

TERMS OF REFERENCE

Position: Construction/Electrical Engineer
Locations: Juba with trips to field locations as requested.
Length of contract 12 Months
Application start: 14/10/2025
Application end: 03/11/2025

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Approved
14 OCT 2025
14/10/2025



OVERVIEW OF CTG GLOBAL

CTG staff and support humanitarian projects in fragile and conflict-affected countries around the world, providing a rapid and cost-effective service for development and humanitarian missions. With past performance in 17 countries – from the Middle East, Africa, Europe, and Asia, we have placed more than 20,000 staff all over the world since operations began in 2006.

CTG recruits, deploys, and manages the right people with the right skills to implement humanitarian and development projects, from cleaners to obstetricians, and mechanics to infection specialists, we’re skilled in emergency response to crises such as the Ebola outbreak in West Africa. Key to successful project delivery is the ability to mobilise at speed; CTG can source and deploy anyone, anywhere, in less than 2 weeks and have done so in 48 hours on several occasions.

Through our efficient and agile HR, logistical and operational services, CTG saves multilateral organizations time and money. We handle all our clients’ HR related issues, so they are free to focus on their core services.

Visit www.ctg.org to find out more.

OVERVIEW OF THE POSITION

Purpose of activity / assignment:

The Engineer will be responsible for monitoring all electrical and solar renovation, installation, and maintenance work of UNICEF South Sudan.

Background & rationale:

The organization South Sudan Country Office is currently implementing Health, Education, Child Protection, Nutrition, WASH and Operations construction projects funded by multiple donors, which include, but not limited to the African Development Bank, World Bank, KOICA, Global Partnership for Education, KfW. Construction and renovation work for the organization South

Sudan Country Office are in all ten States and three Administrative Areas. The ability of the Engineering Consultant to provide support to the organization Construction Engineer and WASH Manager, successfully plan and monitor construction activities for the organization Programme and Operations sections, and directly impact on programmatic goals and results for children shall contribute to maintaining and enhancing the credibility of the organization as an effective and responsible manager of funds entrusted to the organization.

Considering that the engineering component of Programmes and Operations form a significant part of the overall outputs, specific construction engineering expertise is required to provide detailed monitoring of the implementation of the construction and renovation activities, provide technical supervision of the engineering contractors, and follow up on corrective actions to ensure the timely and quality implementation of the works. It is therefore proposed to acquire the technical services of two national Construction Engineers for a period of six months to undertake the noted functions.

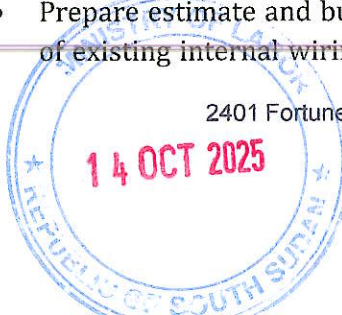
Scope of Work

Under the direct supervision and guidance of the organization Construction Engineer and WASH Manager, the incumbent will be responsible for supporting coordination and monitoring all construction projects in all states of South Sudan including the organization offices both in Juba and Field Offices and providing technical support on managing construction and renovation activities.

GENERAL FUNCTIONS

Main Duties and Responsibilities

- Prepare technical documents related to electrical and solar (design drawings, technical specifications, and bills of quantities); and verify whether they are clear and complete and satisfy the requirement with relevant programme requirements.
- Check third-party prepared technical documents related to electrical and solar (design drawings, technical specifications, and bills of quantities); verify whether they are clear, complete, and compliant with programmatic and Organization needs, eco-efficiency, and accessibility requirements.
- Support in the kick-off meeting of electrical works projects with the company, the engineering firm, and relevant government counterparts.
- Provide close monitoring on solar, electrical and relevant construction activities by undertaking regular site visits and conducting regular technical meetings, including joint monitoring with relevant Government technical services; follow up progress for each activity per milestones and review site supervision reports to ensure work compliance with norms, standards, and timeline; verify quality and precautions on health and safety standards on the ground.
- Identify the most appropriate requirement coordinating with Administration, Security, Construction, and ICT to effectively operate the Organization compounds and recommend for implementation.
- Prepare estimate and budget for the additional requirements, renovation, and modification of existing internal wiring, external wiring, generator & solar power system, and submit to



- the operations for rehabilitation, renovation, and upgradation of Organization compounds.
- Periodically visit Organization field offices, check the existing wiring system and power sources, and recommend the appropriate action and implementation.
 - Use effective monitoring and supervision tools to easily ensure assessment of work quality, progress, and performance of engineering firms and contractors during the entire duration of the project; apply a multi-layered approach to supervision and quality assurance; use documented hold and inspection points, where applicable.
 - Participate in the partial, substantial, and final reception of works after verifying the correction of all defects during the Defects Liability Period.

Expected results/ Key function, accountabilities, and related duties/tasks:

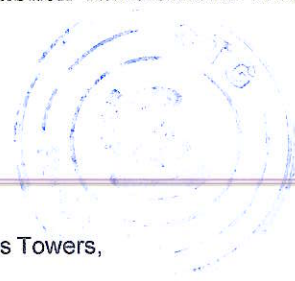
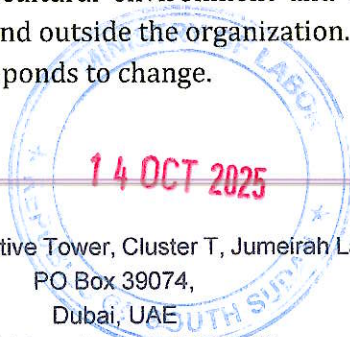
The consultant will present a monthly report detailing the activities undertaken and delivered during the contract period.

- The engineer will study the existing power sources and internal and external wiring systems and prepare complete data based.
- The engineer will study the existing electricity power requirement, the required modifications and rehabilitation and prepare plans for future development for country office and field offices.
- The engineer will monitor and confirm that the existing electrical maintenance company carries out maintenance to the acceptable standard
- The engineer will review requirement, modification and additional work requested by the maintenance company including materials specification, price and availability and certify for further action.
- The engineer will review the new projects' electrical requirement and support sections to prepare appropriate budget
- The engineer will guide the consultancy firms to prepare appropriate estimates, review and certify for the project implemented by programs.
- The engineer will support the Construction unit to prepare terms of reference for electrical components of the projects, participate in pre-bid meetings, participate in bid evaluation, and supervise the implementation of the projects.

Knowledge/Expertise/Skills required:

- Minimum 5 years' relevant experience.
- Good analytical and negotiating skills.
- Ability to communicate properly both in writing and speaking with management and construction workers.
- Ability to prepare elaborate and precise reports
- Ability to supervise and direct a team of professional and support staff working on construction projects.
- Ability to work in a multicultural environment and establish harmonious working relationships, both within and outside the organization.
- Fast learner, adapts and responds to change.

Geographical Experience



Very Important

ESSENTIAL EXPERIENCE

Education: Bachelors

Recognized university degree in electrical engineering or a similar discipline.

Experience:

- Minimum 5 years' experience in electrical installation and maintenance of large office compounds, working with a minimum of 100 staff.
- Minimum 5 years' experience in solar power system design and maintenance for more than 150 KW
- Minimum 5 years of working experience in South Sudan or countries with similar contexts to South Sudan

Project reporting:

- This role will work under the organization construction engineer.

Team management:

- This role has no team management responsibility.

Languages:

- Fluency in English both verbal and written and the main local language used.

Shortlisted candidates will be contacted for an interview, please share your CVs only.

- **Qualified female candidates are encouraged to apply for this role.**

In order to apply for this role please send your CV and Cover letter most preferably by email to the address: southsudan@ctg.org

Please make sure the subject of your email states "CONSTRUCTION/ELECTRICAL ENGINEER."

Please also apply via our HR tool TAYO via the link provided <https://app.tayohr.io>

IMPORTANT REQUEST

For hard copy deliveries kindly include position applied for on the envelope.

