


S.No.	Parameters	Grouping		Value 1	Value 2	Value 3	Value 4	Value 5	Value 6	Golden	Validation	Whether Filter Required	p r i o r y	U n i t
<b>Standards</b>														
1	Conforming Standards for the Reciprocating Saw	S	E	EN/DIN/US/Equivalent Standards						G			1	
2	Reciprocating saw shall be capable of cutting a variety of materials like all kind of wood and metal	S	E	Yes										
<b>Performance Parameters</b>														
3	Power source	P	E	Battery						G				
4	Type of Battery	P	E	Ni-Cd	Lithium									
5	Input Power Supply	P	E	18 V						G				
	Make of the battery to be indicated	P	T											
6	Power rating Ampere Hours	P	n								≥ 4			
6	Stroke Length in mm	P	N								≥ 28 mm			mm
7	Type of Blade for Wood Cutting	P	E	Metal (High Carbon Steel) Blade used for Wood Cutting										
8	Length of the Blade Supplied for Wood Cutting with the Machine	D&M	N								≥ 250 mm			

9	Cutting Depth in Wood in mm	P	N							≥ 165 mm				mm
10	Width of the Wood Cutting Blade in mm	D&M	N							≥ 19 mm				
11	Thickness of Wood cutting blade	D&M	N							≥ 1.2 mm				
12	Material of Wood cutting Blade	D&M	E	Low Alloy Colled Rolled Steel Strips in hardened, Tempered and Polished condition having carbon, silicon, Manganese, Chromium, Nickel, Sulphur and Phosphorous										
12	Material of balde for steel cutting	D&M	E	Blade with teeth of high speed steel and body High carbon steel										
14	Width of the Metal Cutting Blade in mm	P	N							≥ 16 mm				
15	Thickness of Metal cutting blade	P	N							≤ 1.6 mm				
16	Cutting depth in Steel sheet in mm	P	N							≥ 20 mm				mm
17	Stroke rate at No Load	P	N							≥ 3000				
18	Electrical Cord supplied shall be of at least 5 meters length	P	E	Yes										m
19	5 Amp plug along with an Extension Cord of 10 Meters to be Supplied	P	E	Yes					G					



31	Protective Carry Case Supplied with Machine	P	E	Yes					
32	Demonstration of equipment and training to be provided after completing supplies before Acceptance	P	E	Yes					
33	Copies of test Reports/certificates and other certifications to be furnished to buyer on demand at time of supplies	P	E	Yes					



**Shri A. V. MURALIDHARAN (Dy. CEO)**