

Terms of Reference for the material supply, installation, and introduction of an irrigation system at the agricultural training field in Gambela

1) Background Information

The Qualifications and Employment Perspectives for Refugees and Host Communities in Ethiopia Programme (QEP) implemented by the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH has been initiated against the background of integrating refugees into vocational training. Ethiopia is currently hosting more than 900.000 refugees, making it the second largest host country in Africa. Thus, QEP supports the Ethiopian government in five regions of the country to expand labour-market relevant training provisions for refugees and Ethiopians. The project establishes linkages between the TVET sector and the private sector to support the integration of TVET graduates, Ethiopians and refugees, into the labour market.

The overall objective of QEP is the improve employment perspectives of refugees and host communities in Somali region, Benishangul-Gumuz region, Gambella region, Tigray region and Addis Ababa. QEP implements its activities in the areas of improved TVET quality, improved and expanded access to TVET and employment promotion and entrepreneurship advice for above mentioned target groups and regions.

In order to expand access to employment relevant agricultural training for refugees and host communities, QEP supports the establishment of an agricultural training site in cooperation with Gambella University. For the preparation of the field, the procurement and installation of an irrigation system is planned. This will be followed by an introductory training into the use of the irrigation system to the involved staff and stakeholders before handing it over.

2) Objective of the consultancy

The objective of the consultancy is to supply, install and introduce (training on operation and maintenance) a complete irrigation system for GIZ QEP and its partner, the University of Gambella. The irrigation system consists of a grid connected electric pump with a back-up generator to pump water from the river to the training site, and from there a photovoltaic driven water pump will irrigate the fields through sprinkler and drip.

The technical support includes a critical review and plausibility check of a given design and bill of quantity, which leads to a price offer and participation in a bid. The company, which wins the bid is expected to deliver all the required materials and install the irrigation system at the training field

at Gambella University. The installation will be part of an introduction training, which trains stakeholders on the diverse parts of the system, its operation and maintenance.

3) Tasks

- I. Critical review and plausibility check of a given design and bill of quantity
- II. Visit to the agricultural training field at the beginning of the contract to get familiar with site specific characteristics and potential challenges
- III. Communicate and coordinate all necessary arrangements and preparatory steps for the installation of the irrigation system with GIZ-QEP and Gambella University
- IV. Procurement of all equipment and material for the irrigation system
- V. Deliver all equipment and material to the agricultural training field at Gambella University
- VI. Installation of the irrigation system at the agricultural training field at Gambella University
- VII. Introduction to all components of the irrigation system and its functions, operation and maintenance to two operators and relevant stakeholders
- VIII. Test run of the irrigation system including training, exam and observation to ensure that trainees understood the system.
- IX. Preparation and submission of an "operational manual", which clearly explains all necessary steps of operation and maintenance of the irrigation system (pdf-format and one print)

4) Deliverables

1. Brief statement on plausibility of the given design and bill of quantity. Any technical concerns should be noted at this stage. Format pdf.
2. Price offer for the bid. Format pdf
3. All required materials are expected to be delivered to the agricultural training field at Gambella university on time.
4. Installation of the irrigation system at the agricultural training field at Gambella university
5. Introduction to all components of the irrigation system and its functions, operation and maintenance to two operators and relevant stakeholders.
6. Test run of the irrigation system including training, exam and observation to ensure that trainees understood the system.
7. Preparation and submission of an "operational manual", which clearly explains all necessary steps of operation and maintenance of the irrigation system (pdf-format and one print)

5) Timeframe

The consultancy will be offered on a fixed-price contract for a period of **13 workdays where 8 days will be spent in Gambella**. The consultancy is expected within the period of **August 1, 2020 up to 30 November 2020**.

Proposed Workplan

Activity	Workdays
Required arrangements at the beginning of the contract	
I. Brief statement on plausibility of the given design and bill of quantity	1
I. Visit to the agricultural training field at the beginning of the contract to get familiar with site specific characteristics and potential challenges	1
II. Communicate and coordinate all necessary arrangements and preparations for the installation of the irrigation system with GIZ QEP and Gambella University.	1
Procurement and delivering of the irrigation system	
III. Procurement and delivering of all equipment and material to the agricultural training field at Gambella university	2
Installation of irrigation system	
IV. Installation of the irrigation system at the agricultural training field at Gambella university	4
Introduction training of irrigation system	
V. Introduction to all components of the irrigation system and its functions, operation and maintenance to two operators and relevant stakeholders	1
VI. Test run of the irrigation system including training, exam and observation to ensure that trainees understood the system.	2
VII. Preparation and submission of an "operational manual", which clearly explains all necessary steps of operation and maintenance of the irrigation system (pdf-format and one print)	1
TOTAL	13

6) Qualifications for the consultancy firm

The consultancy firm needs to assign 2 experts where the lead expert has to have the following qualifications:

- Master's degree in the field of Water Resource Engineering or other related field
- At least 5 years of experience as a consultant for relevant national and/or international organizations and/or companies
- Comprehensive experience in irrigation project development within the Ethiopian context
- Proven knowledge in developing comprehensive and detailed work plan for national and international organizations
- Excellent language skills in English and Amharic paired with excellent communication skills
- High degree of flexibility and service orientation

7) Presentation of Proposal & Selection Criteria

Interested candidates should submit a proposal to the programme briefly outlining:

- a. Technical proposal (envelope 1)
 - i) Methodology for conducting the work under this consultancy (max. 1 page)
 - ii) Proposed workplan (max. 1 page)
 - iii) The CV of the consultant to be assigned
- b. Financial Proposal (envelope 2)
 - i) Itemized budget and indication of the total cost of the proposed work plan

8) Declarations on the protection of personal data

With regard to the aforementioned tasks and services, the contractor is obliged to comply with the following regulations:

- a. Application of the EU General Data Protection Regulation

Any personal data included in this agreement shall be processed pursuant to the Regulation (EU) 2016/679 of the European Parliament and of the Council on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation). Such data shall be processed solely for the purposes of the performance, management and monitoring of this agreement to the extent this law is applicable.

- b. Obligation of Data Confidentiality

In particular, the Parties acknowledge that - when establishing any joint works, personal data from the other Party might be disclosed, such as for instance address lists. In the case of any such disclosure of personal data, the Parties undertake to maintain data confidentiality according to Art. 5 General Data Protection Regulation, § 53 German Federal Data Protection Act of 2018 (BDSG 2018) analogous, against everyone. The Parties will extend these obligations also to their employees to the extent dictated by law. Parties will therefore ensure that their own employees do not forward any personal data to third parties or otherwise use them for purposes which are not in accordance with this agreement. The aforementioned principles also apply in the event that a Party subcontracts third parties with their task fulfillment.

The obligations to maintain data confidentiality and data protection are essential duties of this agreement; they continue to exist indefinitely after completion any joint work.

- c. Freedom from third-party data protection rights

The contractor warrants that any data transmitted to the GIZ has been processed in accordance with the applying data protection laws, in particular the General Data Protection Regulation and are free from any third-party rights that would prejudice the use of this data within the purpose of this agreement. The contractor indemnifies GIZ against all claims arising from the violation of data protection laws or fines imposed by governmental agencies and shall reimburse GIZ for all costs incurred in connection with its corresponding legal defense.

Please note: Due to the intended autonomous processing of data by the consultancy, no further documents are required to specify the data processing. However, GIZ reserves the right to adjust this later as part of an amendment to the contract if the conditions change.