



TECHNOSERVE

Title: GIS data collection consultant
Reports to: Chief of Party, BeninCajù
Location: Benin
Duration: 2-4 months depending on team size
Dates: May-July 2019

I. TechnoServe Background

TechnoServe works with enterprising people in the developing world to build competitive farms, businesses and industries. We are a nonprofit organization that develops business solutions to poverty by linking people to information, capital, and markets. Our work is rooted in the idea that given the opportunity, hardworking men and women in even the poorest places can generate income, jobs and wealth for their families and communities. With more than four decades of proven results, we believe in the power of private enterprise to transform lives.

II. Context

Responding to high demand in the global cashew market and the superior quality of their raw product, Benin's cashew cultivation has expanded more than tenfold in the past two decades. Yet processing capacity and other value chain inefficiencies have kept the sector from reaching its potential, and Benin still exports 90% of its cashew as unprocessed raw nut.

Started in September 2015, the BeninCajù project, funded by the U.S. Department of Agriculture and implemented in partnership with Catholic Relief Services, is strengthening and expanding the cashew sector into a more productive, competitive, sustainable, and inclusive economic growth engine for the people of Benin. BeninCajù seeks to create nearly 4,000 jobs in the cashew processing industry – 70 percent of which are for women – and improve the income of almost 50,000 producers, which represents a quarter of all cashew farmers in Benin. The program will serve twelve of the country's cashew producing municipalities and support at least 10 processing plants.

In order to create a more productive and inclusive local cashew industry, it is necessary to ensure tight, efficient integration between value chain actors. Moreover, maximum project impact requires resources be precisely targeted. Disparate research and data on cashew production and processing in the country make it difficult to fully understand the current state of the industry, including the application of good agricultural practices, the size of plantations, and the precise location and proximity of key industry assets like warehouses, nurseries, and processors. In this context, BeninCajù is leading an effort to collect GIS data on the industry so as to create a comprehensive map of the value chain. This map will serve as a key resource to guide interventions from the government and other industry stakeholders.

III. Purpose

The purpose of this assignment is to map farmer plantations and other industry assets located in the key cashew-producing regions of Benin.

IV. Tasks and Responsibilities

The selected consultant will be expected to complete the following tasks:

1. Recruit and train a team of enumerators to conducting mapping exercises
2. Carry out digital mapping of key assets in select cashew-producing departments of Benin¹ :
 - a. Area mapping of cashew plantations belonging to roughly 30,000 farmers, resulting in a shapefile permitting calculation of total area including metadata on farmer name and contact information. A list of farmers to survey will be provided.
 - b. Area mapping of plantations of farmer demonstration plots including metadata on farmer name and contact information. A list of farmers to survey will be provided.
 - c. Points of approximately 250 Nurseries. A list of nurseries to survey will be provided.
 - d. Points of approximately 100 Warehouses including metadata on size and ownership. An initial list will be provided, but any warehouses observed in cashew producing areas surveyed should be registered.
 - e. Integration of existing datasets on processors and high-yielding trees
3. Review and clean dataset

V. Deliverables and Key Dates

The Consultant will be responsible for the following deliverables and preliminary timeline, to be finalized after contract award.

Date	Deliverable
22 March 2019	Draft workplan
29 March 2019	Final workplan, revised with feedback from BeninCajù staff
29 March 2019	Enumerator training outline
10 May 2019	Cleaned GIS database (shapefile compatible with QGIS)
10 May 2019	Summary activity report, including lessons learned

VI. Logistics

All travel and logistics to execute this assignment shall be organized by the consultant. No travel outside of Benin is anticipated.

VII. Required Skills & Experience

¹ Atacora (Kérou, Kouandé, Pehunco), Borgou (N'Dali, Nikki, Parakou, Tchaourou), Collines (Bantè, Dassa-Zoumè, Glazoué, Ouessè, Savalou, Savè), Donga (Bassila, Copargo, Djougou, Ouaké), Plateau (Kétou), Zou (Djidja)

- Bachelor's degree in economics, international development, agricultural development, data science, or other relevant field
- At least 2 years of experience collecting data in rural areas, preferably in Benin
- Experience collecting GIS data would be a plus
- Ability to recruit and train a team of enumerators
- Ability to work independently and autonomously
- Willing to travel to remote rural areas in Benin
- French fluency required, English desirable

VIII. Terms and Conditions

1. The Request for Proposal is not and shall not be considered an offer by TechnoServe.
2. All responses must be received on or before the date and time indicated below. Schedule of Events. All late responses will be rejected.
3. All unresponsive responses will be rejected.
4. All proposals will be considered binding offers. Prices proposed must be valid for 60 days after the proposal deadline noted below in IX. Instructions
5. All awards will be subject to TNS contractual terms and conditions and contingent on the availability of donor funding.
6. TNS reserves the right to accept or reject any proposal or cancel the solicitation process at any time, and shall have no liability to the proposing organizations submitting proposals for such rejection or cancellation of the request for proposals.
7. TNS reserves the right to accept all or part of the proposal when award is provided.
8. All information provided by TNS in this TOR is offered in good faith. Individual items are subject to change at any time, and all bidders will be provided with notification of any changes. TNS is not responsible or liable for any use of the information submitted by bidders or for any claims asserted therefrom.
9. TNS reserves the right to require any bidder to enter into a non-disclosure agreement.
10. The bidders are solely obligated to pay for any costs, of any kind whatsoever, which may be incurred by bidder or any third parties, in connection with the Response. All responses and supporting documentation shall become the property of TNS, subject to claims of confidentiality in respect of the response and supporting documentation, which have been clearly marked confidential by the bidder.
11. Bidders are required to identify and disclose any actual or potential Conflict of Interest.

IX. Instructions

All proposals shall:

1. Be in the English or French language.
2. Include an estimated budget, including the applicant's daily rate, required additional non-TechnoServe personnel, etc. Costs should be detailed in US Dollar or XOF, with applicable Tax/Charges clearly identified.
3. Provide requested payment terms and conditions.
4. Describe the qualifications, experience and capabilities of the firm in providing the type of services being request by this TOR. Resumes or CVs of "key personnel" shall be submitted as an attachment.
5. Include a contact name, email address, and telephone number to facilitate communication between TNS and the submitting organization.

6. A brief outline of the organization and services offered, including:
 - a. Full legal name, jurisdiction of incorporation and address of the company
 - b. Full legal name and country of citizenry of company's President and / or Chief Executive Officer, and all other officers and senior managers of the company
 - c. Year business was established
7. A descriptive of:
 - a. Project Approach/Methodology
 - b. Work Plan
 - c. Project Schedule
 - d. Project Deliverables
8. List of 2 references who can attest to the applicant's experience and expertise as it relates to this project and this ToR

Local firms are encouraged to apply.

All applications must be submitted by 5:30pm, April 15, 2019 electronically to offresbenin@tns.org with in cc tnsbenin@tns.org.