

FILE No. DCEO/GeM/AVM/

Draft 1 14.09.2018

Creator : Mr. Ajmer Singh(TA) Moderator : Shri A.V.Muralidharan (Dy. CEO GeM) Approver :Shri A K Kamra (Ad. CEO GeM)

Major category : UNSPSC -

Sub Category : - UNSPSC Code -

Bamboo Square Stick Making Machine : UNSPSC Code -

S.No.	Parameters	Grouping		Value 1	Value2	Value 3	Value 4	Value 5	Value 6	Golden	Validation	Whether Filter Required	priority	Unit
1	Bamboo Square Stick Making Machine shall be capable to make Square Stick From of bamboo strip/slice of both wet and dry Bamboo	S	E	Yes						G				
2	Application	P	E	Bamboo Square Stick Making Machine is use to make Square Stick of the bamboo in the direction of the fibers parallel to the surface						G				
3	Material of frame	M	E	MS	SS	Alloy Steel				G				
4	Dimensions of angle (W x H) to make base frame of machine in mm x mm	D	E	50 x50	60 x 60	65 x 65				G				mm

18	Material for roller	M	E	MS	20mncr5	Pu roller					G			
19	Hardness of material of roller	P	E	55HRC										
20	Outer Diameter of roller in mm	D	E	95	100	105	110	115	120	G				mm
21	Availability of teeth of roller	P	E	Yes	No									
22	Width of roller in mm	D	N	50	55	60				G				mm
23	Number of roller use	P	E	4	6	8	10			G				
24	Number of serration with roller	P	E	40	50	60	70	80						
25	Number of Plainer to make surface uniform	P	N	1	2	3	4	5		G				
26	Availability of facility to make Square Stick upto any length	P	E	Yes										
27	Thickness of Stick in mm	D	E	0.5	1	1.5	2	2.5	3					mm
28				3.5	4	4.5	5	5.5	6					
29	Width of Stick in mm	D	E	0.5	1	1.5	2	2.5	3					mm
				3.5	4	4.5	5	5.5	6					
30	Torque deliver Mechanism Roller And cutter	P	E	Ambessedor Gear Coupling	Shaft									
31	Type of compression spring	P	E	Single Helical	Double Helical									
32	Mean diameter of spring coil in mm	D	T											
33	Wire diameter of spring coil in mm	D	T											
34	Number of spring used	P	E	2	3	4	5	6	7					

35	Availability of safety guard	P	E	Yes										
36	Material for safety guard	M	E	18 gauge HR sheet										
37	Material of all shaft	M	E	EN8	MS Bright material									
38	Availability of Dust Collector	P	E	Yes	No									
39	Facility of seating assembly with machine	P	E	Yes	No									
40	Power supply sources	P	T	230 V/50 hz Single Phase	440 V/50 hz Three Phase					G				
41	Make of Electrical motor	P	E	Crompton	Hawells	Kirloskar	Hindustan	Lph	Marathon					
42	Power of motor in HP	P	N	1.5 hp	2 hp	3 hp	5 hp	7.5 hp	10 hp	G				hp
43	RPM of electric motor with tolerance ± 100	P	E	1400	1600	1800	2000	2200	2400					rpm
				2600	2800	3000								
45	Number of Electrical motor used	P	E	1	2	3								
46	Make of bearing	P	E	NBC	SKF	NRB	ABC	Schaeffler	Galaxy					
47	Types of drive used	P	E	V-Belt	Gear									
48	Numbers of V belt use	P	N	1	2	3				G				
49	Make of V belt	P	E	Fenner	PIX	Dunlop	Hilton	Gimpex	Turboflex					
50	Availability of Safety cover on belt drive	P	E	YES										
51	Make wire cable for electric motor	P	E	Finolex	Hawells	Polycab	Anchor	RR	National Cables					

72	Test Report Number, If no test report available put NA	R	Ch											
73	Test report date	R	Ch											
74	Name of the test lab	R	Ch											
75	Address of test lab	R	Ch											
76	Copies of test 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)							

