

Annexure –A

Specifications of the Automation

Sl. No.	Particular	Qty.
1	<p>Walk Behind Scrubber Driers (Big)</p> <ul style="list-style-type: none"> i. Squeeze width should be between 700 to 800(mm) ii. The shape of squeegee should be parabolic and should be of stainless steel. iii. Scrubbing width should be between 600 to 700 mm. iv. The machine should have 2 no. Disc Brush (2x 330 mm dia) for better performance. v. Cleaning performance should be between 3000 square metre/hour. vi. Solution and recovery tank capacity should be between 40 to 50 litres. vii. Brush motor should be 2 x 400 watts or more. viii. Brush pressure should be 43 Kg max. ix. The machine should have rising and lowering of brush by single button on handle bar. x. Machine should be 24V/115 Ah Battery operated. xi. The speed of the machine should be between 3.5 to 4.5 km/hr for safety reason. xii. The machine should have automatic filling float which allows the stopping of the water flow without closing the tap. xiii. The machine should have automatic start and shutdown of brushes when moving forward or backward. xiv. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted. xv. Warranty should be of 5 years. 	1 no.

<p>2</p>	<p>Walk Behind Scrubber Driers (Medium)</p> <ul style="list-style-type: none"> i. Squeeze Width should be between 500 to 600 (mm) ii. The shape of squeegee should be parabolic and should be of stainless steel. iii. Scrubbing width should be between 500 to 600 mm. iv. The machine should have 1 no. Disc Brush for better performance. v. Cleaning performance should be between 1450 to 1550 square metre/hour. vi. Solution and recovery tank capacity should be between 40 litres. vii. The machine should have rising and lowering of brush by single button on handle bar. viii. Machine should be electrically operated with power supply of 220 to 240V/50 Hz. ix. The speed of the machine should be between 3.5 to 4.5 km/hr for safety reason. x. The machine should have automatic filling float which allows the stopping of the water flow without closing the tap. xi. The machine should have automatic start and shutdown of brushes when moving forward or backward. xii. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted. Warranty should be of 5 years 	<p>1 no.</p>
<p>3</p>	<p>Ride On Scrubber Driers (Medium)</p> <ul style="list-style-type: none"> i. Scrubbing width should be between 750 to 850 mm. ii. The machine should have 2 disc brushes. iii. The brush pressure should be between 70 to 90 kg. iv. Squeegee width should be between 1010 to 1050 mm. v. Productivity rate should be between 4500 to 5500 sq. mtr/hr. vi. The independent tank capacity should be between 110 to 120 litres (both solution/recovery tank). vii. The machine should be battery operated and should have an on board battery charger. viii. Speed of the machine should be 	<p>2 nos.</p>

	<p>between 5.5 to 6.5 km/hr.</p> <ul style="list-style-type: none"> ix. Brushes pressure should be adjustable and constant in different positions and should be independent of the wear level of the brush and the automatic adjustment with self levelling system. x. The Machine should have automatic speed reducer on curves. xi. Brush speed should be 160rpm or more. xii. It should have adjustable seat for ergonomic operation. xiii. Company should provide super tough polyethylene solution and recovery tanks for chemical resistant. xiv. The machine should have safety feature whereby it should not operate or move till the time operator sits on its driving seat. xv. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted. xvi. Warranty should be of 5 years. 	
<p>4</p>	<p>Ride On Scrubber Driers (Small)</p> <ul style="list-style-type: none"> i. Scrubbing width should be between 500 to 600 mm. ii. The machine should have 1 disc brushes. iii. Squeegee width should be between 700 to 750 mm. iv. Productivity rate should be between 3000 sq. mtr/hr. v. The independent tank capacity should be between 80 litres to 90 litres (both solution/recovery tank). vi. The machine should be battery operated and should have an on board battery charger, 24V (2x12V) 140Ah vii. Speed of the machine should be between 4.5 to 6.5 km/hr. viii. The Machine should have automatic speed reducer on curves. ix. Brushes pressure should be adjustable and constant in different positions and should be independent of the wear level of the brush and the automatic adjustment with self levelling system. x. Brush speed should be 160 rpm or more. xi. The machine should have safety 	<p>1 no.</p>

	<p>feature whereby it should not operate or move till the time operator sits on its driving seat.</p> <p>xii. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted.</p> <p>xiii. Warranty should be of 5 years.</p>	
5	<p>Walk Behind Sweeping Machine (Battery operated)</p> <p>i. Max working width should be between 650 to 750 mm</p> <p>ii. Main brush width should be between 450 to 550 mm</p> <p>iii. Productivity should be 2400 sq. m/hr or more</p> <p>iv. Dirt Container Volume should be between 45 to 55 litres</p> <p>v. Power supply should be of 12V battery operated</p> <p>vi. Filter Surface should be between 2 to 3 m²</p> <p>vii. Max Speed should be between 3 to 4 Km/hr</p> <p>viii. Weight should be between 60 to 80 kg</p> <p>ix. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted.</p> <p>x. Warranty should be of 5 years.</p>	2 nos.
6	<p>Walk Behind Sweeping Machine (Petrol operated)</p> <p>i. Max working width should be between 650 to 750 mm</p> <p>ii. Main brush width should be between 450 to 550 mm</p> <p>iii. Productivity should be of 2400 sq. m/hr or more</p> <p>iv. Dirt Container Volume should be between 45 to 55 litres</p> <p>v. Power supply should be of 4 Hp or more.</p> <p>vi. Filter Surface should be between 2 to 3 m²</p> <p>vii. Max Speed should be between 3 to 4 Km/hr</p> <p>viii. Weight should be between 60 to 80 kg</p> <p>xiv. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted.</p> <p>ix. Warranty should be of 5 years.</p>	2 nos.

7	<p>Ride On Sweeping Machine</p> <ul style="list-style-type: none">i. Max working width should be between 1100 to 1200 mmii. Main brush width should be between 600 to 700 mmiii. Productivity should be of 6000 sq. m/hr or more.iv. Dirt Container Volume should be between of 60 to 70 litresv. Power supply should be of 24 V (4x6V) 225 Ahvi. Filter Surface should be between 3 to 4 m²vii. Max Speed should be between 4.5 to 6.5 Km/Hrviii. Brush should be with special “V” shape allows max performances.ix. The Machine should have SLS (Self Levelling System).x. The machine should have protected and waterproof controls.xi. Consumables should be listed separately with rates. CMC for the next 5 years after 5 yrs warranty should be quoted.xii. Warranty should be of 5 years.	
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