			FILE	No. DCEO/C	GeM/AVM	/	Dı	aft 1	17.09.20	18				
	Creator: Mr. Ajmer Singh(	ГА )	I	Moderator : Shri				GeM)	Aŗ	prover	:Shri A K Þ	Kamra (A	d. CEO G	GeM)
	<u> </u>			N		gory: UNSI		'odo						
		Sub Category : - UNSPSC Code - Bamboo Chain Splitter Machine : UNSPSC Code -												
S. No	Parameters	Grouping		Value 1	Value2	Value 3	Value 4	Value 5			Validation	Whether Filter Required	pri	U n i
1	Bamboo Chain Splitter machine shall be capable to split round bamboo in to strip of both wet and dry Bamboo	S	Е	Yes										
2	Application	P	E	Bamboo Chain Splitter machine is use to split or separate the bamboo in the direction of the fibers parallel to the surface to make strip						G				
	Type Bamboo Chain Splitter machine	Р	Е	One Side type	Two Side type									
3	Material of base frame	M	E	MS	SS	Alloy Steel	Cast Iron			G				
4	Dimensions of angle (W x H) to make base frame of machine in mm x mm	D	Е	50 x50	60 x 60	65 x 65	70 x 70	75 x 75		G				mm

5	Thickness of angle to make base frame of machine in mm	D	N								≥ 5 mm		mm
6	Material of Bamboo Splitting blade ring	M	Е	HSS	HCS								
7	Outer Diameter of Spliter ring in mm	D	Е	200	250	300	350	400					inch
8	Thickness of cutting blade of spliter in mm	D	Е	4	5	6	7	8	9				mm
				10	11	12	13	14	15				
9	Number of blade in Splitting ring	D	N	2	3	4	5	6	7	G			inch
10	Facility of frame stand to put spliter grill tool	P	Е	Yes									
11	Dimesions of bamboo spliter ring (LxWxH) in mm x mm x mm	D	Т										mm
12	Weight of bamboo spliter ring Kg	D	N										kg
13	Availibility of change spliter cutter blade easily	P	Е	Yes	No								
14	Material for Strip splitting/cutting blade	M	Е	HCHCr blade									
15	Thickness of cutting blade	P	Е	3.5	4	4							
16	Availibility of bamboo splitting tool assemly	P	Е	One Side	Two Side								
17	Blade should be easy updown setting	P	Е	Yes									
18	Availibility of Strip collection tray	P	Е	Yes	No								
19	Material for Slider & Sliding bed	M	Е	MS	SS	Steel alloy	Cast Iron						
20	Material for Chain	M	Е	SS	Hardend Steel					G			
21	Type of chain use	P	Е	Single	Double	Triple	Quadrup e						

22	Type of guide for chain	P	Е	Center Guide	Side Guide	Two Center Guide				G		mm
23	Pitch of chain link in mm	P	Е	6	9	12	15	19	25			
				31	38	44	50	57	63			
24	Width of Chain in mm	D	N	3	3.5	4	4.5	5	6	G		mm
				6.5	7.5	8	9	9.5	11.5			
25	Number of Chain use	P	Е	1	2	3	4			G		
26	Maximun length of stoke in inch	P	Е	48	60	72	84	96	108			
				120	132	144	156	168	180			Inch
				192	204	216	228	240	252		<u> </u>	
27	Size of push cup disc mounted on slider in inch	D	Е	6	7	8	9	10	11			Inch
28	Availibility of chain adjustable guide for slack side of chain	P	Е	Yes	No							
29	Number of Strip make at a time	D	Е	2	3	4	5	6	7			mm
				8	9	10	11	12	13			
				14	15	16						
				7	8	9	10					
30	Width of Strip in mm	D	Е	30	35	40						mm
31	Number of Teeth in sproket	P	Е	10	15	20	26	54				
32	Material for Sproket	M	Е	SS	Carbon Steel	Alloy Steel	Bronze					
33	Type of hub for Sproket	Р	E	Plate Only	Hub One Side	Hub Both Side	Offset Hub on Both side					
34	Availibiltity of safety guard	P	Е	Yes								
35	Material for safety guard	M	Е	18 gauge HR sheet								
36	Material of all shaft	M	Е	EN8	MS Bright material							

37	Power supply sources	Р	Т	230 V/50 hz Single Phase	440 V/50 hz Three Phase					G			
38	Make of Electrical motor	P	Е	Crompton	Hawells	Kirloskar	Hindust an	Lph	Marath on				
39	Power of motor in HP	P	N	1.5 hp	2 hp	3 hp	5 hp	7 hp		G			hp
40	RPM of electric motor with tolerance ± 100	P	Е	1400	1600	1800	2000	2200	2400				rpm
41				2600	2800	3000	3200	3500					
42	Make of bearing	P	Е	NBC	SKF	NRB	ABC	Schaef fler	Galaxy				
43	Types of drive used	P	Е	V-Belt	Chain Drive								
44	Numbers of V belt use	P	N	1	2	3				G			
45	Make of V belt	P	Е	Fenner	PIX	Dunlop	Hilton	Gimpe	Furbofle	<			
46	Availibilty of Safety cover on belt drive	P	Е	YES									
47	Make wire cable for electric motor	P	Е	Finolex	Hawells	Polycab	Anchor	RR	Nation al Cables				
48	Nominal cross section area of conductor in square mm	D	N								≥ 1.5 mm		mm
49	Core for wire cable	D	Е	2	3	4							
50	Warranty in years	P	Е	1	2	3	4	5		G			
51	Size of Chain Splitting Machine (LxWxH) in mm x mm x mm	D	Т										mm
52	Weight of bamboo Chain splitting machine in Kg	D	N										kg
53	Machine should be minimum vibration during operation	P	Е	Yes									
54	Availibilty of chain cover	P	Е	Yes									
55	Noise level of machine in db on full load	P	N										db
56	Number of Spare Blades for Bamboo Strip splitting	P	Е	5	10	15	20	NA		G			
57	The Cutting blade Shall be Air Cooled	P	Е	Yes									

58	Machine and Blades must be Rust Proof	P	Е	Yes						
59	Starting Current drawn by Motor should be Limited to Prevent the Electric Supply Fuse Blowing which will also prevents the tool from starting with a jolts	P	E	Yes						
60	Product instruction manual shall be supplied	P	Е	Yes						
61	Standard Tool Kit for maintananace and Trouble Shooting to be provided with Machine	P	E	Yes						
62	Protective Carry Case Supplied with Machine	P	Е	Yes						
63	Demonstration of equipment and training to be provided after completing supplies before Acceptance	P	E	Yes						
64	ISO certification No. of manufacturer of machine	R	Ch	Yes	No					
65	ISO certification issued date, If ISO certificate not availiable then put NA	R	Ch							
66	Availibility of test report from central Govt/ NABL/ILAC accredited lab covering all parameters	R	Ch	Yes	No					
67	Test Report Number, If no test report availiable put NA	R	Ch							
	Test report date	R	Ch							
	Name of the test lab	R	Ch							
70	Address of test lab	R	Ch							

71	Reports/certificates and other certifications to be furnished to buyer on demand at time of supplies	R	Ch	Yes								
	Mr.Ajmer Singh	(TA)			Shri A. V. MURALIDHARAN (Dy. CEO)							