

QUALITATIVE REQUIREMENTS & TRIAL DIRECTIVES OF BOBCAT

<u>S.NO</u>	<u>QR</u>	<u>TD</u>
1.	<p><u>General</u></p> <p>The Bobcat should be a compact excavator that delivers impressive performance in tight areas with minimal repositioning.</p>	To be physically checked by BOO
2.	<p><u>Engine</u></p> <p>(a) Fuel- Diesel (b) Horse Power- upto 15 bhp (c) Max RPM- min 2500 RPM</p>	OEM to provide certificate
3.	<p><u>Dimensions</u></p> <p>(a) Load class- 2 Ton (b) Length- upto 4 metre (c) Width- upto 1 metre (d) Height- upto 2.5 metre (with operator cab)</p>	OEM to provide certificate
4.	<p><u>Performance</u></p> <p>(a) Max travel Speed- min 4 km/hr (b) Bucket digging force- min 4500 lbf (c) Min lift capacity- 1 Ton (d) Lift radius- min 2.5 metre (e) Max digging depth- min 2.5 metre (f) Max dump height- min 2.5 metre (g) Max reach at ground level- min 4 metre (h) Boom swing- Min 60 degrees on either side (j) Tail swing- zero (k) Retractable blade and undercarriage (l) In-cab pattern selector to switch between 'excavator' and 'backhoe' pattern</p>	OEM to provide certificate
5.	<p><u>Miscellaneous features</u></p> <p>(a) Enclosed cabin (b) Cabin heater and blower (c) Min 02 x reflector lamps to illuminate the working area</p>	To be physically checked by BOO