



OFFICE OF THE COORDINATOR

**JOB ANNOUNCEMENT FOR THE POSITION OF SENIOR ENGINEER
(MECHANICAL/CIVIL ENGINEERING EXPERTISE) UNDER NIHR GLOBAL HEALTH
RESEARCH GROUP ON PHYSICAL TRAUMA FROM INJURY & POST CONFLICT
(iPrOTeCT) PROJECT.**

(Application deadline extended to Friday 9th May 2025)

1. INTRODUCTION

The University of Rwanda, through its Single Project Implementation Unit (SPIU) is implementing various projects aimed at enhancing research capacity, infrastructure development, and service delivery. To strengthen technical capacity, the University is implementing a research project entitled “NIHR Global Health Research Group on Physical Trauma from Injury & Post Conflict (iPrOTeCT)” funded by the National Institute of Health and Care Research (NIHR), UK through Imperial College London. The project aims at improving the functional outcomes, promoting independence and enhancing the quality of life of victims of physical trauma by seeking to understand further the burden of physical trauma from conflicts, non-conflict events, and testing context-appropriate limbs saving procedures and technology or prosthetics where limbs cannot be saved. The University seeks to recruit a Senior Engineer-Mechanical/Civil Engineering expertise to support project activities related to the manufacturing of orthopedic devices, infrastructure and quality assurance in engineering outputs. This Senior Engineer will work across mechanical/civil engineering tasks to support the University’s projects effectively.

The University of Rwanda-Single Project Implementation Unit (UR-SPIU) is inviting qualified and interested applicants to apply for the position of Senior Engineer (Mechanical/Civil Engineering Expertise) to achieve the project deliverables.

POSITION: Senior Mechanical/Civil Engineer

2. ROLES AND RESPONSIBILITIES

- Set up and operate milling, turning, and other machines for the production of orthopedic devices.
- Interpret technical drawings and specifications for precise machining and fabrication.
- Perform quality control checks on manufactured components and ensure compliance with industry standards.
- Maintain and troubleshoot mechanical equipment to ensure continuous and efficient operation.
- Collaborate with design and quality assurance teams to optimize manufacturing processes.

- Ensure compliance with health, safety, and quality standards, including ISO 13485.
- Maintain detailed records of production and maintenance activities.
- Identify construction funding opportunities and contribute to project proposal development.
- Assess ongoing construction projects, follow up on requirements, and provide technical advice.
- Conduct feasibility studies, impact assessments, and participate in final engineering design processes.
- Study and review drawings, plans, specifications, and cost estimates for construction projects.
- Perform technical review and approval of project designs and construction proposals; recommend contract awards.
- Review and prepare amendments to engineering and construction contracts as necessary.
- Assist in determining project budgets, schedules, and scopes of work.
- Lead site inspections and supervise construction works to ensure compliance with quality and safety standards.
- Manage construction deliverables, ensuring projects are completed on time and within budget.
- Assist in preparing bidding documents and evaluating contractors' proposals.
- Liaise with contractors, consultants, architects, and other stakeholders to ensure smooth project implementation.
- Provide regular status reports, including construction progress, cost monitoring, and quality assessments.
- Recommend construction method adjustments and material substitutions as needed.
- Support procurement teams in the technical evaluation of construction bids.
- Maintain complete technical records and contribute to achieving unqualified audit opinions.
- Perform any other related tasks assigned by the immediate supervisor.

3. REQUIRED SKILLS AND QUALIFICATIONS

- Bachelor's degree or Higher in Mechanical Engineering, Civil Engineering, or related fields.
- At least 5 years of professional experience in mechanical/civil engineering roles.
- Strong knowledge of both construction project management and mechanical manufacturing processes.
- Experience operating milling and turning machines and supervising construction projects.
- Knowledge of orthopedic materials (preferred) and building regulations/standards.
- Proficiency in interpreting technical drawings, CAD designs, and engineering specifications.
- Strong project management, analytical, and problem-solving skills.
- Ability to work independently and as part of a multidisciplinary team.
- High level of professionalism, attention to detail, and organizational skills.

4. APPLICATION PROCEDURE:

Interested and qualified candidates should submit their applications online to the link:
<https://forms.gle/DCgsTuHqATJ5enRZ7>

Documents required are:

1. An application letter addressed to UR-SPIU Coordinator.
2. A detailed Curriculum Vitae
3. Copy of academic degree(s), and Certificates of any relevant professional training
4. Copy of National Identity card
5. Copy of proof of other relevant experience

The deadline for submission of the application is set on 09th May 2025. Only shortlisted candidates will be required to sit a written test.

Done at Kigali on 07th May 2025



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