

Hydrogeological Consultant (50% home based and 50% travel to field missions)

Partner	UN Environment
Job categories	Water Resources
Vacancy code	VA/2017/B5007/12303
Level	ICS-10
Department/office	ECR, GVA, Geneva
Duty station	Home based
Contract type	International ICA
Contract level	IICA-2
Duration	12 months
Application period	15-May-2017 to 25-May-2017

Applications to vacancies must be received before midnight Copenhagen time (CET) on the closing date of the announcement.

Background Information - UNOPS

UNOPS supports the successful implementation of its partners' peacebuilding, humanitarian and development projects around the world. Our mission is to serve people in need by expanding the ability of the United Nations, governments and other partners to manage projects, infrastructure and procurement in a sustainable and efficient manner.

Working in some of the world's most challenging environments, our vision is to advance sustainable implementation practices, always satisfying or surpassing our partners' expectations.

With over 7,000 personnel spread across 80 countries, UNOPS offers its partners the logistical, technical and management knowledge they need, wherever they need it.

A flexible structure and global reach means that we can quickly respond to our partners' needs, while offering the benefits of economies of scale.

Background Information - Job-specific

The purpose of the REACT project is to promote the mainstreaming of environmental sustainability in the UN system, focusing in particular on peacekeeping operations, by supporting the United Nations Department of Field Support (DFS) in their efforts to improve their own environmental and energy performance. Peacekeeping operations are international missions mandated by the UN Security Council to operate in specific countries and parts of countries for specific periods. The operations usually take place in locations with a fragile environment and a serious lack of infrastructure. The environmental footprint of UN Peacekeeping Operations is not benchmarked against any specific standard or other organization but it is considered to have significant room for improvement in a large number of critical areas. UN Peace operations represents over 50% of the current UN system Climate Footprint and as such are instrumental in reaching the UN wide target of Climate Neutrality by 2020 that is demanded by the Secretary General and the UN Chief Executives' Board.

UNEP will act in the role of an in-house technical assistance (TA) team and will provide expertise to support DFS in planning, designing, financing and implementing a range of actions that will cumulatively result in a substantial reduction in the environmental footprint. Within DFS, a primary partner of UNEP will be the Global Support Centre based in Brindisi, Italy. The GSC provides a wide range of engineering, logistical and IT support to missions.

Functional Responsibilities

The purpose of the hydrogeological consultancy assignment is to support DFS and the missions in improving their performance in groundwater resource management and to build the internal capacity to continue to improve over time.

The consultant will be home based and over 50% of the projected work time is expected to consist of travel to missions. Much of the home-based time will be spent writing up trip reports and preparing for the next field trip. The travel will mainly be in the form of 1- 2 weeks assignments to individual peacekeeping missions and include extended time in the field.

The consultant must be prepared to undertake this level of travel to peacekeeping locations. The consultant will be hosted by the peacekeeping missions who will be responsible for providing safety and security.

Limited additional travel will be required to the GSC offices in Brindisi, Italy. UNEP and UNOPS will organize and fund all business related travel, including from the contractor home base.

The scope of the assignment will be divided into two: a) Mission support and b) GSC support on procurement.

Mission support

Visit missions to:

- Contribute in the planning, cost estimating and implementing water supply investment programmes;
- Troubleshoot recurrent equipment and site performance problems;
- Train mission engineering personnel in groundwater resource management;
- Design and complete investigations and lead teams in support of groundwater exploration; undertake field work and site visits for investigative and monitoring purposes;
- Design and commission boreholes, and sampling and measuring groundwater and surface water;
- Undertake environment impact assessments of groundwater abstraction and management activities. Analyse collected information to assess and predict the impact of activities such as landfills, on groundwater quality and resource availability;
- Protecting water supplies from pollution;

Provide follow up through online and telephone helpdesk service. Write technical guidance notes to cover recurrent issues. Review all submitted proposed groundwater project plans. Support mission procurement for water management equipment and services.

Global Support Centre support

- Write reports outlining the experience of the missions and recurrent problems and solutions, including interpreting technical data and information from maps and historical documents to provide appropriate technical guidance.
- Provide technical and practical input to the GSC led global procurement process for standardized equipment, such as: Depth probes and data loggers, Water meters, Downhole pumps and pump power supplies; etc.

Education

Master's Degree in hydrogeology, hydrology or geological or civil engineering is required, Bachelor's degree in combination with 2 years of relevant experience will be considered in lieu of the master's degree.

Experience

- Minimum 5 years of experience in the design, installation, operation of deep groundwater extraction wells and pumping systems is required.
- Experience working in developing countries is highly desirable
- Experience supervising, training technicians and laborers is highly desirable.

Languages

- Fluency in English is required. Good knowledge of French and Arabic is desirable.

Competencies



Treats all individuals with respect; responds sensitively to differences and encourages others to do the same. Upholds organizational and ethical norms. Maintains high standards of trustworthiness. Role model for diversity and inclusion.



Acts as a positive role model contributing to the team spirit. Collaborates and supports the development of others. **For people managers only:** Acts as positive leadership role model, motivates, directs and inspires others to succeed, utilizing appropriate leadership styles.



Demonstrates an understanding of the impact of own role on all partners and always puts the end beneficiary first. Builds and maintains strong external relationships and is a competent partner for others (if relevant to the role).



Efficiently establishes an appropriate course of action for self and/or others to accomplish a goal. Actions lead to total task accomplishment through concern for quality in all areas. Sees opportunities and takes the initiative to act on them. Understands that responsible use of resources maximizes our impact on our beneficiaries.



Open to change and flexible in a fast paced environment. Effectively adapts own approach to suit changing circumstances or requirements. Reflects on experiences and modifies own behavior. Performance is consistent, even under pressure. Always pursues continuous improvements.



Evaluates data and courses of action to reach logical, pragmatic decisions. Takes an unbiased, rational approach with calculated risks. Applies innovation and creativity to problem-solving.



Expresses ideas or facts in a clear, concise and open manner. Communication indicates a consideration for the feelings and needs of others. Actively listens and proactively shares knowledge. Handles conflict effectively, by overcoming differences of opinion and finding common ground.

Additional Considerations

- Please note that the closing date is midnight Copenhagen time
- Applications received after the closing date will not be considered.
- Only those candidates that are short-listed for interviews will be notified.
- Qualified female candidates are strongly encouraged to apply.
- The incumbent is responsible for abiding by security policies, administrative instructions, plans and procedures of the UN Security Management System and that of UNOPS.

It is the policy of UNOPS to conduct background checks on all potential recruits/interns. Recruitment/internship in UNOPS is contingent on the results of such checks.

DISCLAIMER

The screening of your application will be conducted based on the information in your profile. Before applying, we strongly suggest that you review your [UNOPS Jobs profile \(https://jobs.unops.org/pages/User/CreateProfile.aspx\)](https://jobs.unops.org/pages/User/CreateProfile.aspx) to ensure completeness, especially the education and experience sections.

RELEVANT STORIES

- "While the JPO programme was a learning experience for me, I was also able to share my own knowledge and skills with those I supervised later on."

Pierre Jullien

Director And Representative, Côte D'ivoire Operations Centre

- "UNOPS is a results-oriented organization – it therefore pushes me to perform at my best every day."

Mariacarmen Colitti

Senior Partnerships and Liaison Advisor

Read More >>

(<https://www.unops.org/english/Opportunities/Voices/Pages/default.aspx>)