

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, testing, inspection, supply, erection, commissioning and testing of wood saw machine having up to min. 1 mtr 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>1. The bench type wood saw machine having following details:</p> <p>wheel diameter = Min. 600 mm Wheel face and thickness = Min. 50mm & 10 mm Throat depth = not Less than 550 mm Maximum Log cutting capacity= min. 350 mm dia. Work table size= not less than 700X700 mm Table tilt degree = not less than 45 Deg. Speed of saw wheel = min. 550 RPM AC Motor Power required to operate = not less than 20 HP Weight of the machine = not less than 600 Kg Motor Power : 20 HP</p> <p>2. The Horizontal wood saw machine having following details:</p> <p>Capacities:</p> <ul style="list-style-type: none"> Cutting Capacity: 28 in. (71 cm) diameter maximum. Log Length: 8½ ft with standard two 6-ft track sections. Longer lengths can be accommodated by adding optional 6-ft track extensions to the mill—as many as required. Motor Power : 20 HP <p>Specifications</p> <ul style="list-style-type: none"> Production Rate: Varies according to type of material, thickness of cut, and rate of feeding Guides: Flat guide system, for higher production and | <p>Make:</p> <p>Model:</p> <p>Year of Mfg.:</p> <p>Country of Origin:</p> |

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| | | accuracy and extended blade life. Saw details: <ul style="list-style-type: none"> Band Blades: 11' × 1¼" × 0.035" guage hardback Blade Kerf: 0.072 in. (approx. 2 mm) Band Wheels: 16 in. (40.6 cm) Handling and Lifting motor capacity: Appropriate capacity | |
| 3. | Blade | 6" (15.24 cm) swage double-cut blade (cuts in both directions) | |
| 4. | Band Wheel | 600 mm band wheels with double-tapered bearings | |
| 5. | Frame | Heavy duty frame made of 2" x 8" x 1/4" thick tubing (5 cm x 20 cm x 64 mm) | |
| 6 | Log Size | Cuts logs up to 42" in diameter x 22 ft long (106 cm x 6.7m) | |
| 7 | 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. | |
| 8. | Tools | A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment. | |
| 9. | Initial spare parts | As per product's consumable should be supplied for a year. | |
| 10 | Warranty | Manufacturer shall provide minimum 1 years warranty from date of acceptance. | |
| 11 | Delivery | The Wood Cutting Machine one Unit shall be delivered with all necessary accessories to: Aathbiskot Municipality, Rukum(west) | |

Prepared By:

Er Bijay Kumar Sah

Mechanical Engineer

Approved By:

Ram Bahadur KC

Chief Administrative Officer



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Technical Specification

Owner: Aathbiskot Municipality, Rukum (west)
Equipment Name: Spare Parts of the Stone Crushing Plant
Quantity: 1 Set

| S.N. | CRITERIA | REQUIRED SPECIFICATION | OFFERED SPECIFICATION |
|------|---|---|--|
| 1 | Scope of Work | Supply, delivery and testing of Spare Parts of the Stone Crushing Plant having the capacity of 50 Ton Per hour in all respect with Manufacturer's Test Certificates. | |
| 2. | M.S. Hopper 3X3 Mtr: | Minimum 6mm thick hopper Plate, Base I-Beam 150X75, hopper net (Top): I-Beam 150X75, Hopper Support: M.C.75X40, Plate Support: MC 125X65, Flat 65X6, Top bottom plate 10/10mm thick. Top net rod: ø32 mm round shape. | Make: Model: Year of Mfg.: Country of Origin: |
| 3. | Vibrating Screen 4'X12' (3 Deck) for natural | Side plate thickness : 8 mm Plate supporting: ISA 50X50X6 with 8 mm bolt diameter Side supporting: ISA 50X50X6 Main Shaft: Ø 100 mm diameter Bracket: 10mm and 6mm Thick plate Pipe: Ø 150 mm diameter Tie Beam: 200X100 mm Top Bottom plate: 10 mm thck. Vertical column: M.C.125X50 mm (4 Nos.) Box type Motor: 15 HP @1440 RPM V-Pulley Belt: 6"C/ 10" C. Bearing: 22324 Double roller with oilseal | |
| 3. | Crusher Machine | 24X12 Double Toggle Oil Type | |
| 4 | Motor | 40 HP for double Toggle Oil Type Crusher machine | Make: Model: Year of Mfg.: Country of Origin: |
| 5 | 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. | |

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| 8. | Tools | A set of tools required for general maintenance shall be supplied within a lockable tool box with equipment. | |
| 9. | Initial spare parts | As per product's consumable should be supplied for a year. | |
| 10 | Warranty | Manufacturer shall provide minimum 1 years warranty from date of acceptance. | |
| 11 | Delivery | The Spare parts for crusher machine shall be delivered with all necessary accessories to: Aathbiskot Municipality, Rukum(west) | |

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