

Job Description for Water and Sanitation Economist in WATSAN SWAP Secretariat

MINISTRY OF INFRASTRUCTURE (MININFRA)

JOB DESCRIPTION FOR WATER AND SANITATION ECONOMIST IN WATSAN SWAP SECRETARIAT

(i) Duties and Responsibilities include but not limited to:

- Contribute to the financial and economic analysis for the Water and Sanitation Policies and Strategies formulation;
- Lead the development of investment opportunities and investment flow chart in water and sanitation sector;
- Lead the analysis and assessment of the cost effectiveness, cost recovery and other financial and economic analysis during the development of MoU and other agreements with investors and partners/stakeholders;
- Lead the formulation of guidelines to the establishment of water and sanitation services tariffs;
- Contribute and follow up to the establishment, analysis and assessment of water tariff especially social water tariffs as well as social sanitation services tariffs;
- Report to the ministry the status on water and sanitation services tariffs in compliance with population complaints and regulation;
- Conduct and/or coordinate research and analysis by developing ideas/concepts in support of WATSAN operational activities as well as technical documents that will support the dissemination of the strategic investment plans;
- Identify, define, design, coordinate and conduct applied research efforts (supported by consultants and divisional staff) on key topics in the areas of water and sanitation social economics;
- Provide advisory services and technical support to operational teams on the preparation of financial and economic analysis and evaluation in water and sanitation projects;
- Design and implement capacity building programs to support water and sanitation operators and sector institutions in social, financial, economic and management in the delegated water and sanitation management;
- Design and implement internal programs for the dissemination of research products aimed at strengthening technical capabilities of staff members through conferences, publications, and seminars in water and sanitation sector;
- Other duties related to the financial and economic context in water and sanitation sector.

(ii) Minimum requirements:

Master's Degree in Water and/or Sanitation Economics, Environmental Policy with Economics, Economics and Business Studies, Water and Sanitation Management, Urban Economics with 1 year of relevant working experience or Bachelor's degree in Water and/or Sanitation Economics, Water and Sanitation Management, Economics with 3 years of relevant working experience.

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(iii) Required competencies and key technical skills:

- Knowledge of Water and Sanitation sector;
- Knowledge of social and environmental issues;
- Knowledge with regard to analysis of Projects feasibility studies;
- Water and Sanitation sector policy analysis and formulation skills;
- Knowledge and experience in economic analysis;
- Knowledge in the use of Excel for modelling and analysis;
- Knowledge of financing of capital-intensive infrastructure projects;
- Highly numerate and with good economic and finance modeling skills;
- Knowledge to interpret financial models and financial proposal reports;
- Judgment and decision making skills;
- Knowledge of financing of capital intensive infrastructure projects;
- Ability to work independently and make mature and proactive decisions informing management;
- Project formulation and funding skills;
- Good at policy formulation, review and analysis;
- Coordination, planning and organizational skills;
- Interpersonal skills;
- Resource Management skills;
- Problem solving skills;
- Decision Making skills;
- Networking Skills;
- Mentoring and Coaching skills;
- High analytical skills;
- Report writing and presentation skills;
- Leadership skills;
- Risk Management skills;
- Digital Literacy skills;
- Performance Management skills;
- Time management skills;
- Team working skills;
- Fluency in English, Kinyarwanda or French; knowledge of all these three (3) languages is an advantage;
- Capacity to work in a multicultural environment
- Ability to work independently and make mature and proactive decisions informing management;
- Should have good working knowledge and experience in operations of water and sanitation systems and funding for the projects

