



Terms of Reference

Inspection of the PV Solar Energy Power in Wau and Torit Blood Bank Facilities

Organizational Background

The South Sudan Red Cross (SSRC) is one of the 192 National Societies worldwide and was founded on the eve of South Sudan independence in 2011. The SSRC is a volunteer-based humanitarian society and works as auxiliary to the public authorities in the humanitarian field. Based on the Statutes of the International Red Cross and Red Crescent Movement, the SSRC was established through an Act of Parliament on 9th March 2012.

SSRC was formally recognized by the International Committee of the Red Cross (ICRC) on 18 June 2013 and in November 2013 the SSRC was admitted into the International Federation of Red Cross and Red Crescent Societies. SSRC's headquarters is based in Juba with a total of (21) branches and a growing network of units. There are currently over 230 SSRC staff members across the country and approximately 14,000 volunteers across the country.

The society's work is guided by seven fundamental principles (Humanity, Impartiality, Neutrality, Independence, Voluntary Service, Unity and Universality) and by Strategy 2030 of the IFRC, which voices our collective vision and determination to move forward in tackling the major challenges that confront humanity in the present decade. All our staff MUST abide by and work in accordance with the Red Cross and Red Crescent principles

SSRC through funding support from the Swiss Red Cross (SRC) supports the National Blood Transfusion Services (NBTS) of the Ministry of Health with the blood donor recruitment project towards the goal of achieving 100% voluntary non-remunerated blood donation in accordance with the global requirement for sustainable supply of adequate and safe blood. In this endeavor, SSRC has expanded its blood donor project from Juba to Wau and Torit blood bank facilities. The requirements of the collected blood are that it should be screened for transfusion transmitted infections of viral and bacteriological aetiology, stored in cold chain, and distributed accordingly as per doctors' prescription. To this end, it is required that blood is stored in cold chain for 24 hours and throughout before it is dispatched for transfusion in hospitals.

Project Background

South Sudan Red Cross (SSRC) in collaboration with the State Ministries of Health (SMOH) in Wau and Torit implements a blood donor programme to support the National Blood Transfusion Services in South Sudan. This project involves systematic recruitment of voluntary blood donors and collection of blood from the donors for transfusion in hospitals. This collected blood needs to be stored under regulated temperature conditions throughout storage to be safely transfused.



As part of this project, an energy firm has been contracted by the SSRC to supply and install solar PV power system in designated blood bank facilities named above. After installation, this needs to be commissioned as per the terms of the Request for Tenders (RFT) and associated contract conditions.

Purpose of the assignment

The main objectives of this assignment are:

- 1) To undertake inspection of installed solar power at designated blood bank facilities.
- 2) To compile and submit a comprehensive report on solar power system demonstrating that the supplier has complied with requirements of contract as specified regarding the supply and installation of PV solar power system in Wau and Tort blood bank facilities.

Scope of the Assignment

SSRC seeks to solicit expression of interest from interested energy consultant to undertake inspection of newly installed solar PV power system in Wau and Torit blood banks respectively.

Expected Outputs and Deliverables

- Develop checklist and carry out inspection of the newly installed solar system; necessary documents will be provided to assist in developing a responsive checklist for inspection.
- Compile a comprehensive inspection report and submit accordingly.

Expected Outputs and Deliverables

The report will be submitted in draft (for comments), then in final version. The report needs to be submitted in five (5) working days following field assessment, both in hard copy and soft copy.

Reporting Requirements and Time Schedule for Deliverables

- The Project Coordinator will be responsible for coordination of the work schedules during this assignment. All reports related to this work will be received and reviewed by the Project Coordinator, and will further share them with project team for collective feedbacks and comments;
- The deliverables should be of high quality in form and substance and with appropriate professional presentation;
- The Consultant should fully comply with the requirements of SSRC in terms of content and presentation and respect SSRC's fundamental principles, since unsatisfactory performance may result in termination of contract;

All deliverables shall be duly submitted in appropriate formats –in MS Word and PDF as requirement of the Client (SSRC) to the following address:

Billing Matters and Queries: Hillary Manase, Logistics Officer
SSRC National Headquarters, P. O. Box 558, Juba
Official email: tenders@ssdredcross.org and copy to hillary.manase@ssdredcross.org



Technical Matters: Angelo Ngor, Project Coordinator
SSRC National Headquarters, P. O. Box 558, Juba
Official email: angelo.ngor@ssdredcross.org

Duration of Work

The consultant will be required to undertake this assignment within a maximum of ten (10) working days from the date of signing the contract with the SSRC. This is inclusive of final report.

Qualifications of Individual Contractor

The Consultant should preferably have a degree and appropriate certification in solar power, renewable energy, and/or electrical engineering. The Consultant should preferably have relevant professional experience of 6 years or more, and at least 6 years' experience in developing and implementing solar power plants including solar resource assessments. Technical expertise in inspection service relevant to this assignment is highly desired.

Scope of Price Proposal and Schedule of Payments

The financial offer should be presented in clear breakdown of costs, all-inclusive (professional fee, travel cost, per diem, etc.). In general, SSRC will not accept any travel cost that exceeds an economy class ticket. Should the Consultant wish to travel on higher cost, he or she should do so using their own resources.

The contract price is fixed regardless of changes in the cost components. In the case of unforeseeable travel (additional mission for example), payment of travel costs including tickets, accommodation and other expenses should be agreed upon prior to travel between SSRC and Individual Consultant and will be reimbursed accordingly.

The consultant shall be remunerated based on the SSRC financial procedure and contract conditions. Payments will be effected based on the deliverables as per above. Consultant will be paid 100% after delivering the service as per the institutional financial policy.

Recommended Presentation of Offer

The following documents are requested:

- **Letter of confirmation** of interest and availability;
- **Personal CV or resume**, indicating all past experience from similar assignments, as well as contact details (email and telephone number) of candidate and at least three (3) contactable professional referees;
- **Technical offer: brief description** of why the individual considers him/herself as the most suitable for the assignment, and a methodology on how they will approach and complete the assignment;
- **Financial proposal** that indicates the all-inclusive fixed total contract price, supported by a breakdown of costs.



Criteria for Selection of Best Offer

Individual Consultant will be evaluated based on the following methodology:

Cumulative Analysis

When using weighted scoring method, the award of the contract should be made to the Individual Consultant whose offer has been evaluated and determined as:

- Responsive/compliant/acceptable, and
- Having received the highest score out of a predetermined set of weighted technical and financial criteria specific to the solicitation.

Candidates scoring a minimum of 70% of the maximum marks on the above criteria will be short-listed.

The financial offers will be evaluated giving the lowest price proposal 30 marks and marking the other more expensive proposals reverse proportionally to the cheapest offer.

The final scoring of short-listed candidates will take into account the technical score and financial score:

Criteria	Weight	Maximum Score
Technical proposal	70%	70
Financial proposal	30%	30
Total Score	100%	100

Annex: A

Short-list Criteria

Criteria	Max. Point	Bidders Score
Relevant educational background	10	
Relevant technical experience in solar power	15	
Experience in renewable energy sector	15	
Experience in conducting energy assessment and tender preparation	20	
Suitability of technical approach	15	
Experience in dealing with the government owned utilities companies	15	
Experience of working with international funding agencies	10	
Total Maximum Scores	100	

Submission of Offers

If you qualify, please send CVs/resumes of your responsible personnel, technical proposal detailing methodology, work plan and budget along with Company's profile. All requested documents specified above should be sent to: tenders@ssdredcross.org and copying hillary.manase@ssdredcross.org and angelo.ngor@ssdredcross.org with subject line: **TOR_ Inspection of the PV Solar Energy Power in Wau and Torit Blood Bank Facilities**

OR



Submit sealed envelopes with same subject line above to the South Sudan Red Cross Headquarters at reception box at the following address: Munuki Area, Block 4, Block Ministries.

Please note, the evaluation team reserves the right to accept or reject any proposal received without offering explanations and or justifications whatsoever, and/ or deficient in requirement and is not bound to accept the lowest or the highest bidder.

Deadline for submission is on 8 February 2022 before close of business at 4:00 pm.

