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| Consulting Services for the provision of Technical Assistance for the Planning, Setup, and Commissioning of an Aquaponics Facility in the Context of the Project CIFAA / AVFA, Tunisia | Deadline: January 18, 2024 at 14:30hrs (UTC+2) South Africa time |
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Country: *Tunisia*

Ref-N°: Project No.: AUDA-NEPAD/KfW 2015 69 052/FW1/TUN/006/02 (PPW);
AUDA-NEPAD Procurement No.: 74/AUDA/SIFAFCPPW/AVFA/QCBS/2023

Prequalification

Ref.: International, open Tender for "Consulting Services for the provision of Technical Assistance for the Planning, Setup, and Commissioning of an Aquaponics Facility in the Context of the Project CIFAA / AVFA, Tunisia"

Project Executing Agency: African Union Development Agency- New Partnership for Africa's Development (AUDA-NEPAD)

Project measures: CIFAA will be implemented in two centres under AVFA management, CFPP Teboulba and CFPA Jemmal, with both located in the Monastir region (ca. 200 km from Tunis). Those TVET centres are offering different courses offering initial training to young people and also continuous courses to workers and agriculture owners. CFPP Teboulba centre is specialized in sea fish training and CFPA Jemmal centre in agriculture training, and the aquaponics project will be implemented at CFPA Jemmal. However, teachers/trainers from both training centres will participate in the training described in these ToR.

The required technical assistance for the planning and implementation of an aquaponics VET facility at CFPA Jemmal includes the following: training of trainers at the consultant's facilities, training of trainers and technical staff at the training centre in Tunisia, curricula development for a Technician Level (2 years), listing and specifying required equipment, and assistance during the commissioning of the equipped aquaponics facility at CFPA Jemmal. This assistance will be planned in close cooperation between the successful applicant and AVFA (including the two training centres and their staff) to establish the aquaponics training facility and implement efficient training with an emphasis on practical skills as required by the labour market.

The project will be implemented following the accreditation processes and vocational training standards applied in Tunisia under the supervision of the Ministry of Employment and Vocational Training (MFPE) and in close collaboration with AVFA's pedagogical department.

Requested Consultant services:

The Services requested under this assignment are as follows:

1. Technical assistance to support the conceptualisation and planning of an aquaponics facility for VET at CFPA Jemmal, in cooperation with the responsible AVFA personnel, including but not limited to:
 - Dimensioning of an aquaponics VET facility considering the available project budget and initial equipment list prepared by AVFA (e.g., greenhouse, water treatment, pumps, ponds, etc.) including considering installations already on site,
 - Verifying and adjusting the presented design of the aquaponics VET facility,
 - Provision of detailed planning of different aquaponics systems / water treatment systems, including hatchery services, fingerlings, nutritional balance calculation, etc,
 - Dimensioning of the aquaponic component (equipment) specification related to the implementation of the full process including water treatment.
 - Specifying required aquaponics equipment for procurement process.

The goal is to establish a fully functional aquaponics training facility.

2. Curriculum development and training of technical staff (training of trainers) in aquaponics technology, including but not limited to:
 - Training of technical AVFA staff at the successful institute's/firm's aquaponics facilities with a duration of ca. four (4) weeks, as a first step of the required assistance which allow the trainers to start the curriculum development step.
 - Technical assistance for the curriculum development for high technician level.
 - Workshop and training of technical AVFA staff in Tunisia. A training calendar will be agreed after a diagnostic step on site to include the technical facilities existing the after. The technical assistance days will also include completing the installation of the aquaponics facility regarding to the pedagogical aspects referring to the curricula.

Training content:

- Technical assistance to develop an aquaponics VET program in Tunisia,
- Technical assistance to prepare teaching and learning materials for VET in aquaponics,
- Technical assistance to prepare hands-on experiments for VET in aquaponics,
- Technical assistance for AVFA trainers on fish hatchery techniques for aquaponics.

The goal is to establish an accredited curriculum and have well trained trainers.

3. Technical assistance to support the setup, commissioning, and monitoring of operation of the aquaponics facility at CFPA Jemmal, in cooperation with responsible personnel from AVFA, in particular:
 - Technical assistance during the installation of the aquaponics facility,
 - Technical advice after commissioning of the aquaponics facility through online consultancy, including for the engineering layout design.

The goal is to establish a fully functional aquaponics training facility.

The Consultancy Team should consist of a multidisciplinary team, bringing together the capacities, qualifications and expertise required to efficiently implement the Planning, Setup, and Commissioning of an Aquaponics Facility in the Context of the Project CIFAA / AVFA, Tunisia in line with the overall objectives.

The Expression of Interest (pre-qualification) is subject to the regulations contained in the Guidelines for the Procurement of Consulting Services, Works, Goods, Plant and Non-Consulting Services in Financial Cooperation with Partners (updated as of January 2021) available at www.kfw-entwicklungsbank.de.

The contract will be awarded to an independent Consultant firm with proven experience in the sector and the region. The minimum average annual turnover of the consultants for the last three years shall be EUR400,000.00 (2020-2022).

A complete set of Prequalification Document and detailed terms of references can be downloaded from <https://www.nepad.org/corporate-procurement#tenders>

Interested Consultants may obtain further information, and should confirm their interest, by contacting:

The Chairperson, Internal Procurement Committee (IPC)
AUDA-NEPAD) 230, 15th Road, P. O. Box 218 Midrand,
1685 Johannesburg, South Africa

Email: bathom@nepad.org and copy carlton.aslett@skillsinitiative-for-africa.com

Only hard copy submissions are allowed and tenders shall be submitted in the Tender Box Situated at the reception on the ground floor at above mentioned address.

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