**REQUEST FOR PROPOSAL  
SPECIFICATION OF SPECIFIED GOODS**

**Procurement No:** **RFP-18-G001-22**

## Specification

### Background

The Kiritimati Copra Mill project is one of the top priorities for MTCIC because of the difficulty in transporting tonnes of raw copra from the Line Islands to KCDL processing plant in Tarawa. The establishment of KCDL processing plant in Kiritimati will solve the problem in dealing with the mounting amount of copra in the Line Islands and it will also sustain the livelihood of people on the island. The quality of copra depends on the length of time from cutting and packing to crushing. The issue of copra overstock and recycling on these line islands is critical which leads to the abuse of copra subsidy will be addressed and it is highly envisaged that raw copra (in tonnes) will be crushed a few days after cutting and packing. The plant will also improve export returns from exporting copra directly to overseas.

Purpose of the procurement is to source a suitable supplier (manufacturer) to offer a complete set of Copra mill processing plant at capacity of 15 tonnes of copra crushed per day. The complete quotation to offer should comprise the five main facilities of the plant such as; The Complete set of machineries, Complete prefab building, Steam system (boiler), Main storage tank for produced copra oil, Power electrical system (Generator) and Installation and commissioning.

### Requirements

1. ***Complete Set of machinery:***

- Capacity 15MT of copra per day (Operational hours 24hrs)

- Double pressing (1st press & 2nd press)

- Complete with processing line components: Elevators, conveyors, motors, filtered oil, filter presses, hammer mills, copra cutters, kettle/cookers for drying copra etc

- Electrical control panels & wires

- Pipe fittings etc

- Model brand exact type of machines currently used by KCDL

- Quality of finished product: Residual oil content at 7% - 9% max & temperature at 40-50 degree

2. ***Boiler steam system:***

- Capacity about 800-1000 ltrs per day (recondensed)

- Steam production at 900-1000 kg/hr (up to 105 psi)

3***. Final Oil tank:***

- Capacity of 500 metric tonnes

- Material – Mild Steel (Best & Corrosion resistance)

4. ***Complete prefabricated building:***

- Material free corrosion

5. ***Power Electrical system (Generator)***

- Silence Genset

- 250 to 300 kva

### Installation services

The installation of services should be started in mid July 2022.

### Delivery Time

The delivery of all goods is expected to be early July 2022

## Description of the Goods

*Here, list all items to be Tendered*

*(This part may be replaced by a proprietary Supplier description)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pos.** | **Description** | **Number** | **Delivery Time (to be verified or Tendered)** | **Price (to be Tendered)** |
| 1 | |  |  | | --- | --- | | **Project Compnt #** | **Main Project Components Costing** | | **1** | Complete set of Machinery | | **2** | Steam boiler system | | **3** | Final Storage Tank | | **4** | Complete building | | **5** | Power Electrical System Generator | | **6** | Construction, Installation and Commissioning | | **7** | Capital | | **8** | EIA Local Consultant | | **9** | Building permit cost | |  | Project Cost | |  | Contingency (10%) | |  |  | |  | **Overall Project Cost** | |  |  | |  |  |  |
| 1 | Complete Set of machinery |  |  |  |
| 2 | Steam Boiler system |  |  |  |
| 3 | Final storage Tank |  |  |  |

## Tenderer’s References

### Relevant similar deliveries carried out in the last five years

Please, provide information on each delivery for which your firm/entity, either individually as a corporate entity or as one of the major companies within an association, was legally contracted.

|  |  |  |  |
| --- | --- | --- | --- |
| **Goods delivered** | **Buyer** | **Contact details** | **Value** |
|  | **Anderson brand at 20mt copra crush/day cap** |  |  |
|  | **Goyum brand at 15mt copra crush/day cap** |  |  |
|  |  |  |  |
|  |  |  |  |