	Title of Position	Partial Equilibrium (PE) modelling specialist		
	Location	Based on the African continent	**Application Closing Date**	**15th Dec 2023** *(No later that 17h00 Central Africa Time)*
	Start Date	1st Feb 2024	**Duration**	2-years, with possible 3-year extension based on performance

POSITION SUMMARY

The Regional Network of Agricultural Policy Research Institutes (ReNAPRI) is a regional grouping of agricultural policy think tanks that was established in 2012 and officially registered in 2014. The organization is in the process of formally changing its name to ANAPRI. ReNAPRI's mandate is to generate evidence through high quality research with a view to support policy making at national, regional and continental levels. ReNAPRI's 16 centers are in 15 countries (i.e., East, West, Central and Southern Africa). The network collaborates with several partners and stakeholders across the globe.

The Bill and Melinda Gates Foundation (BMGF) has engaged ReNAPRI to deliver economic modeling of value chain, policy, and public investment priorities for achieving inclusive agricultural transformation (IAT) outcomes targeted by governments. The goals of the BMGF are to:

- improve national and state-level resource allocation and policies by building the capacity of African think tanks to provide governments with access to high-quality models, tools and analytics for assessing IAT - related priorities and trade-offs associated with alternative policy, public investment, and value chain choices;
- to increase quality, availability, and utility of data and evidence by building the capacity of African policy think tanks to work with governments to socialize; and
- to apply IAT tools and analytics in support of policy, public investment, and value chain prioritization.

The engagement is building on the Policy Prioritization through Value Chain Analysis approach (PPVC I) that was developed by the Bureau for Food and Agricultural Policy (BFAP) and the international Food Policy Research Institute (IFPRI) and the first phase of implementation included three RENAPRI centers, namely Tegemeo Institute in Kenya, Sokoine University in Tanzania, and MwPATA in Malawi since 2018.

In the second phase, PPVCII, the BFAP and IFPRI will support five RENAPRI centers to undertake data collection, curation and management activities, modeling of IAT outcomes and government engagement activities at the country and regional level, drawing on combinations of IFPRI's RIAPA general equilibrium model, BFAP's Africa Sector Model, ReNAPRI's own partial equilibrium model, gross margin and competitiveness analysis, spatial data, climate indicators, and other analytical tools.

The technical aspects of the projects as stated in respective project documents in achieving the following three outcomes: -

- **Outcome 1:** RENAPRI *centers have the technical capacity to deliver PPVC analytical services for informing government decision making about value chain, policy and public investment prioritization, reform and implementation.*
- **Outcome 2:** *Governments are implementing value chain, policy and public investment reform priorities and recommendations identified by PPVC analytics.*
- **Outcome 3:** *Government are expressing willingness to pay for (effective demand for) PPVC's value chain, policy and public investment prioritization analytics from RENAPRI centers on an ongoing basis.*

DUTIES AND RESPONSIBILITIES

As part of the PPVC II project, a Modelling Service Centre (MSC) is being established at the ReNAPRI secretariate. The MSC is led by the Principal Investigator of the PPVC II project (MSC) and will provide analytical support to RENAPRI countries that are implementing the PPVC approach. The MSC will complement the capacity strengthening activities offered by IFPRI and BFAP during the implementation of PPVC II.

ReNAPRI seeks to recruit a Multi-market Partial Equilibrium (PE) Modelling Specialist who will be employed full-time within the MSC. Multi-market partial equilibrium (PE) modelling is used to assess impacts on agricultural production, prices, trade flows, and consumption (including agro-processing) under alternative future states with respect to specific interventions and investments.

Under the PPVC II project the PE modelling specialist will perform the following duties:

- after intensive structured training on PE modelling as one of the PPVC tools, the PE modelling specialist will work closely with BFAP and IFPRI in providing capacity building to ReNAPRI centers as well as provide additional manpower to respond to any requests for PPVC services during the PPVC implementation phase.
- support the coordination and development of PPVC analytics across the ReNAPRI Network.
- provide support to RENAPRI centres to facilitate successful implementation, monitoring, and reporting on PPVC II activities, specifically related to PE outputs.
- Continuously develop the ReNAPRI PE model to expand country and commodity coverage in relevant regions.
- Advise and support the RENAPRI MSc on any other technical aspects related to trainings, data and analytics, pre and post dissemination of policy recommendations and support of the effective and successful implementation of the PPVC II project.

For more information on PPVC, please visit www.ppvc.bfap.co.za

QUALIFICATIONS

PhD Degree in Agricultural Economics, Econometrics, Development Economics, or related field.

WORK EXPERIENCE

Minimum of 5 years demonstrated experience working in Africa on:

- Demonstrated ability and experience working with ex-ante economic simulation models and foresighting, particularly also working with partial equilibrium models, at national, regional or global level. Added advantage of econometric models (including time series analytics, supply and demand fundamentals and price relationships) , data analytics and market analyses.
- agricultural value chains and food systems, with a preferred focus on agricultural policy analyses, foresighting and scenario analyses.
- Experience in working with both private and public sector stakeholders to inform policy options and investment decisions (public and private) that drive inclusive agricultural transformation.
- Experience of working in diverse cultural settings and with a variety of stakeholders at multi-national or continental level, culturally and gender sensitive.

LANGUAGES

- Fluency in written and spoken English (essential)
- Knowledge of French or any other AU language is desirable

COMPETENCIES

- Excellent inter-personal skills, including the ability to work within a group,
- establish strong cooperative relationships with government officials, private sector stakeholders and development partners.
- Demonstrates integrity with good values and ethical standards.
- High-level planning, organizational, and time management skills, including flexibility, attention to detail and ability to work under pressure to meet deadlines.
- Skills and experience working with partial-equilibrium modelling and foresighting.
- Ability to quickly adapt to change and to operate in a fast-paced environment.

REMUNERATION

Remuneration will be commensurate with experience.

APPLICATION DETAILS

To apply for this position, please send your detailed application (Cover letter and curriculum vitae) as one document to addressed to:

The Executive Director
RENAPRI Secretariat
Lusaka
Zambia

Email: info@renapri.org

Please indicate the position title and position number in the subject line in you cover letter and email.

Attach your CV with details of three referees, and copies of your relevant certificates.

This Job Description only serves as a guide for the available position. RENAPRI reserves the right to change, revise, omit, and add in part / in whole, to this document.

RENAPRI is committed to diversity in its workforce and is an equal opportunity employer. ANAPRI believes in non-discrimination. Qualified women are encouraged to apply.

To find out more about RENAPRI, visit our website at https://renapri.org/