

## PEACE CORPS

### Overseas Request for Quotation (RFQ) for Guard Shack and Booth

RFQ Number: 635-23-017

Date: September 18 Through 29<sup>th</sup>, 2023

Peace Corps/The Gambia has a need for to design and install an upgrade from an existing GIRD and diesel generator to a hybrid photovoltaic electric power system which will source energy from a diesel generator, GIRD, Solar Panels, and utility service provider (EDSA) to charge batteries that will fully power the main office's energy requirements overnight. The energy system will be set up at the Peace Corps office building located Bijilo on the road to Lemon Crick Hotel. Design, installation, labor, warranty, and maintenance of all supplies comprising the system is required.

Peace Corps is soliciting fixed-price quotations from you and several of your competitors for the supplies and/or services detailed below.

If you are interested in submitting a quotation, please do so by sending your completed and signed Attachment 1—Vendor Quotation Form via e-mail to: [gm-announcements@peacecorps.gov](mailto:gm-announcements@peacecorps.gov)

Quotations are due no later than 12 noon on Friday, 29<sup>th</sup> September 2023. Late quotations will not be considered.

Written questions about this Request for Quotation (RFQ) may be sent via e-mail address listed above in advance of the RFQ due date. No phone calls please.

Peace Corps will evaluate all quotations received by the deadline based on the minimum requirements and/or evaluation factor(s) shown below. Contingent on the availability of funds and continued need for the supplies and/or services, at the end of the evaluation process, Peace Corps intends to award a firm-fixed-price contract for the purchase of the required supplies and/or services to the selected vendor.

#### **A. Statement of Work/Description of Requirements**

The Peace Corps main office building at Bijilo along Lemon Crick Hotel Road, is roughly a 4 Acre property and will be powered by 1 separate 150 KVA diesel generators and GIRD. The scope of this project is to:

Provide services to design and install a hybrid photovoltaic electric power system which will source energy from GIRD by NAWEC, diesel generators and Solar, to charge batteries that will fully power the main office's energy requirements overnight – estimated at 150 KVA. More specifically the contractor shall provide all labor, equipment, and materials necessary to perform the following tasks:

The solar Energy should accommodate 12 Air Conditioners of which 6 are of 9000BTU, 3 are 12000BTU and 3 are 18000BTU. It will also include Refrigerators, Security lights, and other security devices. Therefore, a 150KVA or more is needed for the solar project.

- a) Design and install a grid tie solar power system which includes photovoltaic modules, DC/AC inverters, connecting to the NAWEC GIRD, Generator which is already existing at the office.
- b) Based on the size of the room where batteries are to be installed, the scope should include provisions for one to three 50 KVA inverter with the supporting battery bank(s). Proposals shall include the maximum generating capacity of the 50 KVA system(s) – measured in KVA, and an estimate of the amount of energy that the system produces on an annual basis.

c) Install the approved hybrid solar power system. This shall include installation of all designed components to include batteries; electrical components, installation, and labor; and any other component and installation needed to provide a complete and operable working system. Provide and supply all Operation and Maintenance Manuals, as-built drawings and hands-on training needed for on-site staff to operate and maintain the system in a safe and efficient manner.

d) For the purpose of this contract, Peace Corps is requesting potential vendors to price out the supplies needed, installation inclusive of labor for each of the Options below. Note: Peace Corps reserves the right to select any combination of the options below without fully committing to all the options during this contract period.

	<b>Solar Power</b>	<b>QTY</b>	<b>Unit Price</b>	<b>AMT</b>
001	• Inverter. Technically Acceptable Brands include Schneider, SMA Sunnyboy, Fronius, Growatt, Victron and Dyer.	3		
002	• Batteries – Maintenance Free AGM or Lithium. Technically Acceptable Brands include Deka, Rolls, Fullriver, Panasonic or Lithium LG, Fronius, Sonnen, Tesla and Wecco	80		
003	• Voltage Configuration box. Technically acceptable brands include wecco, sonnen, and tesla	1		
004	• Information and Communication adapters	1		
005	• Deco for Information and Communication	1		
006	• 450 to 500 watts/24V solar panel modules. Technically acceptable brands.	200		
007	• Consumer boxes	3		
008	• 150 KVA Automatic Voltage Regulator (AVR) Technically Accepted	2		
009	• Solar Cables Technically required acceptable from 6- 10mm	200m		
010	• Mounting frames for frames for both Solar and batteries	50units		
011	• Various Connectors for solar	70		
012	• Charge Controllers for both Gird, Solar and Generator charges (100A or more	20		
013	• Combiner Solar Boxes	6		
014	• Battery Cables	250m		
015	• Engineering and Installation			
016	• Aligning the solar power into our office GIRD and battery Backup			
	<b>GRAND TOTAL</b>			

#### **B. Place of Performance**

(Khamsys Technologies LTD, Bijilo, The Gambia)

#### **C. Contract Terms and Conditions**

As an Agency of the United States Government, Peace Corps has an approved contract template that it intends to use for the award. Peace Corps reserves the right to deny making a contract award to a vendor should they refuse to sign the Peace Corps approved contract template.

#### **D. Minimum Criteria:**

A quotation will not be considered further if it does not meet the following minimum criteria:

- It is complete and is received by the specified deadline.
- Brand names of batteries and invertors should be any of the technically acceptable brands listed in Statement of Work (above)
- Vendor should be willing to accept payment by Electronic Funds Transfer (EFT).

**E. Evaluation Factors:**

Quotations that meet the minimum criteria listed above may be further evaluated based on the following factors:

- Price
- Delivery time
- Previous experience in similar projects – Please provide 02 references.
- Readiness to start as soon as possible.
- Capacity to Fund the entire construction work without asking PC for advance payment.
- Shelf-Life of batteries and inverters
- Warranty of batteries and inverters

Award may be made with or without negotiations between the Peace Corps and the selected vendor. Award may be made to a vendor that provided the lowest priced technically acceptable quotation, or to a vendor other than the one that provided the lowest priced quotation, should that vendor be determined to have provided the best value quotation to the Peace Corps taking technical and cost factors into account.

All vendors that submit quotations in response to this RFQ will be notified of the results.

[End of RFQ]

**ATTACHMENT 1 – VENDOR QUOTATION FORM**

RFQ Number: 635-23-017

Vendor:

Authorized Representative:

Name:

Position/Title:

Phone Number:

E-mail Address:

Quoted Prices (Inclusive of Administrative and/or Overhead Costs)

	<b>Solar Power</b>	<b>QTY</b>	<b>Unit Price</b>	<b>AMT</b>
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002	• Batteries – Maintenance Free AGM or Lithium. Technically Acceptable Brands include Deka, Rolls, Fullriver, Panasonic or Lithium LG, Fronius, Sonnen, Tesla and Wecco	80		
003	• Voltage Configuration box. Technically acceptable brands include wecco, sonnen, and tesla	1		
004	• Information and Communication adapters	1		
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006	• 450 to 500 watts/24V solar panel modules. Technically acceptable brands.	200		
007	• Consumer boxes	3		
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016	• Aligning the solar power into our office GIRD and battery Backup			
	<b>GRAND TOTAL</b>			

Items/Services Included in Total Quoted Price Above but Not Indicated in Chart:

Quoted Work or Delivery Schedule (If Any):

Quoted Payment Terms:

Quoted Warranty Terms (If Any):

Quoted Additional Terms and/or Conditions:

Describe your company's current staffing structure and describe in detail your company's plan for providing qualified individuals to fulfill this requirement and providing supervision of your staff members assigned to work at the Peace Corps.

**SUPPLIER AUTHORIZED REPRESENTATIVE**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_