinderpest disease situation in the Arabian Peninsular and proposed a strategy for regional control.
Kenya	ILRI DFID	1996	Consultant	External review of the animal health improvement programme. Advised KARI on the development of the Epidemiology and Socio-Economics Division.
Eritrea	DFID	1995 - 1997	Project Co-ordinator	Established an Epidemiology Unit and assisted in the rehabilitation of the Central Veterinary Laboratory and the development of an animal disease survey, investigation and diagnostic service.
Nigeria	MoA	1994	Consultant	Design a livestock information system for Third Livestock Development Project.
Iraq, Jordan, Lebanon, Kuwait, Egypt and Turkey	FAO	1994	Consultant	Advised on the Middle East regional animal health and production programme (MINEADEP).
Kenya	DFID	1994	Consultant	Visited the Kenya Agricultural Research Institute (KARI) to assist in the establishment of the DFID supported Epidemiology and Socio-economics Division.
Tanzania	DFID	1988	Consultant	Advised on the development and rehabilitation of animal health services.
Kenya		1986 -	Consultant	Disease investigation at the Goat and Sheep Project.

Country	Organisation	Date: From/to	Position	Job Description
		1987		Marimanti.
Sudan	DFID	1986	Consultant	Advisor on animal health and production in Southern Sudan.
Syria	ICARDA	1983	Advisor	International Centre for Agricultural Research in Dry Areas, Aleppo. Conducted investigations into lamb losses in Northern Syria.
Yemen Arab Republic	DFID	1975 - 1979	Team Leader	Team Leader of the British Veterinary Team in and acting Director of Veterinary Services for some of the time.
Ethiopia	DFID	1970 - 1975	Veterinarian	Part of the British Veterinary Team working on veterinary investigation and Rinderpest control and team leader of group working on JP15 Rinderpest control campaign.
Kenya	DFID	1965 - 1969	District Veterinary Officer	District Veterinary Officer in Western. Kenya. Posts were Kitale and Eldoret.

15. Membership of professional bodies:

- Royal College of Veterinary Surgeons
- British Veterinary Association
- President of the Veterinary Research Club
- Association of Veterinary Teachers and Research Workers
- Sheep Veterinary Society
- Goat Veterinary Society

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
UK	DEFRA	2001-2002	Consultant	Worked as a Temporary Veterinary Inspector investigating outbreak reports of Foot-and-mouth disease. Focal point for the University of Reading for information to the media on the FMD outbreak. Participated in a Science Audit of the Veterinary Laboratories Agency.
UK		1985-1993	Senior Lecturer	Senior Lecturer at Royal Veterinary College and Director of MSc course in Animal Health.
UK		1983-1985	Lecturer in Animal Health	Royal Veterinary College
UK		1979-1983	Research Assistant	Research Assistant at the Royal Veterinary College, London, awarded PhD
UK		1962-1964	Veterinarian	Practised veterinary science in mixed general practice in Hertfordshire

17. Publications: Dr Wilsmore has published over 50 technical articles and publications. A list of publications is available on request.

Copies of certificates of A.J. Wilsmore

UNIVERSITY OF BRISTOL

Ms. Lynzie Gadd (LL.B. Hons.)
Assistant Registrar
(Examinations Officer)

Senate House, Tyndall Avenue, Bristol, BS8 1TH
Telephone: 0117 928 7680
Fax: 0117 928 7681
Enquiries ext. 46357
E.Mail: Lynzie.Gadd@bristol.ac.uk
http://www.bris.ac.uk/Depts/Registrar/Exams

Our Ref: LG/JTC/MSH

This is to certify that

ANTHONY JOHN WILSMORE

passed the Final Examination for the Degree of Bachelor of Veterinary Science on the 2 July 1962.

The Degree was conferred by the University at a Degree Congregation on the 11 July 1962.

Jane Coles.

pp Ms Lynzie Gadd
Assistant Registrar

12 August 2002

UNIVERSITY OF LONDON

Anthony John Wilsmore

of

Royal Veterinary College

has this day been duly awarded the

ACADEMIC POSTGRADUATE DIPLOMA

in

Animal Health

as an Internal Student

12 August 1970

Academic Registrar

UNIVERSITY OF LONDON

ANTHONY JOHN WILSMORE

of

ROYAL VETERINARY COLLEGE

having completed the course of study approved by the University and passed the prescribed examinations as an Internal Student has this day been admitted by the Senate to the degree of

DOCTOR OF PHILOSOPHY

19 SEPTEMBER 1984

Vice-Chancellor

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

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To Whom It May Concern:

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In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: PAN Livestock Services, Reading, UK
25/7/02

Signature:

Name : A. J. WILSMORE.

CURRICULUM VITAE

Proposed position in the project: Technical Assistant to PACE Uganda

1. **Family name:** LEPERRE
2. **First names:** Philippe
3. **Date and Place of birth:** 15 December 1948, Uccle
4. **Nationality:** Belgian
5. **Civil status and number of dependants:** Single
6. **Education:**

Institution:	University of Liège, Belgium
Date:	1970-1971 and 1976-1980
Degree(s) or Diploma(s) obtained:	Dr in Veterinary Medicine

Institution:	IMT/ITG Antwerp, Belgium
Date:	1980-1981
Degree(s) or Diploma(s) obtained:	Animal production and health in the tropics ("distinction")

Institution:	St George University Oxford
Date:	1998-1999
Degree(s) or Diploma(s) obtained:	PhD Fauna and environment management

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
French	1	1	1
English, Dutch	1	1	1
Spanish, Italian, German	3	3	4
Lao, Thai, Khmer	5	4	5

8. **Other skills** *(e.g. computer literacy, etc.)*:
Very good experience in information technology (MS Office, SPSS (stat), Internet, GIS, Photoshop, Dreamweaver, Dbase, DOS, Utilities, etc.), Data Management.

9. **Present position:** Senior International Consultant.

10. **Years of professional experience** *(relevant to the programme)*: Over 20 years.

11. **Years within the firm:** Not relevant.

12. **Key qualifications** *(relevant to the programme)*:
- Financial and administrative management of animal health control programme.
- Design and implementation of large-scale disease control (mainly Rinderpest, CBPP and FMD).
- Preparation of annual workplan and cost estimates.
- Establishment of contracts for services and supplies in accordance with EDF procedures.
- Evaluation and supervising of diagnostic laboratory in terms of methods and equipments.
- Privatization of veterinary services and set up/upgrade of self sustainable, community supported field veterinary infrastructure.
- Development of epidemiological database and GIS, information management.
- Very good knowledge of EDF procedures.

13. **Experience with projects financed by international organisations** *(country, project, years)*:
Central, Western and Eastern Africa, Asia and Eastern Europe - Numerous short-term or mid-term assignments (EU, FAO, ILRI/CGIAR, UNICEF, UNDP, WB, ADB), 1995-1997; Nepal, Strengthening of Veterinary Services for Animal Disease Control, 1993-1994; Iraq, Rinderpest Control Programme, 1990-1993; Afghanistan, Support to Veterinary Clinics, 1988-1990; Gambia, Epidemiological investigations as veterinary scientist, 1986-1987; Lao, Reinforcement of the Veterinary Services.

14. **Specific Developing Countries Experience:**

Country	Org.	Date:	Position	Job Description
Bhutan	EU	Mar. 01-Apr. 01	M & E Expert	Evaluation of "Strengthening Veterinary Services". Identification and assessment of further EU intervention.
Kosovo	UNMIK	Jun. 00-Dec.00	Director of Animal Health & Production Dept.	Organise and direct LPHD, propose legislation and regulation for food safety, livestock health & production & imports Privatise veterinary network. Organise livestock diseases control and border control with other ministries (in accordance with EU). Plan and implement budget. Recruit and train senior veterinary and animal production staff.
Togo	FAO BTC	Apr. 99 - May 99	Animal Health Expert	Final evaluation of the project "Lutte contre la trypanosomiase en vue du développement agro-pastoral des zones libérées de l'Onchocercose". GIS, epidemiology, animal disease surveillance.
Nepal	EU	Sept. 95 - Aug. 97	Team Leader Co-Director	"Strengthening of veterinary Services for animal disease control" (Legislation, eradication of Rinderpest, strengthening of veterinary services, training, diseases control, improvement of vaccine production, extension & information).
Rwanda	FAO	May 95 - Sept. 95	Co-ordinator	Strategy for the re-establishment and reorganisation of livestock services and for Rinderpest and CBPP control. Emergency livestock protection and management activities in the North of the country.
Iraq	FAO	Oct. 93 - Jan. 94 Aug. 94 - Sept. 94 Oct. 94 - Dec. 94	Co-ordinator	"Rinderpest control" programme. Liaise with sub-regional Rinderpest control projects, border harmonisation and Rinderpest surveillance programmes. Rinderpest control programmes & contingency plan. Collect & submit clinical or vaccine samples for analysis. Supervise Rinderpest surveillance for disease, virus and antibody in Northern Iraq.
Afghanistan	FAO	Dec. 90 - Apr. 91 Jun. 91 - Aug. 93	Chief Technical Advisor	Management of AFG/90/006 "Support to Veterinary Clinics" Establishment in Afghanistan, of a network of community supported veterinary clinics. Design and execute epidemiological surveys and worming and vaccination campaigns, both in gov. areas and in opposition areas.
Gambia	ITC ILRI CGIAR	Jul. 88 - Sept. 90	Animal Health Expert	Epidemiological investigations, nutrition, animal production, Trypanosomiasis, Trypanotolerance. Supervise activities of a team of 10 Gambian technicians, both in the field (blood sampling, weighting, etc.) and in the laboratory (Dark ground/Buffy coat, IFAT, ELISA, etc.). In charge of project's management in Bansang area. Compile and analyse data on computer (Dbase, SPSS, etc.) and produce scientific reports and articles for publication. Lecturer during training sessions.
Somalia	FAO UNICEF	Jul. 87 - Sept. 87	Livestock Expert	Draft and negotiation of a project aiming at improving livestock production and range management. Also Emergency Assessment in the North of the country.
Uganda	FAO	Jun. 86 - Aug. 86	Animal Health Expert	Assessment of animal health situation. Programming mission. Assessment of the programmed assistance and programming of future inputs.
Myanmar	UNDP	Apr. 86 – May 86	Team Leader	Mid Term Review of project "Development of animal virus vaccines" (Rinderpest, FMD, Anthrax).

15. **Membership of professional bodies:** Ordre des médecins vétérinaires de Belgique.

16. **Other relevant professional experience:**

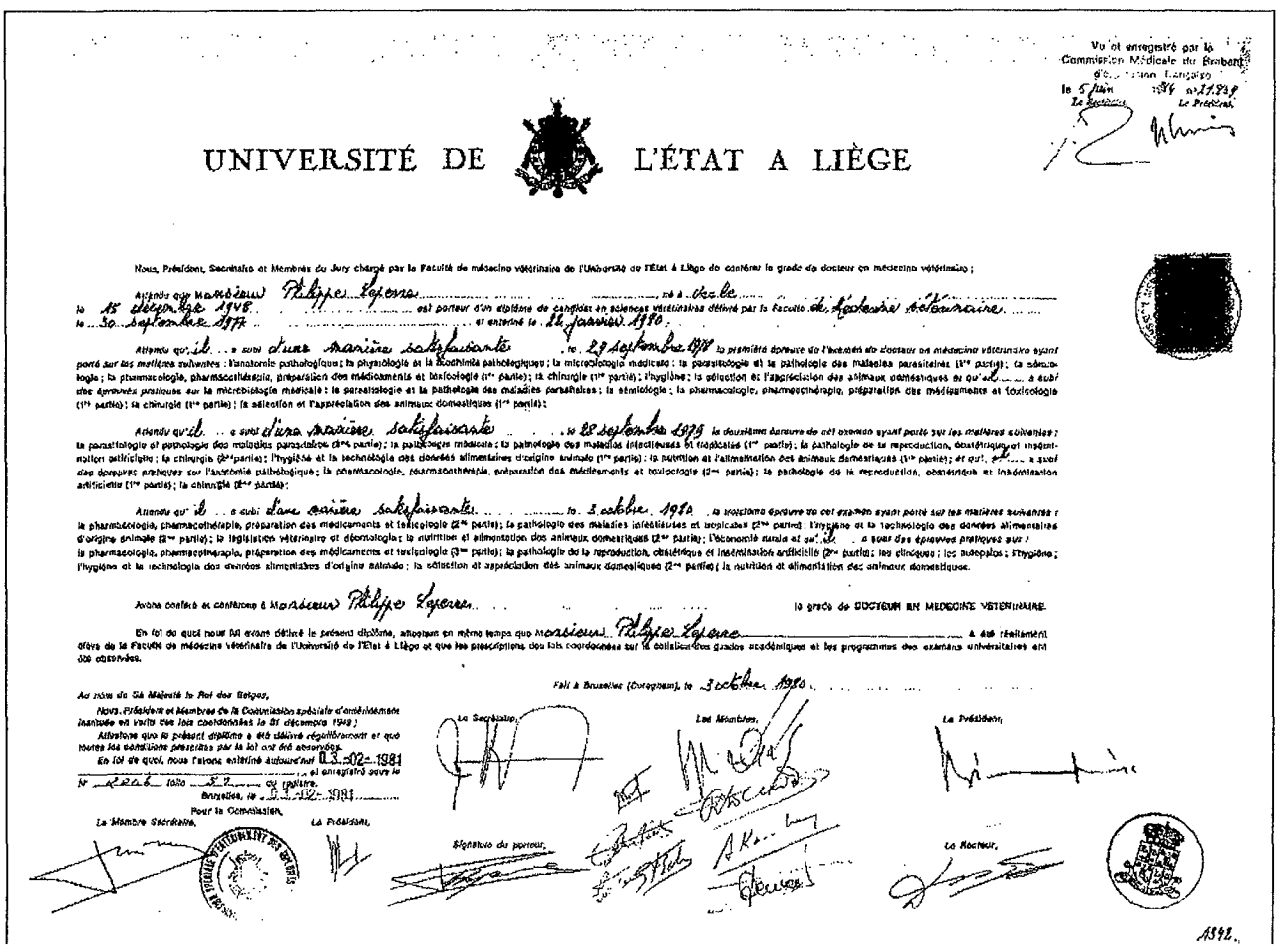
Country	Org.	Date	Position	Job Description
Lao, Thailand, Myanmar	SPB	Feb. 02 - May 02	Livestock & Animal Health Expert	Assessment of animal health status and present and forecasted demand for veterinary medicines, biologicals and feed additives. Consultation with small holders, smallholders associations and veterinarians as well as various other stakeholders to present an assessment based on grassroots information.
Guinea	WB	Oct. 01 - Nov. 01	Consultant, Environment Assessment Livestock & Animal Health.	Environmental assessment, drafting of a mitigation plan for the reduction of environmental and human impact of the agro-commercial infrastructures (slaughterhouses, fisheries, livestock markets, etc.) (PNIR2).
Peru, Bolivia	SPB	Aug. 01 - Sept. 01	Livestock & Animal Health Expert	Assessment of animal health status and present and forecasted demand for veterinary medicines, biologicals and feed additives. Consultation with small holders, smallholders associations and veterinarians as well as various other stakeholders to present an assessment based on grassroots information.
Philippines	EU	Apr. 01 - Jun. 01	Livestock & Animal Health Expert	Evaluation and reorientation of the livestock production and health programme (Central cordillera region).
Kosovo	UNMIK	Dec. 99 - Feb. 00	Director of Animal Health & Production Dept.	Organise and direct LPHD, propose legislations and regulation in food safety, livestock health & production & imports Privatise veterinary network. Organise livestock diseases control and border control with other ministries (in accordance with EU). Plan and implement budget. Recruit and train senior veterinary and animal health staff.
Kosovo	FAO	Dec. 99 - Feb. 00	Animal Health Advisor	Co-ordination of activities and operations, coordinate donors and international agencies input and activities. Chief of livestock vaccination project.
Lao	EU	Sept. 99 - Oct. 99	Livestock & Animal Health Expert	Lao/EU "Integrated Rural Development Project Luang Namtha". Training of trainers and n service training of livestock and veterinary officers. Plan project activities in poultry, pig and bovine production sector. Organise and start vaccination campaign.
Lao	EU	Jun. 99 - Jul. 99	Pasture & Nutrition Expert	Training of Village Veterinary workers. Include legal and communal approach to the training manuals. Review and correct the manual for animal health workers. Produce modules for the training and extension in remote rural poultry production.
Lao	EU	Nov. 98 - Dec. 98	Livestock & Animal Health Expert	Training of Village Vets. Improve vaccination programme and pasture/fodder & nutrition development programme. Make work plan to increase synergy between livestock and agriculture.
Cambodia	ADB	Mar. 98 - Apr. 98	Livestock & Animal Health Expert	Drafting of the PRASAC 2 project methodology (BM/FIDA/GRC).
Gabon	AfDB	Apr. 94 - May 94	Livestock Expert	Mid-term review Livestock Development Project, Phase II (ranches and livestock production).
Lao	FAO	Jun. 86 - Aug. 87	Expert (P4 II) Epizootics	LAO/81/006 "Reinforcement of the veterinary services". Supervise field operations, distribution and use of the material. Organise vaccination campaign (FMD, Rinderpest, Haemorrhagic Septicaemia, Anthrax etc.) and undertake disease investigation. In-service training of veterinary technicians, field extension on animal health nutrition and management. Set up provincial veterinary centres.

Country	Org.	Date	Position	Job Description
Lao	FAO UNDP	Jan. 85 - Jun. 85 Jun. 86 - Jul. 86	Animal Health Expert	Management of TCP/LAO/4406" Purchase & control appropriate use of material". Supervise vaccination campaign (Rinderpest, Anthrax, BQ, HS, FMD). Assess health's status of livestock in the country, co-ordinate activities with other projects. Training local personnel in the field.
Benin	FAO	Jun. 84 - Oct. 84	Co-ordinator	Co-ordinate veterinary and livestock projects and have necessary meetings with Government and U.N. officials. Draft project documents for 2 projects, i.e. "Veterinary Dispensaries" and "Emergency Aid to Livestock against Drought".
Lao & Cambodia	FAO	1981-1984	Co-ordinator	Co-ordinate veterinary and livestock projects in Laos and Cambodia, missions of 2 to 6 months, repeatedly. To supervise various projects of emergency vaccination and support to veterinary services.

17. Publications:

A list of Mr. Leperre's many publications is available on request.

Copies of certificates of P. Leperre



UNIVERSITÉ DE L'ÉTAT A LIÈGE

Vu et enregistré par la Commission Médicale du Brabant
Le 5 juin 19[illegible] n° 11.838
Le Secrétaire, Le Président,

Nous, Président, Secrétaire et Membres du Jury chargé par la Faculté de médecine vétérinaire de l'Université de l'Etat à Liège de conférer le grade de docteur en médecine vétérinaire ;

Agissant sur Monsieur Philippe Leperre, né à Uccle
le 15 décembre 1948, est porteur d'un diplôme de candidat en sciences vétérinaires délivré par la Faculté de Médecine Vétérinaire
le 30 septembre 1977, et entériné le 24 janvier 1980.

Attendu qu'il a subi d'une manière satisfaisante, le 29 septembre 1978 la première épreuve de l'examen de doctorat en médecine vétérinaire ayant porté sur les matières suivantes : l'anatomie pathologique ; la physiologie et la biochimie pathologiques ; la microbiologie médicale ; la parasitologie et la pathologie des maladies parasitaires (1re partie) ; la sémiologie ; la pharmacologie, pharmacothérapie, préparation des médicaments et toxicologie (1re partie) ; la chirurgie (1re partie) ; l'hygiène ; la sélection et l'appréciation des animaux domestiques (1re partie) ;

Attendu qu'il a subi d'une manière satisfaisante, le 28 septembre 1979 la deuxième épreuve de cet examen ayant porté sur les matières suivantes : la parasitologie et pathologie des maladies parasitaires (2e partie) ; la pathologie médicale ; la pathologie des maladies infectieuses et tropicales (1re partie) ; la pathologie de la reproduction, obstétrique et insémination artificielle ; la chirurgie (2e partie) ; l'hygiène et la technologie des denrées alimentaires d'origine animale (1re partie) ; la nutrition et l'alimentation des animaux domestiques (1re partie) ; et qu'il a subi des épreuves pratiques sur l'anatomie pathologique ; la pharmacologie, pharmacothérapie, préparation des médicaments et toxicologie (2e partie) ; la pathologie de la reproduction, obstétrique et insémination artificielle (1re partie) ; la chirurgie (2e partie) ;

Attendu qu'il a subi d'une manière satisfaisante, le 3 octobre 1980 la troisième épreuve de cet examen ayant porté sur les matières suivantes : la pharmacologie, pharmacothérapie, préparation des médicaments et toxicologie (2e partie) ; la pathologie des maladies infectieuses et tropicales (2e partie) ; l'hygiène et la technologie des denrées alimentaires d'origine animale (2e partie) ; la législation vétérinaire et déontologie ; la nutrition et alimentation des animaux domestiques (2e partie) ; l'économie rurale et qu'il a subi des épreuves pratiques sur : la pharmacologie, pharmacothérapie, préparation des médicaments et toxicologie (3e partie) ; la pathologie de la reproduction, obstétrique et insémination artificielle (2e partie) ; les cliniques ; les autopsies ; l'hygiène ; l'hygiène et la technologie des denrées alimentaires d'origine animale ; la sélection et appréciation des animaux domestiques (2e partie) ; la nutrition et alimentation des animaux domestiques.

Avons conféré et conférons à Monsieur Philippe Leperre le grade de DOCTEUR EN MEDECINE VETERINAIRE.

En foi de quoi nous lui avons délivré le présent diplôme, apposant en même temps que Monsieur Philippe Leperre à ses résultats d'élèves de la Faculté de médecine vétérinaire de l'Université de l'Etat à Liège et que les prescriptions des lois coordonnées sur la collation des grades académiques et les programmes des examens universitaires ont été observées.

Fait à Bruxelles (Cureghem), le 3 octobre 1980.

Au nom de Sa Majesté le Roi des Belges,
Nous, Président et Membres de la Commission spéciale d'enseignement instituée en vertu des lois coordonnées le 31 décembre 1949 ;
Attestons que le présent diplôme a été délivré régulièrement et que toutes les conditions prescrites par la loi ont été observées.
En foi de quoi, nous l'avons entériné aujourd'hui 11-12-1981
N° 2226 folio 52 du registre, et enregistré sous le
Bruxelles, le 11-12-1981
Pour la Commission,

Le Secrétaire, Les Membres, Le Président,

Le Membre Secrétaire, Le Président,

Signature du porteur, Le Recteur,

A392

St. George University
International

Make known to all whom these letters may come: Greetings
Having successfully pursued the course of studies
And by recommendation of the University Faculty and the Academic Parent
They have conferred upon

Philippe Leperre

The degree of

Doctor of Philosophy in Fauna and Environment Management

With all the rights, privileges, and honours pertaining thereto
In testimony whereof, by authority properly committed
Witness the seal of the University and the signature of the officers
Given this 1st *day of* June, 1999

President

Registrar

INSTITUT DE MÉDECINE TROPICALE
PRINCE LÉOPOLD

ANVERS — BELGIQUE

Nous, Président, Secrétaire et Membres du Jury chargés de procéder aux examens pour l'obtention du diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES :

Attendu que M Philippe Leperre né(e) à Ucccle le 15 décembre 1948

est porteur du diplôme de Docteur en Médecine Vétérinaire

délivré le 2 octobre 1980 par l'Université de Liège

Attendu qu'il a subi avec distinction l'examen sur les matières suivantes pour l'obtention du diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES :

— *Problèmes de Santé Animale dans les pays tropicaux : Maladies infectieuses, Maladies à protozoaires, Maladies à helminthes, Lutte contre les vecteurs, Hygiène des denrées alimentaires d'origine animale, Prophylaxie*

— *Problèmes de Production Animale dans les pays tropicaux : Problèmes agronomiques, zootechniques, nutritionnels, gestionnels, économiques ; Exploitation animale,*

Attendu qu'il a subi également un examen pratique portant sur :

Les maladies à protozoaires, les maladies à helminthes, la lutte contre les vecteurs,

Avons délivré et délivrons à M Philippe Leperre

le diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES, attestant en même temps qu'il a suivi réellement des cours à l'Institut de Médecine Tropicale Prince Léopold et que les prescriptions réglementaires quant à la durée des études (une année académique) et à la publicité des examens ont été observées.

Fait à Anvers, le 26 juin 1981

Le Secrétaire,

Les Examinateurs,

Le Président,

Le Porteur,

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

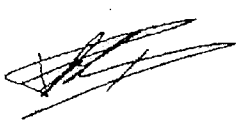
Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Geneva, 30 August 2002

Signature: 

Name : Philippe Leperre

CURRICULUM VITAE

Proposed position in the project: Technical Assistant to PACE Sudan

1. **Family name:** VIVIANI
2. **First names:** Paolo
3. **Date and Place of birth:** 24 October 1956, Roma
4. **Nationality:** Italian
5. **Civil status and number of dependants:** Married
6. **Education:**

Institution:	Faculty of Veterinary Medicine, University of Perugia, Italy
Date:	1975-1983
Degree(s) or Diploma(s) obtained:	Degree in Veterinary Medicine

Institution:	State Lyceum of Classical Studies "F. Vivona" – Rome - Italy
Date:	1970-1975
Degree(s) or Diploma(s) obtained:	High Senior School diploma

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
Italian	1	1	1
French	1	1	1
English	1	1	1
Spanish	3	4	4
Portuguese	3	4	4

8. **Other skills** *(e.g. computer literacy, etc.)*:
Computer literacy: MS Office, MS Project, SAS, Internet, Audiovisual.

9. **Present position:** Senior International Consultant.

10. **Years of professional experience** *(relevant to the programme)*: Over 20 years.

11. **Years within the firm:** Not relevant.

12. **Key qualifications** *(relevant to the programme)*:
- Financial and administrative management of animal health control programme.
- Design and implementation of large-scale disease control (mainly Rinderpest and Trypanosomosis).
- Preparation of annual workplan and cost estimates.
- Establishment of contracts for services and supplies in accordance with EDF procedures.
- Supervising of diagnostic laboratory in terms of methods and equipments.
- Privatization of veterinary services and set up/upgrade of self sustainable, community supported field veterinary infrastructure.
- Development of epidemiological database and information management.
- Very good knowledge of EDF procedures.
- Capable of organising and leading multidisciplinary and multinational teams of experts operating in difficult environment.

13. **Experience with projects financed by international organisations** *(country, project, years)*:
Western, Central and Eastern Africa, Eastern Europe, China – Numerous short-term or mid-term assignments (EU,

14. Specific Developing Countries Experience:

Country	Org.	Date	Position	Job Description
Albania	EU	Mar. 01 - To date	Team Leader	AL 98 05 04 EU-Phare project "Rehabilitation of Veterinary Services". Identification and implementation of a EU-compliant cattle identification and holding registration system for 7 districts with scope for nation-wide extension. Legal environment approximation to EU standards. Tender preparation and evaluation. Identification and implementation of training for stakeholders. Reporting. Preparation of feasibility study for implementation of cattle I&R at nation-wide level. Organisation of meetings/workshops for activity planning and project review. Preparation of audiovisuals for information campaign.
Slovakia	EU	Sept. 01 Nov. 01 Jan. 02 - Feb. 02	Animal Identification Expert	SR 99 09 "Technical Assistance to the Harmonisation of the Animal Identification & Marking System". Review the national system for animal identification and holding registration. Review of the national animal Identification and Registration System. Participation to a workshop for the development of a strategy to implement an EU-compatible I&R system.
Rwanda	UNDP	Jan. 01 - Feb. 01	Livestock Expert	RWA/98/B11 BL 22.07 "Goat Breeding to Reinforce Food Security through Income Generating Activities". Rehabilitation of the small ruminant sector through the promotion of goat breeding among selected farmers' associations. Transfer of breeding management know-how through training sessions. Natural animal feeding resources improvement. Implementation of a socio-economic survey among farmers. Preparation of the project work-plan including the design for a central unit animal production monitoring and a small scale animal identification system.
China	EU	Nov. 00 - Dec. 00 Jan. 01 - Oct. 00 Aug. 99 - Oct. 99 Apr. 99 - Jun. 99	Veterinary Expert	ALA/CHN/95/17 "EU-China Dairy Development Project". Technical Assistance to promote the dairy sector and the related veterinary service. Training of veterinarian field staff in dairy animal health; Animal management improvement in respect of poor reproductive performance. Assistance and advice to area development authorities and farmer associations. Preparation of the Chinese dairy industry strategic development proposal.
Guinea	WB Min. of Agr.	Oct. 00 - Nov. 00	Livestock Expert	"Programme National d'Amélioration Génétique du Cheptel en Guinée". Preparation of a national strategy for the livestock genetic improvement.
Albania	EU	Jun. 99 - Jul. 99	Veterinary Public Health Expert	AL 97 Vet 1 "Technical Assistance to the veterinary Directorate". Strengthening of the governmental animal health services at ministerial and district levels. Assessment and evaluation of the legal environment related to the veterinary public health, the prevailing control system for animal origin products, animal feed, veterinary drugs, the main control structures. To propose a comprehensive strategy for the approximation to the E.U. legislation.
Yemen	Italian Coop.	Feb. 99 - Mar. 99	Veterinary Expert	"Rehabilitation and strengthening of Quarantine Veterinary Services" Preparation of the project proposal.
Chad	EU	Mar. 98 - Dec. 98	Technical Assistant Senior – Team Leader	801/PAON/FED/95 "PanAfrican Rinderpest Campaign - PARC II". Animal health improvement and strengthening of veterinary services. Adviser of the national co-ordinator and deputy national co-ordinator. Planning, co-ordination and monitoring of the activities. Preparation of tenders. Responsible with the national co-ordinator for the financial execution of the project. Identification and preparation of training programmes for the project staff. Responsible for the implementation of the Veterinary Services privatisation scheme. Improvement of the privatisation regulation. Assistance to the missions and co-ordination

Country	Org.	Date	Position	Job Description
Rwanda	Italian Coop.	Dec. 97	Livestock Expert - Team Leader	RW/5076-95/62 "Réhabilitation des terres pour l'autosuffisance alimentaire dans la Préfecture de Kibungo".
Tajikistan	EU	Oct. 97 - Nov. 97	Livestock & Animal Health Expert	TACIS FDTA9401 "Establishment of a Strategy and Planning Advisory Unit for Agriculture".
Rwanda	Italian Coop.	Mar. 97 - Oct. 97	Co-ordinator Livestock Expert	RW/5076-95/62 "Réhabilitation des terres pour l'autosuffisance alimentaire dans la Préfecture de Kibungo". Responsible for the local CINS office (6 international staff). Smallholders goats breeding strengthening and farmer group promotion and monitoring. Data collection system and data banking set-up. Identification and proposal of the project "Amélioration de la sécurité alimentaire en Préfecture de Kibungo et de Umutara à travers le renforcement de l'élevage caprin" (UNDP).
Guinea	EU	Oct. 91 - Jul. 96	Team leader Project Co-Director from Aug. 1995 to Jul. 1996. Veterinary Expert from Oct. 1991 to Jul. 1995	"Programme d'Amélioration de la Race N'Dama - PARN". Bovine genetic improvement programme based on veterinary, agronomic and social components. Co-ordination of the technical assistance activities (veterinary, agropastoralism, extension). Administrative and logistics management. Set up and implementation of a cattle open nucleus breeding programme. Editing of studies on traditional breeding systems and animal productions. Environment monitoring (Tsetse and Trypanosomiasis rates). Animal health. Introduction of a computerised system for data analysis. Extension of zootechnic and sanitary techniques among the local farmers. Supervision of laboratory activities. Development of milk production. Training of national staff. Participation to promotion of national and local meetings on animal production improvement.
Gabon	FAO	Feb. 90 - Feb. 91	Associated Professional Officer attached to ILCA. Team Leader of ATLN	ATLN. African Trypanotolerant Livestock Network. Research studies on bovine trypanotolerance. Implementation of research studies on Bovine trypanotolerance and reproductive performance. Supervision of the laboratory activity. Introduction of a computerised system for laboratory and herd data management.
Ethiopia	FAO	Feb. 88 - Feb. 90	Associated Professional Officer attached to ILCA	"International Livestock Centre for Africa". Research studies on ovine and zebu reproduction. Formulation of research protocol proposals and studies implementation on ovine reproduction; Collaboration on studies concerning Zebu and ovine reproduction.
India	Italian Coop.	Jan. 85 - Mar. 85	Trainer	Training of NGOs local staff to be extensionist on basic and preventive animal health care, exploitation of bio-products, cattle feeding improvement. Technical evaluation of the integrated rural development project based in Maharashtra, Tamil Nadu and Bihar States.

15. Membership of professional bodies:

Italian Society of Veterinary Sciences (SISVET), Order of Doctors in Veterinary Medicine of Province of Rome.

16. Other relevant professional experience:

Country	Org.	Date:	Position	Job Description
Italy	EU	Nov. 99	Lecturer	Delivering of a training on dairy farm analysis and management within the project ALA/CHN/95/17 "EU-China Dairy Development Project".
Albania	Italian Cooperation	Feb. 99	Veterinary	Veterinary sector project identification.
Italy	IVOG	Aug. 96 - Feb. 97	Consultant	University of Perugia, Italy. Scientific collaboration for the editing of the Italian edition of: P.G.G. Jackson, Handbook of Veterinary Obstetrics, W.B. Saunders Company Limited, London.
Italy	EPSA, Madrid	Oct. 95	Consultant	Preparation of the methodology for the tender "Assistance technique à la Campagne Panafricaine contre la Peste Bovine PARC Phase I 5007/002 FED".
Italy	IVOG	Feb. 91 - Oct. 91	Consultant	University of Perugia, Italy. Scientific collaboration for the determination of hormonal patterns in Ethiopian Highland sheep and the exploitation of biotechnology on small ruminants reproduction.
Italy	BBR	Sept. 85 - Jan. 88	Pharmaceutical Adviser	Promotion and marketing of the firm medical production Boehringer Biochemia Robin Spa, Milano, Italy.
Italy	SID	Jun. 85 - Jul. 85	Consultant	Society for International Development. Organisation of the 18th SID World Congress.
Italy	Self-empl.	Apr. 84 - Sept. 85	Practitioner	Clinics and Surgery for pets. Rome - Italy.

17. Publications:

A list of Mr. Viviani's many publications is available on request.

Copies of certificates of P.Viviani



REPVBBLICA ITALIANA

IN NOME DELLA LEGGE

NOI PROF. Giancarlo Orsini

RETTORE DELLA VNIVERSITA' DEGLI STVDI DI PERVGIA

VEDVTI GLI ATTESTATI DEGLI STVDI COMPIVTI

DAL SIG. Carlo Viviani

NATO A [illegible] IL [illegible]

VEDVTO IL RISVLTATO DELL'ESAME DI LAVREA DA LVI SVPERATO

IN QVESTA VNIVERSITA' IL GIORNO [illegible]

GLI CONFERIAMO LA LAVREA DI DOTTORE IN

[illegible] 246 edicina Veterinaria

IL PRESENTE DIPLOMA VIENE RILASCIATO A TVTTI GLI EFFETTI DI LEGGE

DATO IN QVESTA VNIVERSITA' DEGLI STVDI DI PERVGIA ADDI' [illegible]

IL RETTORE

IL DIRETTORE AMMINISTRATIVO

IL PRESIDE DELLA FACOLTA'

SIGILLVM GENERALE VNIVERSITATIS PERVSINAE

BALLVS

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

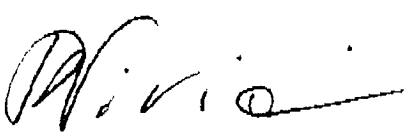
Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned Mr Paolo VIVIANI hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: 23/8/02

Signature: 

Name : Paolo VIVIANI

Annex C.3

Curricula Vitae
Copies of Certificates
Copies of Statements of Exclusivity and Availability

of Reserve Long-term Experts

CURRICULUM VITAE

Proposed position in the project: Reserve Technical Assistant to the National Projects of PACE

1. **Family name:** MOORHOUSE
2. **First names:** Peter David Stanley
3. **Date and Place of birth:** 24 July 1943, Sutton Coldfield, UK
4. **Nationality:** British
5. **Civil status and number of dependants:** Married, one dependant
6. **Education:**

Institution	Faculty of veterinary Science, University of Liverpool, UK
Date: from (month/year) to (month/year)	September 1963 - July 1968
Degree(s) or Diploma(s) obtained:	BVSc with honours

Institution	School of Veterinary Medicine, Louisiana State University, US
Date: from (month/year) to (month/year)	May 1999 - December 2000
Degree(s) or Diploma(s) obtained:	M.S. – vet. epidemiology, statistics, economics, immunology

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
Swahili	5	5	5
Spanish	5	4	5
French	5	5	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Computer literacy. Skilled in: MS Word; MS Excel; MS Powerpoint; Database design and development using MS Access customised with extensive VisualBasic programming; ESRI ArcView including linking ArcView to Excel and Access data sources.
9. **Present position:** Project Manager, Livestock Services Development Programme, Kuwait . Senior Consultant of RDP Livestock Services
10. **Years of professional experience** *(relevant to the programme)*: >20
11. **Years within the firm:** 7
12. **Key qualifications** *(relevant to the programme)*: Veterinary epidemiology; Disease surveillance; Disease monitoring systems; Epidemiological studies; Disease control planning; Computerized database management systems; GIS; Project management.
13. **Experience with projects financed by international organisations** *(country, project, years)*: **Kenya**, Veterinary Laboratory and Clinical Centres project (FAO/DANIDA), 1974 to 1977; **Bangladesh**, Dairy Cooperative programme (FAO/UNDP), 1977 to 1979; **Bhutan**, Establishment of Veterinary Laboratory (FAO/UNDP), 1981 to 1982; **Zambia**, Animal Disease Control Project (FAO/UNDP), 1982 to 1987; **Somalia**, Formulation of Animal Health Project (FAO/UNDP), 1988 to 1989; **Ethiopia**, Fourth Livestock Development Project (World Bank) 1990 to 1992.
    Numerous short term assignments funded by World Bank, DfID, UNDP, FAO, African Development Bank, EDF, etc - see overleaf.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Azerbaijan	State Vet. Services /WB loan project	02/2002 – 05/2002	Veterinary epidemiologist	Planned animal disease and production studies, developed computerized database for disease survey data. Developed geo-referenced national disease surveillance system.
Cambodia	Department of Animal Health & Production. WB loan project – Agricultural Productivity Improvement	04/2000 – 09/2002 04/2001 – 08/2001 11/2001 – 12/2001 03/2002 – 04/2002	Veterinary epidemiologist	Assisted in establishment of veterinary epidemiology unit and design of national disease surveillance and monitoring system. Conducted staff training. Assisted in establishment of standardized district reports, systematic outbreak investigations, animal health and production questionnaire surveys, and national serum bank. Developed and installed required database management systems linked to ArcView GIS system. Prepared strategy plan for epidemiology unit.
Macedonia	State Veterinary Directorate. World Bank loan project – Private Farmer Support project	02/1997 08/1998 02/1999 10/1999 10/2000 – 11/2000 11/2001	Veterinary Epidemiologist / data management consultant	Re-drafted ToR and work plan for animal health component of project. Assisted in design of a national disease surveillance and monitoring system (NADS). Assisted in design and prepared technical ToR for a computerized database management system for NADS and related GISA system. Prepared ToR and strategy plan for epidemiology unit. Conducted workshops for veterinary inspectors. Designed and supervised field studies.
Croatia	State Veterinary Directorate. World Bank loan project – FSSP.	05/1998 – 06/1998 09/1999 – 10/1999 11/2000 – 12/2000.	Epidemiologist / data management consultant	Assessed capability for disease surveillance, disease control planning and data management. Presented strategy options to improve data collection and use of information. Assisted in conceptual designs of database management systems. Conducted training.
Greater Horn of Africa	OAU-IBAR and state veterinary services. DfID funded study	11/1999 – 12/1999	Epidemiologist and Institutions Specialist	Assisted in appraising a DfID concept note related to pastoral livelihoods in the Greater Horn of Africa. The appraisal considered the potential of community-based animal health delivery systems as an entry point for non-veterinary interventions.
Eastern Europe	PHARE multi-country project.	10/1999 – 11/1999	Disease surveillance specialist	Assisted in preparation of audits of the national surveillance systems and surveillance chains.
Kenya	State Veterinary Services. AfDB – funded study	06/1999 – 07/1999	Animal Health Consultant	Formulation of an AfDB funded livestock development programme for Kenya. Assessed overall impact of disease on the animal production sector; proposed strategies to be adopted to alleviate identified constraints; and provided cost and physical data for proposed interventions.
Sultanate of Oman	GRM International Pty Ltd. and Ministry of Agriculture	05/1992 – 06/1999	Regional Manager	Implemented / supervised GRM projects in West Asia, South Asia and Central Asia. In Oman, these included a National Livestock Vaccination Project, a Desert Agriculture Project, a Soil Survey Project, a Soil and Water Salinity Study, and several feasibility studies.
East Africa	EU	01/1999 – 04/1999	Animal Health Specialist	Study for the Formulation and Assessment of a Livestock Development Programme for Eastern Africa.

Country	Organisation	Date: From/to	Position	Job Description
Ethiopia	State Veterinary Service/PARC		Cost recovery expert	Reviewed cost recovery policies. Conducted participatory surveys of stakeholders and analyses of data. Recommended medium term cost recovery and privatisation policies.
China	EU	May-Jun 1997. 1 m	Veterinary Services Consultant	Qinghai Livestock Development Project. Undertook participatory appraisal of animal health delivery systems.
Pakistan	ADB	03/1996	Veterinary epidemiologist	Reviewed the disease occurrence data collection systems of the veterinary field service. Recommended practical strategies for the collection of disease occurrence data.
Ethiopia	World Bank loan project – 4th LDP	07/1993 – 09/1993	Veterinary epidemiologist	Developed computer-based stochastic simulation models for rinderpest, foot and mouth disease and contagious caprine pleuropneumonia.
Ethiopia	World Bank loan project – 4th LDP	01/1990 – 04/1992	Senior Veterinary Epidemiologist	Advised and assisted in establishment a veterinary epidemiology and economics unit / animal health and productivity information centre.
Various	PAN Livestock Services	08/1988 – 07/1989	Veterinary Epidemiologist.	Participated in training programme of the related Veterinary Epidemiology and economics Research Unit.
Turkey	World Bank funded, FAO implemented project	06/1988 – 08/1988 03/1989 – 08/1989	Veterinary epidemiologist	Carried out a livestock health and productivity survey, formulated disease control strategies. Undertook an investigation of FMD, designed a national surveillance and monitoring system.
Pakistan	FAO/UNDP project	11/1989 – 12/1989	Veterinary Epidemiologist	Livestock disease and productivity surveys, data collection, management and use. Conducted a course in practical veterinary epidemiology.
Somalia	FAO/UNDP project.	06/1987 – 03/1988	Veterinary Advisor	Formulation of a 3-year project to establish a national epidemiology unit and national disease surveillance system.
Zambia	FAO/UNDP	04/1982 – 04/1987	Veterinary Epidemiologist	Assisted in establishment of a national veterinary epidemiology unit and its services.
Vietnam	FAO/UNDP	06/1985 – 07/1985		Prepared and conducted a training course for veterinarians on veterinary epidemiology and disease surveillance.
Bhutan	FAO/UNDP	03/1981 – 02/1982	Veterinary training officer	Planned, organised and implementing training courses for para-veterinary field staff. Advised upon disease surveillance and organisation of veterinary services.
Bangladesh	FAO/UNDP	07/1977 – 05/1978	Veterainry extension officer	Designed and established a veterinary clinical and extension service for small-scale milk producers in 3 milkshed areas.
Kenya	FAO/ DANIDA	12/1974 – 06/1977	Veterinary Clinician	Established a government-subsidised veterinary clinical service for small-scale dairy farmers in each of 4 districts
Kenya	UK OSAS	11/1969 – 10/1974	District veterinary officer	Implemented disease control programmes, comprising surveillance and monitoring, movement controls, and vaccination for a number of diseases including rinderpest, foot and mouth disease and blackquarter.

15. Membership of professional bodies:

- Member of the Royal College of Veterinary Surgeons (UK)
- Member of British Veterinary Association (UK)
- Member of Society for Veterinary Epidemiology and Preventive Medicine (UK)

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
USA	School of Veterinary Medicine, Louisiana State University	01/1990 – 12/2000	Teaching and research associate	Database development (using SAS), establish State animal serum bank, study serological characteristics of aged sera. Teach undergraduates.

17. Publications:

Moorhouse, P.D.S., McLelland J., and King A.S., 1964. Observations on the Structure and Function of the Nasal Gland of Gallus domesticus. Proceedings of the Anatomical Society of Great Britain and Ireland, J.Anat., 99 2: 411

Ali et al, 1978. The Potential for Improving Milk Production of Small Scale Farmers Offered by a Marketing and Extension oriented Cooperative Organisation – A Case Study in Bangladesh. Proceedings of the IV World Conference on Animal Production, Buenos Aires, August 1978.

Moorhouse, P.D.S. & Hugh-Jones, M.E., 1981. Serum Banks, Veterinary Bulletin 51 (5): 277-90

Moorhouse, P.D.S., Hugh-Jones, M.E., Barta, O. & Swann, A.I., 1982. Leptospiral and brucella titres in frozen bovine sera after twenty years storage. American Journal of Veterinary Research 43: 2031-34.

Hugh-Jones, M.E., Moorhouse, P.D.S. & Segar, C.L., 1984. Serological study of the incidence and prevalence of antibodies to bovine leukaemia in aged sera. Canadian Journal of Comparative medicine 48:422-424.

Corten, J.J.F.M., ter Herne, A.A.H.M., Moorhouse, P.D.S., and de Rooij, R.C. Prevalence of trypanosomiasis in cattle in south-west Zambia. 1988. Trop. Anim. Hlth. Prod. 20, 78-84.

Hussein, N.A., Snacken, M.S., Moorhouse, P.D.S., and Moussa, M.I. 1985. A Serological study of Rift Valley Fever in Zambia. Rev. Sci. Tech. Off. Int. Epiz., 4 (2), 325-330.

Moorhouse, P.D.S., Musisi, F.L., Mwase, E.T., and Snacken, M.S., 1985. The epidemiology of bovine theileriosis in Zambia: Results of a longitudinal field study in Southern Province. Proc IV Intl. Sym. Vet. Epid. & Econ,. Singapore, 18-22 November.

Zyambo, G.C.N., de Rooij, R.C., Moorhouse, P.D.S., and Schels, F.H. 1985. The emergence of haemorrhagic septicaemia as a disease of economic importance in Zambia. Proc IV Intl. Sym. Vet. Epid. & Econ,. Singapore, 18-22 November 1985.

Jongejan, F., Musisi, F.L., Moorhouse, P.D.S., Snacken, M., and Uilenberg, G. (1986) Theileria taurotragi in Zambia. The Veterinary Quarterly, 8 (3).

Rossiter, P.B., Taylor, W.P., Bwangamoi, B., Ngereza, A.R.H., Moorhouse, P.D.S., Haresnape, J.M., Wafula, J.S., Nyange, J.F.C. and Gumm, I.D. 1987. Continuing presence of rinderpest virus as a threat in East Africa. Vet. Rec. 120 (3), 59-62.

Ghirotti, M., Moorhouse, P.D.S., Mungaba, F.N., Samui, K. 1988. Control of malignant Theileriosis in Southern Province of Zambia. A review of its epidemiology. La Medicina Trop. 4 (4) 160-164.

THE UNIVERSITY OF LIVERPOOL

FACULTY OF VETERINARY SCIENCE

DEGREE OF BACHELOR OF VETERINARY SCIENCE WITH HONOURS

WE HEREBY CERTIFY THAT

PETER DAVID STANLEY MOORHOUSE

HAVING ATTENDED APPROVED COURSES OF STUDY IN THE UNIVERSITY AND HAVING SATISFIED THE EXAMINERS WAS ADMITTED BY RESOLUTION OF THE SENATE TO THE DEGREE OF BACHELOR OF VETERINARY SCIENCE WITH SECOND CLASS HONOURS ON THE ELEVENTH DAY OF JULY 19 68

W. H. F. Barnes — VICE-CHANCELLOR

D. L. Hughes — DEAN OF THE FACULTY OF VETERINARY SCIENCE

REGISTRAR

Louisiana State University

and

Agricultural and Mechanical College

On the nomination of the Faculty of the

Graduate School

has conferred upon

Peter David Moorhouse

the degree of

Master of Science

with all the Honors, Rights and Privileges to that degree appertaining.

In Testimony Whereof, the seal of the University and the signatures as authorized by the Board of Supervisors are hereunto affixed. Given at Baton Rouge, Louisiana December nineteenth, nineteen hundred and eighty.

Chairman of the Board of Supervisors

President

Chancellor

Dean

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Kuwait 9 August 2002

Signature:

Name : Peter Moolhouse

CURRICULUM VITAE

Proposed position in the project: Reserve Technical Assistant to the National Projects of PACE

1. **Family name:** ABBA ISSA
2. **First names:** Alambédji
3. **Date and Place of birth:** 1956 at Bosso (Diffa), Republic of Niger
4. **Nationality:** Nigerien
5. **Civil status and number of dependants:** Married, 4 dependants
6. **Education:**

Institution	Ecole Inter Etats des Sciences et Médecine Vétérinaires (E.I.S.M.V.) de Dakar, Sénégal
Date: from (month/year) to (month/year)	1978 to 1984
Degree(s) or Diploma(s) obtained:	Doctorate in Veterinary Sciences

Institution	CESAG, Dakar, Senegal
Date: from (month/year) to (month/year)	November 1989 - March 1990
Degree(s) or Diploma(s) obtained:	Certificate in Management

Institution	Louisiana State University, USA
Date: from (month/year) to (month/year)	1992 to 1994
Degree(s) or Diploma(s) obtained:	M.Sc. Agricultural Economics and Agribusiness

7. **Language skills:** Indicative competence on a scale of 1 to 5 (1 – excellent; 5 – basic)

Language	*Reading*	*Speaking*	*Writing*
French	1	1	1
English	2	2	2

8. **Other skills** (e.g. computer literacy, etc.): Statistical and econometric software: SAS, SPSS, SHAZAM; Word processors: WordPerfect, Word; Spreadsheets: such as Lotus, Excel, QuatroPro; Databases: such as Dbase; Desktop publishing: PageMaker; Various software on project management, linear programming, etc.
9. **Present position:** Consultant
10. **Years of professional experience:** 17
11. **Years within the firm:** 3
12. **Key qualifications** (relevant to the programme)**:** Animal health and production economics; Agricultural policy analysis; Agricultural Project Planning, Project management; Agricultural products marketing; Agricultural marketing Research; Privatization of veterinary services delivery; Statistical and econometric data analysis.
13. **Experience with projects financed by international organisations:** *(country, project, years):* **Niger**, NGO 'Democracy 2000' projects (SDC,USAID,EU), 1998 – 2001; **Niger**, PARC II (EU), 1996 – 1998; **Niger**, Extension Program in Animal Production (WB), 1990 – 1991; **Niger**, Support Program to Intensive Animal Production (USAID), 1987 – 1990.

14. Specific Developing Countries Experience:

Country	Organization	Date: From/to	Position	Job Description
Senegal	Local Development Programme of Thiés	03/2002	Technical Assistant	Provision of training to project staff on project planning, management and evaluation
Senegal	Independent Consultant	2001 to date	Consultant	Tender proposal formulation; Study design; Data collection and analysis; Reporting.
Niger	Independent Consultant	1998 - 2001	Consultant	Tender proposal formulation; Study design; Data collection and analysis; Reporting. Coordinator of the NGO 'Democracy 2000' projects: • Information campaign on decentralization Project, Switzerland Cooperation in Niger, 1998; • Electoral training, Switzerland Cooperation, 1998; • Civil Society Capacity Building Pilot Project, USAID, 1998; • Project of Civism Promotion at schools, EU, 2001.
Niger	CARE International/ DANIDA	11/2000	Consultant	Evaluation of organizational capabilities of Local Civil Society in Diffa Department
Niger	SDC	07/2000	Consultant	Feasibility study of the Urban Development Program of Gaya, Niger.
Niger	EU – PARC II	06/1999	Consultant	Design and development of private veterinarian installation guidebook in Niger. This guidebook comprises four parts: • Entrepreneurship and project ideas; • Feasibility study: market research, technical and financial studies; • Business development procedures; • Start up activities and enterprise management.
Niger	World Bank	11/1998 – 12/1998	Consultant	Market research of products and services of National Institute of Agronomic Research of Niger (INRAN). The research focused on the demand of INRAN's products and services and the proposition of a marketing plan to improve the promotion of the institute's products and services.
Niger	UNDP – SNV	08/1998	Consultant	Survey on small ruminants (SR) and donkeys marketing in Bankilaré zone, Téra, North Téra Project, near the borders with Mali and Burkina Faso
Niger	Ministry of Agriculture and Animal Husbandry	1996 - 1998	Head of privatization section of the EU funded PARC II project	The main activities of this section are: • Updating legislation in order to enhance the establishment and the development of private veterinarians; • Periodic assessments of the veterinary products and services' market; • Setting up a credit line, an education program and a monitoring and evaluation system for private veterinary practices.
Niger	Ministry of Agriculture and Animal Husbandry	1991 - 1995	National Director of Agricultural Planning	Overall responsible for the implementation of Agricultural development programs and identification of new projects. Duties included: • Public investment programming in the agricultural sector; • General development studies in the rural sector; • Monitoring and Evaluation of programs and projects in agriculture development; • Policy analysis and agricultural statistics; • Conception of adjustment policies in the agricultural sector and setting up rural credit systems.

Country	Organization	Date: From/to	Position	Job Description
Niger	Ministry of Agriculture and Animal Husbandry	1987 - 1991	Deputy National Director of Livestock Services	• Planning, coordination and evaluation of livestock development policies; • Formulation, implementation, and evaluation of animal health and production programmes; • Collection and analysis of animal production and health data, etc; • Coordinator of a Support Program to Intensive animal production (PAESI) financed by USAID, whose main objective was the promotion of the intensive animal production in Niger; • Coordinator of the Extension Program in Animal Production (PRSAA), financed by the World Bank, with a primary goal of extension of techniques and knowledge in agriculture and animal husbandry.
Niger	Ministry of Agriculture and Animal Husbandry	1985 - 1987	Provincial Director of Animal Resources	Planning, organization, coordination and evaluation of public veterinary services

15. Membership of professional bodies:

- Member of the National Veterinary Association of Niger (ANVN)
- Member of the African Veterinary Association
- Member of the American Agricultural Economists Association (1993 – 1995)
- Member of the West African Research Association (WARA) based in West African Research Center

16. Other relevant professional experience:

Country	Organization	Date: From/to	Position	Job Description
Niger	NGO "Democracy 2000"	1996 –2001	Secretary General	Planning, coordination and evaluating NGO's activities and projects.

17. Publications: Numerous project and mission reports

Copies of certificates of A. Abba Issa



CENTRE AFRICAIN D'ETUDES SUPERIEURES EN GESTION

CESAG

Département de Formation Permanente

PROGRAMME DE FORMATION AU MANAGEMENT

Le Directeur Général du CESAG

certifie que M onsieur ABBA ISSA Alambedji

né le 1956 à BOSSO (Niger)

a suivi avec assiduité du 2 Novembre 1989 au 15 Mars 1990

Le PROGRAMME DE FORMATION AU MANAGEMENT

et a satisfait à toutes les conditions requises pour l'obtention de cette attestation, délivrée pour valoir et servir ce que de droit.

Dakar, le 15 Mars 1990

Le Directeur Général du CESAG
P.o.

Le Directeur de la Formation Permanente :

UNIVERSITE DE DAKAR — Authentique

Diplôme d'Etat de Docteur Vétérinaire

Le Chef du Service des Affaires Juridiques et des Relations Internationales
Fama ATTOLODE

Le Ministre de l'Enseignement supérieur ;

VU la convention portant création et organisation de l'Ecole Inter-Etats des Sciences et Médecine vétérinaires, signée par les Chefs d'Etats du Gouvernement à Djaména (ex-Fort-Lamy) le 29 janvier 1971 ;

VU le décret n° 74-1004 du 2 octobre 1974 portant création à l'Université de Dakar d'un diplôme d'Etat de Docteur Vétérinaire délivré par la Faculté de Médecine et de Pharmacie ;

VU le certificat de fin de scolarité délivré le 24 Octobre 1983 par l'Ecole Inter-Etats des Sciences et Médecine vétérinaires de Dakar ;

VU le certificat d'aptitude au grade de Docteur Vétérinaire accordé le 21 Juin 1984... par le Jury d'examen siégeant à la Faculté de Médecine et de Pharmacie de Dakar à

Monsieur Alambédji ABBA ISSA

né à BOSSO (Niger) le vers 1956

Vu l'approbation donnée à ce Certificat par le Recteur de l'Université de Dakar, ratifiant le susdit Certificat;

donne par les présentes à Monsieur Alambédji ABBA ISSA *le Diplôme d'Etat de Docteur Vétérinaire, pour en jouir avec les droits et prérogatives qui y sont attachés par les lois, decrets et règlements.*

Fait à Dakar, le 30 MAI 1985

Pour expédition conforme et délivrance du diplôme, le RECTEUR,
Président de l'Assemblée de l'Université de Dakar
signé :

N° 13/UD/EISMV/1984

Le Ministre de l'Enseignement supérieur
signé : Le Ministre

MINISTERE DE L'ENSEIGNEMENT SUPERIEUR

Signature de l'impétrant :
IBA DER THIAM

Louisiana State University

and

Agricultural and Mechanical College

On the nomination of the Faculty of the
Graduate School
has conferred upon

Alambedji Abba Issa

the degree of

Master of Science

with all the Honors, Rights and Privileges to that degree appertaining.
In Testimony Whereof, the seal of the University and the signatures as authorized by the Board of Supervisors are hereunto affixed. Given at Baton Rouge, Louisiana December twenty-second, nineteen hundred and ninety-four.

Chairman of the Board of Supervisors

President

LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 1860

William E. Davis
Chancellor

Dean

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

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To Whom It May Concern:

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In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Dakar, july 27, 2002

Signature: 

Name : Dr Alambédji ABBA ISSA

CURRICULUM VITAE

Proposed position in the project: Reserve Technical Assistant to the National Projects of PACE

1. **Family name:** OBI
2. **First names:** Timothy Uzochukwu
3. **Date and Place of birth:** 9 April 1946, Okija, Nigeria
4. **Nationality:** Nigerian
5. **Civil status, number of dependants:** Married, 6 dependants
6. **Education:**

Institution	University of Ibadan, Nigeria
Date: from (month/year) to (month/year)	September 1966 to June 1973
Degree(s) or Diploma(s) obtained:	DVM

Institution	University of Glasgow, Veterinary College, Glasgow, Scotland
Date: from (month/year) to (month/year)	September 1977 to November 1978
Degree(s) or Diploma(s) obtained:	MVM

Institution	University of Ibadan, Ibadan (Staff part-time Postgraduate Researc
Date: from (month/year) to (month/year)	June 1980 to September 1984
Degree(s) or Diploma(s) obtained:	PhD.

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
Ibo	1	1	1
English	1	1	1
French	3	4	5
Arabic		5	

8. **Other skills** *(e.g. computer literacy, etc.)*: Literate with Word, Powerpoint, Excel, Access, TADinfo, EDI and SID
9. **Present position:** Senior OIC/Technical Officer, Animal Health, FAO SCR 986 Oil-for-Food Programme for Northern Iraq, Associated Consultant of RDP Livestock Services
10. **Years of professional experience** *(relevant to the programme)*: >25
11. **Years within the firm:** 1
12. **Key qualifications** *(relevant to the programme)*: Preparation of veterinary contingency plans, animal disease surveillance, veterinary epidemiology, training of laboratory staff, project management and administration.
13. **Experience with projects financed by international organisations** *(country, project, years)*: **Nigeria**, Nigeria-German Project, Mokwa Cattle Ranch, 1974-1975; **Nigeria**, International Livestock Research Institute, Ibadan, 1993-1998; **Nigeria**, PARC, 1989-1996, **Iraq**, Food for Oil Programme, 1998-present.
14. **Specific Developing Countries Experience:**

Country	Organisation	Date: From/to	Position	Job Description
Iraq	FAO	12/1998 – present (intermittent)	International Consultant /Team Leader, Animal Health and Production	Responsible for project management. Supervised the preparation of contingency plans for Rinderpest, PPR and FMD, and a plan for the control of brucellosis. Carried out routine surveillance of transboundary animal diseases.

Country	Organisation	Date: From/to	Position	Job Description
Kenya	IAEA/ FAO/ PARC	10/1997 – 11/1997	Consultant	Trouble-shooting ELISA for Rinderpest sero-monitoring
Uganda	FAO	12/1994	Consultant	Delineation of endemic foci of rinderpest and development of strategy for elimination
Sudan	FAO/IAEA/ PARC	04/1992 – 05/1992	Consultant	Training of laboratory staff in Rinderpest ELISA
Sudan	FAO/IAEA/ PARC	10/1990	Consultant	Training of laboratory and field staff on rinderpest sero-monitoring and diagnosis
Ghana	GTZ	04/1989	Consultant	Introduction of ELISA for rinderpest and PPR diagnosis
Gambia, Senegal Mali, Sudan, Somalia	FAO	08/1989 – 09/1989	Consultant	Assistance with the PARC sero-monitoring of rinderpest vaccination campaigns
Senegal	FAO	12/1989	Consultant	Development of an immunoperoxidase staining based system for the detection of adventitious viruses in tissue culture for vaccine production
Ethiopia	FAO/IAEA/ PARC	07/1987 – 08/1987	Consultant	Training of laboratory staff in rinderpest ELISA and validation of ELISA with SNT
Ghana	IAEA/PARC/ SIDA	10/1987 – 11/1987	Consultant	Training of staff in sampling for rinderpest sero-monitoring and in the use of ELISA in rinderpest diagnosis
Nigeria	University of Ibadan	1975 - 1998	Various positions: Lecturer; Prof. Veterinary Medicine (1988); Director Veterinary Teaching Hospital (1991).	Provision of technical advice and expert referral services to the University, the general public, the Nigerian Federal Department of Livestock and Pest Control Services, Oyo state dairy farm in Ibadan and the then International Livestock Centre for Africa, now, the International Livestock Research Institute, Ibadan.

15. Membership of professional bodies:

- Member of Nigerian Veterinary Medical Association;
- Fellow, Nigerian Institute of Biology;
- Member Pan African Virology Association;
- Country Representative, World Buiatrics Association.

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
Italy	FAO, Rome	05/1998 – 10/1999	Visiting Scientist of the EMPRES / IDG unit (AGAH).	• Preparation of early reaction manuals on animal disease recognition and on emergency preparedness and contingency planning. Backstopping Emergency Assistance on Control and Eradication of African swine Fever in Western Nigeria; • Evaluation of the status of contingency planning in Malawi for Foot and Mouth Disease (FMD), Contagious Bovine Pleuro-Pneumonia (CBPP) and Rinderpest; • Providing assistance with drawing up of FMD, CBPP and Rinderpest contingency plans for Malawi

				• Assessment of the status of Transboundary Animal diseases (TADs) that will be covered by the Pan-African Control of Epizootics (PACE) programme especially Rinderpest, PPR and CBPP; • Assisting the Nigerian Federal Department of Livestock and Pest Control Services with the drawing up of the country's PACE document; • Assisting the Nigerian Federal Department of Livestock and Pest Control Services with drawing up of a work-plan for a pilot project under TCP/NIG/7822 on control of peste des petits ruminants (PPR); • Assisting in the preparation of a document on the small ruminant component of the Nigeria/FAO Unilateral Trust Fund (UTF) programme. • Prepared the project profile on Emergency Assistance for Control and Surveillance of PPR ir Iraq; Contributed in the preparation of a concept paper for strategies for the control of African swi fever in West Africa.
Canada	Ontario Veterinary College	06/1984 – 08/1984	Commonwealth Veterinary Interchange Fellow	Investigating the use of enzyme immunoassay in diagnostic virology
UK	Institute for Animal Health, Pirbright Laboratory	09/1984 - 02/1986	EEC Visiting Research Fellow	Development of monoclonal antibodies against PPR and its use for diagnosis including differentiation from rinderpest
Canada	Animal disease Research Institute, Nepean	08/1989 – 10/1989	Rockefeller Foundation Fellow in Biotechnology	Production of monoclonal antibodies against pseudorabies virus

15. Publications:

Publications related to application:

1. Roeder, P.L., Masiga, W.N., Rossiter, P.B., Paskin, R.D. and Obi, T.U. (1999) Dealing with animal disease emergencies in Africa: prevention and preparedness. Res. sci. tech. Off. int. Epiz. 18, 59-65.
2. Cheneau, Y., Roeder, P.L., Obi, T.U., Rweyemamu. M.M., Benkirane. A and Wojciechowski K (1999) Disease prevention and preparedness: the Food and Agriculture Organization Emergency Prevention System. Res.sci. tech. Off. int. Epiz. 18, 122-134.
3. Ezeokoli, C.D., Obi, T.U., and Majiyagbe, K.A. (1991): Sero-monitoring the Nigerian National herd for rinderpest. In: The Sero-monitoring of rinderpest throughout Africa: Phase One. Proceedings of a final research Co-ordination meeting of the FAO/IAEA/SIDA/OAU/IBAR/PARC Co-ordinated Research Programme, Binegerville, Cote D' Ivoire, 19-23 Nov. 1990. IAFA TECDOC – 623, September, 1991.
4. Majiyagbe, K.A., Obi, T.U, Ezeokoli, C.D. Shamaki, D and Udeani, T.K. (1992): Rinderpest Sero-Survey in Nigeria in 1992. In: The Sero-monitoring for rinderpest through Africa. Phase 2 Proceedings of the research Coordination meeting of FAO/IAEA/SIDA/OAU/IBAR/PARC Coordinated research Programme Entebbe, Uganda 21-25 September Pg./195-205.
5. Majiyagbe, K.A., Shamaki, D., Obi, T.U., and Ezeokoli, C.D., (1993): Sero-monitoring for Rinderpest antibody in cattle in Nigeria. In: The Sero-monitoring of Rinderpest throughout Africa. Phase 2, Proceedings of the Research coordination Meeting of the FAO/IAEA/SIDA/OAU/IBAR/PARC Coordinated Research Programme. Cairo, Egypt Pg. 99-108

Books and technical Publications

6. Obi, T. U and Roeder, P. L (1999) Recognising Peste des Petits Ruminants: A Field Manual. FAO Animal Health Manual No 5, food and Agriculture Organization of the United Nations, Viale delle Terme di Caracalla, 00100, Rome Italy.

7. Obi, T. U., Roeder, P.L. and Geering W.A. (1999) Manual on the Preparation of Rinderpest Contingency Plans. FAO Animal Health Manual, Food and Agriculture Organization of the United Nations, Viale delle Terme di Caracalla, 00100, Rome, Italy.

8. Geering, W. A., Roeder, P.L. and Obi, T.U. (`1999) Manual on the Preparation of National Animal Disease Emergency Preparedness Plans. FAO Animal Health Manual, Food and Agriculture Organization of the United Nations, Viale delle Terme di Caracalla, 00100, Rome, Italy.

9. Obi, T.U., Amin, I., Yahya, A., Zubair, S. and Nabi, N. (2000) Northern Governorates of Iraq Veterinary Plan: Foot and Mouth Disease. Pp 43

10. Obi, T. U., Sawa, M.I., Hussein, J. M., Potros, E., Abdulla Sheka, A.A., Nimatalla, I. and Ismail, L (2000) Northern Governorates of Iraq Veterinary plan: Rinderpest. Pp 51.

11. Obi, T.U., Sawa, M.I., Hussein, J. M., Potros, E., Abdulla Sheka, A.A., Nimatalla, I. and Ismail, L (2000) Northern Governorates of Iraq Veterinary plan: Peste des Petits Ruminants pp. 33.

12. Obi, T.U., Amin, I., Majeed, J., Hawez, N and Abdi, A.A (2000) Northern Governorates of Iraq Veterinary Plan: Brucellosis, pp25.

Selected Scientific publications

13. Obi, T.U., Ojo, M.O., Taylor, W.P., and Rowe, L.W. (1983): Studies on the Epidemiology of Peste des Petits ruminants in Southern Nigeria. Trop. Veterinarian 1 209-217.

14. Obi, T.U., Ojo, M.O. Durojaiye, O. Kasali, O.B., Akpavie, S. and Opasina, D.B. (1983): Peste des Petits ruminants (PPR) in goats in Nigeria Clinical, microbiological and Pathological features. Zbl. Vet. Med. S, 30, 197-201.

15. Obi, T.U., Rowe, L.W. and Taylor, W.P. (1984): Serological studies with the Peste des Petits ruminants and rinderpest viruses in Nigeria. Trop. Anim. Health Prod. 16, 115-118.

16. Obi, T.U. and Patrick, D. (1984): The detection of Peste des Petits ruminants (PPR) virus antigen by agar gel precipitation test and counter immunoelectrophoresis. J. Hyg. Camb. 93,597-586.

17. Asagba, M.O. and Obi, T.U. (1986): Isolation and identification of goat pox virus in Nigeria. Bull. Anim. Hlth. Prod. Afr. 34, 35-37.

18. McCullough, K.C., Sheshberadaran, H., Norrby, E., Obi, T.U. and Crowther, J.C. (1986): Monoclonal antibodies against morbilli-viruses, Res. Sci. Tech. Off. Int. Epiz. 5, 411-427.

19. McCullough, K.C., Crowther, J.C. Brocchi, E., de simone F. and Obi, T.U. (1987): Application of monoclonal antibodies in Veterinary Medicine In: Monoclonal and DNA probes in diagnostic and preventive Medicine. (Ed.) R.C. Galo, G. Della Porta and A. Albertini, Raven Press, New York. Pp. 209-217.

20. Furley, C.W., Taylor, W.P. and Obi, T.U. (1987): An outbreak of Peste des Petits ruminants in a Zoological collection. Vet. Rec. 121, 443-447.

21. Obi, T.U. and Newman, B.E. (1988); The detection of antibodies against Foot and mouth disease virus-infection-associated antigen by the enzyme-liked immunosorbent assay in Nigeria sheep and goat sera. Tropical Vet. 6, 71-76.

22. Obi, T.U., McCullough, K.C. and Taylor, W.P. (1990): The production of Peste des Petits ruminants hyper immune sera in rabbits and their application in virus diagnosis. J. Vet. Med. 37, 345-352.

23. Obi, T.U and Ojeh C.K. (1989): DOT-Enzyme immunoassay for visual detection of peste des petits ruminants virus antigen from infected Caprine tissues, J. Clin. Microbiol. 27, 2096-2099.

24. McCullough, K.C., Obi, T.U. and Sheshberadaran, H. (1991): Identification of epitope(s) in the internal Virion proteins of rinderpest virus which are absent from peste de petits ruminants virus. Vet. Microbiology, 26, 313-321.

25. Butcher, R.N., Obi, T.U. and K.C. McCullough (1991): Rapid isolation of monoclonal hybridoma cultures by a "fusion-cloning" method: The requirement for aminopterin. Biologicals, 19, 171-175.

26. Obi, T.U. and McCullough, K.C. (1993): Identification of epitope expression on the internal proteins of rinderpest virus which is dependent upon Virion maturation events. J. Virol. Meth. 41, 113-124.

Copies of certificates of T.U. Obi

University of Ibadan

Timothy Uzochukwu Obi

having fulfilled all the requirements of the University and passed the prescribed examinations has this day been admitted to the degree of

Doctor of Veterinary Medicine

VICE-CHANCELLOR

June 29, 1973

REGISTRAR

University of Ibadan

Timothy Uzochukwu Obi

having fulfilled all the requirements of the University has this day been admitted to the degree of

Doctor of Philosophy

(Veterinary Medicine)

in the Faculty of Veterinary Medicine

VICE-CHANCELLOR

October 18, 1984

REGISTRAR

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TIMOTHY UZOCHUKWU OBI

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In quorum fidem his litteris commune Vniuersitatis sigillum apponendum curabamus,

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Principalis

Senatus Academici Scriba

Donaldus D. Lawson

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

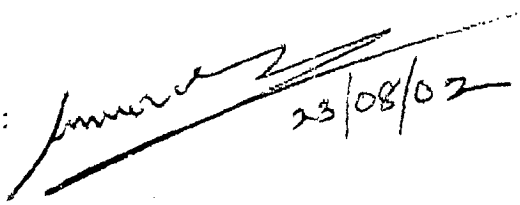
Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned Dr. Timothy Uzochukwu Obi..... (put full name) hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Erbil, Iraq, August 23 2002.

Signature: 

Name : Timothy Uzochukwu Obi

CURRICULUM VITAE

Proposed position in the project: Reserve Technical Assistant to the National Projects of PACE

1. **Family name:** HOOGENDIJK
2. **First names:** Johannes Leonardes
3. **Date and Place of birth:** 28 April 1948, Zwollerkerspel (NL)
4. **Nationality:** Netherlands
5. **Civil status and number of dependants:** Married, 3 dependants
6. **Education:**

Institution	Course on veterinary epidemiology and economics, VEERU University of Reading, UK.
Date: from (month/year) to (month/year)	05 / 10 / 1990 - 13 / 12 / 1990
Degree(s) or Diploma(s) obtained:	Certificate veterinary epidemiology and economics in livestock development

Institution	Faculty of Veterinary Sciences, Utrecht University, the Netherlands.
Date: from (month/year) to (month/year)	06 / 1974 - 12 / 1975
Degree(s) or Diploma(s) obtained:	Doctor of Veterinary Medicine

Institution	Faculty of Veterinary Sciences, Utrecht University, the Netherlands.
Date: from (month/year) to (month/year)	09 / 1968 - 06 / 1974
Degree(s) or Diploma(s) obtained:	MSc in Veterinary Medicine

Institution	Agricultural College, Deventer, the Netherlands.
Date: from (month/year) to (month/year)	09 / 1964 - 06 / 1968
Degree(s) or Diploma(s) obtained:	BSc in Tropical Agriculture

Courses:

1985/1987 Logical Framework/Participatory Planning ZOPP, GTZ, Eschborn, Germany.
1988 Embryo-transfer, Faculty of Veterinary Sciences, Utrecht, the Netherlands.

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
Dutch	1	1	1
English	1	1	1
French	1	1	2
German	1	1	2
Spanish	4	4	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Financial management; Familiar with WB, FAO, IFAD, EU, GTZ and DGIS procedures; Excellent inter-personal and cross-cultural negotiation skills; Computer literate (MS Office applications); Participatory planning and Monitoring & Evaluation; Negotiating and managing of change in close collaboration with senior officials of governments and donor organizations; Team-player with outstanding organisational skills; Data management and data analysis.
9. **Present position:** Programme Manager / Consultant Animal Health and Production
10. **Years of professional experience** *(relevant to the programme)*: Over 25 years
11. **Years within the firm:** 11 years
12. **Key qualifications** *(relevant to the programme)*: Management of technical assistance programmes; animal health and production; privatisation of veterinary services and service delivery; design of restructured support services; project design, monitoring and evaluation; animal husbandry and health education and extension; multidisciplinary and

13. Experience with projects financed by international organisations *(country, project, years)*:

Country	Project	Year(s)
Kosovo	Strengthening Public Veterinary Services Project (**EAR**)	07 / 2002
Kosovo	Emergency Farm Reconstruction Project (**WB**)	06 / 2002
Mozambique	PROAGRI - Family Sector Livestock Development Program (**IFAD**)	01 / 2002
The Gambia	Livestock Sector Development Study (**AfDB**)	04 – 12 / 2001
BiH	Livestock and Rural Finance Development Project (**IFAD**)	08 – 09 / 2000
Eastern Europe	Multicountry Veterinary Diagnosis and Control Programme (**PHARE**) (Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland and Slovenia)	10 – 11 / 1999
Caribbean	MTR Caribbean Agriculture and Fisheries Programme (**EU**)	06 – 08 / 1999
Laos	Xieng Khouang Agricultral Development Project Phase II (**IFAD**)	03 / 1999
Croatia	Farmers Support Services Project (**WB** through Senter)	06 / 1998 – 06 / 2001
Macedonia	Private Farmers Support Project (**WB**)	12/1996 – 08/2002
Hungary	Introduction of S/EUROP sheep carcass classification in Hungary (**PHARE**)	03 / 1996, 11 / 1995
Cambodia	Consultant Basic Animal Health Services (**AFSC, CARE, CONCERN, CWS, VSF and CARERE**)	11 / 1995
Zambia	Livestock Development Project (**DGIS**)	1991 -1994
DR of Congo	Technical Assistance Project to the Faculty of Veterinary Science, University of Lubumbashi (**GTZ**)	1981 - 1989
Western Samoa	Animal Health and Production Project (**FAO**)	1979 - 1980
Afghanistan	Assistance project to the Faculty of Veterinary Science in Kabul (**FAO**)	1976 - 1979

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Kosovo	EAR - Strengthening Public Veterinary Services Project	July 2002	Senior Veterinary Systems Adviser	Short term specialist advising / backstopping the Long-term International Team leader on all aspects of programme implementation.
Kosovo	WB - Emergency Farm Reconstruction Project	June 2002	Veterinary Specialist	Team member in a supervision mission team with the specific task to review the progress of the veterinary and livestock component of the project.
Surinam	RDP Livestock Services B.V.	April 2002	Veterinarian / Animal Production Specialist	Livestock sector study with emphasis on export possibilities for livestock and livestock products and with special reference to Identification and Registration of animals.
Mozambique	IFAD - PROAGRI - Family Sector Livestock Development Program	January 2002	Adviser programme implementation	Supervisory/backstopping mission to RDP Agricultural Economist and Extension Specialist attached to PROAGRI-The Family Sector Livestock Development Program.
The Gambia	AfDB - Livestock Sector Development Study	April – December 2001	Animal Health / Production Specialist	Animal Health Specialist and Team Co-ordinator of this 40 mm sector study looking into all aspects of livestock development and marketing.
PR of China	Lux-Development	November 2000	Veterinarian/ Animal Husbandry Specialist	Team member in a formulation mission of the 2nd phase of the Inner Mongolia Animal Husbandry Project, with specific emphasis on possibilities of beef fattening.
Bosnia & Herzegovina	IFAD - Livestock and Rural Finance Development	August – September 2000	Livestock Production Specialist	Team member in an appraisal mission with specific task to review the national and entity strategies for livestock development and the

Country	Organisation	Date: From/to	Position	Job Description
Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland and Slovenia	Phare – Multicountry Veterinary Diagnosis and Control Programme	October – November 1999	Veterinary Epidemiologist	Member in a team of three epidemiologist carrying out the In-country surveillance chain review and audit for Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland and Slovenia (Phare MCVP workplan reference 1.8).
Caribbean	EU - MTR Caribbean Agriculture and Fisheries Programme	June – August 1999	Animal Health Specialist	Animal Health Specialist in a midterm review mission of the Caribbean Agriculture and Fisheries Programme (CARIFORUM countries - 20M ECU).
Laos	IFAD	March 1999	Animal Health Specialist	Refining the Xieng Khouang Agricultural Development Project Phase II proposed approach to improve animal health in the province.
Croatia	World Bank through Senter - Farmers Support Services Project	June 1998 - June 2001	Coordinator Animal Health Component	Planning, organization and implementation of the Animal Health Component of the Farmers Support Services Project through intensive liaison with Croatian government authorities. Activities include veterinary services restructuring; planning meetings, staff training; organization of study tours.
Macedonia	World Bank - Private Farmers Support Project	December 1996 – August 2002	Coordinator Animal Health Component	Planning, organization and implementation of the Animal Health Component of the Private Farmers Support Project through intensive liaison with Macedonian governmental authorities.
Hungary	Phare - EU - Introduction of S/EUROP sheep carcass classification in Hungary	March 1996 & November 1995	Co-ordinator	Planning, organization and implementation of the introduction of the S/EUROP carcass classification and meat grading system for ovine animals in Hungary. Activities included training of Hungarian meat sector specialists in Hungary/the Netherlands and procurement of electronic slaughter animal and carcass identification and weighing equipment. (EU - Phare).
Cambodia	AFSC, CARE, CONCERN, CWS, VSF and CARERE	November 1995	Consultant Basic Animal Health Services	Study on development options for Basic Animal Health Services in Cambodia.
Zambia	DGIS - Livestock Development Project	1991 - 1994	Team Leader	Responsible for all activities concerning the management of the project and the technical assistance to the provincial service, including veterinary research, CBPP and FMD control, vaccination campaigns, drug distribution, economic evaluation, training of local cadre and at graduate and post-graduate levels, privatization, cost recovery, herd productivity recording, productivity studies of natural pastures, tsetse control, socio-economic studies and development of a strategy to restructure the livestock sector.
Ghana	FMO / FARMCO	January 1991	Veterinary Consultant	Feasibility study on large-scale dairy production in Ghana.

Country	Organisation	Date: From/to	Position	Job Description
DR of Congo	GTZ Technical Assistance Project to the Faculty of Veterinary Science, University of Lubumbashi	1981 - 1989	Project Manager	Responsible for the overall project management. Specific tasks comprised supervision of 5 expatriate professional staff and 60 technical support staff, advising the faculty board, building up of the Clinical Department, the installation of a Diagnostic Veterinary Laboratory, teaching clinical veterinary medicine and staff training
Western Samoa	FAO	1979 - 1980	Animal Health and Production Officer	Duties comprised staff training, clinical services and herd health programs on the island of Upolu, extension services to small-holders.
Afghanistan	FAO	1976 - 1979	Lecturer Veterinary Medicine	An assistance project to the Faculty of Veterinary Science in Kabul. Duties: teaching clinical veterinary medicine, training of staff and curriculum development.

15. Membership of professional bodies:

- Member of the Royal Netherlands Veterinary Association since 1975

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
The Netherlands	RDP Livestock Services	1994 to date	Senior Livestock Development Adviser	Responsible for project planning, monitoring and programme evaluation, technical back-stopping, consultancy missions, procurement of programme materials, acquisition and external contacts. As project director/superviser specifically in charge of projects/missions referred and presented above.
Germany	GTZ	January 1990 – December 1990	Project Officer	Responsible for project planning, monitoring and evaluation, project management and personnel recruitment. Project evaluation and planning missions to: Mozambique – Planning mission - Strengthening Veterinary Faculty, Maputo (February). Uganda – Mid term evaluation and ZOPP workshop – Support to the Veterinary Faculty, Makerere University (June). Syria – Planning mission – Strengthening Veterinary Faculty, Hama (September).
The Netherlands	Self employed	1980 - 1981	Veterinarian	Locum in various practises in the Netherlands.

17. Publications: Numerous project and mission reports

Copies of certificates of J.L. Hoogendijk

State Agricultural College Deventer

The Netherlands

Diploma

Tropical and Subtropical division

The President and Lecturers assembled in General Meeting hereby declare that the Candidate

Mr. J. L. Hoogendijk

passed his/her final examination of the Three Year Course and was awarded this Diploma.

Deventer, 29th June 1968.

President

Inspector

Secretary

University of Reading

DEPARTMENT OF AGRICULTURE AND HORTICULTURE
VETERINARY EPIDEMIOLOGY
AND ECONOMICS RESEARCH UNIT

This is To certify that

J. HOOGENDIJK

has attended
and satisfactorily completed
a course of studies on

Veterinary Epidemiology and Economics in Livestock Development

from 5th October, 1990

To 13th December, 1990

HEAD OF THE DEPARTMENT OF AGRICULTURE AND HORTICULTURE

DIRECTOR OF THE VETERINARY EPIDEMIOLOGY AND ECONOMIC RESEARCH UNIT

GETUIGSCHRIFT

Facultas Medica Veterinaria in Universitate TRAIECTINA constituta tesratur candidatum Johannes L. Hoogendijk natum in oppido Zwollerkerspel die XXVIII mensis aprilis anni MCMXLVIII, cuius candidati nomen manu propria infra subscriptum invenies, feliciter subisse

EXAMEN VETERINARIUM

de quo examine agitur Articulis CXXXII-CXXXIV Statuti Academici (quod continetur Constitutione Regia quae est edita d. XI m. Sept. anni MCMLXIII Act. Publ. sub No. CCCLXXX).

Examine prospere absoluto candidatus suprascriptus rite ius obtinuit ut medicum veterinarium se profiteatur secundum id quod Statuti Academici Articulo CCXIV constitutum est. Cuius rei documento hoc diploma ei tradendum Facultas curavit.

De Faculteit der Diergeneeskunde aan de Rijksuniversiteit te UTRECHT verklaart hierbij, dat Johannes Leonardes Hoogendijk

geboren te Zwollerkerspel op 28 april 1948,

die zijn handtekening hieronder heeft gesteld, met goed gevolg heeft afgelegd het

DIERGENEESKUNDIG EXAMEN

bedoeld bij artikel 132-134 van het Academisch Statuut (Koninklijk Besluit van 11 september 1963, Staatsblad no. 380).

Op grond van dit examen heeft hij de hoedanigheid van Dierenarts (Academisch Statuut, artikel 214) verkregen, ten bewijze waarvan hem dit getuigschrift is uitgereikt.

Handtekening van de geëxamineerde,
Candidati nominis subscriptio,

UTRECHT,
TRAJECTI AD RHENUM,

de 19 december 1975

De Faculteit der Diergeneeskunde,
Facultas Medica Veterinaria,

, voorzitter
praeses

, secretaris
ab-actis

ARTIKEL 8 VAN DE WET VAN 28 JULI 1954 (STAATSBLAD No. 372) OP DE UITOEFENING VAN DE DIERGENEESKUNST

Alvorens zich ter uitoefening van de praktijk te vestigen, duet de dierenarts zijn akte van bevoegdheid viseren door het districtshoofd van de Veeartsenijkundige Dienst in het district, waarin hij zijn woonplaats heeft. Dit visum wordt kosteloos verleend.

Hij geeft, op vertoon van de gevisceerde akte van bevoegdheid, aan de burgemeesters der gemeenten, binnen welke hij de praktijk wenst uit te oefenen, kennis van zijn voornemen.

Overtreding van dit artikel wordt volgens de wet gestraft met een geldboete van ten hoogste honderd gulden.

GEZIEN BIJ VESTIGING TE .....

DE INSPECTEUR VAN DE VEEARTSENIJKUNDIGE DIENST:

ENGLISH TRANSLATION OF THE "GETUIGSCHRIFT" (CERTIFICATE) OVERLEAF

The Faculty of Veterinary Sciences of the State University of Utrecht hereby certifies that the subscriber to this document has passed the examination for the Final Degree in Veterinary Sciences, as defined in the Articles 132-134 of the Academic Regulations (Royal Ordinance dated September 11th 1963, Staatsblad no. 380).
This examination qualifies the subscriber as a Veterinarian (Academic Regulations, article 214), as proof of which this certificate has been awarded.

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned Johannes Leonardes HOOGENDIJK hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Zeist, 23 August 2002

Signature:

Name : J.L. Hoogendijk

Registered Trade Names of RDP International B.V.

CURRICULUM VITAE

Proposed position in the project: Reserve Technical Assistant to National Projects of PACE

1. **Family name:** BELOT
2. **First names:** Jean
3. **Date and Place of birth:** 23 November 1951, Péronnes-lez-Binche
4. **Nationality:** Belgian
5. **Civil status and number of dependants:** Married
6. **Education:**

Institution	University of Liege, Belgium
Date:	1969-1975
Degree(s) or Diploma(s) obtained:	Doctor in Veterinary Medicine

Institution	Institute of Tropical Medicine, Antwerp, Belgium
Date:	1975-1976
Degree(s) or Diploma(s) obtained:	Post-graduate in Tropical Animal Production and Health

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
French	1	1	1
English	1	1	1
Dutch	2	3	4

8. **Other skills** *(e.g. computer literacy, etc.)*: Computer literacy: MS Office, MS Project, Internet.

9. **Present position:**
Veterinary Inspector - Ministry of Agriculture - Department of Animal Health - Veterinary Services Brussels, Belgium.

10. **Years of professional experience** *(relevant to the programme)*: Over 20 years.

11. **Years within the firm:** Not relevant.

12. **Key qualifications** *(relevant to the programme)*:
- Financial and administrative management of animal health control programme.
- Design and implementation of large-scale disease control (mainly tick borne diseases & Trypanosomosis).
- Preparation of annual workplan and cost estimates.
- Evaluation and supervising of diagnostic laboratory in terms of methods and equipments.
- Privatization of veterinary services and set up/upgrade of self sustainable, community supported field veterinary infrastructure.
- Development of epidemiological database and data analysis.

13. **Experience with projects financed by international organisations** *(country, project, years)*:
Western and Eastern Africa – Short-term or mid-term assignments (EU, FAO, BADC), 1993-1997; Zambia Support to the Veterinary Services, 1992-1993; Africa, BADC veterinary programmes supervision, 1984-1992 Senegal, Lecturer, field officers trainer and diagnostic laboratory manager (BADC projects), 1981-1982; Republi of Congo, FAO programme of animal production in Tse Tse Area, 1978-1979; Rwanda, FAO project, 1976-1978 Ivory Coast, FAO project.

14. Specific Developing Countries Experience:

Country	Org.	Date	Position	Job Description
Zambia & Malawi	EU	Oct. 00 - Dec. 00	Animal health & Veterinary Services expert	"Evaluation of Animal Production and Health Develop Components in Zambia and Malawi" 7 ACP ZA 054 – 7 ACP MAI 129 Ex-post evaluation of all the EU funded animal produc and health projects.
Burkina Faso	FAO BADC	Sept. 97	Team mission	"Trypanosomosis control project" GCP/RAF/347/BEL Team leader of an appraisal mission of FAO projec trypanosomosis control.
Togo	FAO BADC	May 94 Oct. 96	Team mission	"Trypanosomosis control project" GCP/TOG/013/BEL Team leader of mid-term and final evaluation mission FAO project in trypanosomosis control.
Zambia	Belgian Cooperation BADC	Sept. 93 - Dec. 97	Project Co-ordinator	"Assistance to the Veterinary Services of Zambia in Eas Southern and Central Provinces" project. Support to the Veterinary Services of Zambia: Scientific and technical management of the pr (supervision of the programme, project monitoring reporting, co-ordination of consultation missions). General financial management of the project. Organisatic surveys and control of tick borne diseases trypanosomosis. Participation to the development privatisation policy of the Veterinary Services.
Senegal	Belgian Cooperation BADC	Jan. 84 - Feb. 92	Lecturer in the Department of Parasitology & Zoology	For the International Veterinary School of Dakar, respon of the University education in parasitology and zool supervision of B.Sc. and M.Sc. thesis, the scientific technical co-ordination of the laboratories in the departn Consultant with the Scientific Committee of the Nati Parks of Senegal.
Congo	FAO	Aug. 81	Livestock expert	Consultant in FAO programme of animal production in t infested areas. Participation to the organisation of a regional office development of animal production in Congo.
Cameroon	Belgian Cooperation BADC	Sept. 79 - Apr. 81	Livestock expert	Leader of a large scale research programme on traditi small ruminants and poultry production (socio-econ animal production and health).
Rwanda	FAO	Sept. 78 - Jul. 79	Animal health & livestock expert	For the National Centre of Small Animal Bree responsible of the supervision of pig and poultry produc the development of a diagnosis laboratory, the trainin technicians, the field follow up of the extension programm
Ivory Coast	FAO	Aug. 76 - Aug. 78	Parasitologist	General management of the Laboratory of Animal Patho – Department of Parasitology department (epidemiol diagnosis and control of parasitic diseases of c prophylactic advises to the Ministry of Animal Production Training of laboratory assistants. Adviser to the Ministry of Animal Production.

15. Membership of professional bodies:

Belgian Royal Academy of Overseas Science; Belgian Society of Parasitology ; Association for Animal Health an Epidemiology.

16. Other relevant professional experience:

Country	Org.	Date	Position	Job Description
Belgium	Ministry of Agriculture	1999 – to present	Veterinary inspector in the Dpt. of Animal Health & Veterinary Services	National co-ordinator for legislation related to animals us for scientific purposes (development of general a statistical data bases, analysis and dispatch of scientif technical and economic information, competent authority national and international meetings). Control of importati of birds (implementation of EU decisions, development health requirements, design and follow-up of quarant facilities, co-ordination of Border Inspection Post in th field).
Belgium	Belgian Cooperation BADC	1998-1999	Animal Health expert	Conferences at the Belgian Royal Academy of Overs Science and at the Tropical Veterinary Institute (Univers of Liège) on management in vector borne diseases cont programmes. Recruitment examination at the Belgian Ministry Agriculture (study of national and EU legislation on anir disease control, animal movement control and anir welfare).
Belgium	Belgian Cooperation BADC	1992-1993	Chargé de mission	Supervision of agronomic and veterinary developm programmes in Northern and Western Africa, Middle E and Far East. Technical and financial analysis of agricult and animal production and health projects of NGO funded by BADC. Workshops on objective oriented intervention plans (OIP)
Belgium	National Institute of Veterinary Research Department of Virology	1982-1984	Scientist in the Department of Swine Virology	Diagnosis of and research on swine diseases (control swine fever, quality control of vaccines, implementation EU control programme).

17. Publications:

A list of Mr. Belot's publications is available on request.

Copies of certificates of J. Belot



UNIVERSITÉ DE L'ÉTAT A LIÈGE

Nous, Président, Secrétaire et Membres du Jury chargé par la Faculté de médecine vétérinaire de l'Université de l'Etat à Liège de conférer le grade de docteur en médecine vétérinaire :

Attendu que Monsieur Belot Jean, né à Péronnes-lez-Binche, le 23 novembre 1951, est porteur d'un diplôme de candidat en médecine vétérinaire délivré par la Faculté de médecine vétérinaire de l'Université de l'Etat à Liège le 15 juillet 1972 et ratifié le 19 juin 1973 ;

Attendu qu'il a subi d'une manière satisfaisante le 20 juillet 1973 la première épreuve de l'examen de docteur en médecine vétérinaire ayant porté sur les matières suivantes : l'anatomie topographique ; l'appréciation des animaux domestiques ; la pharmacognosie et la pharmacie ; la thérapeutique générale et la pharmacodynamie ; l'anatomie pathologique générale et spéciale ; la pathologie générale ; la bactériologie générale ; la parasitologie et l'entomologie ; la zootechnie ; génétique (*partim*) ; la propedeutique y compris les analyses appliquées à la clinique et qu'il a subi des épreuves pratiques sur l'anatomie topographique ; la bactériologie ; la parasitologie ; la pharmacodynamie ;

Attendu qu'il a subi d'une manière satisfaisante le 19 juillet 1974 la deuxième épreuve de cet examen ayant porté sur les matières suivantes : la pathologie médicale ; la pathologie des maladies infectieuses (*partim*) ; la pathologie des maladies parasitaires ; la pathologie chirurgicale générale et spéciale ; la zootechnie ; génétique (*partim*), l'étude des races et l'appréciation spéciale des animaux domestiques ; la tératologie ; la maréchalerie ; la médecine opératoire ; l'obstétrique et les troubles de la reproduction ; l'inspection des denrées alimentaires d'origine animale, et qu'il a subi des épreuves pratiques sur l'anatomie pathologique ; la propedeutique y compris les analyses appliquées à la clinique ; l'obstétrique ;

Attendu qu'il a subi d'une manière satisfaisante le 5 juillet 1975 la troisième épreuve de cet examen ayant porté sur les matières suivantes : la pathologie des maladies infectieuses (*partim*) y compris les maladies tropicales ; la zootechnie ; alimentation, hygiène ; les principes généraux de l'agronomie et de l'économie rurale ; la police sanitaire, la médecine légale vétérinaire, la législation professionnelle, la législation commerciale, la déontologie ; la toxicologie ; les cliniques des grands et petits animaux domestiques, la clinique des animaux de basse-cour, l'obstétrique et ces troubles de la reproduction ; les autopsies ; l'inspection des denrées alimentaires d'origine animale et qu'il a subi des épreuves pratiques sur l'appréciation générale et spéciale des animaux domestiques ; la thérapeutique et la pharmacie ; la médecine opératoire ; la ferrure ; les cliniques et les autopsies ; l'alimentation ; l'inspection des denrées alimentaires d'origine animale y compris l'analyse physique, chimique et bactériologique du lait ;

Avons conféré et conférons à Monsieur Belot Jean le grade de DOCTEUR EN MEDECINE VETERINAIRE.

En foi de quoi nous lui avons délivré le présent diplôme, attestant en même temps que Monsieur Belot Jean a été réellement élève de la Faculté de médecine vétérinaire de l'Université de l'Etat à Liège et que les prescriptions des lois coordonnées sur la collation des grades académiques et les programmes des examens universitaires ont été observées.

Fait à Brussels (Cureghem), le 5 juillet 1975.

Le Secrétaire, Les Membres, Le Président,

Au nom de Sa Majesté le Roi des Belges,

Nous, Président et Membres de la Commission spéciale d'enseignement instituée en vertu des lois coordonnées le 31 décembre 1949 ;

Atestons que le présent diplôme a été délivré régulièrement et que toutes les conditions prescrites par la loi ont été observées.

En foi de quoi, nous l'avons entériné aujourd'hui 23-9-1975 et enregistré sous le n° 1427 folio 43 du registre.

Bruxelles, le 23-9-1975

Pour la Commission,

Le Membre Secrétaire, Le Président,

Signature du porteur,

Le Recteur,

P° 733

STATE UNIVERSITY OF LIEGE

We, President, Secretary and Members of the jury appointed by the Faculty of Veterinary Medicine of the University of Liège to confer the degree of Doctor of Veterinary Medicine:

Whereas *Mr Jean Belot* born at *Péronnes-lez-Binche* on *23 November 1951* is holder of the diploma of Candidate of Veterinary Medicine issued by the Faculty of Veterinary Medicine of the State University of Liège on the *15 July 1972* and ratified on the *19 June 1973*

Whereas *he* passed with ***satisfaction*** on the *20 July 1973* the first examination for Doctor of Veterinary Medicine on the following subjects: topographic anatomy; assessment of domestic animals; pharmacognosy and pharmacy; general therapeutics and pharmacodynamics; general and special pathologic anatomy; general pathology; general bacteriology; parasitology and entomology; zootechnics; genetic (*partim*); propedeutic included applied analysis in the clinic and that *he* passed the practical examinations on topographic anatomy; bacteriology; parasitology; pharmacodynamics;

Whereas *he* passed with ***satisfaction*** on the *19 July 1974* the second examination for Doctor of Veterinary Medicine on the following subjects: medical pathology; pathology of infectious diseases (*partim*); pathology of parasitic diseases; general and special surgical pathology; zootechnics; genetic (*partim*); study of breeds and special assessment of domestic animals; teratology; horse-shoeing; operating medicine; obstetrics and reproduction troubles; inspection of animal foodstuffs; and that *he* passed the practical examinations on pathologic anatomy; propedeutic included applied analysis in the clinic; obstetrics;

Whereas *he* passed with ***satisfaction*** on the *5 July 1975* the third examination for Doctor of Veterinary Medicine on the following subjects: pathology of infectious diseases (*partim*) including tropical diseases; zootechnics; nutrition and hygiene; general principles of agronomy and rural economics; health policy; veterinary legislation; professional legislation; commercial legislation; professional ethics; toxicology; clinics of big and small domestic animals; clinic of avian diseases, obstetrical clinic and reproduction troubles; autopsy; inspection of animal foodstuffs and that *he* passed the practical examinations on general and special assessment of domestic animals; therapeutics and pharmacy; operating medicine; shoeing; clinic rounds and autopsy; nutrition; inspection of animal foodstuffs included milk physical, chemical and bacteriological analysis;

We conferred and are conferring upon *Mr Jean Belot* the degree of DOCTOR OF VETERINARY MEDICINE.

In witness whereof we have conferred this diploma, testifying at the same time that *Mr. Belot Jean* really attended the courses at the Faculty of Veterinary Medicine of the State University of Liège and that the provisions concerning the co-ordinated laws on the granting of academic degrees and the curricula of university examinations have been observed.

Drawn up in Brussels (Cureghem) on *5 July 1975*

The Secretary (signed) The Members (signed) The President (signed)
[Certified by the Special Ratification Committee]

For translation "NE VARIETUR" from French into English certified to be true, sincere and complete.
Louvain-la-Neuve, 20 September 2000.
The sworn translator,

INSTITUT DE MÉDECINE TROPICALE
PRINCE LÉOPOLD

ANVERS — BELGIQUE

Nous, Président, Secrétaire et Membres du jury chargés de procéder aux examens pour l'obtention du diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES :

Attendu que M. Jean Belot né(e) à Péronnes-lez-Binche le 23 novembre 1951

est porteur du diplôme de Docteur en Médecine Vétérinaire

délivré le 5 juillet 1975 par l'Université de Liège

Attendu qu'il a subi avec distinction l'examen sur les matières suivantes pour l'obtention du diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES :

— *Problèmes de Santé Animale dans les pays tropicaux : Maladies infectieuses, Maladies à protozoaires, Maladies à helminthes, Lutte contre les vecteurs, Hygiène des denrées alimentaires d'origine animale, Prophylaxie ;* Statistiques

— *Problèmes de Production Animale dans les pays tropicaux : Problèmes agronomiques, zootechniques, nutritionnels, gestionnels, économiques ; Exploitation animale.*

Attendu qu'il a subi également un examen pratique portant sur :

Les maladies à protozoaires, les maladies à helminthes, la lutte contre les vecteurs.

Avons délivré et délivrons à M. Monsieur Jean Belot

le diplôme de MEDECINE VETERINAIRE ET ZOOTECHNIE TROPICALES, attestant en même temps qu'il a suivi réellement des cours à l'Institut de Médecine Tropicale Prince Léopold et que les prescriptions réglementaires quant à la durée des études (une année académique) et à la publicité des examens ont été observées.

Fait à Anvers, le 25 juin 1976

Le Secrétaire, Les Examinateurs, Le Président,

Le Porteur,

INSTITUTE OF TROPICAL MEDICINE
PRINCE LEOPOLD

ANTWERP - BELGIUM

We, President, Secretary and Members of the jury appointed to proceed to the examination for the degree of TROPICAL VETERINARY MEDICINE AND ANIMAL PRODUCTION;

Whereas ***Mr Jean Belot*** born at ***Péronnes-lez-Binche*** on ***23 November 1951***

Is holder of the diploma of ***Doctor of Veterinary Medicine***

Issued on ***5 July 1975*** by the ***University of Liège***

Whereas ***he*** passed with ***distinction*** the examination on the following subjects to obtain the degree in TROPICAL VETERINARY MEDICINE AND ANIMAL PRODUCTION:

- *Problems of Animal Health in tropical countries: Infectious diseases, Protozoan diseases, Helminthic diseases, Control of vectors ,Food hygiene, Prophylactics, Statistics*
- *Problems of Animal production in tropical countries: problems in Agronomy, in Animal Production , in Nutrition, in Management, in Economics; Animal exploitation*

Whereas ***he*** also passed a practical examination on:

The protozoan diseases, helminthic diseases, control of vectors

We conferred and are conferring upon ***Mr Jean Belot***

The degree in TROPICAL VETERINARY MEDICINE AND ANIMAL PRODUCTION testifying at the same time that he really attended the courses at the Institute of Tropical Medicine Prince Leopold and that the provisions concerning the duration of the studies (one academic year) and the public nature of the examinations, were duly observed.

Drawn up at Antwerp on ***25 June 1976***

The Secretary (signed) The examiners (signed) The President (signed)

For translation "NE VARIETUR" from French into English certified to be true, sincere and complete.
Louvain-la-Neuve, 20 September 2000.
The sworn translator,

FRANCISCO ALCARIZ
TRADUCTEUR JURE
BRUXELLES - BRUSSEL

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned **BELOT JEAN** hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Brussels 29 août 2002

Signature: 

Name : BELOT Jean

Annex C.4

Curricula Vitae
Copies of Certificates
Copies of Statements of Exclusivity and Availability

of Short-term Experts

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** GUILLOTEAU
2. **First names:** Bernard
3. **Date and Place of birth:** 18 September 1936, Paris
4. **Nationality:** French
5. **Civil status and number of dependants:** Married
6. **Education:**

Institution:	Pasteur Institute, Paris
Date:	1963
Degree(s) or Diploma(s) obtained:	Post-grade degree in Immunology

Institution:	Pasteur Institute, Paris
Date:	1963
Degree(s) or Diploma(s) obtained:	Post-grade degree in Microbiology

Institution:	Institut d'Elevage et de Médecine Vétérinaire des Pays Tropicaux (CIRAD – EMVT), Paris
Date:	1963
Degree(s) or Diploma(s) obtained:	Post-grade degree in Microbiology of Tropical Animal Diseases

Institution:	Ecole Nationale Vétérinaire d'Alfort, Paris
Date:	1961
Degree(s) or Diploma(s) obtained:	DVM, Thesis on inactivated rabies vaccines

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
French	1	1	1
English	2	2	2
Portuguese	3	2	3

8. **Other skills** *(e.g. computer literacy, etc.)*: Windows, Microsoft Office including WORD, EXCEL.
9. **Present position:** Senior International Consultant.
10. **Years of professional experience** *(relevant to the programme)*: 37 years.
11. **Years within the firm:** Not relevant.
12. **Key qualifications** *(relevant to the programme)*:
    - Design and implementation of main epizootic diseases control programmes (CBPP, Rinderpest, FMD, PPR,...).
    - Assessment and management of diagnostic laboratories and vaccine Institutes in Africa.
    - Bacterial and viral vaccine production in private and national institutes in Europe, West and Southern Africa and South America. From development of new vaccines to production, quality control and production costs analysis.
    - Outlining and structuring of training programmes for local executives and technicians.
    - Set up and implementation of epidemiology monitoring networks and reporting systems.
    - Conception and carry out of epidemiological surveys.
    - Data collection, data analysis, production and dissemination of summarised information.
    - Rehabilitation of veterinary services including set up of decentralised services.

13. **Experience with projects financed by international organisations** *(country, project, years)*:
    Central and Western & Southern Africa, South America, Europe. Numerous short-term assignments in the field of

14. Specific Developing Countries Experience:

Country	Org.	Date	Position	Job Description
Lao	EU	Feb. 02 - Apr. 02	Laboratory Specialist	Strengthening of Livestock Services and Extension Activitie ALA/96/19. Reviewing of the present status of vaccine productic at the Laos National Vaccine Institute, in terms of equipmen methods, quality control, storage and distribution, quantity vs. need professional level of the staff. Ensuring proper operation and use (the vaccine production equipment provided by the project. Making detailed evaluation of quality control procedures. Making a detaile analysis and review of the cost recovery scheme at various level Advising on needs for future vaccine production.
Ecuador	ECTI	Mar. 01	Laboratory Specialist	Technical assistance to a private laboratory producer of anim vaccines and pharmaceutical veterinary products. Improving th methodology, the process, the quality control & assurance quality (vaccines production with a special emphasis on the following vacci productions and controls: clostridium vaccines produced in ferment (Cl.chauvei, Cl.septicum); pasteurella vaccine produced in ferment (P.multocida); freeze-dried Newcastle vaccine (Hitchner & La So strains); inactivated rabies vaccine produced on BHK cell cultures; freeze-dried swine fever vaccine produced on cell cultures.
Sao Tome & Principe	AfDB	Jan. 99 - Jun. 99	Senior Technical Adviser	Rehabilitation of Livestock Services Project in Sao Tomé Rehabilitation of the veterinary services and implementation of a epidemiological surveillance system. Defined objectives and plans (action for rehabilitation of the services and the veterinary laborator Developed and set up a national surveillance network with particul emphasis on the control of African Swine Fever. Designed ar organised the epidemiology training programmes for the veterina field officers and animal technicians. Conducted a primary survey assess the status of the main epizootic diseases. Designed ar organised a training programme for the director of veterinary servic and the laboratory personnel. Organised the rehabilitation of th diagnostic laboratory, defined requirements.
Guinea	CFD CIRAD EMVT France	Aug. 97 - Sept. 97	Epidemio. Consultant	Provided technical assistance to the Direction of the Veterina Services on the national epidemiological surveillance syster Organised the data management system. Assisted the local staff on th collection, analysis of data, interpretation and dissemination of result Designed and implement a training programme on surveillance syste for the field technicians.
Guinea	French Ministry of Coop. IDA CFD	Jan. 94 - Jun. 97	Laboratory specialist	Technical support to the National Laboratory. Technical support the Direction of Livestock Services on epizootic diseases contr (PARC programme). Define and supervise the work programme (each department (bacteriology, virology, parasitology, food hygiene Ensure that proper methodology is applied in each department an implement serological methods of diagnosis (Elisa for Rinderpest PPR; CF test for CBPP) as well as bacteriological methods for th isolation of mycoplasma mycoides (CBPP). Ensure that prop financing, facilities, material and supplies, are made available to me the objectives. Provide necessary training to the local staf Organised and supervised epidemiological surveys in the field t assess the incidences of the main contagious animal diseases such a CBPP, cattle abortive diseases, Peste des Petits Ruminants, Lump Skin Disease. Within the framework of PARC project, organised an supervised serological surveys in order to have the Republic (Guinea recognised by OIE and FAO as free of Rinderpest. Withi the framework of PARC project, contributed to elaborate contr strategy against CBPP.
Guinea	IDA	May 95	Vaccine	Feasibility study on bacterial vaccine production at Kindia Laborator

Country	Org.	Date	Position	Job Description
Cameron	CFD CIRAD	May 93 - Jul. 93	Vaccine production specialist & Laboratory specialist	Technical assessment of "Lanavet national vaccine and diagnos laboratory", one of the main vaccine suppliers for Central and W Africa. Conducted an appraisal of production facilities and mate of the institute. Review methods of production and quality control the followings: Freeze-dried Rinderpest vaccine produced on c cultures, attenuated CBPP vaccine produced in fermentors, clostri and pasteurellosis vaccines for cattle, avian vaccines. Analyti evaluation of cost of production per vaccine. Made proposals fo technical and economical viability and sustainability of laboratory.
Chad	WB	Mar. 93 - Apr. 93	Laboratory specialist	Technical assessment of Laboratoire National de Farcha. N'Djame Conducted an audit of the bacterial vaccine production unit and of diagnostic facilities.
Botswana	Institut Mérieux France	1987 - 1992	Technical Manager & Deputy Director	Botswana Vaccine Institute (BVI), Gaborone. Supervised production, quality control and development Rinderpest and FMD vaccines exported by BVI to Southern, East and Western African countries. Performed characterisation of fi FMD virus strains. Developed contacts with the Directors Veterinary Services of the Region (Botswana, Mozambiq Namibia, RSA, Zambia, Zimbabwe) for all matters related to FM Provided expertise on FMD to the veterinary services in the Reg (regional OIE expert for FMD). Organised and supervised train sessions for regional laboratories technicians. Financial managem and operating costs of the vaccines. Maintenance supervision a control, maintenance budgeting, and in the setting up of a prevent maintenance programme.
Brazil	Institut Mérieux France	1983 - 1987	General Manager	*For 2,5 year:* In charge of the second largest veterin pharmaceutical company in Brazil, co-ordinated and supervi production, marketing, sales of vaccines and animal health product *For 1,5 year:* Supervised the largest production in Brazil of FM inactivated vaccine (50 millions quadrivalent doses per year) produ on cell culture in fermentors. Supervised production and control of a complete range of cattle, and avian vaccines such as: Clostridium and brucellosis vacci produced in large scale fermentors. Frozen or freeze-dried avian virus vaccines (NDV, Marek, Gumbo produced on eggs or on cell cultures. Rabies vaccine on cell cultu FMD vaccine for pigs and swine fever vaccine.
Senegal	French Ministry of Coop.	1963 – 1964	Virologist	Dakar-Hann Laboratory. Implemented production and quality cont of freeze-dried Rinderpest cell-culture vaccine. The vaccine was us in the Regional African Co-ordinated Campaign against Rinderpes
Chad	IEMVT French Ministry of Coop.	1961 – 1962	Virologist	Virologist, Farcha Laboratory, N'Djaména. Ran clinical and laboratory investigations on Rinderpest and ot contagious diseases in the field. Supervised production and control freeze dried caprinised Rinderpest vaccine and ran efficacy tests target species. Contributed to implementation of serological meth for laboratory diagnosis of Rinderpest.

15. Membership of professional bodies: Member of the French Society of Veterinary Epidemiology

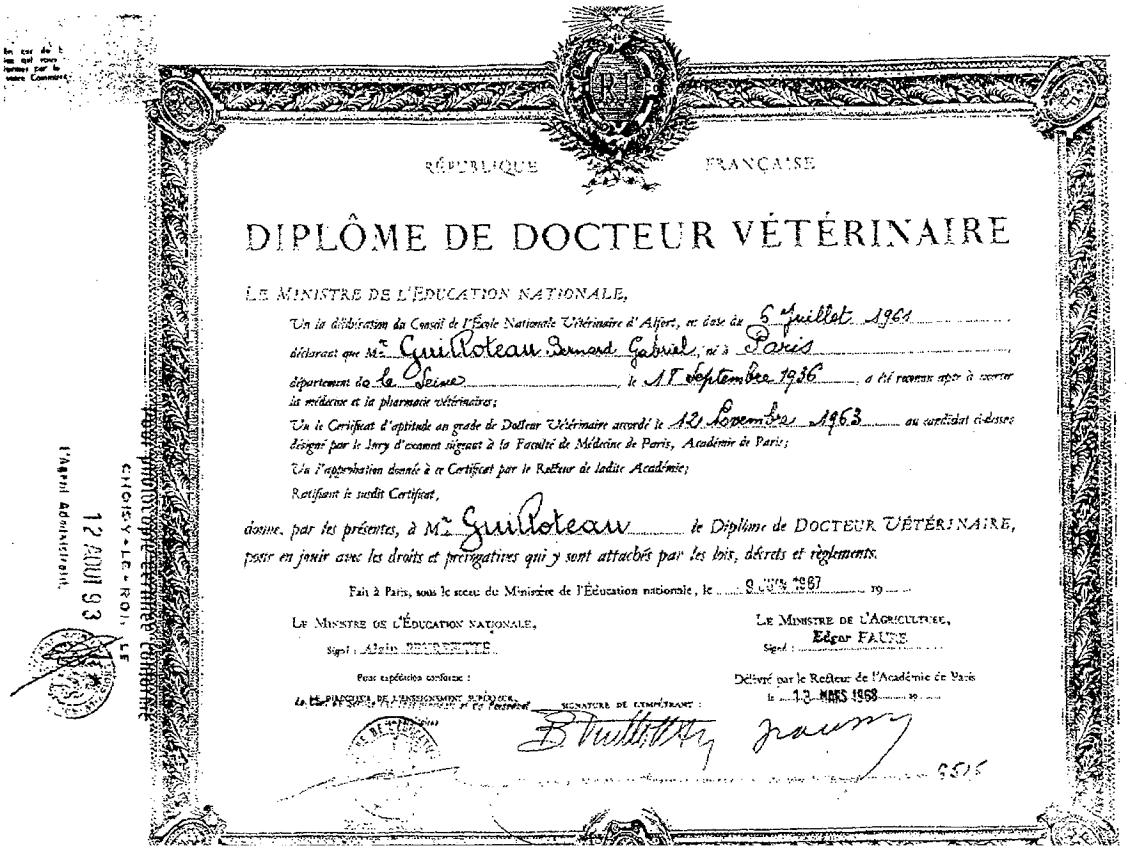
16. Other relevant professional experience:

Country	Org.	Date	Position	Job Description
England	Eli Lilly & Company Research Centre, England	1976 – 1981	International Research & Development Co-ordinator	International Research & Development Co-ordinator for ani heath products in European (Germany, Greece, Italy, Spa Eastern European and Middle Eastern countries. Co-ordinated R&D and technical support with affiliates. Defined development programmes in collaboration with the nati laboratories and universities.
France	Elanco France	1969 - 1976	Head of development & Sales manager	Head of development for new feed additives and veterir therapeutics. Field Development and registration of new ani feed additives, growth promoters and veterinary therapeutics.
France	Roger Bellon Lab., Rhône Poulenc	1965 - 1969	Consultant	In charge of Virus Research department (9 technicians). Organised the activities of the virus research department i private vaccine laboratory. Contributed to the development c new FMD vaccine produced in fermentors on BHK cells suspension.

17. Publications:

A list of Mr. Guilloteau's publications is available on request.

Copies of certificates of B. Guilloteau



RÉPUBLIQUE FRANÇAISE

DIPLÔME DE DOCTEUR VÉTÉRINAIRE

LE MINISTRE DE L'ÉDUCATION NATIONALE,

Vu la délibération du Conseil de l'École Nationale Vétérinaire d'Alfort, en date du 6 juillet 1961

déclarant que Mr Guilloteau Bernard Gabriel, né à Paris

département de la Seine, le 17 septembre 1936, a été reconnu apte à exercer la médecine et la pharmacie vétérinaires;

Vu le Certificat d'aptitude au grade de Docteur Vétérinaire accordé le 12 novembre 1963 au candidat ci-dessus désigné par le Jury d'examen siégeant à la Faculté de Médecine de Paris, Académie de Paris;

Vu l'approbation donnée à ce Certificat par le Recteur de ladite Académie;

Rectifiant le susdit Certificat,

donne, par les présentes, à Mr Guilloteau le Diplôme de DOCTEUR VÉTÉRINAIRE, pour en jouir avec les droits et prérogatives qui y sont attachés par les lois, décrets et règlements.

Fait à Paris, sous le sceau du Ministère de l'Éducation nationale, le 9 JUIN 1967 19

LE MINISTRE DE L'ÉDUCATION NATIONALE,
Signé : Alain PEYREFITTE

LE MINISTRE DE L'AGRICULTURE,
Edgar FAURE
Signé :

Pour expédition conforme :
Le Chef du Bureau de l'Enseignement supérieur et Recherche

SIGNATURE DE L'INTÉRESSÉ :

Délivré par le Recteur de l'Académie de Paris
le 13 MARS 1968 19

9505

12 AOUT 93

RÉPUBLIQUE FRANÇAISE

INSTITUT D'ÉLEVAGE ET DE MÉDECINE VÉTÉRINAIRE DES PAYS TROPICAUX

Photocopie certifiée conforme
à l'original.
Caromb le 30 AOUT 2002.
Le Maire,

DIPLOME

Vu la loi du 8 Juin 1948 portant création de l'Institut d'Elevage et de Médecine Vétérinaire des Pays Tropicaux,

Vu le décret du 13 Avril 1962 portant réorganisation de l'Institut d'Elevage et de Médecine Vétérinaire des Pays Tropicaux,

Sur le rapport du Directeur Général de l'Institut d'Elevage et de Médecine Vétérinaire des Pays Tropicaux constatant que

MONSIEUR Guillotteau , Bernard

NÉ LE 18 septembre 1936 à Paris

A SUIVI L'ENSEIGNEMENT DU COURS D'ELEVAGE ET DE MÉDECINE VÉTÉRINAIRE DES PAYS TROPICAUX Spécialisation: Microbiologie Sérologie ET QU'IL A SUBI AVEC SUCCÈS LES ÉPREUVES IMPOSÉES.

LUI CONFÈRE LE PRÉSENT DIPLÔME POUR SERVIR ET VALOIR CE QUE DE DROIT.

Vu : Le Directeur Général
de l'Institut d'Elevage et de Médecine Vétérinaire
des Pays Tropicaux,

A PARIS, LE 29 juin 1963

LE MINISTRE,

Signature du Titulaire,

Enregistré à l'Institut d'Elevage et de Médecine Vétérinaire
des Pays Tropicaux sous le No. 505

Institut Pasteur

28, RUE DU DOCTEUR ROUX
75724 PARIS Cedex 15
TÉL. (33) 45.68.81.81 (poste)
TELEFAX (1) 43.06.91.35
TELEX 250009 F

DIRECTION

SECRÉTARIAT
DES ENSEIGNEMENTS ET DES STAGES

N/Réf. : RB/JN/IR

ATTESTATION

Je soussigné, Professeur François ROUGEON, Sous-Directeur de l'Institut Pasteur, déclare que Monsieur Bernard GUILLOTEAU, a suivi les cours de Microbiologie, d'Immunologie Générale et de Sérologie de l'Institut Pasteur (année universitaire 1962-1963) et a passé avec succès les épreuves des examens sanctionnant ces enseignements.

Fait à Paris, le 12 août 1963

DIRECTION

Photocopie certifiée conforme
à l'original.
Caromb le 30 août 2002.
Le Maire,

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: CHROMB - FRANCE - 28/08/02

Signature:

Name: GUILLOTEAU Bernard

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** BEERLING
2. **First names:** Marie-Louise
3. **Date and Place of birth:** 22 March 1952, Duiven, the Netherlands
4. **Nationality:** Dutch
5. **Civil status and number of dependants:** Married, no dependants
6. **Education:**

Institution	Agricultural University Wageningen, Netherlands
Date: from (month/year) to (month/year)	1971 - 1978
Degree(s) or Diploma(s) obtained:	M.Sc. Sociology

Institution	Rollecate College, Deventer, Netherlands
Date: from (month/year) to (month/year)	1975-1976
Degree(s) or Diploma(s) obtained:	Diploma Course Home Economics and Extension in Dev. Countrie

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
Dutch	1	1	1
English	1	1	1
French	1	1	1
German	1	1	3
Fulfulde	5	5	5

8. **Other skills** *(e.g. computer literacy, etc.)*: .): Financial management; Familiar with FAO, EU and DGIS procedures; Excellent inter-personal and cross-cultural negotiation skills; Computer literacy; Participatory planning and Monitoring & Evaluation.

9. **Present position:** Director RDP Livestock Services and Senior Consultant Rural and Livestock Sociology

10. **Years of professional experience** *(relevant to the programme)*: > 20 years

11. **Years within the firm:** 14

12. **Key qualifications** *(relevant to the programme)*: Gender issues in rural development, in particular livestock development, extension and research; expertise in field work methodology, research and extension in livestock development with specific focus on pastoral and agro-pastoral production systems; development of programmes for community participation in range management, tsetse control and natural resource management, and for issues concerning social organization, service restructuring and land tenure. In addition ample project management experience and experience with management of EDF funded projects.

13. **Experience with projects financed by international organisations** *(country, project, years)*: West, East and Southern Africa, Egypt, Yemen, Pakistan, Sri Lanka, Philippines, China, Kyrgyzstan - Numerous short-term assignments (IFAD/World Bank, EU, DFID, AfDB, UNDP, DGIS, GTZ, OIE), 1985 to present

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Botswana, Burkina Faso, Cameroon, PR China, Egypt, India, Kenya, Kyrgyzstan, Malawi, Mali, Mauritania, Niger, Pakistan, Philippines, Sri Lanka, Togo, Yemen, Zambia	IFAD, World Bank, EU, DFID, AfDB, UNDP, DGIS, GTZ, OIE	1985 to present, short-term assignments up to 3 months per year	Consultant	Adaptation of methodologies for research and extension in livestoc management; Improve the role of women in livestock development; Design and implementation of livestock extension programmes women and through women workers; Incorporation of gender issues in rural development, agriculture an rural traction; Formulation and monitoring and evaluation of projects.
Niger	EU - PROZOPAS	1999-2002	Team Leader	Head of the technical assistance team. PROZOPAS aims at securi the pastoral production system, safeguarding the natural resource and at enhancing the living conditions of the pastoral people the area.

15. Membership of professional bodies:

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
Netherlands	Ministry of Agriculture, Environment and Fisheries for OIE	1998 - 1999	Committee member	Formulating guidelines for cri management caused by sudc outbreaks of animal diseases.
Netherlands	TOOL	1997	Adviser Gender and Technology	Advising on the organization a contents of a conference and exp workshop "Technology a Development, Strategies for Integration of Gender".
Netherlands	DGIS	1996	Consultant Gender and Development	Evaluation of field experiences w the Netherlands gender a development policy. Contribution to the formulation o strategy paper on environmen and sustainability aspects of anir disease control programmes in Su Saharan Africa.

17. Publications: Numerous project and mission reports

Wageningen
Landbouwhogeschool

GETUIGSCHRIFT

De Faculteit der Landbouwwetenschappen verklaart dat

Maria Louisa Elisabeth Josephine Beerling

geboren op 22 maart 1952 te Duiven

het DOCTORAALEXAMEN in de LANDBOUWWETENSCHAPPEN

met goed gevolg heeft afgelegd in de studierichting

SOCIOLOGIE VAN DE WESTERSE GEBIEDEN

bedoeld in de artikelen 173 m en 173 n van het Koninklijk Besluit van 11 september 1963, Staatsblad 380 en bevoegd is tot het uitoefenen van alle aan het bezit van dit getuigschrift bij de wet verbonden rechten.

Wageningen, 6 juni 1978

Namens de Faculteit der Landbouwwetenschappen,

De Examencommissie, aangewezen tot het afnemen van bovengenoemd examen,

voorzitter:

secretaris:

Handtekening van de gecxamineerde:

LANDBOUWHOGESCHOOL WAGENINGEN

The Faculty of Agricultural Sciences of the Agricultural University of Wageningen (the Netherlands) certifies that

Maria Louisa Elisabeth Josephine Beerling

born on 22-03-1952 at Duiven

The Netherlands

has passed the final examination in Agricultural Sciences on 10-06-1978

with special reference to Sociology

in pursuance of Section 173 m and 173 n of Royal Decree 11 September 1963 as published in Staatsblad 380 (Official Gazette 380), and is thereby entitled to all appertaining statutory rights.

The final examination included the following subjects:

Rural sociology
Psychology

On behalf of the Faculty of Agricultural Sciences,
The Dean,

Prof.Dr.Ir. W.J. Scheper.

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

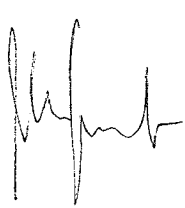
Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned Marie Louise Beerling hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Zeist, 20 August 2002

Signature: 

Name : Marie-Louise Beerling

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** BERNARD
2. **First names:** Didier
3. **Date and Place of birth:** 26 July 1945, Paris
4. **Nationality:** French
5. **Civil status and number of dependants:** Married, 4 dependants
6. **Education:**

Institution:	University Paris VIII
Date:	November 1968 to June 1972
Degree(s) or Diploma(s) obtained:	BA in Arts

Institution:	University Paris VIII
Date:	October 1977 to June 1979
Degree(s) or Diploma(s) obtained:	BA in Education Sciences

Institution:	School of NLP
Date:	February 1992 to July 1993
Degree(s) or Diploma(s) obtained:	MA in NLP (internationally recognised diploma)

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
French	1	1	1
English	1	2	2
Italian	4	3	5
Arabic	5	5	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Word, Excel, PowerPoint, software for image processing).
9. **Present position:** Senior International Consultant
10. **Years of professional experience** *(relevant to the programme)*: Over 35 years
11. **Years within the firm:** Not relevant
12. **Key qualifications** *(relevant to the programme)*:
    - Research, conception and implementation of participatory approaches for development with emphasis on the psycho-social/cultural dimension and communication.
    - Conception and planning of social, educational and institutional communication strategies in the field of rural development: population, health and nutrition, environment protection, agro-pastoralism, animal health agriculture.
    - Formulation and evaluation of projects related to communication, education, training and to the human dimension of development.
    - Conception and implementation of training sessions in interpersonal communication and participation approaches for high and medium level of national personnel as well as fields agents.
    - Definition of sectorial or national development communication policy based on available human and material resources in mass, group and interpersonal communication.
13. **Experience with projects financed by international organisations** *(country, project, years)*: Central, Western and Eastern Africa & Middle East - Numerous short-term assignments exclusively in the field of communication and

14. Specific Developing Countries Experience:

Country	Org.	Date	Position	Job Description
Mali	OUA IBAR	Oct. 00 - Mar. 01	Communication regional advisor	Regional Communication adviser to the Regi Coordination of Bamako for the PACE Programme.
Haïti	FAO	Jul. 00 - Aug. 00	Participation consultant	Backstopping mission (participation & communication tc GCP/HAI/015/NET environnemental project.
Morocco	EU	Jun. 00 - Jul. 00	Communication consultant	Training in IPC in the framework of the GEFRIF II projec
Morocco	ONEP	May 00 - Jun. 00	Training consultant	Training in IPC to the field officers of UTF/MOR/023/MOR water and sanitation project.
Gabon Cameroon	EU WB	Feb. 00 - Apr. 00	Communication consultant	Short-term technical support missions as communica specialist in the PRGIE environnemental project.
Morocco	EU	Dec. 99	Communication consultant	Evaluation mission for the GEFRIF environnemental proj
Morocco	ONEP FAO	Nov. 99	Communication consultant	Technical backstopping missions for 3 FAO proj (UTF/MOR/023/MOR; TCP/MOR/8924; TCP/MOR/882 the field of rural development.
Ethiopia	FAO	Oct. 99	Communication consultant	Communication component formulating and designing of GCP/ETH/056/BEL project (Nutrition improvement proje
Benin, IC Togo, Ghana	EU	May 99 - Jun. 99	Communication consultant	Final evaluation of the Part I of the PACIPE pro information and communication programme environmental protection.
Morocco	FAO PNUD	Jan. 99 - Feb. 99	Communication consultant	Technical backstopping to the TCP/MOR/8822 irriga project and the MOR/97/004 project.
Guinea	UNICEF	May 98 - Aug. 98	IPC consultant	Evaluation and training in IPC to the programme hea education.
Benin, IC Togo, Ghana, Guinea	EU	Nov. 97 - Jan. 98	Communication consultant	Mid-Term evaluation of the PACIPE, information communication programme on environmental protection.
Morocco	FAO	Oct. 97- Nov. 97	Communication consultant	Evaluation of the UTF/MOR/019/MOR project, informa and communication strategy proposals in the field of fishe activities.
Mali	UNDP	Jul. 97 - Sept. 97	Team Leader	Final evaluation of the MLI/92/001, backstopping to CESPA (Audiovisual production centre).
Benin	UNDP	May 97 - Jun. 97	Communication consultant	Leaflets and training materials elaborating and wri following the field mission in nov./dec. 1996.
Mali	The Netherlands	Feb. 97 - Mar. 97	Communication consultant	Technical backstopping to a health project in order improve the achievemnt of sanitary field officers.
Benin	UNDP	Nov. 96 - Dec. 96	Communication consultant	Evaluation of the participatory diagnostic tools and meth developed in an integrated rural development project.
Yemen Tunisia	WB	May 96 - Sept. 96	Communication consultant	Member of the formulation team for a Southern provir development project.
Congo	FAO	Sept. 95 - Oct. 95	Communication consultant	Member of the formulation team of the National R Development Plan in charge of identification of secto strategies and analysis of needs in information communication fields.
Burkina, Mali, Chad, Niger, Gambia	EU	May 94 - Jul. 94	Communication & training consultant	Formulation of the PFIE (Part II) sahelian programme environnemental awareness in primary education.
Jordania, Palestine, Egypt, Tunisia	EU	Apr.94- Jul.94	Communication consultant	Mid-Term evaluation of the MED MEDIA pilot program and recommandations for the second phase.

Country	Org.	Date	Position	Job Description
Burkina, Mali, Chad Mauritania	FAO	Dec. 93 - Jan. 94	Communication consultant	Identification and formulation of communication nati strategies in the framework of the National Nutrition Ac Plans.
Mali	FAO UNDP	Jul. 93 - Oct. 93	Communication consultant	Identification of a communication national strategy for development in charge of the synthesis of 12 l consultants; final document elaboration and sem animation.
Mali	Italy	Mar. 93 - Apr. 93	Training consultant	Training 17 officers in MARP and communication interac techniques.
Tunisia	FAO	Oct. 92 - Dec. 92	Communication consultant	Communication and training needs analysis for the Agenc Agricultural Investment Promotion.
Benin	FAO	Jun. 92	Communication consultant	Identification of rural radio development project in framework of the national communication strategy for development.
CILSS	OMM CTA	May 92	Communication consultant	Workshop organisation on the diffusion techniques methodologies of agrometeorological informations.
Chad	FAO	Apr. 92	Communication consultant	Identification and formulation of an environneme awareness project based on interactive communica techniques.
Regional Africa	EU FAO	Dec. 91- Jan. 92	Communication consultant	Manual redaction on the PARC strategy communication the african rural radios (French and English speak involvement.

15. **Membership of professional bodies:** Not relevant

16. **Other relevant professional experience:**

Country	Org.	Date	Position	Job Description
Italy	FAO	1985-1991	Communication specialist in SDRE (GIIS until about 1995) - (from P3/9 to P4/10).	Planned, developed and implemented population informat education, communication programmes and projects with spe reference to African countries. Undertook basic needs, programming and project formulat missions. Provided technical backstopping and advisory services to f projects as well as member country governments. Conducted training in communication techniques and use of mu media communication materials. Supervised annually 15 to 20 field experts or specialised consultan Negotiated with African governments, international institutions s as UNDP, UNFPA, UNICEF, EEC country representatives bilateral co-operation bodies of France, Switzerland, Holland. Organised and conducted a regional IEC population communicat workshop gathering IEC population projects from 10 Afri countries, both French and English speaking.
France	ASFO d'Armo r, Marest, Min. of Finance , FAO	1980-1984	Communication, adult training and pedagogy consultant	Formulated, organised and lead communication training worksh in Africa as well as identification and project formulation mission Burkina Faso (3), Senegal (1), Mauritania (3), Haiti (1) (for FAO UNESCO). Trained trainers in adult training, group dynamic, interpersc communication, monitoring and evaluation of training sessic Trained private company officers in Transactional Analysis appl to organisation development, problem solving methods, qua circles, meeting leadership. Trained medical and paramed personnel in all aspects of human relations and communication v direct application to their immediate context (for ASFO d'ARM and MAREST). Trained senior civil servant officers in communication, hun

Country	Org.	Date	Position	Job Description
France	IRAP	1978-1980	Training Engineer	Responsible for 7500 hours of training for emigrant workers in regions of France. Training of trainers. Training need assessment in industrial plants. Conceived, set up and conducted human relations training session hospitals in Normandy.
Yemen	Min. of F.A	1972-1977	University assistant within the French bilateral co-operation	University of Sana'a (1972-1975): Created a French language civilisation department. University of Kuwait (1975-1977): Member of the French departm with special reference to linguistic and cultural research, and teach training.
Morocco	Min. of F.A.	1966-1968	Secondary school teacher	Teacher on a voluntary basis in a remote village of High Atlas Morocco.

17. Publications:

A list of Mr. Bernard's many publications and communication materials is available on request.

Copies of certificates of D. Bernard

N°: 93003

L'ECOLE DE PNL

L'École de Programmation Neuro Linguistique

certifie que Didier Bernard
a démontré sa compétence dans l'utilisation des techniques de la PNL
et lui confère le titre de

Maitre Praticien en
Programmation Neuro Linguistique

Le 31 Juillet 1993

Le Responsable de Formation :

Alain Cayrol

UNIVERSITÉ DE PARIS-VIII № 1637

ATTESTATION DE LICENCE

Le Secrétaire Général de L'Université de PARIS VIII, certifie que :

M Onsieur BERNARD Didier

né (e) le 26 Juillet 1945 à PARIS 16ème

a été admis (e) ou grade de LICENCIE (E) :

LICENCE D'ENSEIGNEMENT

Section : ARABE

Session : JUIN 1971

Monsieur BERNARD Didier justifie de : 50 Unités de valeur

1) Titres admis en équivalences

2) Unités de valeur obtenues à l'Université de PARIS VIII

ARABE

03.12 Transposition de textes
03.36 Transposition de textes I
03.37 Transposition de textes I
03.69 Transposition de textes III
03.13 Introduction à la linguistique
03.22 Linguistique
03.10 Langue cycle intensif I
03.11 Langue cycle intensif I
03.30 Langue cycle intensif II
03.31 Langue cycle intensif II
03.32 Langue cycle intensif II
03.33 Langue cycle intensif II
03.42 Linguistique orale
03.05 Société traditionnelle et société moderne
03.07 La Politique des pays arabes I
03.20 La Politique des pays arabes III
03.08 Réformisme et modernisme I
03.17 Réformisme et modernisme II
03.19 Histoire de l'Islam
03.43 Formation nationale et nationalisme au Maghreb
03.54 Initiation à la littérature
03.57 Littérature II
03.72 Initiation à la littérature
03.76 Grands thèmes de la pensée islamique

HISTOIRE

11.07 Christianisme et Islam
11.45 Le monde de 850 à 1050
11.111 Expansion et impérialisme
11.112 Relations internationales au XX°
11.202 La Croisade
11.214 L'Indépendance du Maghreb la formation des états

Paris, le 18 Février 1972

Le Secrétaire Général,

MINISTÈRE DE L'ÉDUCATION NATIONALE UNIVERSITÉ PARIS-VINCENNES PARIS VIII

Cette attestation pour être valable, NE DOIT ÊTRE NI SURCHARGÉE NI GRATTÉE. L'Université ne la délivre qu'une fois.

Les Maires et les Commissaires de police français, les agents diplomatiques ou consulaires de la France à l'étranger peuvent en délivrer des copies certifiées conformes.

UNIVERSITE DE PARIS-VIII

№ 19363

ATTESTATION DE LICENCE

Le Secrétaire général de l'Université de Paris-VIII, certifie que :

M. onsieur BERNARD Didier

né(e) le 26 Juillet 1945 à PARIS

a été admis(e) au grade de LICENCIE(E) :

Section : SCIENCES DE L'EDUCATION REGLEMENTATION NATIONALE

Session : JUIN 1979

1. Titres admis en équivalences :

20 unités de valeur accordées par équivalence (licence d'arabe Juin 1971 PARIS VIII Stage de formation d'animateur pédagogique pour l'enseignement du français langue étrangère 1976)

2. Unités de valeur obtenues à l'Université de PARIS-VIII :

26 02 Méthodes et moyens d'apprentissage et d'enseignement traditionnels
26 03 Méthodes et moyens d'apprentissage et d'enseignement audio-visuels
26 07 Méthodes d'évaluation
26 09 Analyse du contenu du manuel scolaire
26 44 Problèmes sociaux de l'éducation dans le tiers-monde
F9 004 La situation d'entretien dans la relation éducative
F9 037 De l'interview non directif à l'élaboration du questionnaire
F9 703 Corps et pédagogie
F9 465 Expression totale et relation interculturelle
F9 702 Expression plastique et éducation

TAT A

Paris, le 5 MAI 1980

Pour Le Secrétaire Général,
Le CASU,

M. OGER

Cette attestation pour être valable, NE DOIT ETRE NI SURCHARGEE NI GRATTEE. L'Université ne la délivre qu'un fois.

Les Maires et les Commissaires de police français, les agents diplomatiques ou consulaires de la France à l'étranger peuvent en délivrer des copies certifiées conformes.

IN 9 151001 7

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

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To Whom It May Concern:

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In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date:

Lectoure, Monday, August 26, 2002

Signature:



Name : Didier BERNARD

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** HENDRICKX
2. **First names:** Guy Marie Paul Ghislain
3. **Date and Place of birth:** 9 March 1960, Wilrijk, Belgium
4. **Nationality:** Belgian
5. **Civil status and number of dependants:** Married, 4 dependants
6. **Education:**

Institution	State University of Ghent, Belgium, Parasitology laboratory.
Date: from (month/year) to (month/year)	03/1999 to 03/1999 External PhD based on field research (1991-1999)
Degree(s) or Diploma(s) obtained:	Doctor in Veterinary Sciences (PhD) with honours, Subject : Georeferenc Decision Support Methodology towards Trypanosomosis Management West Africa.

Institution	State Universities of Ghent (final) and Antwerp (prep), Belgium
Date: from (month/year) to (month/year)	09/1978 to 06/1985
Degree(s) or Diploma(s) obtained:	Doctor in Veterinary Medicine (DVM)

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
Dutch	1	1	1
English	1	1	1
French	1	1	1

8. **Other skills** *(e.g. computer literacy, etc.)*:

   Computer literacy:
   - Standard : Windows, Microsoft Office Professional
   - GIS : ArcGIS 8.1, ArcView 3.2, Spatial Analyst, Idrisi, CartaLinx, MapInfo
   - Statistics : SPSS, Unistat

9. **Present position:** Managing Director Avia-GIS bvba
10. **Years of professional experience** *(relevant to the programme)*: 15
11. **Years within the firm:** Founding partner since 03-2001.
12. **Key qualifications** *(relevant to the programme)*: Disease mapping and spatial epidemiology sensu largo (people, their environment, their livestock, vectors of disease and parasites); Geographical Information Systems (GIS), tools for analysis and decision support; Integrated disease management and risk assessment; Research and development in the framework of multidisciplinary teams, training of trainers, capacity building and technology transfer; Implementation of private veterinary schemes; Project formulation and implementation.
13. **Experience with projects financed by international organisations** *(country, project, years)*: **Burkina Faso and Togo**, FAO project GCP-RAF-347-BEL, 01/1998 to 03/2000; Togo, FAO project GCP-TOG-013-BEL, 05/1991 to 12/1997; **Tanzania**, FAO project URT-86-014, 12/1988 to 04/1991

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
South Africa	Avia-GIS IAEA	06/2002 – 11/2002	Consultant	Modelling tsetse populations in South Africa.
Burkina Faso	Avia-GIS IAEA	03/2002 – 04/2002	Consultant	Regional GIS training course for tsetse control in West Afri
The Gambia	Avia-GIS RDP	06/2001 – 07/2001	Consultant	Livestock GIS contribution to the Livestock Development Study of The Gambia.
West Africa	Avia-GIS FAO-IAEA	12/2000 (ongoing)	Consultant	Strategic planning of area-wide tsetse and trypanosomosis control in West Africa.
Niger	RDP	11/2000	Consultant	Para veterinary staff and rural private veterinary practice in the arid pastoral zone of Niger (PROZOPAS).
Togo-Burkina Faso	FAO	01/1998 - 03/2000	CTA	Chief technical advisor (CTA) in charge of both administration and technical aspects of the regional trypanosomosis control project. Togo: Control activities in selected priority areas, involvement of private sector, profitability study of this type of private rural veterinary practice conducted in partnership with Vétérinaires Sans Frontières (VSF). Burkina Faso: Adapt the developed GIS to the dryer eco-climatic zones of Burkina Faso. Development of an epidemiological model for the cotton belt of Burkina Faso. Special emphasis is put on the training of veterinary staff (database management and GIS). Establishment of a GIS network including partners in Togo, Burkina Faso, Benin, Ghana, Mali, Ivory Coast and Niger.
Togo	FAO	01/1993 - 12/1997	Expert	In charge of project design, planning and supervision. Development of a novel GIS based approach towards trypanosomosis management, including design and implementation of adapted multidisciplinary field surveys fo the detailed study of the epidemiology of trypanosomosis, a the use of climatological satellite data to predict vector distribution and abundance, and disease prevalence. In addition, a series of models were developed, adapted to th identified animal husbandry systems. Five pilot studies are conducted to assess acceptability from users point of view of various control options in different ec climatical settings. A self-sufficient private rural veterinarian network is design and implemented using trypanosomosis control as a basis fo improving basic animal health and husbandry. Related technology transfer, training and extension work activities are organised.
Togo	FAO	05/1991 - 12/1992	APO	
Tanzania	FAO	12/1988 - 04/1991	APO	In charge of the trypanosomosis programme within the proj framework. Designed a socio-economical questionnaire to assess response of Wasukuma agro-pastoralists towards try-panosomosis risk. Recommended a veterinary approach to address problem based on obtained results. Field research activities focussed on mapping of trypanosomosis prevalence, cattle distributions and cattle migrations in the project area.

Rwanda	VVOB[1]	12/1986 - 12/1988	Veterinarian	In charge of the veterinary clinic and practical training of th students. Specific theoretical courses: pathology, epidemiology and diagnosis. Trained middle level veterinar field staff. Part time volunteer researcher at CURPHAMETRA (University Centre for Research on Pharmacopoeia and Traditional Medicine), (1 year). Subject : medicinal plants t the treatment of scabies.

15. Membership of professional bodies:

- Laureate of the National Academy of Overseas Sciences (Belgium)
- External scientific collaborator of the Institute for Tropical Medicine, ITM (Antwerp, Belgium)
- Collaborator of the Trypanosomiasis and Land Use in Africa (TALA) research group (Oxford, UK)
- Member of the Society for Veterinary Epidemiology and Preventive Medicine (UK)
- Member of the South African Society for Veterinary Epidemiology and Preventive Medicine (SA)

16. Other relevant professional experience:

Country	**Organization**	**Date: From/to**	**Position**	**Job Description**
Africa, Asia, Europe	Avia-GIS FAO	05/2000 (ongoing)	Consultant	World Livestock Atlas Series Pa 1, Livestock geography of Euro Asia and Africa.
United Kingdom, Belgium, France	Avia-GIS Resp. PAN, ITM, WHO	2001 (ongoing)	Consultant	GIS training activities for Readi University (PAN Livestock), Institute for Tropical Medicine (ITM), WHO.
Côte d'Ivoire, Uganda, The Gambia, Mozambique, Kenya, Burkina Faso	ISCTRC FAO	Resp. '91, '93, '95, '97, '99, '01.	Expert	International Scientific Council Trypanosomiasis Research and Control. Conference participant.
Benin, The Gambia, Ghana, Kenya, Ouagadougou.	FAO	Resp. '92, '94, '97, '99, '01.	Technical Advisor	Technical advisor FAO Liaison Officers Meetings
Austria, Kenya, Burkina Faso	PAAT	Resp. '98, '99, '01	Technical Advisor	Technical advisor Program agai African Trypanosomosis
Austria, Belgium, Benin, Burkina Faso, Côte, Ethiopia, d'Ivoire, France, Ghana, Kenya, The Gambia, Mali, Niger, Nigeria, Ireland, Switzerland, Togo, United Kingdom, Zimbabwe	Various	1989 till present	Expert	Various workshops and study tours.

[1] Vlaamse Vereniging voor Opleidings Programma's in het Buitenland – Flemish Association for Trainingprograms

17. Publications (Peer Reviewed):

- Marchot, P., Hursey, B. and Hendrickx, G. (1991) Towards an integrated approach for tsetse flies and trypanosomiasis control in Africa. Tropicultura, 9, 42-44.
- He(y)ndrickx, G., Brioen, P. and Van Puyvelde, L. (1992) Study of Rwandese Medicinal Plants Used in the Treatment of Scabies. Journal of Ethnopharmacology, 35, 259-262.
- Marchot, P., Vermeylen, A., Hendrickx, G., Leroy, P. (1992) Observation de sclérectasie dans un élevage de porc à Sotouboua, Togo. Revue d'Elevage et de Médecine Vétérinaire des Pays Tropicaux, 45, 227-228.
- Rogers, D. J., Hendrickx, G. and Slingenbergh, J.H.W. (1994) Tsetse flies and their control. Revue Scientifique et Technique de l'Office International des Epizooties, 13, 1075-1124.
- Hendrickx, G. et Napala, A. (1995) Un projet innovateur de lutte contre la trypanosomiase au Togo. Revue Mondiale de Zootechnie, 83, 68-70.
- Hendrickx, G., Meghen, C., Napala, A., Machugh, D. E., Bradley, D. G. & Dao, B. (1996) Phenotypic designation o Togolese cattle correlate strongly with microsatellite allele frequencies. Animal Genetics, 27 (suppl.2), 21 (Abstract only).
- Hendrickx, G., Napala, A., Rogers, D.J., Bastiaensen, P. and Slingenbergh, J.H.W. (1998) Can remotely sensed NOAA and Meteosat data significantly contribute to reduce costs of tsetse surveys? Memorias do Instituto Oswaldo Cruz, Rio de Janeiro, 94(2), 273-276.
- Bauer, B., Slingenbergh, J. and Hendrickx, G. (1999) A trial to control tsetse at Galana Ranch: Examining the issues. Parasitology Today, 15(2),82 (Letter to the Editor).
- Hendrickx, G. (1999) Georeferenced Decision Support Methodology towards Trypanosomosis Management in West Africa. PhD thesis presented at the State University of Ghent, Veterinary Faculty, Gent, Belgium, 25 March 1999, pp. 176.
- Hendrickx, G. et Napala, A. (1999) Le contrôle de la trypanosomose « à la carte » : une approche intégrée basée sur un Système d'Information Géographique. Académie Royale des Sciences d'Outre Mer, Bruxelles, Mémoires Classe Sciences Naturelles & Médicales, Série 8, 24(4), pp. 88.
- Hendrickx, G., Napala, A., Dao, B., Batawui, D., De Deken, R., Vermeylen, A. and Slingenbergh, J.H.W. (1999) A systematic approach to area-wide tsetse distribution and abundance maps. Bulletin of Entomological Research, 89, 231-244.
- Hendrickx, G., Napala, A., Dao, B., Batawui, D., Bastiaensen, P., De Deken, R., Vermeylen, A., Vercruysse, J. and Slingenbergh, J.H.W. (1999) The area-wide epidemiology of bovine trypanosomosis and its impact on mixed farming in subhumid West Africa ; a case study in Togo. Veterinary Parasitology, 84, 13-31.
- Hendrickx, G., Napala, A., Slingenbergh, J.H.W., De Deken, R., Vercruysse, J. and Rogers, D.J. (2000) The Spatial Patterns of Trypanosomosis Predicted with the aid of Satellite Imagery, Parasitology, 120, 121-134.
- Hendrickx, G., de La Rocque, S., Reid, R. and Wint, W. (2001) Spatial trypanosomosis management. From Data-layers to Decision Making. Trends in Parasitology (formerly Parasitology Today), 17, 35-42.
- Hendrickx, G., Napala, A., Slingenbergh, J.H.W., De Deken, R. and Rogers, D.J. (2001) A contribution towards simplifying area-wide tsetse surveys using medium resolution meteorological satellite data. Bulletin of Entomological Research, 91, 333-346.
- Wint, W., Slingenbergh, J., Hendrickx, G. and Bourn, D. (2001) Livestock Geography: New Perspectives on Global Resources. Website and CD-Rom: http://ergodd.zoo.ox.ac.uk/livatl2/index.htm.
- Wint, W., Bourn, D., Hendrickx, G., Kruska, R. and Slingenbergh, J. (2002) Livestock Mapping: Present and Future. Chapter 2: Global Environmental Databases (Volume 2). International Society for Photogrammetry and Remote Sensing (ISPRS) Ed. R.Tateishi, 2, 39-54.
- Bouka C. Ekpetsi, Batawui K., Napala A., Bastiaensen P., Faye N. & Hendrickx G. (2002) Etude des parasitoses des veaux dans la région septentrionale du Togo. Revue d'Elevage et de Médecine Vétérinaire des Pays Tropicaux (accepted).
- Hendrickx, G. and de La Rocque, S. (2002) Systems dynamics and fly distribution patterns : towards longterm tsetse and trypanosomosis management in West Africa. PAAT technical and Scientific Series (accepted).
- Hendrickx, G., Biesemans J. and De Deken R. (2002) A Review of GIS in Parasitology. Lead paper first GIS-Vet Conference, September 2001, Lancaster, UK (accepted).
- Bastiaensen P., Cissé A., Gnofam M., Bebay C.E., Kouagou N'T., Sonhaye A., Napala A. & Hendrickx G. (submitted) Pratique vétérinaire privée rurale au Togo : appréciation socio-économique de sa viabilité. Bulletin of Animal Health and Production in Africa.
- Batawui K., Bastiaensen P., Napala A. & Hendrickx G. (submitted) L'application séquentielle de lambda-cyhalothrine sur le bétail par la méthode ELECTRODYN™. Résultats obtenus au Togo dans le cadre de la lutte contre la TAA. Revue d'Elevage et de Médecine Vétérinaire des Pays Tropicaux.
- 30+ publications at various international conferences.

Copies of certificates of G.M.P.G. Hendrickx

ENKEL VOOR PLAATSAANVRAGEN

Voor eensluidend afschrift :
Antwerpen,
14 NOV 2000
Voor de Burgemeester
de gemachtigde,
Brigitte De Wacle

E 505

RIJKSUNIVERSITEIT TE GENT

Wij, voorzitter, secretaris en leden van de examencommissie, door de Faculteit van de Diergeneeskunde van de Rijksuniversiteit te Gent belast met het verlenen van de wetselijke graad van doctor in de diergeneeskunde;

Aangezien Guy HENDRICKX
geboren te Wilrijk op 9 maart 1960
in het bezit is van een diploma van kandidaat in de diergeneeskundige wetenschappen, uitgereikt door het Rijksuniversitair Centrum te Antwerpen op 29 september 1982 en bekrachtigd op 16 augustus 1983;

Aangezien hij respectievelijk op 30 september 1983 op voldoende wijze
op 28 september 1984 op voldoende wijze
en op 28 juni 1985 op voldoende wijze
examen ter verkrijging van de graad van doctor in de diergeneeskunde heeft afgelegd over de volgende vakken: pathologische anteadkunde; pathologische fysiologie en biochemie; medische microbiologie; parasitologie en parasitaire ziekten; semeiologie; farmacologie; farmacotherapie, bereiding van de geneesmiddelen en toxicologie; medische pathologie; infectieziekten en tropische ziekten; pathologie van de voortplanting, verloskunde en kunstmatige inseminatie; heelkunde; klinieken; lijkschouwing; hygiëne; hygiëne en technologie van eetwaren van dierlijke oorsprong; diergeneeskundige wetgeving en deontologie; veeteelt; voedingsleer van de huisdieren; landbouweconomie;
en dat hij praktische examens heeft afgelegd over: pathologische anteadkunde; medische microbiologie; parasitologie en parasitaire ziekten; semeiologie; farmacologie; farmacotherapie; bereiding van de geneesmiddelen en toxicologie; pathologie van de voortplanting, verloskunde en kunstmatige inseminatie; heelkunde; klinieken; lijkschouwing; hygiëne en technologie van eetwaren van dierlijke oorsprong; veeteelt; voedingsleer van de huisdieren;

Hebben verleend en verlenen Guy HENDRICKX
de graad van doctor in de diergeneeskunde.

Ten bewijze waarvan wij hem dit diploma hebben uitgereikt, waaruit tevens blijkt dat hij interdaad colleges heeft gevolgd aan de Rijksuniversiteit te Gent en dat de voorschriften van de geoordineerde wetten op het toekennen van de academische graden en het programma van de universitaire examens, wat de duur van de studiën en de openbaarheid van de examens betreft, nageleefd werden.

Gegeven te Gent, 20 juni 1985

DE SECRETARIS. DE LEDEN VAN DE EXAMENCOMMISSIE. DE VOORZITTER.

DE ROUDER. DE RECTOR.

IN NAAM VAN ZIJNE MAJESTEIT DE KONING DER BELGEN

Wij, voorzitter en leden van de bijzondere bekrachtigingscommissie, ingesteld krachtens de geoordineerde wetten;
Bevestigen dat dit diploma regelmatig werd uitgereikt en dat al de bij de wet voorgeschreven voorwaarden werden nageleefd.
Ten blijke waarvan wij het heden 17-09-1985 bekrachtigd hebben en ingeschreven onder nummer 1117 folio 67 van het register, litera
Brussel, 17-09-1985

HET MD-SECRETARIS. VOOR DE COMMISSIE: DE VOORZITTER.

UNIVERSITEIT GENT

Faculteit Diergeneeskunde

Wij, Rector van de Universiteit Gent, verlenen aan

Guy Hendrickx

geboren op 9 maart 1960
te Wilrijk

de academische graad van

Doctor in de Diergeneeskundige Wetenschappen

behaald

met de grootste onderscheiding

Gegeven te Gent, 25 maart 1999

ENKEL VOOR PLAATSAANVRAGEN

de Rector,

Voor eensluidend afschrift : 14 NOV 2000
Antwerpen,
Voor de Burgemeester
de gemachtigde,
Brigitte De Wacle

Dit diploma is niet geldig zonder de opgeplakt kaart van de Universiteit Gent

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date:
Zoersel, Belgium
29-07-2002

Signature:

Name : G. HENDRICKX

Avia-GIS
Risschotlei, 33
B-2980 ZOERSEL
BELGIUM

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** JAMES
2. **First names:** Andrew D
3. **Date and Place of birth:** 9 October 1953, Ettington UK
4. **Nationality:** British
5. **Civil status and number of dependants:** Married, one dependant
6. **Education:**

Institution	University of Oxford,
Date: from (month/year) to (month/year)	1975
Degree(s) or Diploma(s) obtained:	BA (hons), Class 1. Agricultural and Forest Science. Specialising Agricultural Economics and Econometrics

Institution	The University of Reading
Date: from (month/year) to (month/year)	1984
Degree(s) or Diploma(s) obtained:	PhD on "Methods for the Economic Assessment of Animal Hea Constraints"

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1

8. **Other skills** *(e.g. computer literacy, etc.)*: Very extensive computing knowledge. Dr James has written many commercially available programs for animal health and production systems worldwide.

9. **Present position:** Director and Chairman of PAN Livestock Services Limited and Director of the Veterinary Epidemiology and Economics Research Unit (VEERU) at the University of Reading

10. **Years of professional experience** *(relevant to the programme)*: >20

11. **Years within the firm:** 17 years

12. **Key qualifications** *(relevant to the programme)*: Livestock information systems; Veterinary epidemiology; Computer software for the management of livestock information; Livestock herd modelling; Project and farm-level economic evaluation; Simulation models for rinderpest, BSE and smallholder livestock enterprises; Control of transboundary diseases, disease surveillance and disease modelling; Project planning, monitoring and evaluation.

13. **Experience with projects financed by international organisations** *(country, project, years)*: **Botswana, Tanzania, Morocco, Peru, Paraguay, Yemen, Bolovia, Zimbabwe, Brazil, Zambia, Kenya, Bangladesh, Sudan, Pakistan, India:** consultancies for DFID, from 1976 till present; **Zambia, Zimbabwe, India, Pakistan, Bangladesh, Sri Lanka, Argentina**: short-term missions for FAO, 1979-1993; **Kenya**, PARC (OAU/IBAR), 1998; **Kenya, Zambia, Zimbabwe, Botswana, Egypt**: consultancies for EU, 1987-1998; Ghana, Guinea Bissau, India: missions for the World Bank, 1990-1995; Uganda, Kenya, Colombia, consultancies for GTZ, 1981-1990.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Malta	Ministry of Agriculture	01/1998 – 08/2002	Consultant	Development of National Livestock Database Risk analysis of introduction of exotic disease Impact assessment on veterinary services of accession to EU
Botswana	Department of Animal Health and Production and DFID	2000	Consultant	Tsetse policy analysis Foot-and-mouth disease risk analysis and policy review
Uruguay	Ministry of Agriculture	2000	Consultant	Study of HACCP and quality systems in meat industry
Botswana	Department of Animal Health and Production and DFID	1999	Trainer	Training in animal disease modelling and risk assessment
Uganda	Uganda Government and British Council	1999	Trainer	Train veterinarians in Epidemiology and Livesto Economics
Botswana	Department of Animal Health and Production and DFID	01/1995 – 12/2000	Project Leader	Development of an Veterinary Epidemiology an Economics Unit
Kenya	OAU/IBAR and EU	1998	Consultant	PARC steering committee
Botswana	Department of Animal Health and Production and DFID	1998	Consultant	Privatisation of tsetse control services
Tanzania	DFID	1996	Consultant	Appraisal for Animal Health Project for Lake Ba Region
Chile	INDAP	1995	Consultant	Provision of veterinary services and brucellosis control
Ghana	World Bank	1995	Consultant	National Livestock Services Project
Zambia	EU	01/1993 to 12/1997	Consultant	Livestock Services Co-operative Society project
Kenya	Kenya Government and DFID	01/1988 to 12/1995	Project manager	Livestock Socio-economics and Epidemiology Project of NARP II
Egypt	EU	1995	Trainer	Course on Veterinary Epidemiology and Economi for Egyptian Veterinary Services
Kenya	DFID	1994	Trainer	Training course on Animal Health Economics, Principles and Applications
Uruguay	Ministerio de Ganaderia, Agricultura y Pesca	1994	Consultant	Eradication of TB and Brucellosis and introducti of surveillance, prevention and economic assessment methods for animal disease.
Guiné-Bissau	World Bank	1990 and 1993	Consultant	Livestock statistics and information
Zambia	FAO	1993	Adviser	Project design, evaluation and analysis for a fiel study to assess economic impact of tick infestati of cattle

Country	Organisation	Date: From/to	Position	Job Description
Morocco	DFID	1991	Reviewer	DFID-assisted research projects
Paraguay and Peru	DFID	1991	Consultant	Economic and financial review of DFID-assisted laboratories
Yemen Arab Republic	DFID	1990 and 1991	Consultant	Reviews of Veterinary Services project
India	World Bank	1990	Consultant	Project preparation for Tamil Nadu Agricultural Development Project
Bolivia	DFID	1990	Consultant	Mid term review of Veterinary Laboratory Proje
Uganda	GTZ	1990	Consultant	Mid term review of and replanning of Veterinary Epidemiology Project
Zimbabwe	DFID	1989	Consultant	Review of veterinary research laboratories
Kenya	DFID	1989	Consultant	Review of veterinary vaccine laboratories
Brazil	DFID	1989	Consultant	Review of veterinary research laboratory at Porto Alegre and vaccine production
Zambia	DFID	1988	Consultant	Establishment of an epidemiological data unit at Central Veterinary Research Institute
Zambia	FAO	1988	Consultant	Statistical and economic analysis of data from tri conducted by Tick Control project
Kenya	DFID	1988	Consultant	Animal health and production information systems data management and analysis for the NARP Programme
Uganda	GTZ	1988	Consultant	Evaluation and planning of a second phase of a veterinary project
Zimbabwe, Botswana and Zambia	EU	1987	Consultant	Economic evaluation of EU inputs to FMD contro
Bangladesh	DFID	1987	Consultant	Development of disease information systems
India, Pakistan and Bangladesh	FAO	1986	Consultant	Epidemiological and economic feasibility of rinderpest control/eradication
Kenya and Colombia	GTZ	1981 - 1986	Consultant	Establishment of veterinary epidemiology units. Develop micro-computer based data management systems for use in planning, monitoring and evaluation of livestock disease control policy
Sri Lanka	FAO	1980	Consultant	Development and implementation of a computer-based data management package for the Artificial Insemination Services
Argentina	FAO	1979 - 1980	Consultant	Development of a computer based livestock production and health management package
Sudan	DFID	1978	Consultant	Economic appraisal of control of foot-and-mouth disease
Pakistan	DFID	1977	Consultant	Economic appraisal of control of foot-and-mouth disease
India	DFID	1976	Consultant	Economic appraisal of control of foot-and-mouth

15. Membership of professional bodies:

- The Agricultural Economics Society;
- The British Society of Animal Science;
- Society of Veterinary Epidemiology & Preventive Medicine;
- Veterinary Research Club (Past President)

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
Croatia	EU PHARE programme	1999	Trainer	Training in veterinary epidemiology and economics and livestock disease risk management
Romania	EU PHARE programme	1999	Trainer	Introduce and train in use of software to recor animal health and production
UK, Italy, Chile, Colombia, Brazil	University of Reading	1998 - present	Supervisor	PhD supervision
France	OIE	1993 - present	member	Panels on CBPP control,
UK	The University of Reading Veterinary Epidemiology and Economics research Unit	1991 - present	Director	Training and research in veterinary epidemiology and livestock economics
Italy	GREP and EMPRES, FAO	1987 - present	Member	Expert consultation
UK	PAN Livestock Services Ltd	1985 - present	Director and Chairman	Animal health and livestock economics consultancy
Holland	Wageningen Agricultural University	1995	Lecturer	Animal Health Economics
UK	DFID and EU	1995	Reviewer	Animal health and livestock economics resear proposals
Italy	FAO	1993	Speaker	Expert Consultation on The Needs for Information Systems to Strengthen Veterinary Services in Developing Countries
UK	Warwick University	1993	Speaker	Workshop on the Modelling of Disease Epidemiology
Germany	GTZ	1992	Speaker	Symposium on Biotechnology for Improvemen of Animal Nutrition and Health
Belgium	EU	1992	Speaker	Workshop on the control of Newcastle Disease village poultry in Africa and Asia
France	OIE	1990	Participant	Expert consultation on the risks of FMD virus transmission through trade in livestock
France	OIE	1989	Participant	Expert consultation on Rinderpest Surveillance Systems and commissioned to write a field manual for developing rinderpest surveillance systems
Australia	Department of Primary Industries	1988	Consultant	Development of simulation models and information systems for exotic animal diseases

17. Publications: Dr James has published over 50 technical articles and publications. A list of publications is available on request.



UNIVERSITY OF READING

I hereby certify that

ANDREW DONALD JAMES

has been duly admitted to the Degree of

DOCTOR OF PHILOSOPHY

of this University

15 December 1984

Registrar

livestock services

Department of Agriculture
Earley Gate, P.O. Box 236
Reading, RG6 6AT
United Kingdom

Tel: +44 (0)118 926 4888 *Fax:* +44 (0)118 926 2431
e-mail: veeru@reading.ac.uk *Web:* http://www.veeru.reading.ac.uk

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

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Place and date: READING 29/8/02

Signature: AD James

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** MARINER
2. **First names:** Jeffrey C.
3. **Date and Place of birth:** 13 July 1956, Youngstown, Ohio, USA
4. **Nationality:** Spanish
5. **Civil status and number of dependants:** Married, 2 dependants
6. **Education:**

Institution	Kenyon College, Gambier, Ohio, USA
Date: from (month/year) to (month/year)	1974-1979
Degree(s) or Diploma(s) obtained:	BA Biology

Institution	Tufts Univ. School of Vet. Medicine, Grafton, Mass, USA
Date: from (month/year) to (month/year)	1983-1987
Degree(s) or Diploma(s) obtained:	DVM

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
French	2	3	2
Spanish	3	3	3
Amharic	5	5	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Studied computer science at Boston University (1982) and Bentley College, Waltham, Mass. (1981-1982); followed a non-degree programme in Agricultural Economics at Ohio State University, Columbus, Ohio, 1979-1980.

9. **Present position:** Senior International Consultant

10. **Years of professional experience** *(relevant to the programme)*: >15

11. **Years within the firm:** 7

12. **Key qualifications** *(relevant to the programme)*: Veterinary epidemiology, disease surveillance, participatory epidemiology, disease search and outbreak investigation, disease modelling, epidemiological analysis, performance monitoring of surveillance programs based on quantifiable indicators, geographic information systems (GIS) and large-scale animal disease control as well as viral vaccine production, lyophilization, quality control, laboratory diagnosis and development of practical disease models and control strategies. Project management, including EDF funded projects, and EDF administrative and financial project procedures.

13. **Experience with projects financed by international organisations** *(country, project, years)*: **Central and East Africa, Namibia, Niger, Middle East, Pakistan, Afghanistan**, numerous short-term assignments for FAO, OAU/IBAR, IAEA, TUSVM, EMVT, DFID, Oxfam, 1985 to present; **Ethiopia**, PARC/Ethiopia Phase III, 1996-1998; **Central and East Africa,** TRVTT project (TUSVM/Oxfam, OAU/IBAR, CIRAD/IEMVT), 1990-1994.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Kenya, Sudan and Tanzania	OAU/IBAR/ CAPE and OAU/IBAR/ FAO	02/2002 to present	Consultant	Consultancy missions on the dynamics of CBPP endemism and the development of effective control/eradication strategies for pastoral communities The assignment includes participatory data collection the epidemiology of CBPP in pastoral communities ar the supervision of sero-surveys using cross-sectional and longitudinal study designs. Mathematical models CBPP transmission have been constructed using state-transition structure in @Risk software. Model experimentation to determine economic impacts and optimal control methods is now underway.
Pakistan, Afghanistan Middle East, Central and East Africa, Niger, Namibia	FAO, IAEA, TUSVM, USAID, EMVT, Oxfam UK, DFID	Short-term assignments up to 4 months, 1985 to present	Consultant	• Epidemiological disease modelling; • Participatory epidemiology; • Community-based development; • Research into costs and sustainability of vaccine supply options; • Rinderpest surveillance and vaccination; • Organisation of workshops; • Monitoring and training of animal health care worke • Undertaking of surveys, reviews and rapid rural appraisals.
Ethiopia	EU	04/1996 – 04/1998	Team Leader, Technical Assistance	Technical and financial management of PARC/Ethiopi Phase III project.
Kenya, Sudan, Somalia, Uganda, Cameroon, Mali, Ethiopia	TUSVM/ OXFAM, OAU/ IBAR, CIRAD/ IEMVT	July 1990- Dec. 1994	Principal Investigator TRVTT Project, PARC	• Production of Thermovax; • Introduction of community-based vaccination programmes; • Team leader technical assistance UNICEF/OLS Vet. Progr. Southern-Sudan; • Advisor reforms animal health care services; • Rinderpest epidemiological and socio-economical evaluations; • Design of participatory animal health care programs and training courses; • Economic analysis of vaccine production.
Niger	USAID	12/1988 – 03/1990	Veterinary Medical Officer FADDL, APHIS	• Development thermostable Vero cell-adapted rinderpest vaccine (Thermovax), accepted by PARC and GREP; • Preparation/presentation of USDA Foreign Animal Disease Training Courses.
Niger	USAID	04/1987 – 09/1988	Clinical Instructor FADDL	Research re Thermovax and ELISA; diagnostic investigation outbreaks epizootic disease, training in vaccine production.

15. Membership of professional bodies:

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
USA	Feinstein International Famine Center, Tufts Univ. School of Nutrition	2001 to present	Senior Livestock Program Advisor	Technical liaison for the animal health programme
USA	Tufts Univ. School of Vet. Medicine, USA	1990 to present	Clinical Assistant Professor	Lecturing at Section of Internatior Vet. Medicine.
USA	CEAH, US Dept. of Agriculture	11/1998 – 01/2001	APHIS Science Fellow	Investigation of epidemiological data needs for the enhancement of livestock trade.
USA	Colorado State University	06/1999 – 10/2000	Disease Modelling Consultant	Incorporation of disease transmission models into SAVANNA spatial ecology mode Modules developed for malignant catarrhal fever and rinderpest.

17. Publications:

A full list of Mr. Mariner's publications is available on request.

Universitas Tuftensis

in Republica Massachusettensi

Omnibus ad quos hae litterae pervenerint salutem plurimam dicit

Praeses Universitatis Tuftensis

honorandis ac reverendis Curatoribus iubentibus
doctis ac eruditis Professoribus probantibus
Scholae eius quae scientiam veterinariae medicinae colit,

Jeffrey Craver Mariner

ad gradum **Doctoris in Veterinaria Medicina** *admisit eique*
fruenda dedit et concessit omnia iura, honores, insignia, privilegia ad hunc
gradum pertinentia. In cuius rei testimonium, litteris hisce Sigillo Academico munitis
ante diem XVI Kal. Jun. MCMLXXXVII
nos Praeses Universitatis et Decanus Scholae
auctoritate nobis commissa nomina subscripsimus.

Franklin M. Loew
Decanus

SIGILLUM UNIVERSITATIS TUFTENSIS 1852 PAX ET LUX

Praeses

Concilium Curatorium

Collegii Kenyonensis

Senatu Academico consentiente
et
observatis Reipublicae Ohioensis legibus

Jeffrey Craver Mariner

ad gradum

Artium Baccalaurei

cum laude

promovit ique contulit omnia iura et privilegia quae ad hunc gradum pertinent. Cuius rei in testimonium nos, Praeses et Senatus Academici Secretarius, die XXVII **Maii anno Domini** MCMLXXIX his litteris Collegii sigillo munitis nomina subscripsimus.

Secretarius

Praeses

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: Madrid, Spain 27/6/02

Signature: Jeffrey C. Mariner

Name : JEFFREY C. MARINER

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** MUKIIBI-MUKA
2. **First names:** George
3. **Date and Place of birth:** 15 January 1950; Bbale, Uganda
4. **Nationality:** Ugandan
5. **Civil status and number of dependants:** Married, 5 dependants
6. **Education:**

Institution	University of Liverpool
Date: from (month/year) to (month/year)	November 1994 - November, 1997
Degree(s) or Diploma(s) obtained:	Ph.D-Virology

Institution	University of Liverpool
Date: from (month/year) to (month/year)	October, 1981 - March, 1982
Degree(s) or Diploma(s) obtained:	M.Vet. Med

Courses:

1999 Virology Module II, University of Pretoria
1998 Intensive Livestock Production, Israel
1996 International symposium on infectious Bronchitis and pneumovirus infections in Poultry, Giessen, Germany
1995 Project Planning, Cornell University, USA
1993 CBPP Vaccine Production, Central Veterinary Laboratory, Namibia
1993 System-Oriented Management and Planning Basic for the improvement of Animal Health in the Tropics Zschortau, Germany (DSE)
1992 Termostable Vaccines, Malaysia/FAO
1991 Newcastle Disease Vaccines, Panvac/Ethiopia
1989 Vaccines - Freeze-drying, Panvac/Ethiopia
1985 Vaccine Production, Muguga/Kenya
1982 British Vet. Poultry Ass. Symposium, Houghton/UK

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
Kiswahili	3	3	5

8. **Other skills** *(e.g. computer literacy, etc.)*: Fully computer literate, able to use most MS Office applications, such as MS Word, MS Excel, MS Access, etc.

9. **Present position:** Principal Research Officer LIRI, NARO, associated consultant of RDP Livestock Services.

10. **Years of professional experience** *(relevant to the programme)*: >20
11. **Years within the firm:** 3 years

12. **Key qualifications** *(relevant to the programme)*: Epidemiological studies; Participatory approaches; Diagnostics of livestock diseases; Vaccine production; Research in the field of veterinary virology; Poultry production including at village level; Dairy production; Extension and Wildlife. Programme evaluation and project planning.

13. **Experience with projects financed by international organisations** *(country, project, years)*: **Uganda,** WHO research project on wildlife zoonosis, 1978-1980; **Uganda**, FAO- vaccine production project, 1985 – 1991; **Uganda**,. GTZ-epidemiology project coordinator, 1992 – 1994, **Uganda**,.Danida funded Livestock Farming Systems Research, 1998 - 2002.

14. **Specific Developing Countries Experience:**

Country	Organisation	Date: From/to	Position	Job Description
Uganda	EU	2000	Consultant	Evaluation of PARC Uganda.
Uganda	Livestock Research Institute of the National Agricultural Research Organization	1994 - present	Principal Research Officer	Programme Leader of poultry disease research Leader of the Free-range Poultry Component of DANIDA LSRP programme.
Uganda	Animal Health Research Centre	1984 - 1994	Veterinary Officer	Head of Vaccine Production Deputy-Head of Animal Health Sub-division. National Co-ordinator for GTZ /Epidemiology Project
Ethiopia	Panvac, Debre-Zeit	1990	Scientist	Rinderpest/CBPP vaccine quality control
Kenya	Collaborative work on Rinderpest vaccines at Muguga	1985	Scientist	Vaccine production and quality control
Uganda	Department of Veterinary Service	1980 - 1982	Veterinary Officer	In charge of Dairy Development Projects in Mubende district
Uganda	Uganda Institute of Ecology	1978 - 1980	Wildlife Veterinarian	Seconded to WHO Research Project on Wildlife Zoonoses
Uganda	Department of Veterinary Services	1976 - 1978	Veterinary Officer	Extension Service, Masaka Ranching Scheme

15. **Membership of professional bodies:**
- Uganda Farmers Association
- Uganda Veterinary Association
- World Veterinary Poultry Association

16. **Other relevant professional experience:**

Country	Organisation	Date: From/to	Position	Job Description
South Africa	University of Pretoria	2000	Scientist	Assisted with the development of Virology module II

17. Publications:

1. G. Mukiibi-Muka, F. Nahamya and T.Kasadha (2002). Experiences of using participatory approaches to control Newcastle disease in free-range poultry in Jinja District, Uganda. (In press) Agricultural systems journal.

2. G. Mukiibi-Muka, M. O. Otim, G. Musisi, J. Illango, T. Galiwango and W.Olaho-Mukani. 2001. A comparative study on the efficacy between Qiu Jia® anticoccidial and the commonly used Amprolium compounds in naturally infected broilers in Uganda. Revue Elev.Med. Vet. Pays trop.,54 (1) 2001.

3. G. Mukiibi-Muka and R.C. Jones (1999). Local and systemic IgA and IgG responses of chicks to avian reoviruses: effects of age of chick, route of infection and virus strain. Avian Pathology. 28, 54-60.

4. G. Mukiibi-Muka and Olaho-Mukani (1998). A serological survey of antibodies to Infections bronchitis virus, Newcastle disease virus and Mycoplasma in commercial and indigenous chickens in Uganda. International symposium on infectious Bronchitis and Pneumovirus Infections in poultry. Eds. By E.F Kaleta and U.Heffels Redmamn. Renischholzausen, Giessen, Germany. Institute for Geflugelkrankheifen. Pages 140-149.

5. G. Mukiibi-Muka and R.C. Jones (1996). The response of chicken intestine to reovirus: Preliminary observations in: International symposium on adenovirus and reovirus infections in poultry. Renischholzausen, Giessen, Germany. Institute for Geflugelkrankheifen. Eds. By E.F Kaleta and U.Heffels Redmamn Pages 245-250.

6. G. Mukiibi-Muka and R.C. Jones. Lack of cross-protection by trypsin - sensitive avian reovirus (TRI) against a trypsin-resistant strain (R2) in chickens. In press: Veterinary Immunology & Immunopathology.

7. G. Mukiibi-Muka and R.C. Jones (1984). Serological response and virus shedding of chickens inoculated with reo-virus via different routes. Res. in Vet Sci. 37.

8. Contribution to textbook: Newcastle disease, Chap. 15" edited by D.A. Alexander. Kluwer Academic Publication 1986.

9. G. Mukiibi-Muka (1992). Epidemiology of Newcastle disease and need to vaccinate local chickens in Uganda. Proc. ACIAR NO. 39 pp. 155-159 (1992).

10. S. Kwapil, I.W.N. Mangeni and G. Mukiibi-Muka. Baseline survey on husbandry, socio-economic Role and Newcastle disease of village Poultry in Iganga district, Uganda. Proc. 29th Seminar for Tropical Vet. Med. (Free University of Berlin) at (A.H.R.C).

Copies of certificates of G. Mukiibi-Muka

MAKERERE UNIVERSITY

Academic Registrar's Office
P. O. Box 7062 Kampala, UGANDA

ACADEMIC TRANSCRIPT

NAME MUKIIBI, George Ralph Muka (Dr.) SEX Male DATE OF BIRTH 15/01/50 NATIONALITY Ugandan

Reg. No 72/243 FACULTY Veterinary Medicine HALL Graduate

COURSE Bachelor of Veterinary Medicine DATE OF COURSE July, 1972 to May, 1976

COURSE DESCRIPTION AND GRADES*			COURSE DESCRIPTION AND GRADES *			
FIRST YEAR EXAMINATION: B.V.M. I		May, 1973	FINAL EXAMINATION: B.V.M. III & IV			May, 1975 & May, 1976
Vet. Medicine I May, 1973	1.	Physiology	B	Vet. Medicine III	1.	Medicine	B
	2.	Biochemistry	B		2.	Obstetrics and Gynaecology, and Artificial Insemination	B
	3.	Anatomy	B		3.	Surgery	B
	4.	Histology and Embryology	B		4.	Animal Production II	B
Vet. Medicine II May, 1974	1.	Parasitology	B		5.	Public Health	A'Credit'
	2.	Pathology	B	Vet. Medicine IV May, 1976	1.	Medicine	B
	3.	Animal Production I	B		2.	Surgery	B
	4.	Pharmacology	A'Credit'		3.	Obstetrics and Gynaecology & Artificial Insemination	B
	5.	Microbiology	B		4.	Preventive Medicine	B'Credit'
x x x x				x x x x			

Date of Completion: May, 1976
Award: Bachelor of Veterinary Medicine Degree of Makerere University
Class of Award: -
Date of Graduation: October, 1976

MAKERERE UNIVERSITY DATE 12/08/1976

For: ACADEMIC REGISTRAR

THE UNIVERSITY OF LIVERPOOL

FACULTY OF VETERINARY SCIENCE

Degree of Master of Veterinary Science

We hereby certify that

GEORGE MUKIIBI-MUKA

having satisfied the University requirements was admitted by resolution of the Senate to the Degree of Master of Veterinary Science on the TENTH *day of* DECEMBER 1982

VICE-CHANCELLOR

DEAN OF THE FACULTY OF VETERINARY SCIENCE

REGISTRAR

THE UNIVERSITY of LIVERPOOL

FACULTY OF VETERINARY SCIENCE

Degree of Doctor in Philosophy

We hereby certify that by resolution of the Senate the Degree of Doctor in Philosophy has been conferred upon

George Mukiibi-Muka

and that he was duly admitted on the tenth day of July 1998

DEAN OF THE FACULTY OF VETERINARY SCIENCE

VICE-CHANCELLOR

REGISTRAR

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned DR. MUKIIBI-MUKA GEORGE hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: August 26, 2002

Signature: 

Name : Dr. Mukiibi-Muka George.

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** OKWIRI
2. **First names:** Fortunatus Otieno
3. **Date and Place of birth:** 24 February 1956, Siaya District, Kenya
4. **Nationality:** Kenyan
5. **Civil status and number of dependants:** Married, 4 dependants
6. **Education:**

Institution	Durham University Business School, UK
Date: from (month/year) to (month/year)	September 1985 to September 1986
Degree(s) or Diploma(s) obtained:	MBA

Institution	University of Nairobi
Date: from (month/year) to (month/year)	July 1977 TO July 1980
Degree(s) or Diploma(s) obtained:	B.Ed

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
Kiswahili	2	2	3
Luo	2	1	3

8. **Other skills** *(e.g. computer literacy, etc.)*: Fully computer literate, able to use MS Office applications such as MS Word, MS Excel, MS Access, etc.
9. **Present position:** Managing Director of Global Providers International (GPI) Ltd. Associated Consultant of RDP Livestock Services.
10. **Years of professional experience** *(relevant to the programme)*: >20
11. **Years within the firm:** 1
12. **Key qualifications** *(relevant to the programme)*: Business Development and Management training; micro-credit systems development/ management; management of guarantee fund accounts; management of EDF funded projects; training needs analysis and development of training modules and programmes.
13. **Experience with projects financed by international organisations** *(country, project, years)*: **Kenya,** Nordic Cooperative Development programme, 1980-1984; **Kenya, Uganda, Tanzania and Zambia,** Skills Development for Self Reliance (ILO), 1988-1990; **Kenya**, Youth Training and Employment Creation Project, 1990-1994; **Kenya,** Veterinary Association Privatisation Scheme (EU), 1994-2000.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Sudan	FAO	06/2002	Team leader/ Consultant	Development of privatisation strategies for Animal Health services in south Sudan.
Kenya	CAPE Unit, OAU/IBAR	09/2001 – 11/2001	Team leader/ Consultant	Assessment of the economic viability of private animal healt service delivery in pastoral areas of Kenya.
Kenya	EU funded, Kenya Veterinary Association Privatisation Scheme	09/1994 – 01/2000	Project Manager	Responsible for management and operation of the Scheme fc the expansion of Private Veterinary Practice in Kenya. Specific duties included: - Secretary to the Steering Committee for the management c the scheme and for the maintenance of the books of accou of the Scheme, including presentation of the accounts to trial balance. - Assistance to prospective applicants in the preparation of business plans and the vetting of all applications to ensure their commercial viability. - Presentation to the preliminary review committee of applications from Veterinarians wishing to participate in tl Scheme. - Liaison with Bank (Barclays Bank of Kenya) in all financi matters regarding the Scheme and its individual clients. - Supervision and Counselling of the participating Veterinarians and review of the management of each practice through regular and frequent visits. - Provision of information training and advice in practice - Management for the participating veterinarians and initiating /mounting sensitisation and awareness creation workshops for unemployed veterinarians. - Liaison with Suppliers of drugs and equipment to the Scheme. - Management of the office and staff and the properties of tl Scheme. - Preparation of semi and annual reports for the Governmen of Kenya and the European Commission including the general financial situation of the Scheme and the financial situation of the loanees.
Ethiopia	EU – PARC	04/1998 – 05/1998	Consultant	Veterinary privatization issues, including university curriculum development.
Kenya	International Labour Organisation	07/1990 – 09/1994	Deputy Project Manager	Assist Youth Polytechnics in Kenya to promote self-employment as a strategy to alleviate unemployment among youth and women and assist the polytechnics to develop relevant micro credit systems.
Kenya, Uganda, Tanzania Zambia	International Labour Organization	1988 - 1990	Needs Analysis and Project Analyst	Assist Skills Training Centers in the participating countries develop skills for identifying business opportunities, selectin entrepreneurs and supporting the entrepreneur set up micro-enterprises.
Kenya	Kenya/Nordic Cooperative Development	1980 - 1984	Head of Handicrafts and Industrial Cooperatives	Development of member transaction systems and assist industrial cooperatives to expand their market outlets.

15. Membership of professional bodies:

- Member of the International Institute of Marketing (UK)
- Member of the Kenya Institute of Management

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
Kenya and Uganda	Jackson and Tull	01/2000 - 09/2001	General Manager	Manage the Dairy set aside project funded by USAID and aimed at privatizing the livestock breeding extension service in Kenya and Uganda

17. Publications:

I. F.O.Okwiri et al, November 2001-An assessment of the economic viability of private animal health service delivery models in pastoral areas of Kenya.

II. F.O. Okwiri and J. Sebur, March 2002- Privatisation of animal health service delivery systems in South Sudan

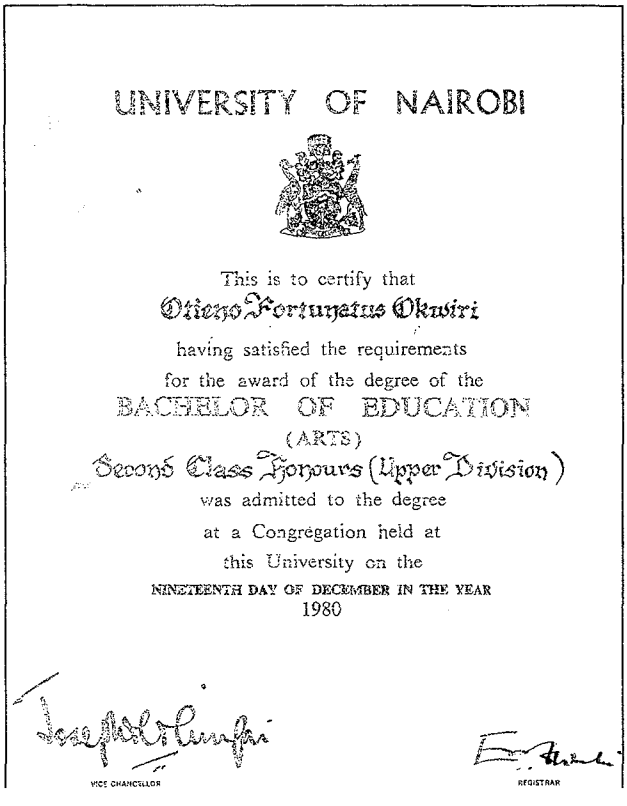
III.Stephen Blakeway, Fortunatus Okwiri and Dirk Zwart, April 1999-Implications of privatisation to the curriculum of the Faculty of veterinary medicine, University of Addis Ababa, Ethiopia.

IV. F.O. Okwiri, October 1994- Guidelines for the preparation of business plans for private veterinary clinics.

V-F.O. Okwiri, October 1990- Instruments for identifying business opportunities in East Central and Southern Africa.

VI. F.O. Okwiri, September 1986- Limitations to growth of worker cooperatives in North-East England (Dissertation paper for Masters programme)

Copies of certificates of F.O. Okwiri



UNIVERSITY OF NAIROBI

This is to certify that

Otieno Fortunatus Okwiri

having satisfied the requirements

for the award of the degree of the

BACHELOR OF EDUCATION

(ARTS)

Second Class Honours (Upper Division)

was admitted to the degree

at a Congregation held at

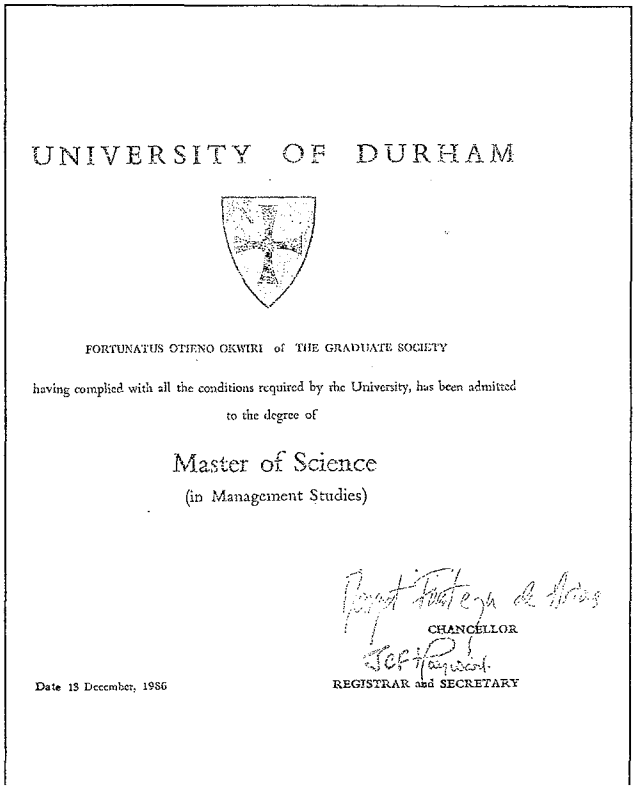
this University on the

NINETEENTH DAY OF DECEMBER IN THE YEAR

1980

VICE CHANCELLOR

REGISTRAR



UNIVERSITY OF DURHAM

FORTUNATUS OTIENO OKWIRI of THE GRADUATE SOCIETY

having complied with all the conditions required by the University, has been admitted

to the degree of

Master of Science

(in Management Studies)

CHANCELLOR

Date 18 December, 1986

REGISTRAR and SECRETARY

Patron: H.R.H. The Prince Philip, Duke of Edinburgh, K.G., K.T.

The Institute of Marketing

Diploma in Marketing

This Award is made to

Fortunatus O Okwiri

who has fulfilled the requirements
of the Institute's examiners
at the Diploma Examination held in

June 1986

Signed on behalf of the Council

Patrick Mahony
President

Michael J. Baker
National Chairman

Secretary

Course/Seminar No. 25 Certificate No PDM 25.25/85

KENYA INSTITUTE OF ADMINISTRATION
LOWER KABETE
KENYA

Certificate

This is to certify

that Fortunatus O. Okwiri

participated in the training programme

in

PROJECT DEVELOPMENT AND MANAGEMENT

from 28th. January, 1985 *to* 4th. April, 1985

The programme covered the following topics:

Introduction to Development Planning
Project Identification and Formulation
Project Feasibility Study
Project Costing and Selection
Project Organization and Management

Date 4th April, 1985

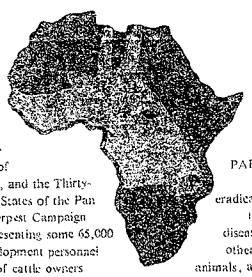
PRINCIPAL

GPK 1752—300—11/83

PAN AFRICAN RINDERPEST CAMPAIGN
AFRICANE CONTRE LA PESTE BOVINE

Pan African Rinderpest Campaign

Certificate of appreciation



On behalf of the Secretary General of the Organization of African Unity, and the Thirty-four Member States of the Pan African Rinderpest Campaign (PARC), representing some 65,000 livestock development personnel and millions of cattle owners and their families, this Certificate is hereby awarded in recognition of his/her active participation in, and most valuable contribution to, the successful conduct of the PARC Programme which seeks to eradicate from Africa the most deadly disease of cattle and other cloven-hoofed animals, and to revitalize the livestock sector as a whole to help ensure the livelihoods and food security of all peoples across the continent of Africa.

to Dr. J. O. Okwiri

on this 26th day of April 1989.

The Director
Inter-african Bureau of Animal Resources
Organization of African Unity (OAU/IBAR)

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

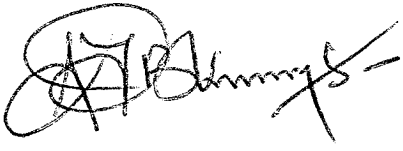
Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, the undersigned FORTUNATUS OTIENO OKWIRI hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: NAIROBI. AUGUST 21, 2002.

Signature: 

Name : FORTUNATUS OTIENO OKWIRI

CURRICULUM VITAE

Proposed position in the project: Short-term Expert, including Backstopping Sudan

1. **Family name:** PRINGLE
2. **First names:** Norman Murray
3. **Date and Place of birth:** 3 August 1941, Tanzania
4. **Nationality:** British
5. **Civil status and number of dependants:** Married, none
6. **Education:**

Institution	Institute of Management Consultancy, UK
Date: from (month/year) to (month/year)	June 2001 to January 2002
Degree(s) or Diploma(s) obtained:	Certified Management Consultant (equivalent to MSc Management Consulting)

Institution	Computer Trade Industry Association, US
Date: from (month/year) to (month/year)	November 2000 to December 2000
Degree(s) or Diploma(s) obtained:	CompTIA A+Certified Computer Service Technician

Institution	American University in Cairo, Egypt
Date: from (month/year) to (month/year)	June 1993 to August 1993
Degree(s) or Diploma(s) obtained:	Conversational Arabic 1

Institution	Chartered Institute of Management Accountants, UK
Date: from (month/year) to (month/year)	June 1986 to October 1990
Degree(s) or Diploma(s) obtained:	Final Diploma (equivalent to MSc/BSc Hons Accounting)

Institution	Association of Chartered Certified Accountants, UK
Date: from (month/year) to (month/year)	June 1977 to April 1978
Degree(s) or Diploma(s) obtained:	Post Graduate Diploma in Accounting and Finance

Institution	Open University, UK
Date: from (month/year) to (month/year)	September 1972 to December 1976
Degree(s) or Diploma(s) obtained:	BA (major economics)

Institution	Institute of Chartered Secretaries and Administrators, UK
Date: from (month/year) to (month/year)	June 1968 to July 1972
Degree(s) or Diploma(s) obtained:	Final Diploma (equivalent to BSc Business Administration)

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1
Arabic	5	3	5
Kiswahili	2	1	2
French	3	4	4

8. **Other skills** *(e.g. computer literacy, etc.)*: Experience in computer software packages e.g. Windows, word processing, spreadsheets, databases, project management, internet software and accounting programs. Also, Certified Computer Service Technician.

10. **Years of professional experience** *(relevant to the programme)*: 30

11. **Years within the firm:** -

12. **Key qualifications** *(relevant to the programme)*: Chartered Management Accountant, Chartered Secretary, Certifie Management Consultant and a Fellow of the Chartered Management Institute; management of large and comple technical assistance projects, including EU funded projects, development organisations and private industr accountancy and financial management; financial planning and monitoring systems (PCM/Logframe methodology computerised management information and accounting systems to International Accounting Standards.

13. **Experience with projects financed by international organisations** *(country, project, years)*:

Country	Project	Years: from/to
Egypt	EC - Food Sector Development Programme	1991 to 2002
Lesotho	EC, IBRD, UNDP - Lesotho Highlands Development Authority	1987 to 1989
South Africa	SA Govt - Trans-Caledon Tunnel Authority	1987 to 1989
Kenya/Uganda	UK Govt - Commonwealth Development Corpn. projects	1980 to 1981
Fiji/Solomon Islands	UK Govt - Commonwealth Development Corpn. projects	1978 to 1980
UK	UK Govt - CDC public utility projects portfolio	1975 to 1978
Swaziland	UK Govt - Swaziland Irrigation Scheme (CDC)	1973 to 1975

14. **Specific Developing Countries Experience:**

Country	Organisation	Date: From/to	Position	Job Description
Egypt	EU - Food Sector Development Programme	04/2002 – 06/2002	Financial Expert	• Coordinating Programme-end audit (LE 285 million expenditure) and preparing handover documents for EC to GoE Minisrt of Agriculture • Sample audit of credit system loan arrears • Analysis of expenditure for EC • Advice to EC on EC/Projects accounting system
Egypt	EU - FSDP	1991 - 2001	Financial Advisor/ Deputy Team Leader	Key role in PMU of 285 million EC Food Sector Development Programme. Duties included: • Preparing project annual work plans and cost estimates according to PCM/Logical Framework method • Establishing computerised accounting systems for EC and GoE for each project • Establishing credit line, data base information and monitoring systems (40,000 loan beneficiaries) • Credit System Board Secretary • Establishing internal control systems and coordinating external audits • Assisting in privatisation of veterinary services • Establishing financial and administrative procedures • Responsible for procurement of equipment (EC and GoE rules), including computer network for GoE Veterinary Services • Preparing financial reports and diagnostic studies • Financial and general training (overseas and on-the-job)
Lesotho	Joint Permanent Technical Commission of the Lesotho Highlands Water Project	1987 - 1989	Commission Secretary	JPTC was created by treaty between South Africa and Lesotho to coordinate the operations of the $2.5 billion Lesotho Highlands Water Project. Duties included: • Headed bi-national secretariat supporting the JPTC • Board member, preparing Board Papers and Minutes of intra-government meetings • Monitored on-going project works • Developed and implemented a computer based accounting/financial system • Monitored overall project finances and project inputs

Country	Organisation	Date: From/to	Position	Job Description
Botswana	Rickards Pringle & Associates/ Ernst & Young	1985 - 1987	Joint Managing Director	• Provided accounting, finance, consultancy, training and taxation services • Acted as company secretary of some 40 companies
Botswana	De Beers Botswana Mining Co	1982 - 1985	Mine Secretary	• Reorganised administrative, legal and commercial operations • Managed 210 staff members • Managed commercial operations
Swaziland Fiji Solomon Islands Kenya Uganda	CDC	1973 - 1981	Operations Executive	• Project Secretary of Swaziland Irrigation Scheme • New business officer for East Africa and South Pacific • Operations officer for overseas public utilities portfolio providing policy guidance • Prepared regional accounts • Acted as financial adviser and director of associated companies
Kenya	Brooke Bond/ Unilever	1961 - 1973	Manager, GM, Accountant, Group Auditor	• Tea factory/estate assistant and manager • General Manager, Chinga Tea Co (seconded) • Accountant Brooke Bond Liebig Kenya • Group Internal Auditor conducting financial and management audits

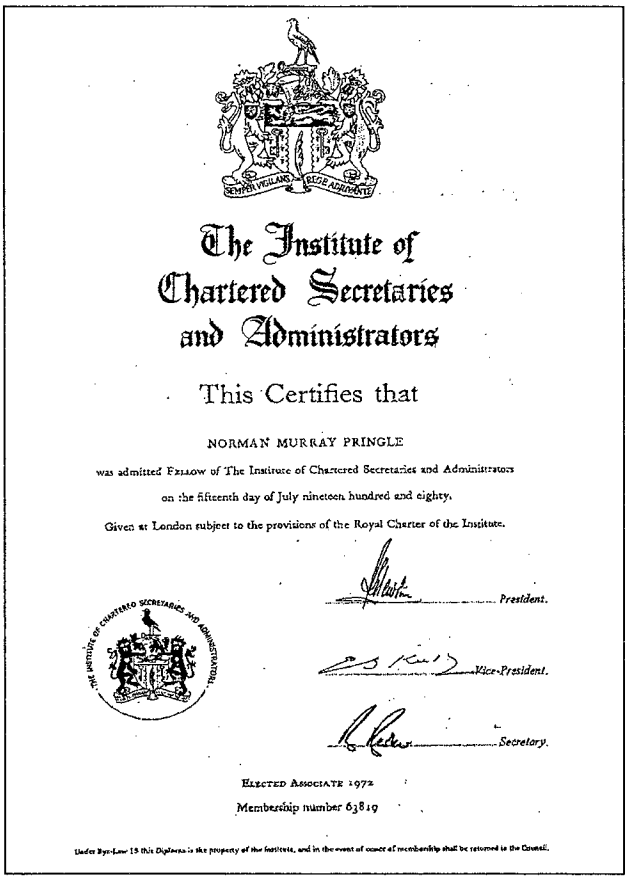
15. Membership of professional bodies:

- Fellow of the Chartered Institute of Management Accountants (FCMA) and registered Member in Practice
- Fellow of the Institute of Chartered Secretaries and Administrators (FCIS)
- Fellow of the Chartered Management Institute (FCMI)
- Member of the Institute of Management Consultancy (MIMC)

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
UK	British Shops & Stores Association	1990/1991	Chief Accountant	Responsible for coordinating all the financial activiti of the Association which comprised 2,000 reta members.
UK	JPA Management	1989/1990	Consultant	Short term assignments in UK: • Training in micro computers • Funding proposals to banks for clients • Accounts of small businesses • EC technical assistance project proposals

17. Publications: Numerous financial audit and project reports



The Institute of Chartered Secretaries and Administrators

This Certifies that

NORMAN MURRAY PRINGLE

was admitted Fellow of The Institute of Chartered Secretaries and Administrators

on the fifteenth day of July nineteen hundred and eighty.

Given at London subject to the provisions of the Royal Charter of the Institute.

President.

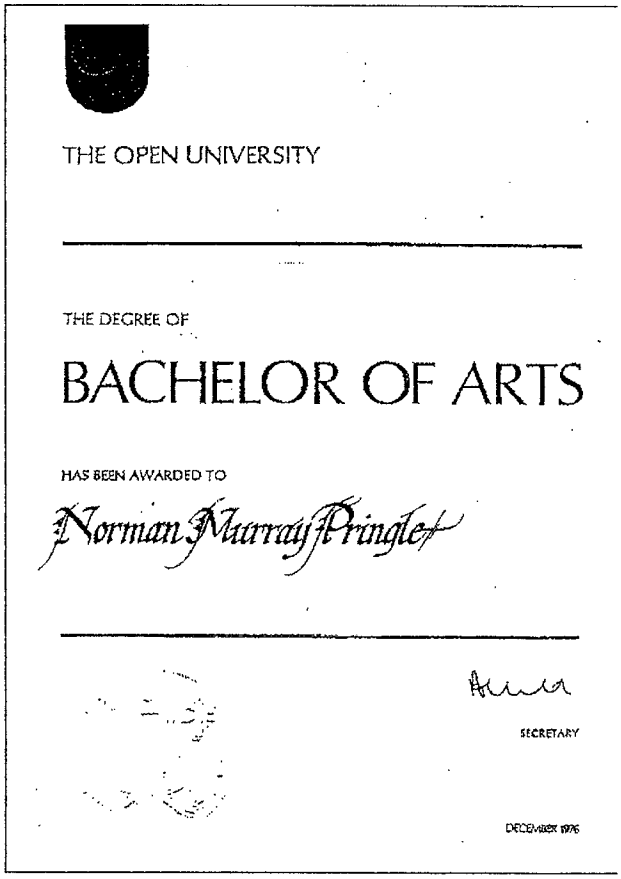
Vice-President.

Secretary.

Elected Associate 1972

Membership number 63819

Under Bye-Law 15 this Diploma is the property of the Institute, and in the event of cessor of membership shall be returned to the Council.



THE OPEN UNIVERSITY

THE DEGREE OF

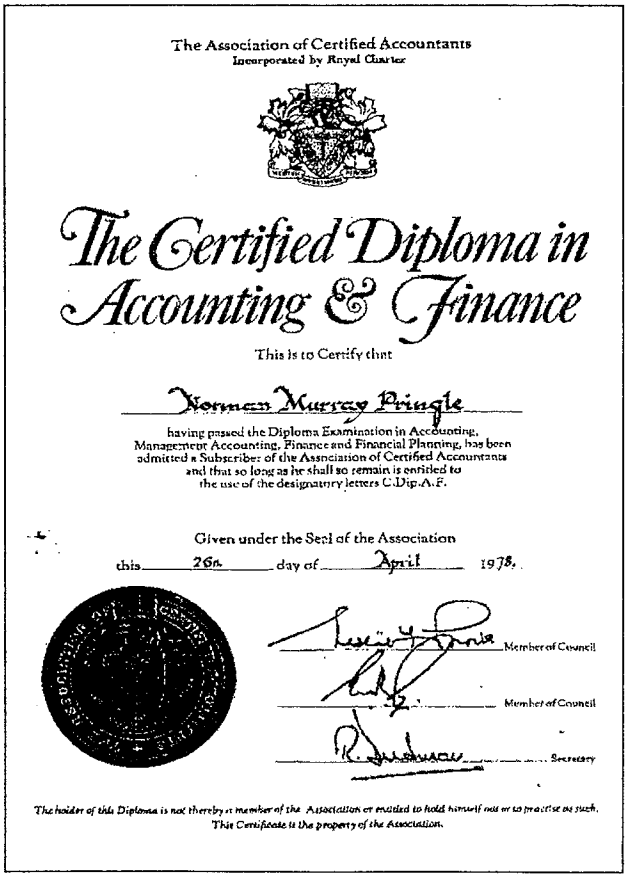
BACHELOR OF ARTS

HAS BEEN AWARDED TO

Norman Murray Pringle

SECRETARY

DECEMBER 1976



The Association of Certified Accountants
Incorporated by Royal Charter

The Certified Diploma in Accounting & Finance

This is to Certify that

Norman Murray Pringle

having passed the Diploma Examination in Accounting, Management Accounting, Finance and Financial Planning, has been admitted a Subscriber of the Association of Certified Accountants and that so long as he shall so remain is entitled to the use of the designatory letters C.Dip.A.F.

Given under the Seal of the Association

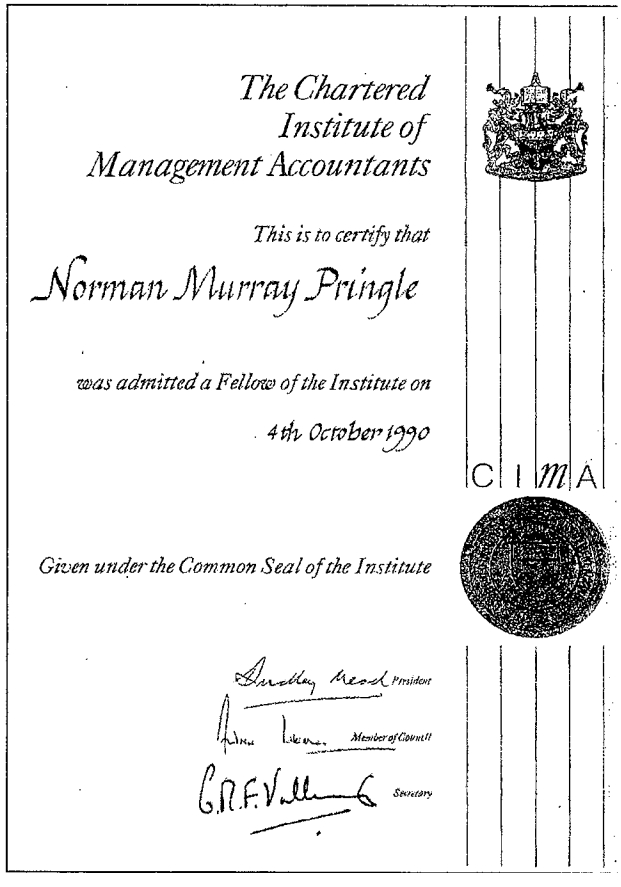
this 26th day of April 1978.

Member of Council

Member of Council

Secretary

The holder of this Diploma is not thereby a member of the Association or entitled to hold himself out or to practise as such. This Certificate is the property of the Association.



The Chartered Institute of Management Accountants

This is to certify that

Norman Murray Pringle

was admitted a Fellow of the Institute on

4th October 1990

CIMA

Given under the Common Seal of the Institute

Dudley Mead President

Member of Council

G.R.F. Vallance Secretary

THE AMERICAN UNIVERSITY IN CAIRO
CENTER FOR ADULT & CONTINUING EDUCATION

ARABIC AND TRANSLATION STUDIES DIVISION

Acknowledges that

MURRAY, PRINGLE

has achieved the following stage :

CONVERSATIONAL ARABIC 1 – 1993 SUMMER

FINAL EXAM GRADE 83 (B) ATTENDANCE 36 Hours

Registrar

GRADING SYSTEM USED AT CACE/AUC:

GRADE	POINTS	DESCRIPTION
A	4.0	Excellent
A-	3.7	
B+	3.3	
B	3.0	Very Good
B-	2.7	
C+	2.3	Passing
C	2.0	
C-	1.7	
D+	1.3	Conditionally Passing
D	1.0	
F	Fail	
I	Incomplete	
S	Absent	
U	Unsatisfactory	
W	Withdrew	

Grades of F, I, S, U, and W are not assigned grade point values and are not used in the computation of the grade point average.

THE INSTITUTE
OF
MANAGEMENT CONSULTANCY

We hereby certify that

Norman Murray Pringle

was awarded the

CMC

CERTIFIED MANAGEMENT CONSULTANT qualification

on the 28th day of January 2002

No: 11633

A+ Certification™

A CompTIA Certification Program

This certification is awarded to

Norman M. Pringle

in recognition of the successful completion of the

A+ Certification™ Examination

December 21, 2000
Validation Date

COMP10408074
CompTIA ID No.

2074098
Verification No.

CompTIA.

John Venator, President/CEO

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
Tenderer: RDP Livestock Services with Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a.

To Whom It May Concern:

I, Norman Murray Pringle, hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: High Wycombe UK, 30 August 2002

Signature: 

Name: Norman Murray Pringle

CURRICULUM VITAE

Proposed position in the project: Short-term Expert

1. **Family name:** TAYLOR
2. **First names:** William Pendrich
3. **Date and Place of birth:** 13 April 1936, Rickmansworth
4. **Nationality:** British
5. **Civil status and number of dependants:** Married, one dependant
6. **Education:**

Institution	Royal (Dick) School of Veterinary Studies. University of Edinburgh
Date: from (month/year) to (month/year)	October 1957-June 1962
Degree(s) or Diploma(s) obtained:	Bachelor of Veterinary Medicine & Surgery (BVM&S)

Institution	University of Edinburgh
Date: from (month/year) to (month/year)	1963
Degree(s) or Diploma(s) obtained:	Bachelor of Science (Honours, Bacteriology)

Institution	Australian National University, Canberra
Date: from (month/year) to (month/year)	1972
Degree(s) or Diploma(s) obtained:	PhD in Applied Viral Epidemiology

7. **Language skills:** *(mark 1 to 5 for competence: 1 – excellent; 5 – basic)*

Language	Reading	Speaking	Writing
English	1	1	1

8. **Other skills** *(e.g. computer literacy, etc.)*: Fully computer literate, able to use most MS Office applications, such as MS Word, MS Excel, MS Access, etc..

9. **Present position:** Independent Consultant

10. **Years of professional experience** *(relevant to the programme)*: 30

11. **Years within the firm:** Associated Consultant of PAN Livestock Services for 15 years

12. **Key qualifications** *(relevant to the programme)*: Development of national and international control strategies for transboundary animal diseases; Research and control of rinderpest and Peste des Petits Ruminants; Disease surveillance; Organisation of mass vaccination campaigns; Development of databases for monitoring and evaluation of disease status; Development of national disease reporting systems; Development of facilities for disease diagnosis, national disease databases and privatisation of veterinary services. Project management, including EDF funded projects, and project administration.

13. **Experience with projects financed by international organisations** *(country, project, years)*: **Kenya,** Virology project (ODA), 1963-1969; **Kenya**, PARC (FAO/OAU), 1986-1987; **Kenya**, PARC (EU), 1987-1989; **India**, Rinderpest Eradication Project (EU/Govt. of India), 1989-1996.

14. Specific Developing Countries Experience:

Country	Organisation	Date: From/to	Position	Job Description
Tanzania Egypt, Middle East, Pakistan	FAO	1997 - 2002	Consultant	Assisting in the implementation of an emergency rinderp control programme in Tanzania, and participant in FAO Expert Consultations on rinderpest. Undertook a six country mission (1997) for the IFAD-FA Regional Animal Disease Surveillance and Control (RADISCON) network to look at the extent to which PPI has penetrated the Middle East. Undertook visits to India to prepare dossiers containing t evidence to be submitted to the OIE in order to claim tha countries freedom from rinderpest. Undertook three FAO missions to Pakistan (2000 & 200 to determine the extent to which rinderpest was still endemic and how it could be eradicated.
India, Nepal, Bhutan, Pakistan	EU	10/1989 – 11/1996	Technical Assistant to the EU-GoI National Project for Rinderpest Eradication	Resident EU Adviser to the Department of Animal Husbandry & Dairying (DAH&D) and co-manager of th joint European Union-Government of India programme f the eradication of rinderpest. Developed, managed and supervised an implementation strategy that took India from a rinderpest infected countr to one which was able to declare its provisional freedom from the disease seven years later. Responsible for drawing up annual work plans and budg tender specifications and tender evaluations. Member of the teams involved in developing Veterinary Services Projects in Bhutan and Nepal.
Kenya	European Union	07/1987 – 10/1989	Technical Assistant to the Pan-African Rinderpest Campaign	Adviser to the programme with responsibility for the preparation of EU funded national projects incorporating structural adjustment objectives along with a programme for the eradication of rinderpest.
Kenya	United Nation's FAO and the Organisation of African Unity	06/1986 – 06/1987	Chief Technical Adviser to the Pan-African Rinderpest Campaign	Responsible for developing a strategy for the eradication rinderpest from Africa. In 1987 he joined the European Union team as an advise the same programme taking on responsibility for the preparation of EU funded national projects incorporating structural adjustment objectives along with a programme for the eradication of rinderpest.
Vom, Nigeria	National Veterinary Research Institute	01/1973 – 12/1978	Senior Research Officer	Undertook research into the virus diseases constraining West African livestock which included work on BVD, II African Horse Sickness and Bluetongue viruses. PPR wa shown to be the most serious disease of small ruminants and rinderpest vaccine was shown to be effective in its control.
Muguga, Kenya	East African Veterinary Research Organisation	01/1963 – 01/1969	Research Officer	Seconded by the Overseas Development Administration Head, Division of Virology

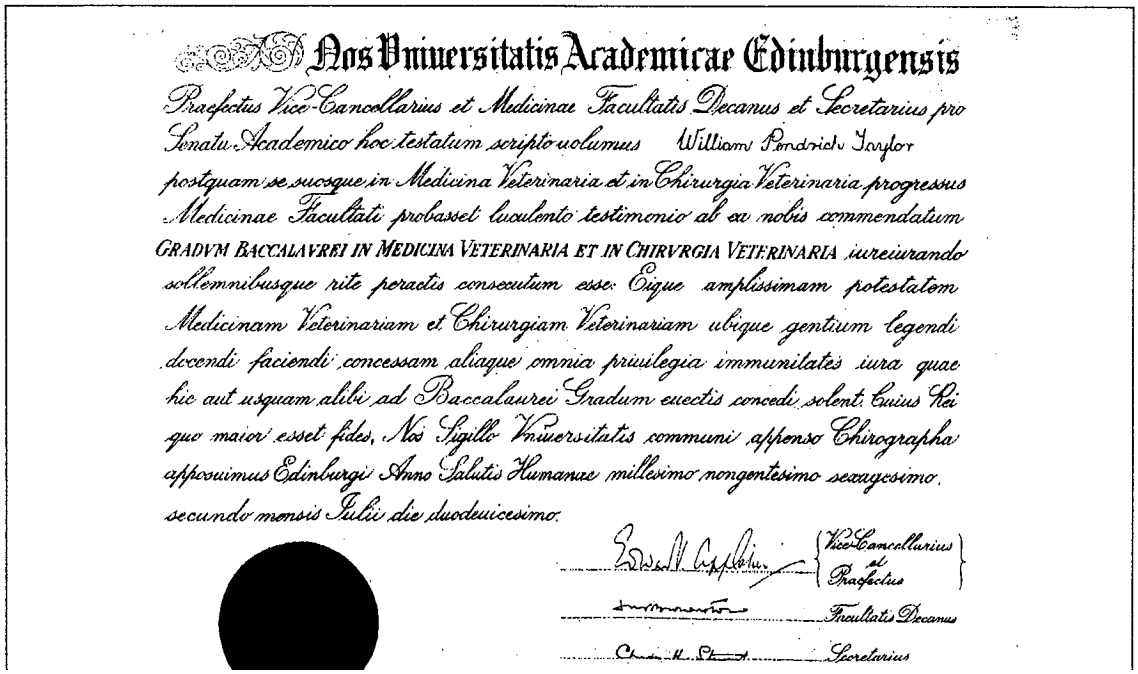
15. Membership of professional bodies: Royal College of Veterinary Surgeons

16. Other relevant professional experience:

Country	Organisation	Date: From/to	Position	Job Description
England	Institute for Animal Health, Pirbright (BBSRC)	01/1979 – 05/1986	Head, Department of Epidemiology	Research on small ruminant diseases of the Middle East and epidemiology of rinderpest and *peste des petits ruminants* (PPR – rinderpest-related) Supervision of research teams, research budgets and PhD students. Dr Taylor's personal research studies included the development of an attenuated PPR vaccine, the development of a strain bank for rinderpest, the epidemiology of Akabane virus in Turkey and the epidemiology of Bluetongue in Louisiana, the Caribbean, and the Middle East. He was responsible for the identification of the presence of an exotic Bluetongue type in America.
Australia	Australian National University	05/1969 – 08/1972	Commonwealth Fellow	Worked on aspects of virus adaptation and demonstrated the effect of different epidemiological selection on the pathogenicity of insect transmitted viruses.

17. Publications: Dr Taylor has published over 90 technical articles and publications. A list of publications is available on request.

Copies of certificates of W.P. Taylor



Nos Universitatis Academicae Edinburgensis

Praefectus Vice-Cancellarius et Medicinae Facultatis Decanus et Secretarius pro Senatu Academico hoc testatum scripto uolumus William Pendrich Taylor postquam se suosque in Medicina Veterinaria et in Chirurgia Veterinaria progressus Medicinae Facultati probasset luculento testimonio ab ea nobis commendatum GRADVM BACCALAVREI IN MEDICINA VETERINARIA ET IN CHIRVRGIA VETERINARIA iureiurando sollemnibusque rite peractis consecutum esse Eique amplissimam potestatem Medicinam Veterinariam et Chirurgiam Veterinariam ubique gentium legendi docendi faciendi concessam aliaque omnia priuilegia immunitates iura quae hic aut usquam alibi ad Baccalaurei Gradum euectis concedi solent Cuius Rei quo maior esset fides Nos Sigillo Vniuersitatis communi apposito Chirographa apposuimus Edinburgi Anno Salutis Humanae millesimo nongentesimo sexagesimo secundo mensis Julii die duodecimo

Vice-Cancellarius et Praefectus

Facultatis Decanus

Secretarius

Nos Vniversitatis Academicae Edinburgensis

Praefectus Vice-Cancellarius et Scientiarum Facultatis Decanus et Secretarius pro Senatu Academico testatum hoc scripto volumus William Pendrick Taylor post probationem habitam in studiis quae ad Scientiam Naturalem pertinent GRADVM SCIENTIAE Baccalaurei consecutum esse cum omnibus privilegiis immunitatibus honoribus quae hic aut usquam alibi Scientiae Baccalaureis concedi solent. Cuius rei quo maior esset fides, Nos sigillo Vniversitatis communi apposito chirographa nostra apposuimus Edinburgi Anno Salutis Humanae millesimo nongentesimo sexagesimo tertio mensis Iulii die quarto.

Bacteriol. (Ars) Insigni cum laude
Anat. (Ars)
Physiol. (Ars)
Chemia
Physica

Edwin V. Appleton — Vice-Cancellarius et Praefectus
Michael Swann — Facultatis Decanus
C. H. Stuart — Secretarius

THE
AUSTRALIAN NATIONAL UNIVERSITY

* * * * *

William Pendrick Taylor

after due examination and having fulfilled
the conditions prescribed by the University
has this day been admitted to the Degree of

DOCTOR OF PHILOSOPHY

the field of study being

Microbiology

undertaken in the

JOHN CURTIN SCHOOL OF MEDICAL RESEARCH

Given under the Common Seal of
The Australian National University
the Fifth day
of April 1973

Vice-Chancellor

Registrar

Statement of Exclusivity and Availability

Panafrican Programme for the Control of Epizootics/ Programme Panafricain de Contrôle des Epizooties (PACE)

Title: Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)
Ref. No: EUROPEAID/112448/D/SV
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To Whom It May Concern:

I, the undersigned hereby declare that I am exclusively available to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a. for the tender: "Provision of Technical Assistance to the National Projects of the Pan-African Programme for the Control of Epizootics (PACE)", reference number: EUROPEAID/112448/D/SV.

In the event of the award of the contract to the consortium comprising RDP Livestock Services as the lead firm, Cie. Jules van Lancker s.a., PAN livestock Services Ltd. and AVIA-GIS b.v.b.a., I undertake to be able and willing to work for the duration of the contract as indicated in the terms of reference.

Place and date: 14 Beach Crescent Littlehampton. West Sussex BN17 5NT 27.07.02

Signature: W.P Taylor.

Name : William Pendrich Taylor

Annex C.5

General Description of the Consortium Partners

General Description of the Consortium

The Consortium partners

RDP Livestock Services is one of the registered trade names of RDP International B.V., a consulting firm specialized in livestock production and veterinary services, sustainable livelihoods development, natural resources management and all its related disciplines. RDP was established in 1988 and is also registered to trade under the names: RDP Agrisolutions, RDP Consultants and RDP Qlty.

The main objective of the work conducted by RDP is the development of livestock production in order to achieve new balances in food production, rural employment and the use of natural resources to the benefit of communities that depend on these for a living or their well-being.

RDP is committed to an integrated and comprehensive approach, based on participatory planning and management techniques in order to ensure sustainability and local ownership. RDP International firmly believes in the value of local skills and staff. Almost half of the professional staff working for RDP originates from the countries it is currently working. In addition to that RDP International is a major shareholder in Capricorn Consultants Limited, a Tanzanian consultancy company and Zambezi Livestock & Lands Limited, a company registered in Zambia.

Established in 1927, the Company Jules VAN LANCKER s.a. (JVL) is an agro-industrial company working in livestock and agricultural productions, processing and marketing. JVL also offers consultancy services to international and government organisations and to the private sector.

In addition to its permanent staff, who are also involved in the management of the company's private activities, JVL works with a large number of experts and specialist consultants. The integration of national experts is a matter of priority in our consultancy teams.

JVL seeks to provide a high level of expertise, and thus works closely with universities and the main international research organizations such as ILRI (ILRI/ILCA) IEMVT, the Research Centre and Faculty of Agriculture of Gembloux, the Universities of Louvain, Liège and Gand in Belgium, CIRAD in France and the Institut of Tropical Medicine in Antwerp. The network of scientific and technical relations that has been built up is available to respond to any technical problems that might arise during the implementation of a project.

Agriculture and Veterinary Intelligence and Analysis (AVIA) is a Belgian consultancy company founded in 2001, that specialises in the collection and analysis of veterinary and livestock information and the management of land resources.

The company focuses on the application of techniques that broaden the scope of conventional analyses and decision making through the inclusion of geographical information systems (GIS), satellite imagery methodologies, data warehousing and custom software development.

PAN Livestock Services is an independent company that was set up in 1980 to complement the activities of the Veterinary Epidemiology and Economics Research Unit (VEERU) in the School of Agriculture, Policy and Development at the University of Reading. The company is based in the School of Agriculture, Policy and Development at the University of Reading.

The main role of PAN is to undertake consultancy and project management activities overseas, particularly through links with overseas development programmes. PAN has strong academic credentials in the field of livestock health, fertility and productivity management in both developed and developing countries and has a wealth of experience in applying IT solutions in the livestock sectors in

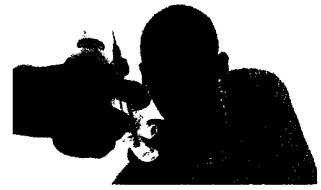
Activities of the Partners

Since its establishment the firm has been able to attract first rate consulting and technical assistance staff and to undertake an appreciable number of assignments.

In addition RDP has ample experience in privatisation of services, institutional restructuring, policy advice and veterinary legislation.

Project management and procurement services form an integral part of long-term technical assistance contracts. Considerable capability in these specialised fields has been built up over the past years, covering Bi-lateral, Multi-lateral and EU funded projects. Most RDP staff possesses considerable experience in working within different European countries and institutions. Generally the permanent staffs at headquarters have been fully engaged with these missions and with the backstopping of long term projects.





Specific areas of work include:

Livestock Production

- Animal breeding;
- Animal production;
- Animal nutrition;
- Forage production;
- Pasture management;
- Farming systems research.

Animal Health

- Disease control and prevention;
- Tsetse control;
- Trypanosomiasis control;
- Veterinary epidemiology;
- Community animal health;
- Emergency disease control.

Information Management

- Livestock/veterinary information systems;
- Herd health monitoring;
- GIS;
- Modelling;
- Linear programming.

JVL is involved in all the various project cycle stages, from design and preparation to final implementation and evaluation, either on a short term basis for temporary missions, or on a more long-term basis, providing technical assistance or, preferably, sustainable management.

Over the last 20 years the Cie Jules VAN LANCKER S.A. has continued to strengthen its multidisciplinary experience in the following fields:

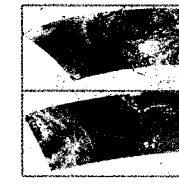
- Animal production, processing and marketing;
- Animal health and diseases control;
- Animal nutrition and animal feed production;
- Rural development;
- Environmental and natural resource conservation;
- Agro-forestry;
- Agricultural economics and rural sociology;
- Training/extension work.



AVIA-GIS activities include project design and implementation, technical consultancy, the development of tailored information systems, software and training courses.

Activities have been carried out in the following fields:

- Integrated disease management;
- Remote sensing and disease-vectors;
- Livestock geography;
- Remote sensing and Land Use;



PAN's activities are aimed at improving the circumstances of livestock producers and consumers of livestock products through more appropriate and effective livestock services and management.

These include:

- Strengthening epidemiological and socio-economic capabilities to predict the economic and social implications of introducing change, including options for disease control;
- Improving disease surveillance and supporting laboratory services;
- Improving information collection, analysis and dissemination;
- Supporting the development of sustainable veterinary and livestock service provision through government services, co-operatives and non-governmental support to farmers;
- Development of computerised systems for the livestock industry. Many of these software are commercially available. They are readily translated to local languages and in extensive use around the world;
- Providing technical support to livestock projects, including detailed specification and procurement of computers, laboratory equipment and supplies;
- Delivery of appropriate training.

Consortium Expertise

Relevant experience of the consortium partners for the successful implementation of the project is outlined in the following table:

	RDP	JVL	PAN	AVIA
Implementation / coordination of national / regional animal health projects	✓	✓	✓	
Strengthening & restructuring of veterinary services	✓	✓	✓	✓
Epidemiology and surveillance, wildlife diseases	✓	✓	✓	✓
Community-based animal health services	✓		✓	✓
Diagnostic procedures & facilities	✓	✓	✓	✓
Veterinary legislation & privatization	✓	✓	✓	
Veterinary intelligence and data analysis	✓		✓	✓
GIS, remote sensing	✓		✓	✓
Environmental impact and monitoring	✓	✓		✓
Economic and financial aspects of animal disease control	✓	✓	✓	
Training	✓	✓	✓	✓
Communications	✓	✓		
Regional co-ordination	✓	✓	✓	
Monitoring and evaluation	✓	✓	✓	
Project management	✓	✓	✓	✓
Project experience in Africa	✓	✓	✓	✓
Specific EDF Project experience in Africa	✓	✓		
Specific experience strengthening institutions in agricultural sector in Africa	✓	✓	✓	
Training experience project cycle management – participatory				

Relevant Project References



rdp

Pan African Rinderpest Control Programme (PARC)
Development and implementation of national and regional animal health and livestock development policies and strategies, in order to refine the rinderpest eradication strategy, in accordance with the guidelines of the *Office International de Epizooties* (OIE). Major activities include strategic control of Rinderpest through field and laboratory activities, development of computer databases on epidemiological data, vaccination campaigns, training, privatisation of veterinary services.

Technical Advisory Group, Zambia
In Western Province and, latterly, at national level, TAG staff have provided considerable input into supporting the design, implementation and monitoring of disease control measures in particular to combat CBPP and FMD.

PROZOPAS, Niger
PROZOPAS is an integrated and multi-sectoral project, intervening in the pastoral zone in Niger with the objective to rehabilitate the social infrastructure after the Tuareg rebellion. Project interventions concern basic social services and the organisation of management of infrastructures.

Rinderpest Investigations Jubba Province, Somalia
Major activities of this assignment included Veterinary Epidemiological investigations, diagnosis of Rinderpest and an assessment of the vaccination strategy and animal disease control measures.

Regional Livestock/Animal Health Specialist for the Horn of Africa
RDP provided 2 Animal Health Specialists to co-ordinate disease control, promote livestock trade, plan and implement rehabilitation projects and co-ordinate NGO activities in the Horn of Africa.

Development of Rinderpest Control Strategies in the West Nile and East Nile Ecosystems
This assignment included training of veterinarians in participatory disease searching methodologies, a comprehensive participatory disease search for Rinderpest, a proposal of approaches for determining the role of mass vaccination and the design of a protocol for rinderpest eradication. In addition an assessment was carried out looking at of the role of the methods used.

Evaluation of PARC, Uganda
Co-ordination of a detailed end-of-project evaluation and provision of assistance to the development of guidelines for the formulation of PACE proposals.

EU Regional Animal Health Programme, Jordan, Israel, Egypt, Palestinian Authority)
Promotion of regional co-operation between the Animal Health Services of Jordan, Israel, Egypt and the Palestinian Authority in order to improve the animal health situation and to make the control of animal diseases more cost efficient.

Evaluation of Animal Production and Health Development Components, Malawi/Zambia
This study is reviewing 3 EU funded projects SADC Southern Africa Disease Control Programme, The Regional TseTse and Trypanosomiasis Control Project – II, The Private and Cooperative Livestock Service Network Development Programme where the objectives were to design and implement a strategy for the prevention of cattle diseases such as FMD, CBPP, Trypanosomiasis.

PARC II Evaluation (Pan African Rinderpest Campaign), Chad

EMPRES Programme Review (Emergency Prevention System for Transboundary Animal and Plant Disease), Africa Regional
The review carried out the appraisal of the EMPRES programme, the appraisal and improvement propositions of vaccination campaigns organization and epidemiological control and emergency management systems.

PARC Evaluation & PACE Programme Formulation and Preparation, Africa Regional
The mission was aimed at evaluating the PARC IV programme and at formulating & preparing the PACE programme including the definition and preparation of the required actions at all levels, the backstopping of the PACE Coordination Unit, the financial evaluation and budget balance and the setting up of management accounting system and administrative and financial procedures.

National Livestock Development Programme, Burkina Faso
The EU funded project was carried on over a five year period and did cover various fields including the identification and setting up of a national & veterinary inputs development policy and the implementation of the national vaccination network and animal health control posts.

Consistency and Complementarity Evaluation of all Livestock Development Projects, Guinea
Review of the consistency and complementarity of all the livestock development projects in Guinea. Animal health projects were reviewed: PARC – Guinea and PACE Guinea, African Swine Pest Control Project (FAO) and Animal Trypanosomisasis Control Project (FED/BND).

Tsetse distribution prediction model for tsetse species in Kwazulu Natal, South Africa
IAEA project of AVIA-GIS with Onderstepoort (South Africa), development of a model to highlight potential habitats and assist in the planning of the pre-eradication survey and in the control strategy, including a geostatistical analysis of the distribution of *Glossina austeni* and *G. brevipalpis*, a multivariate analysis and a pre-eradication survey planning.

Strategic planning of trypanosomosis control, West Africa
Several consultancy missions funded by FAO and FAO-IAEA within framework PAAT. The assignments included a livestock systems analysis, a model for integrated decision making and the presentation of cases studies, seminars and papers.

OAU/IBAR Pan African Rinderpest Campaign (PARC), Africa Regional
PAN assisted PARC by providing a participant for its Steering Committee and technical assistance in the fields of veterinary epidemiology and livestock economics. PAN also provided technical assistance the team conducting the final evaluation for EU of the PARC II Project in Uganda.

Feasibility study of partnership opportunities between DFID and FAO EMPRES
This involved consultancy and evaluation of information systems, epidemiology and monitoring activities of PARC for FAO.

Development of a national veterinary database to satisfy veterinary requirements for accession to the European Union, Malta
This on-going activity has developed a national veterinary database for the Island of Malta that has been accepted by the European Union as satisfying the veterinary requirements for Malta to accede to the European Union.

Software for Veterinary Laboratory Management, Namibia, South Africa and Ivory Coast
PAN has developed software specifically for the data management requirements of veterinary diagnostic laboratories in developing countries. This is in operation in Africa at IAEA-supported laboratories in Namibia, South Africa and Ivory Coast.

Introduction of serological tests, Nigeria