

JOB DESCRIPTION

Title	Water Supply Technical Specialist
Recruitment	National
Duty station	PSU/Pokhara, Nepal with extensive travel to Project districts
Period	First 4.5 years full-time, 10.5 months
Academic qualifications	Master's degree in water and sanitation, environmental engineering or other relevant discipline
Professional experience	<ul style="list-style-type: none">✓ Minimum 5 years of relevant work experience✓ Extensive experience in planning, implementation, monitoring and evaluation of rural development programmes.✓ Excellent computer skills including MS Excel, MIS systems, databases and GIS mapping✓ Training and facilitation skills✓ Good communication and report writing skills in both English and Nepali
Other skills	Fluency in written and spoken English and Nepali
Duties	<ul style="list-style-type: none">✓ Advice and support WUSCs, VDCs/VWASHCCs and DWASHCCs/D-WASH Unit on the technical planning, implementation and monitoring of the gravity water supply systems, lift systems, rain water harvesting systems, and recharge ponds/other structures.✓ Check the designs and tender documents, and follow up and guide the tender procedure and making improvements for the procedures.✓ Ensure that the technical planning, implementation, monitoring and O&M processes consider principles of GESI and human rights based approach.✓ Verify that the technical planning and design, implementation, post-construction and related technical monitoring consider climate change and disaster risk preparedness dimensions.✓ Develop district and scheme-specific technical knowledge management functions as part of the completion strategy. This includes ensuring that the technical documents are available at both WUSC and district levels, and backed up in PSU.✓ Ensure that all water supply schemes, including both Phase I and Phase II schemes will prepare O&M Plan with Water Safety Plans, and support districts in this as requested.✓ Conduct technical audit of existing systems for improvement and rehabilitation in support of the VDC exit strategies planned by the districts.✓ Formulate a strategy to water quality testing to ensure that the schemes deliver safe water, and support the Tarai districts in operationalizing the model arsenic mitigation strategy.✓ Develop training materials and facilitate training in water supply planning, design, construction, maintenance, quality control, etc.✓ Any other duties as assigned by the supervisor