



**REQUEST FOR EXPRESSIONS OF INTEREST
(TEACHING SERVICES-RENEWING THE POOL OF LECTURERS
& TRAINERS)**

Sector: **Higher Education, Public Health Sector**
Financing Agreement reference number: **201967215**

Assignment title: **Teaching, Training and Research services at the East African Community Regional Centre of Excellence for Vaccines, Immunization and Health Supply Chain Management in:**

- 1. Master Programme in Health Supply Chain Management**
- 2. Master Programme in Pharmaceutical Quality Assurance and Quality Control**
- 3. Supervision of Field Placement/Industrial Attachment**
- 4. Supervision of Students' Dissertations and,**
- 5. Short-term professional courses in the area of Vaccines, Immunisation and Health Supply Chain Management and Pharmaceutical & vaccines Manufacturing**

The University of Rwanda (UR) has been tasked by the East African Community (EAC) to operationalize the EAC RCE-VIHSCM with financial support from the Federal Republic of Germany through the German Development Bank (KfW). The goal of the EAC RCE-VIHSCM is to contribute to solving existing performance challenges in Immunization and Health Supply Chain Management system in the EAC Region through the generation of knowledge and its translation into practice, policy and research.

In this regard, the EAC RCE-VIHSCM is offering short-term training programmes and is running a 2-year Master's Programme in Health Supply Chain Management (blended training programme combining both face-to face, distance/online learning, field attachments and operational research). The EAC RCE-VIHSCM also plans to start 3 new Master's Programme in Pharmaceutical Quality Assurance and Quality Control, in Vaccinology and in Pharmaceutical Regulatory Affairs. Besides, these Master's Programmes, students are required to write a research dissertation at the end of the programme in fulfilment of the requirements for the award of the Master's Degree.

To leverage expertise from the global supply chain community, the EAC RCE-VIHSCM will hire experts to deliver face to face sessions, online facilitation, supervision of field attachments, supervision of students' research projects and delivery of short-term professional trainings.

The teaching and training services described under this **Expression of Interest (EoI)** cover the following modules:

1. Master's Programme in Health Supply Chain Management

Module 1: Introduction to Health Supply Chain Management



Module 2: Health Products & Technologies selection, quantification and procurement.

Module 3: Storage and distribution

Module 4: Introduction to human resources management

Module 5: Field attachment

Module 6: Equipment Management

Module 7: Resources Management

Module 8: Leadership and professional management

Module 9: Strategic procurement

Module 10: Field attachment

Module 11: Applied research method

Module 12: Optimisation of health supply chain management systems

Module 13: Integration of new technologies in health supply chain systems

Module 15: Applied research project (Master's Dissertation)

2. Master's Programme in Pharmaceutical Quality Assurance and Quality Control

Module 1: Leadership and Management

Module 2: Research Methodology and Biostatistics

Module 3: Quality Assurance

Module 4: Analytical Techniques

Module 5: Biotechnology

Module 6: Good practices (GxP)

Module 7: Biomanufacturing

Module 8: Quality Control

Module 9: Industrial Attachment

Module 10: Health Products Regulation

Module 11: Elective: Radiopharmaceuticals

Module 12: Elective: Advanced Biotechnology

Module 13: Elective: Clinical trials in industry

Module 14: Research Project (Master's Dissertation)

The content for each module (for the long programmes) will be provided as well as an orientation to the content prior start of the assignment while a brief description of the aims, objectives and indicative contents for short-term professional courses will be made available before the delivery of each course.

Interested experts must provide information indicating that they:

1. Earned Doctoral Degree (PhD) in procurement, logistics and supply chain management, resources management, public health, pharmacy, with a working/training experience on health and immunization supply chain management. A Master's degree with more than 5 years working/training experience in immunization and health supply chain management, can be considered.

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2. Earned Doctoral Degree (PhD) in Quality Assurance and Quality Control, Drug Analysis, Biotechnology, Molecular Sciences, Biomanufacturing, Industrial Pharmacy, Clinical trials, pharmaceutical technology, Regulatory Affairs, Vaccinology, Management, public health, pharmacy, with a working/training experience on pharmaceutical and biopharmaceutical manufacturing or analysis. A Master's degree with more than 5 years working/training experience in above mentioned fields can be considered.
3. Have a proven experience with teaching and curriculum development in Higher Learning Education.
4. Experience in developing and delivering professional short-term professional courses in the above indicated areas.
5. Candidates working in Pharmaceutical and Biopharmaceutical Manufacturing plants, Regulatory Bodies and Quality Control Laboratories are encouraged to apply.
6. Familiarity and experience with innovative teaching methods, such as team-based learning and problem-based learning, blended learning, formative assessment, peer instruction, or online learning and short-courses delivery.
7. Track record of research productivity with peer-reviewed publications.
8. Fluency in English is required; French or Kiswahili language skills desired but not mandatory.
9. Have the necessary skills (professional certification in specific topic area).

3. Field/Industrial Attachment preceptors

A preceptor is an experienced practitioner who provides supervision during industrial attachment or internship and facilitates the application of theory to practice for students and staff learners. The EAC RCE-VIHSCM is looking for qualified preceptors for onsite supervision of field/industrial attachment for students from master's programmes

Interested experts must provide information indicating that they:

1. Earned Master's degree in Quality Assurance and Quality Control, Drug Analysis, Biotechnology, Molecular Sciences, Biomanufacturing, Industrial Pharmacy, Clinical trials, Pharmaceutical technology, Regulatory Affairs, Vaccinology, Management, public health, pharmacy, procurement, logistics and supply chain management, resources management, public health, with a hands-on experience in the related field of more than 2 years. A Bachelor's degree with more than 5 years working/training experience in above mentioned fields can be considered.
2. Candidates working in Pharmaceutical and Biopharmaceutical Manufacturing plants, Regulatory Bodies, Quality Control Laboratories and Supply Chain Management in EAC partner states are encouraged to apply.
3. Familiarity and experience with innovative teaching methods, such as team-based learning and problem-based learning, blended learning, formative assessment, peer instruction, or online learning.
4. Track record of supervising internship/field/industrial attachment.

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5. Fluency in English is required; French or Kiswahili language skills desired but not mandatory.
6. Have the necessary skills (professional certification in specific topic area).

4. Supervision of Master's Dissertation

A Master's dissertation should be supervised by an experienced researcher with a high profile in publication and grant writing. Applicants for Supervising a Master dissertation should:

1. Have a Doctoral Degree (PhD) in supply chain management, procurement, logistics, public health, pharmacy, Quality Assurance and Quality Control, Drug Analysis, Biotechnology, Biomanufacturing, Pharmaceutical technology, Regulatory Affairs, Vaccinology and other related fields;
2. Have at least 10 publications in high impact peer reviewed Journals in the field;
3. Have at least earned two research grants;

5. Short-term professional courses

5.1 . Vaccines, Immunisation and Health Supply Chain

- i. General Health Supply Chain Management,
- ii. Forecasting and Quantification for Vaccines and other health commodities,
- iii. Vaccines and Immunisation Supply Chain management
- iv. Strategic Executive Programme (STEP) Leadership,
- v. Access to medicines and Supply Chain System Re-design,
- vi. Humanitarian Supply Chain Management,
- vii. Governance, Transparency and Accountability in Pharmaceutical Sector Procurement,
- viii. Immunisation Economics/Financing,
- ix. Cold Chain Equipment Management and Remote Temperature Monitoring,
- x. Vaccinology course
- xi. Effective Vaccines Management (EVM) Assessment,

5.2 . Pharmaceutical and Vaccines Manufacturing:

- i. Good Manufacturing Practices (GMP),
- ii. Pharmaceutical Technology and Medicines Control
- iii. Dosage Form Design
- iv. Quality Control/Analytical Technics
- v. Production equipment/Technology,
- vi. Lot Release and
- vii. Biotechnology.



- vi. Lot Release and
- vii. Biotechnology.

The interested experts/trainers should have at least the following qualifications/experiences/competencies/ knowledge:

1. Prior experience in Training Needs Assessment (TNA), short-term professional courses development and delivery in the areas indicated above,
2. Extensive experience with at least 5 years of specific experience in one of the areas indicated.
3. Interested candidates with a PhD degree in one of the indicated areas is highly recommended and participants with Master's degree in one of the areas with a minimum of 10 years are encouraged to apply.
4. Affiliation to an academic or a training institution would be an advantage.

Note: Interested candidates for Short-term professional course programme are advised to select not more than 3 topics for short-courses.

The University of Rwanda through EAC RCE-VIHSCM, invites eligible Experts (Lecturers and Trainers), to express interest in covering **one or more modules for Master's programmes and one or more topics for short-term professional courses.**

An attractive allowance and transport facilitation to/from Rwanda are provided.

Interested experts (lecturers and trainers) may obtain further information from the address below during office hours 08.0am to 5.0pm CAT.

The Training Coordinator

EAC Regional Centre of Excellence for Vaccines, Immunization and Health Supply Chain Management (RCE-VIHSCM)

Email: nbaptiste1988@gmail.com

Expressions of Interest must be deposited at the University of Rwanda, EAC RCE-VIHSCM Office at Kicukiro, Kigali-Rwanda or via email: rcehscm@googlegroups.com not later than **December, 2022 at 5.00 pm Local time (3.00 pm GMT)** and clearly marked with the title of the assignment and addressed to:

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UNIVERSITY of
RWANDA

COLLEGE OF MEDICINE & HEALTH SCIENCES

EAC REGIONAL CENTRE OF EXCELLENCE FOR VACCINES,
IMMUNIZATION & HEALTH SUPPLY CHAIN MANAGEMENT

The Director
EAC Regional Centre of Excellence for Vaccines, Immunization and Health Supply Chain Management (RCE-VIHSCM)
University of Rwanda
KK 19 Ave, Plot 101
Kigali, Rwanda
Mail: rcehscm@googlegroups.com

With a copy to (CC): jhabagusenga@nursph.org

Signed.....

A handwritten signature in blue ink, appearing to read 'S. Karengera', written over a horizontal line.

Date:..... 11.11.2022

Dr. Stephen Karengera

The Director, EAC Regional Centre of Excellence for Vaccines, Immunization and Health Supply Chain Management (RCE-VIHSCM)
University of Rwanda