

**Terms of** **Reference: Supply of fruit trees species for** **Capacity Building, knowledge transfer and investment supports to the communities in the Semi-arid regions, Rwanda**

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| Program | EU funded Development-Smart Innovation through Research in Agriculture Program (DeSIRA): |
| Project title | Improving resilience of farmers’ livelihoods to climate change through innovative, research proven climate-smart agroforestry and efficient use of tree resources in the Eastern Province and Kigali peri-urban areas |
| Tender title | **Supply of fruit tree seedlings in Kirehe, Nyagatare, Gatsibo and Gasabo districts** |
| Method of acquisition | Open Competitive bidding |
| Location | Nyamugali sector in Kirehe, Mukama in Nyagatare, Kabarore in Gatsibo and Gikomero in Gasabo districts |
| Office | IUCN Rwanda Office |
| Language requirements | English and Kinyarwanda |

# Background

**DeSIRA program** (Development –Smart Innovation through Research in Agriculture) is a new partnership initiative developed by the European Commission as part of EU Development Cooperation Instruments, and it aims at:

* Incorporating science in development work with a view to foster innovations for increased impact;
* Building –up in country research capacities for innovation;
* Strengthening partnerships with EU and international research entities.

The DESIRA Agroforestry is implemented by the International Union for Conservation of Nature (IUCN) and Belgian Development Agency (Enabel), in collaboration with the International Centre for Research in Agroforestry (ICRAF), Ghent University, KU Leuven University, and University of Rwanda.

This project is steered by the Ministry of Environment (MOE) to contribute to the improvement of resilience of farmers’ livelihoods to climate change through innovative, research-proven climate-smart agroforestry and efficient use of tree resources in the Eastern Province and peri-urban areas of Kigali city. DeSIRA Agroforestry Project (DeSIRA Project (CRIS number FOOD 2018/041-107) has among the expected results, the development of tested knowledge on scalable agroforestry systems and their components from an ecological services perspective (including biodiversity, carbon sequestration, water retention, microclimate, and soil /crop productivity).

Therefore, this project conducted value chain assessment which showed the importance of supporting the local communities with nutritious tree species in addition to agroforestry trees for both nutrition, and biodiversity purposes. These trees also contribute to climate change, cooking energy, water use efficiency, and land management in Rwanda, targeting small holder farmers areas of the Eastern Province. The agroforestry value chain analysis explored the flow of products, services, and information in the communities of project intervention to improve productivity, reduce costs, and identify new markets and value-added opportunities. The analysis has shown that farmers need fruits such as Avocado, papaya, Macadamia and mango as well as trees, shrubs and animal fodder. The selection of trees was demand driven and thus the support in the provision of seedling will the of great contribution to create long term investment opportunities for the communities in the intervention areas by strengthening partnerships and collaboration. It is leading to improved coordination, increased efficiency, and better outcomes for all actors involved.

# Capacity Building, knowledge transfer and investment supports for the communities in the project intervention areas

The support through capacity building and investment in agroforestry for the communities are being conducted at Gikomero in Gasabo, Kabarore in Gatsibo, Nyamugali in Kirehe and Mukama in Nyagatare. These include the supply of nursery seedling, tree planting and management, best agronomic practices and other for enhancing the value chains of tree resources. The following project activities are expected to take place to support the community :

* + Providing and increasing knowledge transfer as well as building the capacity of agroforestry to the communities to sustain the biodiversity, soil health, profitability, and increase sustainable ecosystem services in agriculture landscapes;
  + Creation of investment opportunities for the communities by providing agroforestry seedlings (tree, shrubs) production, Macadamia nut and fruit trees offered to the local households in agri-value chains;
  + To share knowledge and experiences of successful agroforestry practices in DeSIRA research sites for scale up to other areas and people;
  + To capacitate the communities on best agricultural practices.

# Scope of work and deliverables

## Scope

In the above-described context, the project has a tender for supplying **Fruit Tree Species** to the communities in Agroforestry systems of Semi-arid regions, Rwanda (Kirehe, Nyagatare, Gatsibo and Gasabo) which aimed at improving the livelihoods. The total number of seedlings to be provided to the communities is 8,160 seedlings of diverse fruit trees and macadamia nuts as illustrated in the below table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Item to be procured** | **Species and specifications** | **Quantity to be supplied** | **Delivery period** |
| **1** | Fruit trees seedlings | Persea americana (avocado) Hass variety (70%) and fuerite (30%) | 5,600 | By November 15th, 2024 |
| Mangifera indica (Tommy atkins or Knet) | 2,400 |
| **2** | Macadamia nut | Macadamia nut | 160 |
| **Total** |  |  | **8,160** |  |

## Deliverables

* Delivery of 8,160 fruit seedlings to the communities at Mukama, Nyamugali, Kabarore and Gikomero sectors in Nyagatare, Kirehe, Gatsibo and Gasabo Districts respectively.
* Provide technical assistance to the farmers during the planting and advise them on pests and diseases control **including the supply of products for plant protection.**

## Technical specifications and standards

The fruit tree species to be supplied shall comply to the following specifications:

* Seedlings must be healthy, free from pests and diseases, ready for planting by November 15th, 2024.
* Higher physiological vigorness of 20-40 cm of height.
* The pots/tubes of 15-20 cm diameter and 15-20 cm height in size.
* All seedlings except macadamia must be grafted.
* Seedlings must be resistant to pests and diseases with healthy and certified scions.
* Preferably the seedlings should be sourced from the same landscape and microclimate as the planting area.

# Requirements

The bidding firm/individual is required to fulfil the following requirements:

* Technical proposal for the implementation of the work considering technical specifications as described above.
* Financial proposal submitted in accordance with the technical specifications and deliverables.
* Implementation plan to cover the four sites according to seasonal contexts in the regions.
* Company/individual profile showing the background and addresses.
* Registration certificate from RDB.
* Certificate of valid RRA tax clearance.
* Completion certificate of similar work.

# Financial offer

The service provider must provide a clear Bill of Quantity (BoQ) indicating the unit cost for one seedling, the total cost taxes inclusive, and delivery timeline including the transportation costs to the sites following the below table:

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Species** | **Unit cost (Rwf)** | **Total cost (Rwf)** |
| **1** | Persea americana (avocado) has variety (70%) and fuerite (30%) |  |  |
| Mangifera indica (Tommy Atkins or Knet) |  |  |
| **2** | Macadamia nut |  |  |
| **Total** |  |  |  |

**6.Submission address**

**Interested Individual Consultant and/or Consultancy Firms should submit their applications including Technical and Financial Proposals electronically to**[tenders.rwanda@iucn.org](mailto:tenders.rwanda@iucn.org" \o "tenders.rwanda@iucn.org" \t "_blank)**. The application deadline is October 21st, 2024, at 5: 30 PM (CAT). Applicant should submit password protected document. The password is submitted one day after the submission deadline. During the application period, kindly, contact**[tenders.rwanda@iucn.org](mailto:tenders.rwanda@iucn.org " \o "tenders.rwanda@iucn.org " \t "_blank)**for any inquiry regarding this call.**