

**Request for Quotation (RFQ) for the supply and installation of**

**solar systems in 13 facilities**

**SK-P-1464\_1465**

# About GOAL

Established in 1977, GOAL is an international humanitarian and development agency committed to working with communities to achieve sustainable and innovative early response in crises and to assist them to build lasting solutions to mitigate poverty and vulnerability. GOAL has worked in over 60 countries and responded to almost every major humanitarian disaster. We are currently operational in 13 countries globally. For more information on GOAL and its operations please visit <https://www.goalglobal.org/>.

GOAL has been working in Sudan since 1985, towards ensuring the poorest and most vulnerable in Sudan and those affected by humanitarian crises have access to the fundamental rights of life, including but not limited to adequate shelter, food and livelihoods, water and sanitation, nutrition, healthcare and education. GOAL implements a range of multi-sectoral development, resilience, recovery and humanitarian responses programmes by being sensitive to cross-cutting issues including gender, accountably, child protection, and HIV/AIDS.

# Timelines

|  |  |  |
| --- | --- | --- |
| **Line** | **Item** | **Date, year, time, and time-zone**  |
| 1 | RFQ published  | 30 November 2021 |
| 2 | Closing date and time for receipt of quotations | 19 December 2021 10:00 AM Sudan time  |
| 3 | Contract award forecast | 22 December 2021 estimated  |

# Supply Requirement

GOAL invites prospective suppliers to submit their quotation for the supply and installation of solar systems in the following areas at GOAL operated Health Facilities:

* 2 in Habila locality (Altaital and Fayo)
* 3 in Talodi locality (Almatar, Daralasalam and Alradeif)
* 5 in Abokarshola locality (Almagafal, Alrokab, Alhegair, Mabsot and Khor Aldalaib)
* 3 in Rashad locality (Tortang, Debaiker and Koualmango)

The contractor should be able to, and have the capacity to, provide materials and the required skilled and un-skilled labour, equipment and tools to construct and install the solar system within the time frame specified in work plan.

Any change or amendment on the specified works, BoQ and designs this should be discussed and agreed with GOAL site engineer in advance and on writing

**Materials/Equipment to be supplied by Contractor**

All materials/equipment that must be provided by the Contractor, unless otherwise specified, shall include but not limited to, installation of complete solar power system to operate cooling and freezing room. The system includes supply and install solar panels, steel structure, dry batteries, invertor - as specified in the BoQ.

All materials and equipment supplied locally by the Contractor shall be of the best quality in their class and of the respective kinds as described in the contract and in accordance with the “Supervisor’s” instructions and to the satisfaction of the GOAL Engineer. They shall be inspected from time to time at the site during the progress of the work.

Any materials arriving on site found unsuitable shall be rejected. The Contractor shall replace the rejected material at his own expense.

**Safety**

All electrical installations shall take account of the need to protect the beneficiaries from the danger of electric shock. Any installation which the Engineer considers dangerous shall be immediately removed. No access to bare or live wires shall be possible. All fittings shall be installed so as to be out of normal reach of adults except power sockets and light switches.

**Wiring**

The Contractor shall supply samples of the wire to be used for the various elements of the electrical system for approval prior to starting works. No deviation from the quality of the samples shall be permitted.

All wires shall run in straight, parallel lines, and be fastened at 1m intervals and at all changes of direction. Untidy or loose wiring shall be re-done at the contractor’s expense.

**Electrical Components**

All electrical components shall meet be to approval of the GOAL Engineer and as specified on BoQ.

**Connections**

All electrical connections shall be made in a junction box. No connections shall be made by twisting wires together.

**Quality of Materials**

The GOAL Engineer shall check the quality of all materials delivered to site. Any materials which do not meet the minimum standards shall be rejected. Such materials shall be removed from site and replaced at the Contractors expense with materials of the required quality. Contractor is responsible for his own quality control and shall provide competent personal for supervising his works.

# Terms of bidding

GOAL, acting in its capacity as Contracting Authority, invites bidders from suitably qualified interested parties that wish to participate for the supply and installation of solar systems.

This competition is being conducted under GOALs Request for Quotation procedure. The Contracting Authority for this procurement is GOAL.

### Any queries about this RFQ should be addressed in writing to GOAL via email on procurement.sudan@sd.goal.ie. Please include the reference number **SK-P-1464\_1465** and words “clarification required” in the subject line.

# Conditions of Quotation Submission

### Quotations must be completed in English.

### Bidders must respond to all requirements set out in this RFQ and complete their offer in the format requested in Appendix 1.

### In the event of a contract being awarded to a bidder that has knowingly withheld relevant information or otherwise misled GOAL in the evaluation process in any way, then that contract will be rendered null and void

### Any conflicts of interest involving a tenderer must be fully disclosed to GOAL particularly where there is a conflict of interest in relation to any recommendations or proposals put forward by the tenderer

### GOAL is not bound to accept the lowest, or any bid submitted and can terminate this competition at any stage.

### Information supplied by respondents will be treated as contractually binding.

### Unsuccessful bidders will be notified.

### GOAL’s standard payment terms are by bank transfer within 30 days after satisfactory implementation and receipt of documents in order.

### This document is not construed in any way as an offer to contract

### GOAL and all contracted suppliers, and their subcontractors, associates or partners must act in all its procurement and other activities in full compliance with donor requirements and the highest ethical standards.

### **Terrorism and Sanctions:** GOAL does not engage in transactions with any terrorist group or individual or entity involved with or associated with terrorism or individuals or entities that have active exclusion orders and/or sanctions against them. GOAL shall therefore not knowingly purchase supplies or services from companies that are associated in any way with terrorism and/or are the subject of any relevant international exclusion orders and/or sanctions. If you submit a bid based on this request, it shall constitute a guarantee that neither your company nor any affiliate or a subsidiary controlled by your company are associated with any known terrorist group or is/are the subject of any relevant international exclusion order and/or sanctions. A contract clause confirming this may be included in an eventual purchase order based on this request.

# Submission of Quotations

Quotes must be delivered in one of the following ways:

**Hand delivered to:**

* Procurement team. GOAL Khartoum HO: House No: 227, Block No: 65, Arkawit, Khartoum, Sudan - Telephone: 0183 248076/520393/520393.
* Envelopes may be sent through postal or courier services or delivered by hand; and will be accepted during normal working hours (between 8:00 hours to 16:00 hours) for the country of submission. Please note that the GOAL office will not be open during weekends or public holidays.

The quotation envelope must be labelled with your company name and the reference “**Quotation for SK-P-1464\_1465**”

**Email** to procurement.sudan@sd.goal.ie and in the subject field state:

1. **SK-P-1464\_1465 Solar Systems**
2. **Name of your company with the title of the attachment**
3. **Number of emails that are sent e.g. 1 of 3, 2 of 3, 3 of 3.**

(Proof of sending does not equal proof of receipt. GOAL is not responsible for any technical faults that may prevent reception of your email.)

**Important:** Offers transmitted in any other manner or offers received after the deadline date and time will not be considered.

All responses will be opened by the GOAL Procurement Committee and all Bidders will be notified of the results.

# Submission checklist

|  |  |  |
| --- | --- | --- |
| **Line** | **Item** | **Tick attached**  |
| 1 | This RFQ document filled in and signed – pages 7 to 9 |  |
| 2 | Appendix 1 BOQ filled and signed – pages 10 to 13  |  |
| 3 | Appendix 2 BOQ filled and signed – pages 14 to 18  |  |
| 4 | Appendix 3 Standard GOAL Terms and Conditions signed |  |
| 5 | Company Trade Registration document  |  |
| 6 | Tax Clearance Certificate or Tax Registration Certificate  |  |
| 7 | At least TWO WORK EXAMPLES to show previous experience of supplying and installing solar systems of a similar specification\*. The contract completion certificate must be provided by a previous contracting company of the bidder. \*Please note that a past contract does not show proof of works completed to a satisfactory level. |  |
| 8 | CV and qualification certificate of Electrical Engineer with solar experience that will be managing these works |  |

# Eligibility, Qualification and Evaluation Process & Award Criteria

The first phase of evaluation of the responses will determine whether the tender meets the preliminary eligibility criteria. These are:

### **Administrative instructions:**

* Bid submission by the deadline.
* Submission of all supporting documents as outlined above in section 7.
* All costs must be quoted in **USD.**

Bidders not conforming to the administrative instructions may have their bids disqualified at this stage, and therefore would not progress to the next stages.

## Essential Criteria

* Has ability to access all locations
* Technical staff must be technically capable to install solar systems as shown by the CV and certifications of the Electrical Engineer that will be working on this contract

The second stage of the evaluation will involve an assessment of the bidders’ personal and legal circumstances, economic and financial standing, and technical capacity to fulfil the obligations of the Request for Quotation.

Each proposal that conforms to both of the above stages will then be evaluated according to the following Award Criteria. Any bids that do not conform to both of the above stages will be rejected at this stage.

## Award Criteria

Bidders will be awarded marks under each of the award criteria listed in this section to determine the most economically advantageous tenders.

|  |  |  |
| --- | --- | --- |
|  | Criteria  | Maximum awarded marks  |
| 1 | Length of warranty on system (repairs/ maintenance included for any issues with the system following its installation) | 10 |
| 2 | Lead time (number of WEEKS from signing the contract until delivery and full installation at GOAL sites)  | 10 |
| 3 | Previous experience with proof of contract completion certificates of supplying and installing solar systems of a similar specification  | 25 |
| 4 | Level of experience of qualified technical staff with relevant experience with proof from CV and certified qualifications  | 15 |
| 5 | Price | 40 |

Marks for price will be awarded on the inverse proportion principle:

Scorevendor = maximum score x (pricemin / pricevendor)

# Company information – these sections MUST be completed

|  |  |
| --- | --- |
| Name  |  |
| Company Name |  |
| Address |  |
| Registration Number  |  |
| Telephone |  |
| E-mail address |  |
| Website address |  |
| Year Established |  |
| Legal Form. Tick the relevant box | o Companyo Partnershipo Joint Venture | o Other (specify): |
| VAT Number (where applicable) |  |
| Tax registration number (if different to VAT number) |  |
| Directors names and titles |  |
| Please state name of any other persons/organisations (except tenderer) who will benefit from this contract. |  |
| Parent company |  |
| Ownership |  |
| Do you have associated companies? Tick relevant box. If YES – provide details for each company in the form of additional tables in this format.  |
| oYes oNo |
| Provide details of contracts of a similar nature carried out in the last two years (please state customer name, delivery location, value of contract, and dates) |  |
| Provide details of any applicable Quality Assurance certificates or qualifications your company or employees have:  |  |
| A statement of overall turnover and turnover in respect to the goods and services offered under the proposed agreement for the last three years as per the following table: |
| **Year** | **Offered Goods Turnover USD** | **Overall Turnover USD** |
| **2020** |  |  |
| **2019** |  |  |
| **2018** |  |  |

|  |
| --- |
| Please include at least 2 (two) references who may be contacted on a confidential basis to verify satisfactory execution of contracts: |
| Reference 1 |
| Name |  |
| Organisation |  |
| Address |  |
| Phone |  |
| Fax |  |
| Email |  |
| Nature of supply |  |
| Approximate value of contract |  |
| Reference 2 |
| Name |  |
| Organisation |  |
| Address |  |
| Phone |  |
| Fax |  |
| Email |  |
| Nature of supply |  |
| Approximate value of contract |  |

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| By submitting an offer under this request for quotation **SK-P-1464\_1465** the bidder hereby asserts that the following statements are correct at the time of submission; and further undertakes to inform GOAL of any changes in status of these matters.  |
| The bidder is not bankrupt or is being wound up, neither are its affairs are being administered by the court nor has entered into an arrangement with creditors or has suspended business activities or is in any analogous situation arising from a similar procedure under national laws and regulation.The bidder is not the subject of proceedings for a declaration of bankruptcy, for an order for compulsory winding up or administration by the court or for an arrangement with creditors or of any other similar proceedings under national laws and regulations.Neither the bidder, a Director or Partner, has been convicted of an offence concerning his professional conduct by a judgement which has the force of res judicata nor been guilty of grave professional misconduct in the course of their business.The bidder has fulfilled all its obligations relating to the payment of taxes or social security contributions in Ireland or any other state or country in which the tenderer is located or doing business. Neither the bidder, a Director or Partner has been found guilty of: fraud, money laundering, corruption; convicted of being a member of a criminal organisation; nor of serious misrepresentation in providing information to a public buying agencyThe bidder has not contrived to misrepresent its Health & Safety information, Quality Assurance information, or any other information relevant to this application.That all data subjects have specifically consented to the use and storage of their data by GOAL for the purpose of analysing the offers and awarding a contract under this tender; and further understood that the personal data may be shared internally within GOAL and externally if required by law and donor regulations; and may be stored for a period of up to 7 years from the award of contract. |

**Location access**

**By ticking these boxes I can confirm that this company can access the following locations**

|  |  |  |
| --- | --- | --- |
|  | **Locality**  | **Tick to confirm access**  |
| **1** | Habila locality (Altaital and Fayo) |  |
| **2** | Talodi locality (Almatar, Daralasalam and Alradeif) |  |
| **3** | Abokarshola locality (Almagafal, Alrokab, Alhegair, Mabsot and Khor Aldalaib) |  |
| **4** | Rashad locality (Tortang, Debaiker and Koualmango) |  |

**Length of warranty**

|  |  |
| --- | --- |
| **Please state number of years warranty of the systems installed** |  |

**Lead time**

**Please state lead time in weeks. You must have the capacity to run these projects at the same time.**

|  |  |  |
| --- | --- | --- |
|  | **Locality**  | **Lead time in weeks**  |
| **1** | Habila locality (Altaital and Fayo) and Talodi locality (Almatar, Daralasalam and Alradeif) |  |
| **2** | Abokarshola locality (Almagafal, Alrokab, Alhegair, Mabsot and Khor Aldalaib) and Rashad locality (Tortang, Debaiker and Koualmango) |  |

**I confirm that my bid has a validity of 90 days. *If your bid does not have this validity, please state what bid validity you offer.***

I confirm that the proposal and the costs provided to accompany it are an accurate reflection of the costs that will be charged to GOAL according to the information provided in this request for quotation; and that there are no other costs associated with using the service that my company offers. I also confirm that I have the authority to sign on behalf of the company that is bidding.

|  |  |
| --- | --- |
| Signed: |  |
| Print name:  |  | Position: |  |
| Company Name: |  | Date: |  |
| Address: |  |

**Appendix 1: BOQ SK-P-1464**

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| **1- Habila PHCs** |
| Installation of Solar system to convert 2 ceiling fans and 2 lamp in Fayo PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  |
| 3 | 4 | pcs | Batteries  | Supply batteries 120Am and connected with solar system |   |  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 48 Volts; 30 Amps) |   |  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  |
| **Sub-Total**  |  |
|  Installation of Solar system to convert 2 ceiling fans and 2 lamp in Altaital PHC.  |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing 2 solar panels 250 and install it with existing 2 solar panels 150 W to convey 1 fridge as unit , 2 ceiling fans and 2 lamp with all requirement. |   |  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  |
| 3 | 4 | pcs | Batteries  | Supply batteries 120Am and connected with solar system |   |  |
| 4 | 1 | pcs | Invertors | Provision and install inventor 500 W to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 12Volts; 30 Amps) |   |  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  |
| **Sub-Total**  |  |
| **Total cost**  |  |
|  |  |  |  |  |  |  |
| **2- Talodi PHCs** |
| Installation of Solar system to convert 2 ceiling fans and 2 lamp in Alradeif PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  |
| 3 | 4 | pcs | Batteries  | Supply batteries 120Am and connected with solar system |   |  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 48 Volts; 30 Amps) |   |  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  |
| **Sub-Total**  |  |
|  Installation of Solar system to convert 2 ceiling fans and 2 lamp in Daralsalam PHC.  |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  |
| 3 | 4 | pcs | Batteries  | Supply batteries 120Am and connected with solar system |   |  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 48 Volts; 30 Amps) |   |  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  |
| **Sub-Total**  |  |
| Installation of Solar system to convert 2 ceiling fans and 2 lamp in Almatar PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  |
| 3 | 4 | pcs | Batteries  | Supply batteries 120Am and connected with solar system |   |  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 48 Volts; 30 Amps) |   |  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  |
| **Sub-Total**  |  |
| **Total cost**  |  |
|   |  |  | Contractor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--- |  | VAT 17% |   |
|   |  |  | By submitting this offer, I confirm that all data subjects have specifically consented to the use and storage of their data by GOAL for the purpose of analysing the offers and awarding a contract under this quotation request; and further understood that the personal data may be shared internally within GOAL and externally if required by law and donor regulations; and may be stored for a period of up to 7 years from the award of contract. | Transportation Cost |   |
|   |  |  | Signature and Stamp : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--- | Insurance cost |   |
|   |  |  |  |  | Other Taxes and Fees (if any)  |   |
|   |  |  | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Discount (If any)  |   |
|   |   |   |   |   | Total grand cost |  |

# Appendix 2: BOQ SK-P-1465

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| **1 - Abokarshola locality**  |
| 1- Installation of Solar system to operate 2 ceiling fans , 2 lamp and electric motor to operate water system in Alrokab PHC. |
| 1 | 4 | pcs | Solar panels (modules) | Cost of providing solar panels with 250 W to generate water pump motore for water system , 2 ceiling fans and 2 lamp with switch board in Alweday PHC . |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle 1.5ml in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing. |   |  **-**  |
| 3 | 2 | pcs | Batteries  | Supply batteries 200 Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor of 1000kw capacity to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 48 Volts; 50 Amps) |   |  **-**  |
| 5 | 50 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
| 2 - Installation of Solar system to convert 2 ceiling fans and 2 lamp in Alhegair PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24 Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
|  3 - Installation of Solar system to convert 2 ceiling fans and 2 lamp in Mabsot PHC.  |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing 2 solar panels 250 and install it with existing 2 solar panels 150 W to convey 1 fridge as unit , 2 ceiling fans and 2 lamp with all requirement. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor 300 W to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 12Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
| 4 - Installation of Solar system to convert 2 ceiling fans and 2 lamp in Almagafal PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24 Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
| 5 - Installation of Solar system to convert 2 ceiling fans and 2 lamp in Khoraldalaib PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing and.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 3 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24 Volts; 30 Amps) |   |  **-**  |
| 4 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 5 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 6 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
|  |  |  |  |  |  |  |
| **1 - Rashad locality**  |
| 1- Installation of Solar system to convert 2 ceiling fans and 2 lamp in Debaiker PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24 Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
|  2- Installation of Solar system to convert 2 ceiling fans and 2 lamp in Koualmango PHC.  |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing 2 solar panels 250 and install it with existing 2 solar panels 150 W to convey 1 fridge as unit , 2 ceiling fans and 2 lamp with all requirement. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor 300 W to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
| 3 - Installation of Solar system to convert 2 ceiling fans and 2 lamp in Tortang PHC. |
| 1 | 2 | pcs | Solar panels (modules) | Cost of providing solar panels with 150 W to generate 2 ceiling fans and 2 lamp with switch board in Alnila and Noralhuda PHCs. |   |  **-**  |
| 2 | 1 | sets | Support Structure for Panels (modules)  | Support Structure for modules and fixed good quality iron angle in the roof of the building by cement mortor 1:2:4 , the cost include reinforcement protection of the solar panels with 4 locks according to the attached drawing.  |   |  **-**  |
| 3 | 4 | pcs | Batteries  | Supply batteries 100Am and connected with solar system |   |  **-**  |
| 4 | 1 | pcs | Invertors | Provision and install inventor (capacity 850) to compile power between solar system and devices ( to switch from DC to AC) with Charge controller/Regulator (input voltage 24 Volts; 30 Amps) |   |  **-**  |
| 5 | 30 | ml | Cable | Cable 4 mm good quality |   |  **-**  |
| 6 | 2 | pcs | Ceiling fan | Supply and install ceiling fan good quality with all required  |   |  **-**  |
| 7 | 2 | pcs | Lamb | Supply and install lamb with board and switch include all required  |   |  **-**  |
| **Sub-Total**  |  **-**  |
| **Total cost**  |  **-**  |
|   |  |  | Contractor Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--- |  | VAT 17% |  -  |
|   |  |  | By submitting this offer, I confirm that all data subjects have specifically consented to the use and storage of their data by GOAL for the purpose of analysing the offers and awarding a contract under this quotation request; and further understood that the personal data may be shared internally within GOAL and externally if required by law and donor regulations; and may be stored for a period of up to 7 years from the award of contract. | Transportation Cost |   |
|   |  |  | Signature and Stamp : \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_--- | Insurance cost |   |
|   |  |  |  |  | Other Taxes and Fees (if any)  |   |
|   |  |  | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Discount (If any)  |   |
|   |   |   |   |   | Total grand cost |  **-**  |