**Consultancy Title no. 83454843**

**Consultancy for** **Transportation and Installation of Solar panels in Djibouti.**

**Project title;** EU Digital solutions to strengthening disease surveillance and monitoring systems for Covid-19 in the IGAD region.

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# General information

1. **Brief information on the project**

The Project - EU Digital solutions to strengthen disease surveillance & monitoring systems for Covid-19 in the IGAD region, has been implemented since July 2020. The overall objective of the project is to contribute towards mitigating the impact of the Covid-19 pandemic in the IGAD region. The specific objective of the project is to promote digital solutions relevant for Covid response, with specific attention to regional surveillance systems & monitoring systems. The project is co-financed by the European union & the Federal Ministry for economic cooperation & development and implemented GIZ – as part of the BMZ project – strengthening the capacity of IGAD towards enhanced drought resilience in the Horn of Africa.

The project aims to address two key outputs; to put in place a regional disease surveillance system to monitor Covid 19 & to ensure connectivity for surveillance & monitoring. Key activities will involve the customization & deployment of SORMAS (Surveillance outbreak response Management & Analysis system), as well as a developing a data sharing policy framework amongst IGAD member states, allowing for sharing of surveillance data. The project is in the process of procuring information technology hardware required to support the efficient and secure transmission of disease surveillance data from remote facilities at the cross-border areas to the national data warehouse (and subsequently to a regional one), as well as any hardware gaps that would hamper the use of these data at national and sub-national levels.

1. **Context**

The project put together a joint implementation team comprising of IGAD and GIZ that undertook baseline assessments in the member states (MS) to scope out the requirements for such a system. The team sought to establish if any gaps exist in the information technology hardware required to support the efficient and secure transmission of disease surveillance data from remote facilities at the cross-border areas to the national data warehouse (and subsequently to a regional one), as well as any hardware gaps that would hamper the use of these data at national and sub-national levels.

In Djibouti, the assessmen took place at the CMH (medical-hospital center) site in Dikhil, which is a level 3 facility and at the Galafi site, a level 1 health facility. This is the border zone

with Ethiopia, and a major transit point for truckers.

In Summary, the following recommendations were agreed upon for the Djibouti assessment;

1. Make screening inputs and laboratory resources available at the Galafi screening site including the health center,
2. Provision of IT equipment and resources, as well as Wimax internet connection
3. Wimax internet connection from the Galafi health site to the DIS/MoH computer platform.

The outcome of this baseline assessments in Djibouti determined that the attached list of hardware IT equipment (See Annex) are needed in order to ensure improved efficiency of data flow.

**The purpose of this consultancy is for the consultant to support GIZ in the transportation and installation of three Solar Kits, arising out of the Djibouti Assessment.** In order to distribute & install the Solar panels, the project adopts a holistic & safe approach whilst distributing & instaling in the end facilities various facilities. This is aimed at ensuring that the equipment is handled safely - during transportation, & to ensure and maintain safety of equipment until it is installed and handed over at the end locations.

The consultant is expected to support in preparation of the equipment for transportation, organize for and be in charge of transporting the equipment to the end points, and ensure proper installation & handing over to relevant MoH officials.

1. GIZ shall hire the contractor for the anticipated contract term, of two weeks from **December 8th, 2023** for a total of **18 days.**
2. **The contractor shall provide the following work/services or key tasks;**
3. To undertake safe transportation of three Solar Kits to three locations - Galafi, Galile & Balho.
4. To contact the end locations and request for needed details as to requirements to allow for the installation of Solar panels, to allow for proper installation at the end points - including buying needed supplies to ensure that the Solar kits are installed & working appropriately in the three locations.
5. The consultant will undertake installation of the three Solar kits in this three locations - Galafi, Galile & Balho).
6. Final handing over of the functional Solar panels to MoH repsentatives at the three end locations.
7. Generating a final report arising from the tasks undertaken.

# Tender requirements

## 1. Qualifications of proposed staff

## 1.1 Expert 1:

### 1.1.1 General qualifications Masters in Electrical and/or Electronic and Intermediate Solar Training with verifiable 5-10 years solar installation experience.

### 1.2.1 Previous Work Experience

With 5 to 10 years relevant experiences in in solar energy.

Demonstrated knowledge of the key characteristics of implementing solar PV installations, including grid-connected, off-grid, and hybrid installations with and without battery storage.

### 1.2.2 Regional/Country work experience

Experience working and/or managed or supervised at least 3 projects of solar installations of a minimum of 20kwp, within Djibouti or in the horn of Africa region.

**1.2.3 Language Skills;** Fluency in the use of French **and/or** English (C2 level)

**1.2 Expert 2: Team of Solar Experts**

A Team of Two(2) Solar professionals - variously qualified to enable & support the process of Solar panel installation.

**1.2.1 General qualifications for the team of Solar experts**

Should posses intermediate training in Solar, with at least 5 years of experience in solar installation.

## 2. Appropriateness of proposed concept

Objective criteria to be used for an objective evaluation of the concept within the ‘Assessment grid for the technical evaluation of tenders.

**2.1** Knowledge and experience in implementation of solar energy installations(including grid-connected, off-grid, and hybrid installations with and without battery storage)

**2.2** Selection of the most appropriate, practical and secure selection of modes of transport for movement of the equipment to the end points; including use of or security provision.

**2.3** How the Installation of Solar panels is planned, including testing, working with local staff etc.

**2.4** Communication modalities or meetings schedule proposal to keep the project team updated,updates on arising challenges and general logic flow for transport plan.

## 3. Specification of inputs

|  |  |  |  |
| --- | --- | --- | --- |
| **Fee days** | **Number of experts** | **Number of days per expert** | **Comments** |
| * Preparation/debriefing
 |  1 |  2 |  |
| * Implementation;Technical assessment of Solar bids
 |  1 |  2 |  |
| * Implementation; Installation of three Solar kits in three locations(Galafi, Galile & Balho).
 |  1 |  14 |  |
| **Travel expenses** | **Number of experts** | **Number of days/nights per experts** | **Comments** |
| * Per-diem allowance in country of assignment
 |  2 |  14 |  |
| * Overnight allowance in country of assignment
 |  2 |  13 |  |
| * Travel costs (train, private vehicle)
 |  n/a |   |  |
| **Flights** | **Number of experts** | **Number of flights per experts** | **Comments** |
| * International flights
 |  | N/A |  |
| * Domestic flights
 |  | N/A |  |
| **Other costs** | **Number of experts** | **Amount per experts** | **Comments** |
| * Flexible remuneration
 | 1 |   | 10% of the contract value |
| * Transportation cost
 |  |  |  |

## 4 Fixed lump sum price – contract for work

Since the contract to be concluded is a contract for work, we would ask you to offer your services at a fixed lump sum price, which provides an itemised breakdown of all the relevant costs (fees, travel costs, etc.). We require this information for our internal calculations. The assessment of the financial bid is based on the lump sum price tendered.

## 5. Option

N/A