



## Vacancy Announcement

**Job Title:** WASH Assistant (Generator & Solar Technician)- National  
**Band / Level /**  
**Grade:** 9B  
**Department:** Environmental Health  
**Location:** Ajuong Thok  
**Overtime Eligible:** Exempt  
(per local law)



**About IRC:** The International Rescue Committee responds to the world's worst humanitarian crises and helps people to survive and rebuild their lives. Founded in 1933 at the request of Albert Einstein, IRC offers life-saving care and life-changing assistance to refugees forced to flee from war or disaster. At work today in more than 40 countries and in 22 U.S. cities, IRC restores safety, dignity and hope to millions who are uprooted by conflict or disaster. IRC leads the way from harm to home.

IRC has operated in South Sudan for over 30 years now delivering humanitarian relief, post-conflict assistance, and development programs in refugees, internally displaced and host community settings. IRC operates in 9 field offices including in Juba with program portfolio covering health, nutrition, child protection, economic recovery and development (ERD)/livelihoods, women's protection and empowerment and general protection. IRC continues to provide life-saving assistance and humanitarian aid to vulnerable South Sudanese, trying to rebuild their lives and restore peace. The IRC's new strategy in South Sudan will prioritize improving the voice of people to lead their own recovery and development, health, safety, and economic well-being, targeting women, children, and other vulnerable groups.

### **Job Overview/Summary:**

The WASH Assistant Technician is responsible for operation, maintenance and repair of generators and solar systems in Jamjang refugee camps (Ajuong Thok and Pamir) including the surrounding host community within Pariang to ensure continuous supply. The incumbent also heads/leads the team of water technicians who repair and maintain the water supply system.

### **Major Responsibilities:**

- To ensure functionality of generator and solar system through preventive maintenance and repair
- Leads and work with the team of technicians to ensure the overall functionality of water supply system (boreholes, generators, solar, water pipelines and water taps among others)
- Identify, list and request generators and solar spare parts
- Under the supervision of WASH Officer, he/she will be responsible for the following:

### **Specific Duties.**

#### **A. GENERATOR**

- Monitoring gauges and meters to ensure that the generator is operating efficiently
- Performing routine maintenance checks and services on generators, such as oil changes and filter replacements.
- Installing new generators or replacing parts in existing generators to keep them functioning properly.
- Responding to problems with the generator or other electrical equipment as needed.
- Troubleshooting problems with electrical or mechanical equipment to locate the source of the issue.
- Monitoring fuel consumption and ordering additional fuel as needed.
- Repairs electrical faults in generators, alternators, pumps, electric motors, and low voltage switchboards.
- Read and interprets mechanical drawings.
- Installs generator sets ranging from 4 to 100KVA for complete generating stations.
- Inspects maintains and repairs generator sets, and diesel driven pumps.
- Performing scheduled routine maintenance such as observing refueling of generators as well as changing oil and filters
- Responsible for providing lists of alternators, spare parts for diesel engines, control panels and required tools and equipment.
- Perform emergency repairs of generators





- Handle responsibilities of monitoring tools, equipment, and spare parts inventory
- Responsible for ensuring use of spare parts in most effective and productive manner
- Performing any other related duties as assigned from time to time by the supervisor.

## B. SOLAR SYSTEM

- Create or interpret the solar panel installation plans, mapping out the steps of the installation and where all the components will be installed.
- Install, inspect, maintain, and repair solar panel systems, including the solar collectors, concentrators, batteries, pumps, fans, or support structure.
- Weatherproof the solar installation in accordance with local safety regulations and the specifications of the manufacturer.
- Investigate technical failures and prepare formal technical report.
- Design a solar panel system based on donor needs and structural conditions.
- Connect the panels to the electrical system.
- Perform system maintenance.
- Assemble and install the racking, panels, and electrical equipment.
- Activate and test the solar panel system.
- Troubleshoot electrical problems.
- Assessing locations to ensure they are suitable for solar panels.
- Measuring up areas for installation.
- Installing and maintaining solar panels at the borehole sites.
- Connecting solar panels to an electrical system.
- Grounding electrical equipment and checking wiring.
- Adhering to strict health and safety guidelines.
- Performing maintenance checks and fixing solar panels.
- Using a variety of technical equipment and tools.
- In addition to the above listed responsibilities the WASH Assistant will also be responsible for any other duty deemed necessary by the supervisor.



### Key Working Relationships:

**Position Reports to:** Position Reports to: Environmental Health Manager

**Position directly supervises:** None

**Other Internal and/or external contacts:** Environmental Health Coordinator, and Field Coordinator.

### Job Qualifications:

- Education: B. Eng./Diploma. In Mechanical/Electrical.

**Work Experience:** Minimum four years progressive experience in the same field.

### Demonstrated Skills and Competencies:

- Fluency in English and Arabic required
- Ability to work in a hostile environment, ability to work effectively in a team environment, ability to work under fair supervision., able to troubleshoot and analyze data including following various types of process charts, schematics, and single line diagrams.
- Have a good understanding and perception of integrated system and how to apply effect fault finding techniques in such a system.
- Well-organized and responsive in all communications including clear, concise e-mails; adept at writing technical reports and policies, very good written and oral communication skills.
- Good team player; able to balance team and individual responsibilities.
- Able to manage stress and high-pressure situation.
- Able to handle multiple projects, prioritize work and work. Able to manage stress and high-pressure situation.





## The IRC Core Values and Commitments:

**Standards of Professional Conduct:** The IRC and IRC workers must adhere to the values and principles outlined in IRC Way Standards for Professional Conduct. These are Integrity, Service, Accountability and Equality. In accordance with these values, the IRC operates and enforces policies on Beneficiary Protection from Exploitation and Abuse, Child Safeguarding, Anti Workplace Harassment, Fiscal Integrity, and Anti-Retaliation the IRC operates and enforces policies on Beneficiary Protection from Exploitation and Abuse, Child Safeguarding, Anti Workplace Harassment, Fiscal Integrity, and Anti-Retaliation.

**Safeguarding policy:** The IRC has a zero-tolerance policy for safeguarding violations by staff, incentive workers, visitors, sub-grantees, suppliers/sub-contractors, and implementing partners. Safeguarding at the IRC is an integral to the organizational values and ethics, and staff and associates are expected to take all reasonable steps to prevent the sexual exploitation, abuse, and harassment of any person linked to the program by both its employees and any downstream partner. The successful candidate will be subject to a thorough background check and satisfactory references.

**Narrowing the Gender Gap:** The International Rescue Committee is committed to narrowing the gender gap in leadership positions. We offer benefits that provide an enabling environment for women to participate in our workforce including a flexible hour (when possible), maternity leave, transportation support, and gender-sensitive security protocols.

**Equal Opportunity Employer:** IRC is an Equal Opportunity Employer. IRC considers all applicants because of merit without regard to race, sex, color, national origin, religion, sexual orientation, age, marital status, veteran status, disability, or any other characteristic protected by applicable laws.

### **How to apply:**

Interested applicants should submit a **CV with 3 references** and a copy of their **national ID** to Human Resources IRC Ajuog Thok Office or you can e-mail applications to [SS-HR@Rescue.org](mailto:SS-HR@Rescue.org) not later than **2<sup>nd</sup> September 2024 @ 4:30pm**.

**NOTE:** Only shortlisted candidates will be contacted and attach photocopies only while original will be asked at the interview panel and all the photocopies will remain the property of IRC.

**CLEARLY LABEL YOUR APPLICATION, WASH ASSISTANT (GENERATOR & SOLAR TECHNICIAN)  
"WOMEN, MINORTITIES AND PEOPLE LIVING WITH DISABILITIES ARE ENCOURAGED TO APPLY".**

