

## Technical Specification

**Owner:** Aathbiskot Municipality, Rukum (west)  
**Equipment Name:** Wood cutting Machine  
**Quantity:** 1 Set



S.N.	CRITERIA	REQUIRED SPECIFICATION	OFFERED SPECIFICATION
1	Scope of Work	Design, Engineering, manufacturing, inspection, supply, erection, commissioning and testing of wood saw machine having wood cutting capacity up to min. 1 meter diameter log sizes complete with Motor, Blades, Band wheel complete in all respect with Manufacturer's Test Certificates and covering mechanical, civil & electrical works including supply of all required material for civil construction & electrical works.	
2	General	<p><b>1. Vertical (bench type) wood saw machine having following details:</b></p> <ul style="list-style-type: none"> <li>• wheel diameter = Min. 1000 mm</li> <li>• Width of Wheel = Min. 75 mm</li> <li>• Work table size= Not less than 1000X1000 mm</li> <li>• Height from floor to table = Min.950 mm</li> <li>• Depth of Cut = Min.750 mm</li> <li>• Distance from saw blade to frame = min. 950 mm</li> <li>• Motor Power = Minimum 15 HP</li> <li>• Table tilt degree = not less than 45 Deg.</li> <li>• Speed of saw wheel = min. 550 RPM</li> <li>• Weight of the machine = not less than 600 Kg</li> </ul> <p><b>2. The Horizontal wood saw machine having following details:</b></p> <p>Capacities:            Having trolley size minimum (3.5X1) Meter, Rail length minimum 21 meter.</p> <ul style="list-style-type: none"> <li>• Cutting Capacity: Not less than 42 inch. (1016 mm) diameter maximum.</li> <li>• Size of saw wheel : Minimum 42''X3'', 16 spoke</li> <li>• Thickness of the saw wheel: 0.75''</li> <li>• Distance between Pillars: Not less than 6.5'</li> <li>• Maximum Cut: Not less than 5.25''</li> <li>• Size of Carriage 12'X3.75', 6 Wheel with 4 jaw vice.</li> <li>• Channel size: not less than 10''</li> <li>• Length of Rail: 70''</li> <li>• Length of saw Blade : 32' or standard</li> </ul>	<p><i>Make:</i></p> <p><i>Model:</i></p> <p><i>Year of Mfg.:</i></p> <p><i>Country of Origin:</i></p>



		<ul style="list-style-type: none"><li>Capacity of Electrical Motor power: Minimum 20 HP</li></ul> <p>The Motor capacity for Handling and Lifting of the material should be as per standard having appropriate capacity.</p>	
3	Manuals	One Hard Copy in English of the a. Operator's /Owner's instructions and maintenance manual, b. Spare parts catalogue shall be supplied with the equipment.	
4	Tools	A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment.	
5	Initial spare parts	As per product's consumable should be supplied for a year.	
6	Warranty	Manufacturer shall provide <b>minimum 1 years warranty from date of acceptance.</b>	
7	Delivery	The Wood Cutting Machine one Unit shall be delivered with all necessary accessories to: <b>Aathbiskot Municipality, Rukum(west)</b>	

**Notes:**

1. The wood cutting machine should be Equipped with all accessories offered in standard model but not limited to the above items.
2. The bidder should submit the authorized catalogue (or documents) to verify the above specifications.
3. The bidder should mention the required data, details and values of the machine in the offered specification column.

**Prepared By:**

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**Approved By:**

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