# Invitation to Tender

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| **Tender Name: SUPPLY AND INSTALLATION OF A SOLAR SYSTEM AT MERCY CORPS Offices in Samburu and Turkana Counties** | **Tender No: MCK-NBO-MAY-001-2022** |
| Location: See below | Correspondence Language(s): English |
| **Brief Summary Description of Project:** Mercy Corps Kenya (MCK) has setup new sub offices in Samburu County (Wamba and Baragoi), and Turkana County (Lokichar and Loitering), which are currently served by unreliable national grid electricity. MCK would like to complement the national grid electricity with a photovoltaic (PV) solar and battery system for all the four new sub-offices. The load/ power requirements and equipment for each sub-office has been determined as listed in the price offer sheet. The solar system will be the primary source of power while the national grid power will be used as a backup. A standalone solar system will be dedicated to the premises exterior lighting. Locations:

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| **Location** | **Coordinates** |
| *Samburu County* |
| Baragoi town. Next to Baragoi Mission hospital | 1°46'59.0"N 36°47'36.4"E1.783055, 36.793442 |
| Wamba Catholic Church- Wamba town | 0°58'47.4"N 37°19'11.1"E0.979841, 37.319739 |
| *Turkana County* |
| Lokichar | 2°22'08.0"N 35°38'42.1"E2.368893, 35.645029 |
| Lokitaung | 4°16'12.1"N 35°45'18.5"E4.270014, 35.755132 |

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| **Tender Package Available from:****19th May 2022**  | **Tender Package Pickup Location:** [Tender Name: SUPPLY AND INSTALLATION OF A SOLAR SYSTEM AT MERCY CORPS Offices in Samburu and Turkana Counties | Mercy Corps](https://www.mercycorps.org/tenders/tender-name-supply-and-installation-solar-system-mercy-corps-offices-samburu-and-turkana) |
| **Deadline for Offer Submission:** **2nd June 2022** | **Submit Offers by email to :**tenders@mercycorps.orgClearly state Tender number “**MCK-NBO-MAY-001-2022**” on the subject line of the email. ONLY SOFT COPIES OF TENDER APPLICATIONS WILL BE ACCEPTED |

*Mercy Corps reserves the right to accept or reject any late offers*

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| **Questions and Answers (Q&A)** |
| If any, Submit Questions in writing to: ke-pr@mercycorps.org  |
| Last Day for Questions:23rd May 2022  | Questions will be answered by:25th May 2022 |
| Questions will be answered: by posting all questions and Answers on mercy Corps Website under tenders |

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| **Documentation Checklist** |
| These documents are contained within this tender package:  | * Invitation to Tender
* General Conditions for Tender
* Criteria and Submittals
* Price Offer Sheet
* Supplier Information Form
* Scope of Work/Technical Specifications/ BoQ
* Sample Contract
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# General Conditions for Tender

Mercy Corps invites offers for the goods, services and/or works described and summarized in these documents, and in accordance with procedures, conditions and contract terms presented herein. Mercy Corps reserves the right to vary the quantity of work/materials specified in the Tender Package without any changes in unit price or other terms and conditions and to accept or reject any, all, or part of submitted offers.

**2.1 Mercy Corps’ Anti-Bribery and Anti-Corruption Statement**

**Mercy Corps strictly prohibits**:

* *Any form of bribe or kickback in relation to its activities*

This prohibition includes any *request* from any Mercy Corps employee, consultant or agent for anything of value from any company or individual in exchange for the employee, consultant or agents taking or not taking any action related to the award of a contract or the contract once awarded.  It also applies to any *offer* from any company or individual to provide anything of value to any Mercy Corps employee, consultant or agent in exchange for that person taking or not taking any action related to the award of the contract or the contract.

* *Conflicts of interests in the awarding or management of contracts*

If a company is owned by, whether directly or indirectly, in whole or in part, any Mercy Corps employee or any person who is related to a Mercy Corps employee, the company must ensure that it and the employee disclose the relationship as part of or prior to submitting the offer.

* *The sharing or obtaining of confidential information*

Mercy Corps prohibits its employees from sharing, and any offerors from obtaining, confidential information related to this solicitation, including information regarding Mercy Corps’ price estimates, competing offerors or competing offers, etc.  Any information provided to one offeror must be provided to all other offerors.

* *Collusion between/among offerors*

Mercy Corps requires fair and open competition for this solicitation.  No two (or more) companies submitting bids can be owned or controlled by the same individual(s). Companies submitting offers cannot share prices or other offer information or take any other action intended to pre-determine which company will win the solicitation and what price will be paid.

* *Any form of exploitation, abuse, human trafficking or internal sexual misconduct*

Mercy Corps requires its partners to adhere to its Safeguarding policies including the its policies on Child Safeguarding, Prevention of Sexual Exploitation and Abuse of Beneficiaries and Community Members, Anti-Trafficking and Sexual Misconduct (available at https://www.mercycorps.org/who-we-are/ethics-policies). Companies will be expected to ensure that they have the capacity to abide by these policies, that their employees and subcontractors understand these policies, and that they communicate to its employees and subcontractors the duty to report any violation or suspected violation. Mercy Corps will not engage with a company that is found to be in violation of these policies.

Violations of these prohibitions, along with all evidence of such violations, should be reported to:

[**http://mercycorps.org/integrityhotline**](http://mercycorps.org/integrityhotline)

Mercy Corps will investigate allegations fully and will take appropriate action.  Any company, or individual that participates in any of the above prohibited conduct, will have its actions reported to the appropriate authorities, will be investigated fully, will have its offer rejected and/or contract terminated, and will not be eligible for future contracts with Mercy Corps. Employees participating in such conduct will have his/her employment terminated.

Violations will also be reported to Mercy Corps’ donors, who may also choose to investigate and debar or suspend companies and their owners from receiving any contract that is funded in part by the donor, whether the contract is with Mercy Corps or any other entity.

**2.2 Tender Basis:**

* All offers shall be made in accordance with these instructions, and all documents requested should be furnished, including any required (but not limited to) supplier-specific information, technical specifications, drawings, bill of quantities, and/or delivery schedule. If any requested document is not furnished, a reason should be given for its omission in an exception sheet.
* No respondent should add, omit or change any item, term or condition herein.
* If suppliers have any additional requests and conditions, these shall be stipulated in an exception sheet.
* Each offeror may make one response only.
* Each offer shall be valid for the period of [180 days] from its date of submission.
* All offers should indicate whether they include taxes, compulsory payments, levies and/or duties, including VAT, if applicable.
* Suppliers should ensure that financial offers are devoid of calculation errors. If errors are identified during the evaluation process, the unit price will prevail. If there is ambiguity on the unit price, the Selection Committee may decide to disqualify the offer.
* Any requests for clarifications regarding the project that are not addressed in written documents must be presented to Mercy Corps in writing. The answer to any question raised in writing by any offeror will be issued to that offeror. In some cases Mercy Corps may choose to issue clarifications to all offerors. It is a condition of this tender that no clarification shall be deemed to supersede, contradict, add to or detract from the conditions hereof, unless made in writing as an Addendum to Tender and signed by Mercy Corps or its designated representative.
* This Tender does not obligate Mercy Corps to execute a contract nor does it commit Mercy Corps to pay any costs incurred in the preparation and submission of bids. Furthermore, Mercy Corps reserves the right to reject any and all offers, if such action is considered to be in the best interest of Mercy Corps.

**2.3 Supplier Eligibility**

Suppliers may not apply, and will be rejected as ineligible, if they:

* Are not registered companies
* Are bankrupt or in the process of going bankrupt
* Have been convicted of illegal/corrupt activities, and/or unprofessional conduct
* Have been guilty of grave professional misconduct
* Have not fulfilled obligations related to payment of social security and taxes
* Are guilty of serious misinterpretation in supplying information
* Are in violation of the policies outlined in Mercy Corps Anti Bribery or Anti-Corruption Statement
* Supplier (or supplier’s principals) are on any list of sanctioned parties issued by; or are presently excluded or disqualified from participation in this transaction by: the United States Government or United Nations by the United States Government, the United Kingdom, the European Union, the United Nations, other national governments, or public international organizations.

Additional eligibility criteria, if applicable, are stated in section 3.2 of this tender package.

**2.4 Response Documents**

Offerors must submit an offer in their own format and ensure it contains all the required documents and information specified in this tender. Where an itemized Price Offer Sheet is included in the tender package, the offeror must complete and submit it with the rest of their offer.

**2.5 Acceptance of Successful Response**

Documentation submitted by offerors will be verified by Mercy Corps. The winning offeror will be required to sign a contract for the stated, agreed upon amount.

**2.6 Certification Regarding Terrorism**

It is Mercy Corps’ policy to comply with humanitarian principles and the laws and regulations of the United States, the European Union, the United Nations, the United Kingdom, host nations, and other applicable donors concerning transactions with or support to individuals or entities that have engaged in fraud, waste, abuse, human trafficking, corruption, or terrorist activity. These laws and regulations prohibit Mercy Corps from transacting with or providing support to any individuals or entities that are the subject of government sanctions, donor rules, or laws prohibiting transactions or support to such parties.

# Criteria & Submittals

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| **3.1 Contract Terms** Mercy Corps intends to issue a **Fixed Price** contract to one or several company(ies) or organization(s). The successful offeror(s) shall be required to adhere to the statement of work and terms and conditions of the resulting contract. The anticipated contract is incorporated in Section 6 herein. By submitting an offer, offerors certify that they understand and agree to all of the terms and clauses contained in Section 6. |
| **3.2 Specific Eligibility Criteria** Eligibility criteria must be met and the corresponding supporting documents listed below under “Tender Submittals” **must** be submitted with offers. Offerors who do not submit these documents may be **disqualified** from any further technical or financial evaluation.**Eligibility Criteria:*** The offeror must be legally registered
* The offeror must be in good standing with its governing tax authority
* The offeror must be licensed to conduct business
* The offeror must be licensed Energy and Petroleum Regulatory Authority (EPRA) for Class C1 for Solar PV installation
* The offeror must be licensed by National Construction Authority for at least NCA 6 and above for Solar PV installations
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| **3.3 Tender Submittals**Documents and required information listed in tender submittals are necessary in order to support the eligibility criteria and to conduct technical evaluations of received offers (and due diligence). While absence of these documents and/or information does not denote mandatory disqualification of suppliers, the lack of these items has the potential to severely and negatively impact the technical evaluation of an offer.**Documents supporting the Eligibility Criteria:** * Company registration certificate.
* Valid tax compliance certificate
* Valid trading license
* A copy of License from the Energy and Petroleum Regulatory Authority (EPRA) for Class C1 for Solar PV installation
* A Copy of certificate from National Construction Authority for at least NCA 6 and above for Solar PV installations

**Documents to conduct the Technical Evaluation and additional Due Diligence:** * Company Profile, 5-page max
* Letters of recommendation from at least 2 organization preferably NGOs where similar solar systems have been installed (include contact information)
* Design narrative and single-line drawings
* Detailed Product Specifications. **Product performance sheets for the proposed supplies must be attached**.
* CVs for Key Technical Personnel that will lead the installation of the system
* Proof of dealership / agency relationship with manufacturer
* Warranty statement from the supplier indicating warranty and guarantee period for each equipment including maintenance support to meet the warranty and guarantee terms and conditions.

**3.4 Price Offer:**The Price offer is used to determine which offer represents the best value and serves as a basis of negotiation before award of a contract. As a Fixed-Price contract, the price of the contract to be awarded will be an all-inclusive fixed price basis, either in the form of a total fixed price or a per-unit/deliverable fixed price. No profit, fees, taxes, or additional costs can be added after contract signing. Offerors must show unit prices, quantities, and total price, as displayed in the Offer Sheet in Section 4. All items must be clearly labeled and included in the total offered price. Offerors must include VAT. |
| **3.4.1 Currency** Offers should be submitted in: Kenya Shillings Payments will be made in: Kenya Shillings  |

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| **3.5 Tender Evaluation** (**LPTA Selection Method**)Based on the above submittals, a Mercy Corps Tender Committee will conduct a tender evaluation process. Mercy Corps reserves the right to accept or reject any or all bids, and to accept the offer(s) deemed to be in the best interest of Mercy Corps. MC will not be responsible for or pay for any expenses or losses which may be incurred by any Offeror in the preparation of their tender.Evaluations will be conducted as described in the following subsections: |
| **3.5.1 Technical Evaluation** ***Lowest Price, Technically Acceptable (LPTA)***Mercy Corps Tender Committee will conduct a technical evaluation which will grade technical criteria on a pass/fail basis. Supplier’s bids **must meet the minimum technical standard** established here in order to receive a passing mark. Any offerors who receive a failing mark on any criteria will be automatically disqualified from the tender process.Only offerors who pass all criteria will move on to the next round of evaluation.Pass/fail technical criteria are as follows:

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| **Technical Criteria** | **Pass or Fail?** |
| Product Technical Specifications  |  |
| Company Profile, 5-page max  |  |
| Letters of recommendation from at least 2 organization preferably NGOs where similar solar systems have been installed (include contact information)  |  |
| Design narrative and single-line drawings |  |
| Detailed Product Specifications. **Product performance sheets for the proposed supplies must be attached**. |  |
| CVs for Key Technical Personnel that will lead the installation of the system |  |
| Proof of dealership / agency relationship with manufacturer |  |
| Warranty statement from the supplier indicating warranty and guarantee period for each equipment including maintenance support to meet the warranty and guarantee terms and conditions. |  |
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| **3.5.2 Financial Evaluation and Price/Cost Analysis**All suppliers who passed all technical criteria will move on to the financial evaluation where the lowest price offer(s) will be accepted as the winning offeror(s) assuming the price is deemed fair and reasonable and subject to the additional due diligence in section 3.5.3. |
| **3.5.3 Additional Due Diligence**Upon completion of both the technical and financial evaluations Mercy Corps may choose to engage in additional due diligence processes with a particular offeror or offeror(s). The purpose of these processes is to ensure that Mercy Corps engages with reputable, ethical, responsible Suppliers with solid financials and the ability to fulfill the contract. Additional due diligence may take the form of the following processes (though it is not limited to):* Reference Checks
* Supplier’s facility/ premises visits
* Determination of relations and affiliations between offerors
* Other appropriate documented method giving Mercy Corps increased confidence in the supplier’s ability to perform
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# Offer Form

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| **Offerors must submit their own independent offer including at least (but not limited to):*** All documents requested in the “Eligibility Criteria” section of this Tender Package
* All documents requested in the “Tender Submittals” section of this Tender Package
* All information listed in the “Documents Comprising the Bid” section below

**All offers must be duly signed (including position and full name of the signer) and stamped, with the date of completion.** |

***Documents Comprising the Bid to be submitted by Offeror***

The following information must be included in the offer of any potential offeror:

1. Company Profile, 5-page max
2. Documents supporting eligibility criteria
3. Letters of recommendation from at least 2 organization preferably NGOs where similar solar systems have been installed (include contact information)
4. Design narrative and single-line drawings
5. Detailed Product Specifications. **Product performance sheets for the proposed supplies must be attached**.
6. CVs for Key Technical Personnel that will lead the installation of the system
7. Proof of dealership / agency relationship with manufacturer
8. Warranty statement from the supplier indicating warranty and guarantee period for each equipment including maintenance support to meet the warranty and guarantee terms and conditions.
9. Annex 2: Supplier information form
10. Annex 3: Price offer Sheet

The original bid shall be signed by the offeror or a person or persons duly authorized to bind the offeror to the contract. Financial offer pages of the bid shall be initialed by the person or persons signing the bid and stamped with the company seal.

Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

# 5. Scope of Work/Technical Specifications

**5.1 Background**

Mercy Corps Kenya (MCK) has setup new sub offices in Samburu County (Wamba and Baragoi), and Turkana County (Lokichar and Loitering), which are currently served by unreliable national grid electricity. MCK would like to complement the national grid electricity with a photovoltaic (PV) solar and battery system for all the four new sub-offices. The load/ power requirements and equipment for each sub-office has been determined as listed in the price offer sheet. The solar system will be the primary source of power while the national grid power will be used as a backup. A standalone solar system will be dedicated to the premises exterior lighting.

**Proposed system must:**

* Be designed, constructed and tested by winning bidder
* Test certificates must be provided
* Consist of a technical solution that is modular in design:
* Easy to maintain, swappable components
* Standardized components
* Pre-configured (and tested) at the factory before shipping
* Be supplied in a pre-cabled enclosure or an adapted shipping container (Power Control and storage)
* Accept power inputs from solar, grid and genset, and be programmable on priority of each power source
* Have zero power export capability when connected to grid
* Automatically start/stop a compatible genset based on configurable parameters
* Include remote monitoring, control and configuration of key solar components from a distance utilizing GSM, 4G or satellite connectivity. Plus the capability to store energy data locally as well.
* Be able to manage unbalanced loads on a 3-phase system
* Have preferred configuration of both Solar (inverters, charge controllers, BMS) and protection equipment (circuit breakers, lightning protection etc) are from same manufacturer to ensure compatibility and avoid potential installation, maintenance and monitoring conflicts
* The roof mounting structure should be made of Aluminum or Stainless Steel. Distribution boards should be IP 65 rated or above and as approved by the procurement entity.

PV modules shall be guaranteed for a minimum of 25 years from the date of commissioning and handing over to Mercy Corps

**5.2 Technical Specifications for Goods**

**Storage batteries must:**

* Be multiples of 48V DC direct preferable. or to connect in series lower voltages to achieve 48V DC battery bank
* Be easy to recycle at end of life and not contain lead
* Not be flammable, and not dangerous if pierced or punctured
* Not self-discharge (battery ageing) during storage and be inert when stored
* Last a minimum of 3000 cycles at 80% DoD
* Be able to operate at temperatures of between -40 to +60oC with no de-rating and no artificial cooling needed
* Have built in protection against:
* Over discharge
* Over/Under voltage
* Charge/Discharge over current
* Manufactured in Europe or United States
* Compliant to the following norms:
* 2004/108/CE Directive
* 2006/95/CE Directive
* Conformity evaluated based on the following norms:
* EN 61000-6-4:2007EN 61000-6-2:2005
* UL1973
* UL9540A
* Manufacturer must be ISO 9001 certified

**Inverter:**

* Inverters, charge controllers, BMS must be compatible with supplied storage batteries
* Test results to be provided

**Solar Panel**

* Solar panels must be compatible with and been tested with solar equipment and storage batteries

**6. Sample Contract**

This is the anticipated contract. However, if required, additional terms and conditions may be added by Mercy Corps in the final contract.

Annex 1: Simple works contract sample

# 7. Attachments to the Tender Package

Annex 2 -Supplier Information Form template

Annex 3 -Price Offer Sheet template