CONSULTANCY TO DESIGN AND IMPLEMENT THE CONSTRUCTION OF A DAM FOR RAINWATER HARVESTING FOR IRRIGATION - TANZANIA

1.0 The Africa Enterprise Challenge Fund

The AECF is a development institution which supports businesses to innovate, create jobs, leverage investments and markets to create resilience and sustainable incomes in rural and marginalized communities in Africa. Launched in 2008, the AECF has mobilized over US $356 million to date, leveraging more than US $658 million in matching capital and improving the lives of more than 19 million people in 2018 alone through jobs and increased household incomes. The AECF has so far supported 268 companies in 26 countries in sub-Saharan Africa across 40 value chains in our focal sectors of agribusiness and renewable energy.

In the 2018-2020 strategy, our goal is to “double our impact in half the time”. To achieve this, we will continue to focus on the agribusiness and renewable energy sectors, increase support to climate-smart technologies, refine our challenge model, expand regional presence, deepen the focus on gender, youth and employment by expanding our products and partnership approach to better meet our investees’ current needs; and ensure they rapidly scale and transition to external financing and sustainability thereby attaining our vision of ‘A Prosperous and Enterprising Rural Africa’.

In delivering on the strategy, AECF’s Investments Advisory Services (IAS) department is increasingly providing supplementary support to AECF investees to accelerate their business growth, sustainability and impact delivery.

2.0 About Tamu Tamu - Tanzania

Tamu Tamu Tanzania Limited is a start-up company that was in 2015 to establish an apple orchard to promote fruit growing in Tanzania in particular apples which are not common in Tanzania. The focus is to create a mother orchard to supply quality apples and apple seedlings and establish an out-grower program to support rural Tanzanian farmers by giving them alternative long-term investment options through apple farming and access to reliable market. The AECF investment was required to cover the costs of training to farmers, machinery procurement (tractor and forklift), cold storage trucks to transport apples from farmers and supply to the market, packaging house and storage room construction and establishment of nurseries. This business is expected to benefit 625 smallholder farmers, creating a net benefit of US$ 324 per farmer. It is also expected to deliver systemic change through its high potential to crowd in local farmers and midsize farmers across the country.

3.0 Purpose and Deliverables of the Assignment

Tamu Tamu is looking to solve the issues they have been having with unsustainable and expensive water sources for their farm operations and irrigation needs. With their plans to upgrade into more processing activities, and scale farmer reach with quality and timely seedlings, this will require a more sustainable supply of water. Based on a recent water survey conducted on the farm, their current borehole can’t produce enough water for future irrigation needs of the farm. Creating a dam is a more sustainable option, as it will allow retention of rainwater (which otherwise washes away), leading into slow percolation of water into the ground, combating erosion and encouraging regeneration of the surrounding environment and biodiversity.
The Tamu Tamu team will need an expert to design the dam, guide construction, train the team in maintenance of the dam, how to control the water level in the event the water in the dam exceeds its capacity, and how to use the system.

3.1 Specific Duties and Responsibilities of the Consultant

The scope of engagement will include the following:
   a) Advice on the exact location for dam construction
   b) Design of dam to maximise water collection capacity
   c) Overseeing of dam building
   d) Advice on pumping equipment and filtering unit to install
   e) Training of staff on dam maintenance and troubleshooting

3.2 Outputs and Reporting Requirements

   a) Design of the dam completed (2)
   b) A constructed dam that can sustainably supply water for farm needs throughout the dry season (45).
   c) Training of the local team in the management and maintenance of the dam (1).
   d) Develop training and other reference materials for continuous training of new and existing employees (1)
   e) End of Project report (TA report) – (4 days)

4.0 Duration of Service and Location

The assignment should be undertaken within three calendar months and is expected to commence on 1st October 2020. The consultant will be based in Iringa Tanzania, where the investee is established.

5.0 Proposal Submission

Qualified consultants are invited to submit the proposal that includes the following:

   a) Qualification and experience of the individual/institution.
   b) Approach and methodology to undertake this assignment.
   c) Previous experience in similar assignment(s).
   d) Detailed financial budget (in USD) and work plan.
   e) Technical and Financial proposals will need to be submitted as separate documents.

6.0 Qualifications and experience

The tenderer should have the following minimum competencies for this assignment:

   a) Experience in dam building
   b) References of previous similar completed projects
   c) Civil engineering

7.0 Reporting

The consultant will be accountable to the AECF’s Advisory Manager and the Tamu Tamu Leadership.
8.0 Pricing

The AECF is obliged by the Kenyan tax authorities to withhold taxes on service contract fees as well as ensure that VAT, is charged where applicable. Applicants are advised to ensure that they have a clear understanding of their tax position with regards to provisions of Kenya tax legislation when developing their proposals.

9.0 Evaluation Criteria

An evaluation committee will be formed by the AECF and shall include employees. All members will be bound by the same standards of confidentiality. The Vendor should ensure that they fully respond to all criteria to be comprehensively evaluated.

The AECF may request and receive clarification from any Vendor when evaluating a proposal. The evaluation committee may invite some or all of the Vendors to appear before the committee to clarify their proposals. In such event, the evaluation committee may consider such clarifications in evaluating proposals.

In deciding the final selection of qualified bidder, the technical quality of the proposal will be given a weighting of 80% based on the evaluation criteria. Only the financial proposal of those bidders who qualify technically will be opened. The financial proposal will be allocated a weighting of 20% and the proposals will be ranked in terms of total points scored.

The mandatory and desirable criteria against which proposals will be evaluated are identified in the table below.

<table>
<thead>
<tr>
<th>Key Areas for Evaluation/ Assessment</th>
<th>Weighted Award</th>
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<tbody>
<tr>
<td>a) Technical Proposal</td>
<td>80</td>
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<tr>
<td>i) An understanding of the consultancy requirements;</td>
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<tr>
<td>• Demonstrate understanding of the assignment</td>
<td>5</td>
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<tr>
<td>• An in-depth understanding of dam construction based on sound feasibility assessments and methodologies.</td>
<td>15</td>
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<tr>
<td>ii) Methodology and work-plan that will deliver the best value on the assignment: Demonstrate the capacity to deliver the task(s) within a realistic timeline, based on the consultancy days designated per task.</td>
<td>20</td>
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<td>iii) Strategy and demonstrated capability to deliver a large part of this assignment virtually. Preference will also be given to a consultant who has a presence in Tanzania.</td>
<td>10</td>
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<td>iv) Relevant services undertaken by the bidder in the past engagements: Demonstrate relevant experience and recent engagements.</td>
<td>20</td>
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v) Detailed reference list indicating the scope and magnitude of similar assignments:

- Letters of reference from past customers or associates to the consultant | 10

b) Financial Proposal: Clarity, relevance, reality to market value/value for money of cost for the assignment (inclusive of any applicable tax) | 20

10.0 Application Details

To be considered, your proposal reference “CONSULTANCY TO DESIGN AND IMPLEMENT THE CONSTRUCTION FOR A DAM FOR RAINWATER HARVESTING FOR IRRIGATION- TANZANIA” must be addressed to procurement@aecfafrica.org and received by Friday 11th September 2020 5:00 PM EAT.

11.0 Disclaimer

AECF reserves the right to determine the structure of the process, number of short-listed participants, the right to withdraw from the proposal process, the right to change this timetable at any time without notice and reserves the right to withdraw this tender at any time, without prior notice and without liability to compensate and/or reimburse any party.