



CHHATTISGARH STATE MINOR FOREST PRODUCE
CO-OPERATIVE FEDERATION, LTD.

"Van Dhan Bhawan" Sector 24, Nawa Raipur Atal Nagar (C.G.)

E-mail: mfpfed.cg@nic.in; Website: www.cgmfpfed.org GST No. 22AABAC5137E2ZC

Prebid Query Response/ Corrigendum (Revised Clause)/Addendum (01) - (Date 28-12-2023)

With reference to NIT No. Fed/Processing Machines/2023-24/III, Date: 13.12.2023, "Supply, Installation, Testing, Commissioning, Integration and Training of various processing machines at Incubation Center Deobhog, District-Gariyaband, the Authority has received queries/ amendment requests via e-mail and during the pre bid meeting in accordance with the Tender Conditions. The final responses to the queries/ amendment requests and Corrigendum (Revised Clause)/Addendum may be referred below:

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1	NIT Clause 15- Eligibility Criteria reference clause 15.2 FINANCIAL CRITERIA	8	Average Annual Turnover: The Bidder should have average annual turnover of Rs. 100 lakhs during the last three financial years (i.e., 2020-21, 2021-22 & 2022-23). (CA certified Financial statement and annual turnover having UDIN must be uploaded).	MSME Exemption for prior experience and Turnover	No change. Eligibility Criteria as per NIT Clause 15.
2	NIT SECTION-I: NOTICE INVITING TENDER - Clause 3 Table 2 Detailed Information of Processing Machine	5	Total PAC: 1,58,90,000/-	The budget proposed for the above units should be 11% more than 2.7 Crore. Instead of 1.58 Crore Proposed in the tender	No Change, Fair price discovery from On line Bid.
3	Cover Page	1	Part A- PAC Rs 159 Lakhs Part B- PAC Rs 15 Lakhs Total PAC Rs. 174 Lakh		Part A- PAC Rs 171 Lakhs Part B- PAC Rs 15 Lakhs Total PAC Rs. 186 Lakh
4	NIT SECTION-I: NOTICE INVITING TENDER - Clause 3 Table 2 Detailed Information of Processing Machine	5	101 Chironjee Processing Unit Machine: PAC Estimate (INR)- 22,50,000/- 102 Neem/Mahua/Kusum/Groundnut Oil Processing and Chikki Making Unit: PAC Estimate (INR)- 41,75,000/- 103 Masala Processing Unit: PAC Estimate (INR)- 53,75,000/- 104 Primary Processing Unit: PAC Estimate (INR)- 10,70,000/- 105 Lac Processing Unit: PAC Estimate (INR)- 17,10,000/- 106 Pulse Milling Unit: PAC Estimate (INR)- 13,10,000/- Total PAC: Rs /- 1,58,90,000/- Total PAC: Rs 159 Lakh (rounded)		101 Chironjee Processing Unit Machine: PAC Estimate (INR)- 22,50,000/- 102 Neem/Mahua/Kusum/Groundnut Oil Processing and Chikki Making Unit: PAC Estimate (INR)- 41,75,000/- 103 Masala Processing Unit: PAC Estimate (INR)- 53,75,000/- 104 Primary Processing Unit: PAC Estimate (INR)- 23,00,000/- 105 Lac Processing Unit: PAC Estimate (INR)- 17,10,000/- 106 Pulse Milling Unit: PAC Estimate (INR)- 13,10,000/- Total PAC: Rs1,71,20,000 /- Total PAC: Rs 171 Lakh (rounded)



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5	NIT SECTION-V TECHNICAL SPECIFICATIONS	25	<p>101 Chironjee Processing Unit:- 10101. Double shelling machine: i) Capacity 100 Kg/ Hr, ii) Sheller Size – 14",iii) Motor - 2 HP 1440 Single Phase,iv) Chalna Size – 8' x 3',v) Production Capacity – 300 Kg per Hr., vi) Sheller Hoffer Capacity – 1.5 Quintal</p> <p>10102 Chalna Double Compartment:- i) Capacity - 100-150 Kg/ Hr,ii) Chalna Size – 8' x 3', iii) Motor - 1 HP 1440 Single Phase.</p> <p>10103 Chironjee Dana Separator:- i) Capacity – 2 Ton per Hr.,iii) Chalna Size – 8' x 3',iv) Motor - 3 HP 1440 Three Phase, v) Separate – Small, Medium, Large, Hathu</p> <p>10104 Dryer Machine:- i) Capacity – 100 Kg per Hr.,ii) Electric Operated, iii) Small Blower – 1 Nag, iv) Hitter – Tray Model, v) Tray – 4 Compartment</p> <p>10106 Vacuum Packing Machine:- i) Capacity – 3 Ton per day, ii) Package Size – 250gm – 1000 gm</p>	<p>101 Chironjee Processing Unit:- I. 10101 Double Shelling Machine:- Motor should be 3 Phase, as all the machines are in 3 phase supply & has batter performance.</p> <p>II. 10102 Chalna Double Compartment:- Motor should be 3 Phase, as all the machines are in 3 phase supply & has batter performance. Please clarify the double compartment means 2 separate shoe/ cradle shaker or 2 screens.</p> <p>III. 10103 Chironjee Dana Separator:- It should be of Matching capacity instead of 2 Ton per hour.</p> <p>IV. 10104 Dryer Machine:- As the capacity of the dryer machine should be per batch instead of per hour basis. However, material recirculating type is the batter option for uniform & fast drying instead of tray dryer.</p> <p>V. 10106 Vacuum Packing Machine:- Packing machine weight type should be clarify (volumetric or weight basis). The exact packet size should be mentioned.</p>	<p>101 Chironjee Processing Unit:- 10101 Double Shelling Machine- Capacity 100 Kg/ Hr, ii) Sheller Size – 14",iii) Motor - 2 HP 1440 (3) Three Phase,iv) Chalna Size – 8' x 3',v) Production Capacity – 300 Kg per Hr., vi) Sheller Hoffer Capacity – 1.5 Quintal</p> <p>Motor 2 HP Three Phase 440 V, Horizontal plate type mill with a provision to adjust the clearance between plates. One plate should be stationary while other plate should rotate (Plate Material SS-316). Feed hopper of 25 kg capacity or more with feed control mechanism. The machine should have a 3-screen system (Screen Material ss-304) to separate husk, broken kernel and whole kernels. Provision should be there to separate lighter particles using a blower and a cyclone dust collection system</p> <p>10102 Chalna Double Compartment- Capacity - 100-150 Kg/ Hr,ii) Chalna Size – 8' x 3', iii) Motor - 1 HP 1440 (3) Three Phase. 440 V, 3 perforated sieves of different sizes (depending upon guthli sizes) fitted in a reciprocating shoe via cam mechanism. Machine should separate bigger, medium and small size guthli. Provision must be there to change the screens with different aperture size screens and screen cleaning mechanism should be in place.</p> <p>Sturdy frame with minimum vibration, Feed hopper of 50 kg capacity with feed control gate. Fitted with starter, power transmission mechanism.</p> <p>10103 Chironjee Dana Separator- i) Capacity – 2 Ton per Hr.(matching capacity) ,iii) Chalna Size – 8' x 3',iv) Motor - 3 HP 1440 Three Phase, v) Separate – Small, Medium, Large, Hathu</p> <p>10104 Dryer Machine- i) Capacity – 100 Kg per Hr.(Batch size),ii) Electric Operated, iii) Small Blower – 1 Nag, iv) Hitter – Tray Model, v) Tray – 4 Compartment Dryer should have 4 Compartment each with 3 number of Trays (Size 600x450x40 mm), made from 20 Gauge thick SS 304.</p> <p>10106 Vacuum Packing Machine- i) Capacity – 3 Ton per day, ii) Packaging Size – 10g, 25 g 50 g,100 g, ,250 g, 500 g and 1000 g Vacuum packing to ensure increased shelf life with nitrogen flushing. Packaging should be Weighment Type, suitable for Body and structure made of SS-304; Nitrogen cylinder one of 20 kg capacity. Fitted with safety lids, digital pressure gauges, digital control for changing vacuum, and auto mode operation for vacuum/flushing Packaging Capacity-3T in one shift (8 hour) working.</p>



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6	NIT SECTION-V TECHNICAL SPECIFICATIONS	25-26	102 Neem Processing 10203 Long Automatic Feeding + Cooking Cattle with Steam Jacket: i) 60 W Power ; ii) 2 Ton capacity 10212 Strong Table: 10214 Bottle Filling Machines:-	102 Neem Processing I. 10203 Long Automatic Feeding + Cooking Cattle with Steam Jacket: Power & Capacity should be clarified. II. 10212 Strong Table:- Details may be provided. III. 10214 Bottle Filling Machines:- Capacity & Bottle size should be clarified.	10203 Long Automatic Feeding +Cooking Cattle with Steam Jacket - : i) 60 W Power ; ii) 2 Ton capacity Heavy Duty Double Bearing System, Oil expeller chamber size 22" x 4"(550x100mm) crushing capacity up to 100-120 kg/hr. complete with unique facility to open chamber cage on hinges (no weight lifting) & with facility to change cake thickness while running expeller (without stopping expeller) with "OIL BATH" system and having Helical Gear set arrangement. Round automatic feeding + cooking kettle with steam jacket + magnet (to protect expeller from getting damaged by iron metal). Motor – 12.5 HP (960 rpm) Three Phase 440V, with switch gear. Channel Base Frame suitable for oil expeller & motor. Pulley 36 x 3 x C for oil expeller. V-belts & Plain Belts for above M/c. 10212 Strong Table- Table Top Size 3000x1000mm made from SS 304 with robust support/ structure. Height to match with Filter Press. 10214 Bottle Filling Machine- 50,100,500,1000 ml bottle, Capacity-200 Bottles/hour
7	NIT SECTION-V TECHNICAL SPECIFICATIONS	26	103 Masala Processing I. 10308 Auger Filling Packing Machine:- i) Compressor And Conveyor ; ii) Production Capacity - 50-250 gm II. 10310 Masala Washer Machine:- i) Motor 2 HP (SS)	103 Masala Processing I. 10308 Auger Filling Packing Machine:- The range of packing size 50-250 Grms is very wide so may require 2 machines. II. 10310 Masala Washer Machine:- The details may be clarified	10308 Auger Filling Packing Machine- i) Compressor And Conveyor ; ii) Production Capacity - packaging size 20g,50, 100g and 250g. 10310 Masala Washing Machine- Machine for Washing of Ginger, Turmeric and similar raw material.
8	NIT SECTION-V TECHNICAL SPECIFICATIONS	27	104 Primary Processing Unit 10401 Vertical Bucket Elevator- i) 15 Feet Height 10402 Grader (3 Compartment)- i) Capacity 2 tonne/Hour 10403 Destoner:- i) Capacity 2 tonne/Hour 10404 Weighing Machine:- i) Capacity 0 – 500 KG 10405 Colour Sorter with Compressor:- i) Capacity 500 Kg/Hr	104 Primary Processing Unit I. The whole unit is to be mounted on structure which has not been mentioned including color sorter cabin with AC & storage bin for finished product & accordingly 1 more Elevator to be added. II. As discussed during Zoom meeting the budget proposed for this unit should be more than 50 Lakhs.	104 Primary (Processing Unit- 10401 Vertical Bucket Elevator- i) 15 Feet Height 10402 Grader (3 Compartment)- i) Capacity 2 tonne/Hour 10403 Destoner:- i) Capacity 2 tonne/Hour 10404 Weighing Machine:- i) Capacity 0 – 500 KG 10405 Colour Sorter with Compressor:- i) Capacity 500 Kg/Hr For 4 Nos Elevator suitable structure shall be inclusive in the package. Machine should be equipped with suitable Cyclone Dust Collector along with requisite Piping, Pipe fittings, Valves and necessary consumables for installation of Dust Collector out side the building
9	NIT SECTION-V TECHNICAL SPECIFICATIONS	27-28	106 Pulse Milling I. 10606 Packing Machine: Semi-Automatic II. 10608 Holding Bin:-	106 Pulse Milling I. 10606 Packing Machine: Type of packing machine like volumetric or weightment based & pouch sizes & no. of pouches per hour. II. 10608 Holding Bin:- The Holding bin capacity & material of construction like MS,	10606 Packing Machine- Semi-Automatic, Weightment Type Packing Machine required. Pouch Size 250g,500g,1000g,2000g. Packaging Rate-300Kg/Hour. 10608 Holding Bin- Capacity 500 Kg Material SS304



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10	NIT SECTION-V TECHNICAL SPECIFICATIONS	29	Note 1: Shall be part of respective machine supply & installation, power connection from DB board, switches, wiring, tubing/piping, foundation bolt, etc.	All the plants should have electric control panel for single point operation & motors should be of 3 phase for continuous & smooth operation.	Note 1: Each Machine shall have its own control Panel and individually operated. Power supply point shall be provided within 10 Meter radius and all necessary inputs like Cable, Support/Cable tray, Fittings, Switch gears, Machine Lighting (if required) etc. including safety requirement like earthing (if specifically required) shall be in bidders scope.
11	SECTION-VIII APPROPRIATE LAYOUT OF	40			SECTION-VIII APPROPRIATE LAYOUT OF PROCESSING UNITS has been added in the NIT and is being uploaded separately

The pre bid query responses and corrigendum/addendum provided by Federation above shall form part of the NIT documents. The above clarifications and amendments shall replace / get added in the relevant sections/clauses of the existing NIT documents.


Managing Director
Chhattisgarh State Minor Forest Produce (T&D)
Cooperative Federation Limited
Nawa Raipur, Atal Nagar (C.G)