

To,
Saptakoshi Nagarpalika
Office of Executive
Tulasi chok, Saptari

Job : Technical Specification Of 70 Hp Diesel Engine Tractor

| Items(Parts) | Particulars | Required Specifications | OFFERED SPECIFICATION |
|----------------------------------|-------------------------|---|-----------------------|
| Engine | Type | 4 Stroke, Direct Injection, Diesel Engine | Make: Model: |
| | No. of Cylinder | Not less than 4 | |
| | HP Category | Not less than 70 HP | |
| | Displacement | At least 3700 CC | |
| | Cooling | Water Cooled | |
| | Fuel injection pump | Inline Type/ rotary pump | |
| | Air Cleaner | Dry/Oil Bath Type Air Cleaner | |
| | Torque | min 270 Nm | |
| | Cooling System | Water Cooled / Intercooler | |
| Transmission | Type | Heavy Duty Sliding/constant Mesh/synchromesh | |
| | Clutch | Dual Clutch | |
| | Gear Box | At least 8 forward and 2 reverse | |
| | Battery | At least 12 V 80 Ah | |
| | Road Max. Forward Speed | Minimum 30 km/hr | |
| | Road Max. Reverse speed | Minimum 12 km/hr | |
| Brake | Type | Multi Disc Oil Immersed | |
| Steering | Type | Power Steering | |
| Power Take Off | Type | Independent | |
| | RPM | Not less than 540 RPM | |
| Fuel Tank | Capacity | Not Less than 55 liter | |
| Dimensions and weight of Tractor | Total wt. | Not Less than 3000 Kg | |
| | Wheel Base | At least 1900 mm | |
| | Trolley Size | Width: 6 Feet (Approx) Length: 10 Feet (Approx) Height: 2 Feet (Approx) | |
| | Ground Clearance | Not less than 310 mm (at rear wheel) | |
| Hydraulics | Lifting Capacity | Minimum 1700 Kfg | |
| | Linkage | 3-Point Linkage | |
| Wheels and Tyre | Wheel drive | 4 WD | |
| | Front | Standard | |
| | Rear | Standard | |


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| Accessories | Tools Set | A set of tools,with a tool bag, as required for general maintenance shall be supplied. | |
| | Essential Accessories | 1.Head light, tail and rear light, reversing light and turn signals | |
| | | 2.Speedometer / odometer | |
| | | 3.Weight adjustable seat | |
| | | 4. A tractor trailer must provide as manufacture design | |
| | | 5. Suitable jack with handle | |
| | | To be equipped with all accessories offered in standard model catalogue provided by principal manufacturer but not limited to the above items. | |
| | Optional Features | Higher lift Capacity, Auxiliary Valve,Swinging Drawbar, Front CI Ballast Weights,Hoot Frame, Under hood exhaust muffler, adjustable front axle | |
| Instructions | Instructions | All signs and instructions in the vehicle shall be in English. | |
| | Manuals | One copy of the Operator's and Owner's Instructions in English shall be supplied with vehicle. | |
| Color | Color | Standard Color | |
| Proven performance | | The bidder shall provide themanufacturer's data of the performance of the unit to include the fuel consumption,performance curve of the engine. | |
| Warranty | | Manufacturer shall provide a minimum of two year warranty after acceptance. | |
| Delivery | Location | Tractor 4WD 1unit shall be delivered toSaptakoshi Nagarpalika,Tulasi Chok | |

Note: The major items are indicated by bold and highlighted letters/alphabets/figures in the technical specifications. Non-compliance of these major items will result in non-responsiveness of the bid.


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