

Protected: SPA – CARDI -Irrigation for Sour Sop Project #Q3 2024. (Report # 1 of 3)



SIMPLY PURE AGROPROCESSING

CARDI Irrigation Supported Project Report 1 of 3.

Contracted Effective Start Date: 19th July 2024

Contracted Agreement Sign off Date: 13th August 2024

Project Execution Phase (4 months). SPA requested 4 months to execute and complete the project.

Project Deadline by CARDI: Fix end date for spending: 30th October 2024

Report Period: 16th September 2024 to 28th October 2024 (1 month and 2 weeks of project life from receipt of funds)

Project Phase: Execution – Procurement.

Current Request: Request for disbursement of (**EUR 2,952.00**) to construct the tank holding areas (6 feet x 30 feet). (See notice of procurement and estimates for materials and labor for the 6 x 30 platform to accommodate 5 unit of 100 gallons tanks.) *Attachment 3*

Project Overview:

This report outlines the procurement and supplier interactions involved in sourcing irrigation materials for the CARDI-supported irrigation project. The initial fund of **16,726 EUR**, equivalent to **18,311.62 USD**, became available on **13th September 2024** to support the project's implementation. Below is a detailed breakdown of supplier engagement, procurement activities, and final budget allocations for the project's irrigation system and water tank procurement.

1. Supplier Engagement and Responses:

A request for irrigation supplies was sent to several local suppliers on **2nd September 2024**, including:

- **F&N – F&N Farm**
- **Ramdhanny's True Value Hardware**
- **Affordable Communication/AI Communication**
- **Renwick, Thompson & Co. Ltd.'s Agriculture Shop**

Responses:

- **AI Communication:** They were the only supplier to respond promptly. They provided valuable support by leveraging their partnership with **DripDot**, a tree drip irrigation system provider.
- **F&N:** They disclosed a limited stock of the requested items but were unable to fulfill the complete order.
- **Renrick and Thompson:** Both indicated they did not have the required supplies.

2. AI Communication and DripDot Collaboration:

AI Communication facilitated further collaboration between the SPA Design Team and **DripDot**. This interaction helped refine the specifications and details of the final order, ensuring that the project needs were met within the allocated budget.

3. Budget and Procurement Details:

- **Drip Irrigation System:**
- The total cost for the **DripDot system** was **USD 15,500.00**, including all materials and shipping costs, on a **CIF (Cost, Insurance, and Freight)** basis to the **Port of Grenada**.
- **Water Tanks:**
- The project required five **1,000-gallon water tanks**, which were directly procured from a supplier in Trinidad.
- The total invoice for the water tanks was **EC\$10,305.40**, with delivery to the **Port of Grenville, Grenada**.

4. Final Allocations:

Item	Supplier	Total Cost (USD)	Total Cost (EC\$)
Drip Irrigation System	AI Communication	15,500.00	41,850.00
5 Water Tanks (1,000 Gallons)	Trinidad Supplier	3,820.00	10,305.40

Item	Supplier	Total Cost (USD)	Total Cost (EC\$)
Total		19,320.00	52,155.40

Note: Conversion rate used for EUR to USD was based on the initial available funds, while USD to EC\$ conversion rate used for Trinidad tank procurement was 2.70 EC\$/USD.

5. Conclusion:

The CARDI-supported irrigation project successfully procured the essential materials within the allocated budget. Collaboration between the SPA Design Team and **AI Communication/DripDot** led to a well-defined order that met the project's requirements. The water tanks procured from Trinidad were an additional crucial component of the system. The project is in the state of closing procurement to ensure that we can begin the installation of system as outline in the original project plan.

Prepared by:

Marlon St. Louis
28th October 2024



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SIMPLY PURE AGROPROCESSING

WHO ARE WE?

Simply Pure Agro processing (SPA) is a locally owned and operated Limited Liability Company owned and operated by Grenadians. The company has been operating for the past 5 years supplying soursop fruit and pulp to the U.S. and Trinidad markets. Simply Pure Agroprocessing is owned and managed by Grenadians Marlon St. Louis and Dawn Williams. Both parties are young business entrepreneurs with a combined 25 plus years of business and professional experience.

Subject: Item for the Irrigation System – Simple Pure Agriculture, Grenada

Request for Quotation (RFQ)

Date: 2nd September 2024

To Whom It May Concern,

Subject: Request for Quotation for Drip Irrigation System Materials

Dear Supplier,

Simple Pure Agroprocessing (SPA) is pleased to announce that we have partnered with the Caribbean Agricultural Research and Development Institute (CARDI) to implement a project aimed at enhancing the irrigation systems for sour sop tree cultivation in Belair, St. Andrew, and Rose Hill, St. Patrick's. As part of this initiative, we are seeking quotations from reputable suppliers for the procurement and delivery of irrigation system materials.

We invite your esteemed company to submit a comprehensive quotation for the following Bill of Materials required for the "SPA 50 tree system (Drip Only)." We are

planning to purchase materials for 30 such systems. Each system should include the listed components per kit:

Bill of Materials for SPA 50 Tree System (Drip Only)

Name	Quantity
3/4" Hose Thread Filter	1
Barb Tubing Coupling - Size: 1/4"	100
Barb Tubing Tee - Size: 1/4"	100
Pro Punch - 1/4" Hole	1
Goof Plug - Size: 1/4"	50
Perma-Loc Tubing Coupling - Size: 3/4"	2
Perma-Loc Tubing x 3/4" FHTS Adapter	1
Perma-Loc Tubing End Cap - Size: 3/4"	1
1/4" Polyethylene Dripline - 12" Emitter Spacing	4
1/4" Polyethylene Tubing - 100' Length	3
3/4" Hose Thread Pressure Regulator - 25 PSI	1
3/4" Polyethylene Tubing - 500' Length	1
Brass Vacuum Breaker - 3/4" GHT	1
6" Heavy Duty Wire Staple	150

Additional Components Required

Polyethylene Mainline Tubing

- **Size:** 3/4" (0.820" ID x 0.940" OD) - Length: 500'
- **Quantity:** 25 extra units

Head Assembly Units

- **Quantity:** 10 units (each set includes the following components compatible with the above list):
 - Hose End Irrigation Timer
 - Hendrickson Bros J10 Vacuum Breaker (Backflow Preventer)
 - 3/4" GHT Canister Filter
 - Senninger 3/4" GHT 25 PSI Pressure Regulator
 - 3/4" FHTS x 1/2" Poly Tubing Adapter

Solar Charged Pumping Units

- **Description:** Solar Well Pump Kit with Battery Backup, 12V Solar Water Pump + 120W Solar Panel Kit + 10Ah Battery for Well, Irrigation, Filling Water Tank
- **Quantity:** 1 unit

We request that the products be delivered to our office in Grand Brass, St. Andrew's. Please include delivery costs, lead times, and payment terms in your quotation.

We look forward to receiving your detailed quotation by [Insert Deadline Date]. Should you have any questions or require further clarifications, please do not hesitate to contact us.

Thank you for considering this request.

Sincerely,

Marlon St. Louis
 Simple Pure Agroprocessing
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www.simplypureagroprocessing.com

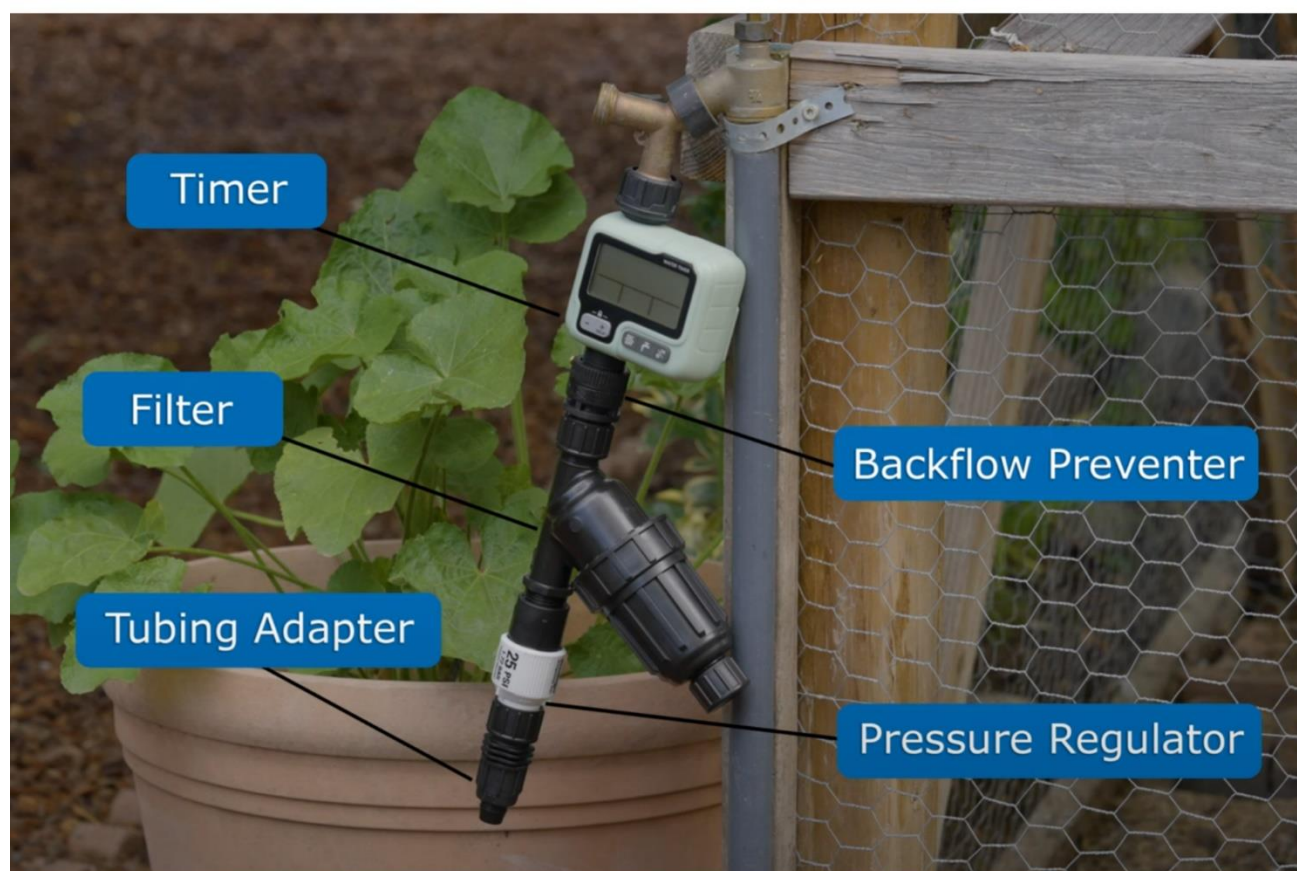
We need complete quotation and guaranteed delivery within 2 to 3 weeks.

Items Needed for the Sour Sop SPA Drip System Kit:



Item that must be included for the 10 head assembly systems.

Items Needed for the Sour Sop SPA Drip System Kit:



Bill of materials for the construction of the tank placement facility.

Item	Description	Cost Estimate
Cements	15 bags	\$900.00
Gravels	2 small truck loads	\$600.00
Sand	1 small truck load	\$560.00
Bricks 8 inch	100 units	\$500.00
		EC \$2,560

**** Job to construct the hosting space for tanks EC\$1,500.00**

Ship To: [edit](#)

CaribTrans - AisleCom Grenada
 Dave George AisleCom Grenada -Carib Trans
 11401 NW 107TH ST STE 300
 MIAMI, FL 33178-3382

Bill To: [edit](#)

Simple Pure Agroprocessing SPA
 SPA SPA
 Grand Bras
 St. Andrew
 St. Andrew, AK Grenada

Delivery: [edit](#)

Service Name: FREE SHIPPING
 Estimated Delivery: 2024-09-25
 Instructions: CaribTrans - AisleCom Grenada 11401

	6" Heavy Duty Wire Staple	4500
	Brass Vacuum Breaker - 3/4" Garden Hose Thread	40
	Polyethylene Tubing - Size : 3/4" (0.820" ID x 0.940" OD) - Length : 500'	55
	3/4" Hose Thread Pressure Regulator - PSI : 25 PSI	40
	Polyethylene Tubing - Size : 1/4" (0.170" ID x 0.250" OD) - Length : 100'	90
	1/4" Polyethylene Dripline - Emitter Spacing : 12" - Flow Rate : 0.5 GPH - Roll Length : 100' - Color : Black	120
	Perma-Loc Tubing End Cap - Perma-Loc Size : 3/4"	30
	Perma-Loc Tubing x 3/4" Female Hose Thread Swivel (FHTS) Adapter - Perma-Loc Size : 3/4"	40
	Perma-Loc Tubing Coupling - Size : 3/4"	60
	Goof Plug - Size : 1/4"	1500
	Pro Punch - 1/4" Hole	30
	Barb Tubing Tee - Size : 1/4"	3000
	Barb Tubing Coupling - Size : 1/4"	3000
	3/4" Hose Thread Filter	40