### FICHE DE PROJET

1. PAYS : ZAIRE

2. TITRE DU PROJET : ETUDE DE LA PILIERE LAITIERE POUR LA

VALORISATION DU LAIT DANS LE NORD KIVU

3. FINANCEMENT SOLLICITE : 450 000 UCF

4. SECTEUR : AGRO-INDUSTRIE

### 5. GENERALITES

Quelques projets d'élévage dans le Nord-Kivu et portant sur l'amélioration de la production et la santé animale sont en cours d'exécution sous financement PNUD/FAO et l'Agence Canadienne pour le développement international. Actuellement, la région à un excédent de production laitière insuffisamment valorisé en raison des problèmes de transport, de transformation et de commercialisation.

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Il s'avère ainsi nécessaire d'appréhender le problème laitier à l'échelle nationale, afin de mieux orienter les interventions au niveau des régions, et particulièrement dans le Nord Kivu. Le financement de l'étude sollicitée permettra de mieux connaître les caractéristiques de la filière laitière au Zaïre, et de valoriser en conséquence la production du Nord Kivu, au profit de nombreux petits producteurs pour lesquels l'élevage constitue la principale source de revenu.

### 6. OBJECTIFS DU PROJET

Les objectifs du projet sont les suivants :

- i) connaître la filière laitière au Zaïre;
- ii) définir une politique laitière au Zaïre ;
- iii) améliorer la transformation et la commercialisation du lait produit dans le Nord Kivu, dans le cadre de cette politique laitière.

### 7. DESCRIPTION DU PROJET

### L'étude portera sur :

- i) le marché national du lait et des produits laitiers : nature, quantité, qualité, prix de l'offre et tendances de la demande ;
- ii) l'aspect socio-économique de la filière laitière : impact social de l'importation, effets de l'importation sur la production locale, opportunité de certaines mesures fiscales ou autres ;
- iii) l'évaluation de la production laitière du Nord-Kivu, ainsi que des problèmes qui s'y rapportent (transport, transformation et commercialisation);
- iv) proposition de mesures de valorisation et établissement d'un dossier de faisabilité du projet qui pourrait en découler.

### 8. COUTS ESTIMATIFS DE L'ETUDE

- Devises : 400 000 UCF

- Monnaie locale : 50 000 UCF

Total : 450 000 UCF

L'assistance technique requise comprendra un agro-économiste ; un Expert en marketing ; un spécialiste en Industrie laitière ; un Sociologue.

### 9. FINANCEMENT

Un Financement de 450 000 UCF est sollicite de la JICA.

10. AGENT D'EXECUTION : Ministère de l'Agriculture du Zaire.

### 11. AVANTAGES DU PROJET

- Valorisation de la production nationale;
- Augmentation du revenu des éleveurs.

### 12. ETAT DE PREPARATION

Des termes de référence préliminaires existent. Ceux-ci pourront être finalisés si la JICA venait à démontrer son intérêt à financer l'étude en

### TECHNICAL ASSISTANTS

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	Pood Industry Engineer
NARD 1.	Agro-Industrial Engineer
NARD 1.	Education Expert
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NARD (1)	Hearn Expert
WARD 1.	Integration Engineer
WARD 1.	Forestry Expert
WARD I.	Agriculturai Economist Managari Bangari Masari Maringari Bangari Bangari Bangari Bangari Bangari Bangari Bangari Bangari Bangari Bang
ACOS 1.	End User Products Co-Ordinator
ACOS (1)	Systems Analyst
ACOS 1.	Systems Engineer (WANG)
ACOS (1.	Network Support Systems Engineer
AHRM 1.	Compensation Adviser
CEPR 1.	Banking & Financial Systems Expert
CEPR 1.	Urban Development Expert
CEPR (1.	Energy Expert
wisi 1.	Industrial Economist
NISI 1.	Financial Analyst
NISI (1)	Civil Engineer
NISI (1)	Transport Expert
wisi 1.	Senior Blectrical Engineer
CDEP 1.	Macro-Economist
AUDT (1)	Computer Auditor
ORME i.	Administration and Personnel Systems Expert
ORME 1.	Information/Records Management Expert
TRNG 1.	Industrial Economist (Trainer).

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# PROJET (AWS.1)

### I. FORMATION

Diplâme Universitaire du Second Degré en Informatique de préférence, ou en Sciences et Techniques ou en Gestion (Au minimum 4 à 5 ans d'études Universitaires).

### **Diplomes**

Experience équivalente

A. Diplômé en Informatique
Doctorat, DEA, DESS
Ingénieur,
Maîtrise ou équivalent.

Au moins 13 aus d'expérience professionnelle en Informatique

B. Diplômé en Sciences et Technique
ou en Gestion
Doctorat, DEA, DESS
Ingénieur,
Maîtrise ou équivalent.

Au moins 16 ans d'expérience professionnelle en Informatique

### II. EXPERIENCES PROFESSIONNELLES - NATURE

Le postulant doit avoir une solide expérience dans les domaines suivants :

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- 2.2 <u>Analyse</u> à tous les niveaux : Elaboration de schéma directeur (Stratégie Informatique, Plan Informatique, Méthodologies, Normes et Standards...).

  Analyse-Conception d'applications : <u>Au moins 7 ans</u>
- 2.3 <u>Réalisation d'applications</u>: Programmation, test, mise en place, formation: <u>Au</u> moins 3 ans d'expérience

D.E.A.: Diplôme d'Etude Approfondie

D.E.S.S.: Diplôme d'Etude Supérieure Spécialisée

projets d'applications.

### III. CONNAISSANCES TECHNIQUES (OBLIGATOIRES)

### 3.1 Equipment IBM

Une expérience d'au moins 5 ans sur l'un des équipements IBM haut de gamme, à savoir : IBM 360 ou IBM 370 ou IBM 43XX (4331, 4341, 4381 etc...) ou IBM 30XX (3090 etc...)

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### 3.2 Système d'Exploitation

OS/VS ou DOS/VS ou MVS de préférence; à défaut : VM/CMS

### 3.3 Logiciels de Développement

- . Expérience pratique sur au moins un système de Gestion de Bases de Données (CA-DATACOM, ORACLE, IMS, DL1, etc...).
- . Expérience pratique sur au moins un moniteur conversationnel (CICS, TSO, ou équivalent).
- Avoir pratiqué au moins un langage évolué de programmation : COBOL, PL1, etc...
- 3.4 Connaissances des <u>problèmes</u> d'environnement informatique (Fiabilité, disponibilité, sécurité, etc...) et d'Exploitation de systèmes informatiques (Planification, partage de ressources, etc...)

### IV. EXPERIENCES OU CONNAISSANCES SOUHAITEES

- Expériences souhaitées sur la Mini ou micro-informatique
- Connaissances sur les problèmes de réseaux informatiques, les problèmes de sécurité.
- Comnissances sur les nouvelles tendances et techniques informatiques: Informatique distribuée, logiciels de 4ème Génération, nouvelles techniques d'analyse et de programmation (Méthode de prototypage, programmation structurée, etc...)

Etc...

### ANALYSTE SYSTEME

### A. RESUME DES FONCTIONS.

- 1. Rassemble et analyse les informations neccessaires au développement des projets informatiques, ainsi que les modifications éventuelles.
- 2. Conçoit les projets et détermine leur méthode de mise en oeuvre, et, supervise ou guide leur installation.
- 3. Travaille en collaboration étroite avec les utilisateurs, pour rassembler les informations et définir les objectifs du projet.
- 4. Documente les faits pertinents et, les résultats d'étude.
- 5. Fait la présentation d'usage des faits pertinents, les recommandations et spcifications dans des rapports écrits et lors des présentations orales

### B. OBLIGATIONS

# B.1 OBLIGATIONS NORMALES

- 1. Participe aux études préliminaires pour l'identification des nouveaux projets d'informatisation.
- 2. Participe aux interviews et autres activités de recueil des données pour les systèmes existents, analyse les données recueillies et prépare l'analyse des besoins des utilisateurs.
- 3. En se basant sur le document approuvé d'analyse des besoins, il effectue une analyse fonctionnelle d'après les informations disponibles.
- 4. Prépare les spécifications de l'analyse fonctionnelle du système, en se basant sur les méthodes de conception en vigueur.
  - 5. Prépare la documentation des projets tels que spécifiés.
  - 6. Prépare l'estimation détaillée des ressources nécessaires à la réalisation du projet.
  - 7. Remplit les tâches administratives nécessaires.

### B.2 AUTRES OBLIGATIONS

- 1. Peut être sollicité, dans certaines situations, pour faire certaines tâches ou toutes les tâches dévolues à un analyste-programmeur, en plus de ses propres activités.
- 2. Peut être nommé chef de projet, pour diriger un projet et ainsi superviser d'autres personnes associées au projet (se reférer aux fonctions du chef de projet).

### TECHNICAL ASSISTANT JOB DESCRIPTION FOR ACOS.2

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DEPARTMENT: COMPUTER SERVICES DEPARTMENT (ACOS)

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DIVISION: ACOS.2 major was provided with an absorbed and interests.

1. Title of Post: Network Support System Engineer

### 2. Justification of Post requested:

The operation of the sophisticated MVS environment which includes several subsystems such as SNA, VTAM and NCP implies that System Engineers be specialised in different areas as large network support and monitoring. The Bank is planning to install an enhanced communications network using a PABX. It is also planned to access the outside market via a remote communications controler. These installations require a Senior MVS Systems Engineer specialised in large network operation.

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### 3. Academic Qalifications required

University degree in computer sciences, mathematics or similar field study. Technical education equivalent to University degree acceptable.

### 4. Professional Experience required

a) A minimum of 5 years experience in working in the MVS operating system environment

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- b) A minimum of 2 years experience in implementing network control softwares as SNA/VTAM, NCP, etc...
- c) In depth knowledge and experience in monitoring large communications network and peripheral devices.

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### 5. Language:

English or French and knowledge of the second official language is desirable.

### 6. Functions:

- a) Assist ACOS Management in designing the adequate network for the Bank and define the naming convention to identify all the devices and nodes of the network.
- b) Install test and debug in the MVS environment telecommunications software products such as VTAM, NCP, SSP, NPDA, NLDM, etc.. assisted by vendor and ACOS staff.
- c) i Implement the interconnection between the IBM and the Wang systems over SNA standard link.
- d) Install test and operate the connections between the mainframes and the workstations (Dumb terminals, micro-computers, printers) via the use of the PABX or the dedicated controllers with twisted pairs or coaxial cables.
- e) Liaise with ONT for the installation of lines and modems for remote communications.
- f) Monitor hardware/software performance using network monitoring tools (NPDA, NLDM, etc..) and coordinate with ACOS technical staff to optimize the use of hardware/software.
- g) Analyse hardware utilization and workload and make recommendations to management for better utilisation of resources.
- h) Acting as the highest level technical problem determinator and with assistance of the vendor and ACOS staff, following up and implementing corrective actions.
- i) Define and implement access security levels for overall network protection and act as the main responsible for the change management in the system hardware and software configurations.
- i) Provide technical assistance and training to support staff when required.

### expert en energie

### 1. FORMATION

FORMATION UNIVERSITAIRE EN ECONOMIE, niveau 3è cycle, avec spécialisation souhaitable ENERGIE - Double Formation d'économiste et d'Ingénieur serait appréciée.

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# DOMAINE D'EXPERIENCE

10 ans d'expérience minimum dans les études de programmation des projets énergétiques dont dont 5 ans en Afrique et dans les pays en développement. Dans une organisation nationale ou internationale de développement, dans un Département de Planification et d'études de transports ou dans un bureau de consultant spécialisé dans les études de transport. Etudes à l'échelle nationale ou régionale de programmes et projet d'énergie Evaluation des besoins. Choix des sources d'énergie. Substitutions et facteurs de substitution pour l'utilisation de l'énergie selon les utilisations et les catégories d'utilisateurs de l'économie. Evaluation des institutions chargées de la gestion des ressources et systèmes énergétiques.

### 3. SITUATION DU POSTE

Le poste à pourvoir est situé au sein de la Division de l'infrastructure, dépendant du Département Central des Projets (CEPR). Ce Département est chargé de définir et de mettre en application les politiques sectorielles de développement. La Banque finance des projets de production, transports et distribution d'énergie électrique, d'énergie fossile, de projets forestiers pour bois de chauffe et charbon de bois, d'énergies renouvelable de petites dimensions et notamment en milieu rural. Elle finance des projets nouveaux, des réhabilitations de projets et des projets d'économie d'énergie. Elle étudie l'impact des programmes et des projets qu'elle finance sur le développement des économies des Etats membres.

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# DEFINITION DES TACHES

Passer en revue les activités passées de la Banque dans le secteur de l'énergie et élaborer des notes de synthèse sur les problèmes rencontrés et leurs liaisons et effets sur le développement du secteur de l'énergie et des autres secteurs de l'économie.

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Elaborer des termes de référence des études à mener sur les différents aspects des politiques de l'énergie pour identifier et éclairer les insuffisances et goulots d'étranglement et pour proposer des solutions.

- Entreprendre les études ou les sous-traiter à des consultants ou bureaux d'études, rédiger les rapports de synthèse, les faire discuter au sein de la Banque dans les Divisions sectorielles et les Divisions chargées des études économiques pour les pays.
- Prendre connaissance et suivre les travaux et programmes de politiques des transports entrepris par les institutions de développement africaines, bilatérales et internationales. Faire discuter leurs travaux au sein de la Banque.
- Proposer à la Direction du Département et à la Direction de la Banque des éléments de politiques de l'énergie à mettre en œuvre à travers les projets financés par la Banque.
- Assister les experts de la Bauque chargés d'évaluer des projets et des programmes d'énergie pour la justification et le bien fondé de ces derniers et pour la prise en considération et l'application des politiques de l'énergie et les analyses économiques et financières de ces programmes et projets.
- Elaborer des notes analytiques pour enrichir la politique de la Banque dans certains domaines ou aspects du domaines de l'énergie et des secteurs économiques qu'il influe et développer des méthodes d'approche à discuter et à diffuser au sein de la Banque.

- Organiser et animer des seminaires pour les experts de la Banque et ceux des pays membres, participer aux seminaires et conférences auxquels la Banque est invitée et exposer les politiques de la Banque dans le domaine de l'énergie.
- Constituer pour la Banque un fonds documentaire opérationnel sur le secteur de l'énergie et diffuser l'information au sein de la Banque sur cette documentation.

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## PARTICULARITES DU POSTE : PARTICULARITE : PA

Les langues de travail de la Banque étant le Français et l'Anglais, il est hautement souhaitable que le candidat maitrise totalement l'une des deux langues et puisse au moins communiquer dans la seconde.

Le poste exige un travail de conception des politiques de développement, basé sur une solide expérience d'études et d'adaptation de ces concepts à la situation des pays en développement.

Le candidat devra avoir de réelles qualités de contacts et de communication pour sensibiliser et former.

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FORMATION UNIVERSITAIRE EN ECONOMIE, niveau 3è cycle, avec spécialisation transports - Double Formation d'économiste et d'Ingénieur serait appréciée.

# HE REPORT OF THE RESIDENCE OF DOMAINE D'EXPERIENCE

para santa da marina 10 ans d'expérience minimum dans les études de programmation des INFRASTRUCTURES de TRANSPORTS dont 5 ans en Afrique et dans les pays en une organisation nationale ou internationale développement. développement, dans un Département de Planification et d'études de transports ou dans un bureau de consultant spécialisé dans les études de transport. Etudes à l'échelle nationale ou régionale - Préparation ou participation à l'élaboration de plans de développement des transports et des infrastructures de transport. Evaluation des besoins. Choix des modes de transport. Analyses économiques et financières des projets et programmes sectoriels et sous sectoriels des transports. Evaluation des Institutions chargées de la gestion des systèmes de transports et des infrasctures.

### SITUATION DU POSTE 3.

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### DEFINITION DES TACHES 4.

En tant qu'assistant technique, l'expert des transports aura à couvrir les tâches ci-après.

- Constituer pour la Banque un fonds documentaire opérationnel sur le secteur des transports et diffuser l'information au sein de la Banque sur cette documentation.

### PARTICULARITES DU POSTE

Les langues de travail de la Banque étant le Français et l'Anglais, il est hautement souhaitable que le candidat maitrise totalement l'une des deux langues et puisse au moins communiquer dans la seconde.

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# OFFICE OF THE INTERNAL AUDITOR TECHNICAL ASSISTANCE REQUIREMENTS

- DESCRIPTION OF POST Computer Auditor; to undertake EDP audits and render technical support to Internal Auditors on assignments requiring appraisal of computerised processing.
- 2) PROFILE OF PROSPECTIVE CANDIDATE

### Knowledge and Experience

The candidate should possess a sound knowledge of the practices used in the management of EDP facilities and applications and of the assessment of the administrative and financial controls in the computer based financial systems and processes. Therefore, he or she should be capable of :-

- reviewing, recording and evaluating computer-based controls and internal controls;
- designing and applying computer-assisted audit techniques;
- devising appropriate audit programmes and carrying out on-the-job training of the Internal Audit Staff;
- providing comprehensive recommendations to improve the management of the Bank's computer based processes.

### Qualification

The person will be expected to possess a professional accounting qualification coupled with appropriate training in Computer Auditing and a minimum of five years experience of auditing in a computerised environment. He or she must be fluent in either English or French and have a working knowledge of the other as the case may be.

### When Required

The candidate is required as soon as possible.

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# REQUEST FOR PROPESSIONAL STAFF

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p.	NATURE: Replacement Vacancy X Addition to Staff.
E.	GRADE OF PREVIOUS INCUMBENT TECHNICAL ASSISTANT
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G.	LANGUAGE: English French X Bilingual X
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н.	
	WISI is a Department which is responsible for 25 countries, of which
	20 are French speaking and 5 are English-speaking. The existing staff
	of 4 French-speaking Engineers in the Transport Division can hardly
	cope with the work of the Division - covering field missions for identi-
	fication, preparation, appraisal and supervision (including desk super-
	vision and review of documents). With the departure of Mr. BRYANNE & BONN
	workload for the Engineers has increased - hence the need for their re-
	placements.
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	(Signature of the Department Head)
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2.	RESPONSIBILITIES	OF:	THE	POSITION

List the most important activities (maximum 10); always start your sentence with an active verb, be brief and very specific.

1 Reviews and advises on the technical aspects of loan applications submitted to the Bank and assists the Department in the preparation of relevant documents.  2 Determines the technical soundness and the stage of preparation of identified projects.  3 Collects all relevant information as required for the preparation, apparaisal and implementation of projects.  4 Determines and carries out actions necessary for the preparation of projects included in the pipeline.  5 Carries out engineering feasibility studies and follows up studies undertaken by Consultants.  6 Examines, comments and advises on relevant engineering concepts and quantity estimates, contract stipulations, tenders/documents, technical reports or/and other matters related to project financed by the Bank/Fund.  7 Deals with organizational and institutional aspects of transport projects, their cost and quantity estimates, and assists loan officials, Working groups, and in drafting and examining appraisal reports and loan proposals.  8 Addivises on bidding procedure, details of engineering designs, plans and	% of	
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### JOB DESCRIPTION

Vice Presidency:

NOVP

Department:

NARD

Job Title

Health Expert

Division

kajang panggan palatifika kalaman manan di t

NARD.3

### Summary of Functions

Under the supervision of the Division Chief, Health and Education Division, Region I, identifies, prepares and appraises projects in the health sector of region I member countries, reviews various technical documents on educational projects and advises the Bank Group on technical viability of those projects, follows up the implementation of approved projects and performs other related duties.

### Duties and Responsibilities

Participates in identification, preparation and appraisal missions on health projects at which time the following tasks are performed:

- identifying/preparing health projects in cooperation with government officials and visiting health institutions with a view to determining sectoral requirements;
- examining the country's development plan to determine the level of priority placed on specific health sub-sectors;
- collecting and analyzing data concerning population data, disease patterns, existing health institutions, financing and budget of health services, manpower availability and the health personnel training programmes.
- determine the Borrower's capability to manage the project;
- suggesting better ways of conceptualizing the project, if applicable;
- assessing the location and design of health buildings and equipment;
- determine the technical viability of the project.

Contributes to the preparation of various report following identification, preparation and appraisal missions and follows up the appraisal report from Working Group and Loans Committee meetings through Loan Negotiation - revising the report as necessary along the line - and finally defending the report at the Board meeting.

Carries out desk review of technical documents on health projects and formulates appropriate recommendations for management an/or the Borrower.

Assists in technical supervision of on-going health projects by:

- reviewing the design, tender documents and Quarterly Project Progress Reports;
- visiting the project site(s);
- trying to identify and/or predict technical constraints and prescribing suitable remedial actions.

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Performs other duties such as:

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- checking and recommending payment requisitions for goods and services;
- taking part in seminars or conferences;
- taking part in training activities;
- taking an active part in interviewing applicants to vacant posts in the Bank:
- preparing the terms of reference for a mission for self and consultants;
- drafting contracts with consultants:
- attention Working Group meetings to discuss own and other projects;
- liaising with visiting missions from member countries or contracting firms and suppliers;
- participating in the negotiation of Bank financed projects;

### Educational Background

University degree as an ND or in Public Health and possibly followed up by post graduate studies of specific areas of health sector planning or health finance.

### Practical Experience

Practitioned as an MD or worked in the health administration or other related activities for a minimum period of five years. Computer knowledge and experience from working in international as well as wide regional environment is an asset.

### Language

Fluent in French or English and a working level on the other.

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### 面会省リスト

K. S. M. Nyahe, Deputy Director, Cooperation Dept.

H. N. M'Narobi, Division Chief. Cooperation Dept.

G. M. B. Karisa, Division Chief, Country Programmes I

S. Y. Gaba, Country Programmes II

J. L. Ravelomanantsoa, Desk Officer, Cooperation Dept.

S. Y. Elmi, Human Resources Management Dept.

N. Bouzaher, Division Chief, Infrastructure and Industry Dept. II

G. Palme, Engineer, Civil Engeneering,

Infrastructure and Industry Dept.

D. R. Rao, Principal Transport Engineer.

Infrastructure and Industry Dept.

M. Marumo, Civil Engeneer, Infrastructure and Industry Dept. I

A. W. Hall, Senior Irrigation Engineer.

Agricultural and Rural Dev. Dept. II

C. Y. Amegavie,

D. Razafindrakoto, Veterinary Officer.

Agricultural and Rural Dev. Dept. II

