

## Information about the MFPs wise equipment/toolkits required for primary processing of MFPs

S. No.	State/RO	Name of MFPs	Name of Equipment/Tool kits for primary processing	Estimate cost of equipment in Rs.	Potential supplier of equipment with Address, contact no and email ids.	Any other information about equipment /tool kits such as (specification, photo, mode of operation)
1	Bhubaneswar	Tamarind	Deseeding Machine	20500/- per Pcs	M/s Jindustan Wood & Iron Industry, Near Umeri, Jeypore R.S. (koraput Dist) Odisha- 764002, Mob- 7205597112, 9337849483	
			Hydraulic Pressed Machine for making tamarind cake			
			Manual Cake Making Machine	8000/- per Pcs	M/s Jindustan Wood & Iron Industry, Near Umeri, Jeypore R.S. (koraput Dist) Odisha- 764002, Mob- 7205597112, 9337849483	
			Traditional hand took kits for deseeding			
			Plastic sheet for drying			
			Weighing Scale ( 5 Kg)			
			Packagning Material			
2		Wild Honey	Dress set for collection of Honey	NA	NA	
3		Karanj Seed, Sal Seed, Mahuwa Seed, Chironjee Pods with seeds, Myrobalan,	Manual Decorticator Machine	19500/- Per Pcs	M/s Hindustan Wood & Iron Industry, Near Umeri, Jeypore R.S. (koraput Dist) Odisha- 764002, Mob- 7205597112, 9337849483	

4		Sal Leaves	Manual Dona Patal Making Machine	8200/- Per Pcs	M/s. SVR Industries , SVR Industries Issan Nagar, Sh. P. K Sahu, Mob- 9040697071 Balasore-756001, Odisha, India	
			Scewing Machine	4200/- Per Pcs	M/s. Usha International Ltd	
1	Andhra Pradesh	Tamarind	Deseeding Machine	30,000.00		
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			Hydraulic Pressed Machine for making, tamarind cake	40,000.00	M/s. Sri. Ramakrishna Engineering Works, SSI Regd. No. 01-20-04286 PM Near Navata Transport, Narsipatnam – 531 116 Visakhapatnam Dist.	6 kg capacity, 10 tones pressure, manual operating machine, fabricated with 40x40x5 mm, angulars size – 24” width, 43” long & 42” height, to make: 6 cakes of 1 kg each (or) 6 cakes of ½ kg each, at a time
			Manually Pressed Machine for making, tamarind cake		Shri. Chauhan M/S. HINDUSTAN WOOD & IRON INDUSTRY Near Umeri Jeypore Railway Station, JEYPORE, DIST - KORAPUT (ODISHA) - 764002. Phone- 7205597112.	6 kg capacity 10 tones pressure manual operating machine fabricating with 40x40x5 mm, angular size – 24” width, 43” long & 42” height. To make: 4 cakes of 1 kg each 4 cakes of ½ kg each
			Plastic Sheet for Drying	2,000.00		12x24 ft., above 110 gsm
			Weighing Scale with Weights from 1/2 kg to 5 kg.	3,500.00		
			Pacakging Material	Rs.30-40/-per kg		
			Tree Borne Oil Seeds	<b><u>OIL EXPELLING UNIT</u></b> (Capacity 25Kg./Hour)	150,000.00	
	Different tools for operation & maintenance of Machinery.					
	De-corticator for Hard Seeds like Sal, Karanj					

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<b>Amla</b>	Hand operated de-seeding Equipment			
	Amla Boiling Container			
	Plastic Sheet for drying (5' x 8' size)			
	Weighing Scale- 5kg Capacity			
<b>Wild/Rock Bee Honey</b>	a) Sting Protective Bee dress			Length of shirt from Helmet to down 44" Arm length 25", Width below the arms 27" & bottom 11" with elastic, Pyjama length 41", Waist 23" with a string (dori) and bottom with elastic 4".
	Hand Heavy gloves (long life)			8mm thick and 14" long
	Nylon Thin Tape Rope			18 mm thick properly twisted 130 ft long weighing 6.25 kg to 6.75 kg.
	Nylon Rope (Small)			
	Nylon String & Hammer			80 ft long weighing 300 – 400 gms
	Stainless Steel Knife (Big)			15" and 10" long
	Stainless Steel Knife (Big)			
	Iron Sieve with Container			
	Big Iron Bucket			Big – Height 14", Diameter- 14", Wt 2.10 kg (all maximum)
	Small Iron Bucket			Small – Height 10.5", Diameter-11", Wt. 1.20 kg ( all maximum)
	Chargeable battery torch / light			Heavy duty sold Battery ( 1 Big)
	Torch light ( 3 coiled) with battery			Heavy duty sold Battery ( 1 Small)
Big Plastic Tub			Height- 9", Diameter-15", Wt. 0.6 kg	

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		Honey Carriage Can (food Grade Plastic)			Height – 14”, Widht-11”, made of virgin plastic, weighing around 0.5 kg each.
	<b>Hll Grass</b>	Big Cutter			
		Iron Plier			
		Needles			
		Scissors			
		Measurement Tape			
	<b>Lac</b>	Sprayer	4425 per unit	M/s. Hindustan Seeds & Fertilizers S.No. # 3-6-318/3, Beside H.D.F.C.House,	
		Reagent (Pesticide)	1280 per ltr		
		Bavistin (Fungicide)	900 per kg		
		Rocker Sprayer ( RS -444)	3553 per unit	M/s. Jamsheed Iron & Steel CO., Siddimaber Bazar, Hyderabad.	
<b>Chhattisgarh</b>	<b>Tamarind</b>	Deseeding Machine	20500.00 EACH	M/s: Hindustan Wood & Iron Industries, Near Umeri Railway Station Chowck, Besides CWC NH-43, Jeypore-764002 [Odisha] Mobile No. 7205597112	Specification : [1] Weight = 39 Kgs [approx] [2] Height = 36 inch, Length = 16 inch [3] Operation : Manual [4] parts : Iron roller-6" length- 1 Nos [5] Plastic Roller - 6" Length 1 Nos [6] Gear 80th 1 No [7] Gear - 20th 1 Nos [8] Bearing 205 - 2Nos [9] Bearing 6203 with bracket - 2 Nos.
		Deseeding Machine	19200.00 EACH	M/s: Tribal Enterprises, Vilalge Asna, Via Jagdalpur District Bastar [CG] Pin code 494221 Mobile No. 919575579478 Email ID rajbihari11008@gmail.com	Specification : [1] Weight = 39 Kgs [approx] [2] Height = 36 inch, Length = 16 inch [3] Operation : Manual [4] parts : Iron roller-6" length- 1 Nos [5] Plastic Roller - 6" Length 1 Nos [6] Gear 80th 1 No [7] Gear - 20th 1 Nos [8] Bearing 205 - 2Nos [9] Bearing 6203 with bracket - 2 Nos.
		Hydraulic Pressed Machine for making tamarind cake		Available in Narsimpatna [AP]	Hyderabad RO will provide its details.
		Traditional hand took kits for De-seeding			
		Plastic sheet for drying			
		Weighing Scale ( 5 Kg)			
		Packagning Material			

		Tamarind Cake Making Mach	8500.00 EACH	M/s: Hindustan Wood & Iron Industries, Near Umeri Railway Station Chowck, Besides CWC NH-43, Jeypore-764002 [Odisha] Mobile No. 7205597112	Specification : [1] Manual operated Machine [2] Weight 30 Kg [approx] [3] Size of the machine : 30"x12"x14" [Ht]	
2		<b>Honey</b>	[1] Sting Protective Bee Dress [b] Green Bee Veil With ring [c] Black Bee Veil [2] Hand Leather Gloves [3] Rope Ladders [4] Twine Thin Rope [Nylon] [5] Nylon Rope [6] Safety Belt with Nylon Rope [7] Torch Light [3 Celled] with Battery [8] Clinical Gloves [9] Stainless Steel Knief [10] Stainless Steel Sieve with Container & Lid for draining/extracting honey from honey combs [11] Stainless Steel Bucket	17225.00 PER SET	M/s: Radhika Sales, Door No. 111-625, Kallare Puttur-574201 [Karnatak] Phone No. 08251-230569	Technical specifications for Wild Honey harvesting set is enclosed at Annexure-A
		DO'	21000.00 PER SET	M/s: Suraj & Co, Prop. Shri Korumilli Rah, d.No. 11-2-12, 3rd Street Seshayya Metta, Rajmundary [AP] Mobile No. 8106811428	DO'	
		DO'	17500.00 PER SET	M/s: K.A. Rao, D.No. 31-1-35, J.P. Road, Rajmundary E.G.Distt [A.P] Mobile No. 9949094199 Email ID - karao.honeytoolsandsolutions@gmail.c om	DO'	
1	<b>Maharashtra</b>	<b>Tamarind</b>	De-seeding Machine	Ranging from Rs.45,000 to 60,000/- (Approx) Depending up on size of the	(1)M/s Devika Industries Inc Rajkot, Gujarat (M)919632488174 and (2)M/s A.K.Products, Bilaspur,Chhtishgarh	

<p><b>(Tamarind Seeded, de-Seeded&amp; De-fibered)</b></p> <p><b>Tamrind Chapati</b></p> <p><b>Tamrind Brick</b></p> <p><b>Tamarind Pulp,</b></p> <p><b>Tamarind Paste</b></p>	<p>Hydraulic Pressed Machine for making tamarind cake</p> <p>Traditional hand took kits for deseeding</p> <p>Plastic sheet for drying</p> <p>Weighing Scale ( 5 Kg)</p> <p>Packaging Material</p>	<p>machine and capacity.</p>		
<p><b>Honey</b></p> <p><b>(Honey Harvesting tool kits for Scientific collection of wild Honey)</b></p>	<p>(1)Sting Protection Dress (Made of Jean Cloth) (3 sets)</p> <p>(2)Hand Gloves (Long life) (3 sets)</p> <p>(3)Tape Rope (1piece)</p> <p>(4)Nylon String &amp; Hammer (2piece)</p> <p>(5)Special sharp GI Blade (Knives) (2piece)</p> <p>(6)Small &amp; Big GI Bucket (wax coated ) (2piece)</p> <p>(7)Wide mouth perforated GI Sieve (wax coated) (1piece)</p> <p>(8)Chargeable Battery (2piece)</p> <p>(9)Big Plastic Tub (1piece)</p> <p>(10)Honey carriage can (Food grade plastic) (2piece)</p> <p><b>(Total 19 items in one set)</b></p>	<p>Rs.11,155/- per set</p> <p>(Consist of 19 items in one set)</p> <p>-do-</p>	<p>Centre for Bee Development (CBD) Deshpande layout, Nalwadi Wardha Pin- 442001 Dr. Gopal Palival 9423420485 email - cbd2000wardha@gmail.com</p>	

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<b>Mahua Flower Tool Kit Drying of Mahuwa Flower</b>	(1)Tarpaulin / Plastic Sheet:- It has to be after stitching sides end to end of 11 x 22 Sq Ft size ( 110gsm) made up of virgin plastic black or sky blue in colour.	Rs.425/- per piece	(1)M/s. Sun Poly Packaging Pvt. Ltd. Ahilya Complex, 3rd floor, 306 Near Medicine Market, Gandhi Bagh, Nagpur 440 002 Email- super111rainbond@gmail.com	
<b>Inner Lining of Trunk Box to avoid spoilage of MF kept in trunk box for longer time</b>	(2)Polythene sheet white virgin for inner lining of 12x12 sq ft. for inner lining of trunk	Rs.250/- per piece	(2)M/s Shhanmukh trading Company Railway Station Rd, Shastri Nagar Bhandhara- 4419045 Tel - 07184-256694	
<b>Storage of Dried Mahuwa flower. To await by SHGs for good market rate for disposal</b>	(3)Trunks Box- The size of trunk should be 3 Ft (length) x 2.5 Ft (Width) x 2.5 Ft (height) and of 0.50 mm GI sheet  (Trunk Box size shown in this statement is different)  Actual size will be as mentioned above made of GI sheet of ISI mark.	Rs.2700/- per piece	-do-	
<b>Mahuwa Seed Decorticator</b>	Removal of outer shell of seed after split in to two pieces by small machine.	Rs.15000-25000/- (Approx) depending up on size of the machine and	M/s Rajlaxmi Engineering Works, Nagpur (M) 09985696350 (2) Safco Infrastructure, Ashok Chowk, Nagpur (M) 09985696350	
<b>Gum Karaya (Tool kits for scientific collection of Gumkaraya)</b>	(For extraction of Gum from Tree) Tools are (1)Chesil (Kikra)  (2)Hammer	Rs.500-600 per set of all items per beneficiary	M/s Mulchand Gulabchand Jain,Tilak Chowk, Wardha/Nagpur	

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		(3)Try,(4) Disposable chironji (5)Hand Glows (6) Forcep (7) Ethephan-2-Chloroethoel phosphonic Acid) 100 ml bottle			
6		<b>Karanj seed</b>	Karanj seed Cleaner & Decorticator/ Expellers	Rs. 45,000/- to 60000/- (Aprox)	(2)M/s A.K.Products, Bilaspur,Chhtishgarh (Karanjseed &
7		<b>Neem Seed</b>	Neem Seed Cleaner/Neem Seed Decorticator	Rs. 35000-45,000/- (Approx) depending	(1)M/s Rajaya Laxmi Engineering Corporation, Nagpur MH. Ph. 91-712-
8		<b>Char Gutuli</b>	Char Gutuli machine / equipment for removal of outer shell to extract Chironjee seed from Char Gutuli.	Rs.35000-45000/- (Approx.) depending on Size and Capacity	Manufacturers available in Nagpur MH
1	<b>Madhya Pradesh</b>				
		Honey	Honey Harvesting kit consisting of sting proof dress, gloves, bucket, knife and sieve	11000/- per kit approx.	Centre for Bee Development , Nalwadi, wardha, Maharashtra Contact Person:- Dr.Gopal paliwal Contact no.9423420485 Email id- gopalpaliwal23@gmail.com
2		Mahua Flower	Trunk box, Tarpoline, and Inner polythine	Rs.5000/- per kit	1. Sunpoly Packaging Pvt.Ltd, 306, Ahilya Complex, Near Medicine Market, Gandhibagh Nagpur. Mob.no.0712-2760740 2734475 Email Id-super111rainbond@gmail.com 2. Bhavya Steel Industries, Plot No.25-A, Industrial Area, Imlikheda, Chhindwara Contact No.07162 - 277030 3. Baheti Poly pack ,"D" Extn 261, Bhilwara Textile Market, 2nd Floor, Pur Road, Bhilwara Mob.no.9414113283, 9460813644 Email id - bahetipolypack@gmail.com
					The dress is worn by the honey harvesters to avoid bee stings and other equipments are used for hygenic collection
					The tarpolines are used for drying Mahua flower and the plastic and trunks are used for scientific storage of the same.



3		Mahuwa seed	Decorticator	Rs.4000/per pc	Central Institute of Agricultural Engineering, Nabi Bagh, Berasia Raod, Bhopal - 462038 Contat person:- Dr.Subir Kumar Chakraborty Contact number - 8989162062 email id - subir8275@gmail.com	This is used to remove outer covers of Mahua and karanj seed. This is manually operated and has been developed for these commodities by doing slight modifications in the groundnut decorticator
4		Karang Seed	Decorticator	Rs.4000/per pc	do	
1	<b>Jharkhand</b>	Tamarind	Deseeding Machine	20,500	Hindustan Wood & Iron Industry, Umuri, Jeypore R.S, District - Koraput (Odisha)	
			Hydraulic Pressed Machine for making tamarind cake	8,000	Hindustan Wood & Iron Industry, Umuri, Jeypore R.S, District - Koraput (Odisha)	Manually Opreted
			Traditional hand took kits for deseeding	N.A	N.A	
			Plastic sheet for drying	N.A	N.A	
			Weighing Scale ( 5 Kg)	N.A	N.A	
			Packagning Material	N.A	N.A	
2		Brood Lac	Rocking Sprayer (Gator)	Rs. 5,390/=	Priya Agrico, Near Court Compound, Circular Rd, Ranchi, Jharkhand 834001, PH: 09631826043, Email ID- priyaagrigo@rediffmail.com	Cost for 01 Batch (30 Benefeceries )
			Secateur (Falcon)	Rs.275	DO	DO
			Knife	Rs.122	DO	DO
			Regent	Rs.1430	DO	DO
			Bavistin	Rs.1240	DO	DO