

## Grassroots Research And Advocacy Movement

### Procurement Notification

No: GRAAM/PRG/SB/20-21

Date: 25<sup>th</sup> Feb 2021

### Inviting Quotations for Food processing Machineries

GRAAM has taken up a social business project in the Belikere village in the Mysore districts of Karnataka. As part of the social business project, it is planned to establish millet food processing unit at Belikere village, Hunsur Taluk. Quotation is invited from the authorized manufacturer / supplier. Following are the basic features / specifications of the machineries we are expecting and after sales services that are required to provide. However, the manufacturer / supplier can suggest / offer the product and services beyond basic (mandatory) specification / features.

Required machineries to be procure is as under.

| Sl.no | Machineries  | Specification  | Quantity |
|-------|--|--|----------|
| 01    | <b>Cleaner cum grader, Destoner</b> or Cleaning Machine to clean any food grains like Ragi, Rice Wheat, Millets, Spices etc. | The vibrating type, sieve type cleaner cum grader is required to separate impurities from ragi. A magnetic separator to separate tramp iron from the millet mass should be provided at the inlet itself. This magnetic separator should have provision for the continues removal of the tramp iron so separated. The unit should have provision for even distribution of material on screen surface, efficient decogging systems to prevent choking of all the screens, provision for quick removal and insertion of screen through quick removal clamps. Destoner should be of pressure type for continuous destoning of grains. The unit should be of all steel construction with vibratory deck and will balanced built in fan. All the vibratory components should be properly balanced. The unit should have facilities for independent alteration of inclination of deck. Volume of air adjustment for accurate final separation of grains by counter current of air should be possible. The unit should be complete with the aspirator to separate all the light impurities. Necessary fittings with feed hopper, regulators for uniform flow of grain across the entire width of the deck with all essential accessories should be provided. The unit should | 01       |

|    |   |  |    |
|----|---|--|----|
|    |   | be fitted with appropriate capacity TEFC induction motor/s of reputed make to run 3 phase.   |    |
| 02 | Huller  | Engelberg type huller No.01 or No 02, V-belt driven with metallic rotor is required for the degluming of ragi. The huller screen should be with slots of 0.5 / 0.7mm. the unit should be completed in all respects with suitable continuous rated TEFC squirrel cage induction motor and starter of reputed to run on 3 phase.   | 01 |
| 03 | Aspirator   | All classifiers for separation of lighter impurities from grains. The unit should consist of a feed hooper with vibratory discharge at the bottom to feed the stock into the air stream, and a well – balanced blower to blow the air into the classification chamber.   | 01 |
| 04 | Pulveriser (Rock Emery Stone Moisture resist) Mill) | Standard Heavy duty. 20” Flour mill. 7.5 hp motor, 125kg / hr, 3 phase.  | 02 |
| 05 | Gyro sifter   | Double deck gyratory grader is required to sift 100kg / hr of flour material. The decks should be mounted on suitable frame work and provided with controlled feeding from hopper and discharge chutes. All the vibrating components should be properly balanced. The unit should have facilities for easily changing the sieves. The unit should have suitable mechanisms for declogging of sieves. The unit should be completed in all respects with suitable continuous rated TEFC squirrel cage induction motor and starter of reputed make to run on AC supply. 60-mesh sieve | 01 |
| 06 | Disintegrator                                       | Variable speed for breaking of flour lumps.  | 01 |
| 07 | Autoclave   | circular type with hinged door to withstand steam pressure 5kg/cm <sup>2</sup> . with multi try fitted.  | 01 |
| 08 | Drum Roaster  | 50 kg, LPG / electricity controlled and auto cut and roasted about 70 - 75°C.  | 01 |
| 09 | Tray Dryer 48 trays capacity                        | The dryer should be dry germinated grains at 40-55% m.c (w.b) to 10-12% m.c. using hot air Max. tem 100° C, operating tem 45-60° Electricheated drier 48 trays should be provided with suitable thermostatic control (Proportional preferred),   | 01 |

|    |                                |   |    |
|----|--------------------------------|---|----|
|    |                                | analog / digital thermometers, air blowers, timers and air vents. One extra set of trolley with 48 trays should be supplied. The parts coming contact with food material should be made of SS 304. The unit should be fitted with appropriate capacity TEFC induction motor of reputed make to run on 3 phase AC supply and suitable switchgear for continuous operation. |    |
| 10 | Band sealing machine           | Heavy duty Vertical Packing Machine Continuous Band Sealer. The machine is suitable for small standee / pillow bags packing and adopts electronic constant temperature control system and stepless speed adjusting transmission mechanism. It can seal plastic film of various materials.   | 01 |
| 11 | Heat sealing machine           | 8" sealing machine  | 03 |
| 12 | Bag closer sewing machine      | Bag Closer Single Stitch Sewing Machine with Pump   | 01 |
| 13 | barcode label printer.         | Wax printing  | 01 |
| 14 | Digital Weighing Machine       | 0 to 2 kg   | 02 |
| 15 | Digital Weighing machine heavy | 0 to 50 kg  | 01 |

### **Period of Work and time line:**

- Product should be delivered to the Belikere food processing unit by 15<sup>th</sup> April 2021.

### **Other Services expected**

1. Minimum one-year warranty and service by the vendor.
2. On site support for training and installation.
3. Transportation should be provided free of cost.
4. On site maintenance / repair should be provided for at least 3 years free of cost.

**Location / Installation Site:**

Products should be delivered to the project location provided by the GRAAM along with the purchase order. The location will be in the radius of 22 kilometers from Mysore, headquarter

**Payment Terms:**

1. Initial 75% of the payment shall be made within 07 days of delivery of the product to the given locations.
2. 25% of the payment will be released after completion of the installation upon submitting installation completion report and machinery running status by the vendor along with the invoice, warranty card, company service station contract details.
3. No advance payment shall be made.

**Last Date to submit product details and quotation:** 6<sup>th</sup> March 2021 within 17:00 Hours.

Hard copy of duly signed quotations should be submitted to the below address. **Email and soft copy of the quotations will not be considered.**

**The Executive Director, GRAAM, CA-2, KIADB Industrial Housing area, Hebbala Ring road, Mysore – 570016.**

For clarifications, contact: +91-8026655055 /+91-9448979330

**Sd/-  
Executive Director  
Grassroots Research And Advocacy Movement**

**Vendor Statement:**

I have read the procurement notification completely and hereby confirming my acceptance with the terms and conditions stated above.

**Signature of the Vendor:****Date:****Name:**