

	TECHNICAL DELIVERY CONDITION	Project: MRS1
Aggregate	SUN BLIND ASSEMBLY	DOC No.: GR/TD/5005
BEML Enquiry/ RFQ Reference :		

Sl. No.	Technical Delivery Conditions	COMPLIED	NOT COMPLIED																																													
1	The Sun blind assembly shall conform to the tender drawing requirements.	<input type="checkbox"/>	<input type="checkbox"/>																																													
2	The firm shall submit the technical data sheet of coiled springs along with technical bid.	<input type="checkbox"/>	<input type="checkbox"/>																																													
3	<div>The Fabric shall comply to the following table, and the technical data sheet of the fabric shall be submitted along with technical bid.</div> <table><tr><th>SL No.</th><th>Properties</th><th>Test Method</th><th>Criteria</th><th>Remarks</th></tr><tr><td>1</td><td>Weight (g/m2)</td><td>BS EN 12127</td><td>Less than 500g/m²</td><td></td></tr><tr><td>2</td><td>Thickness (mm)</td><td>ISO 5084</td><td>Less than 0.9 mm</td><td></td></tr><tr><td>3</td><td>Tensile Strength (daN/5cm)</td><td>ISO 13934-1</td><td>Warp: Min.150 daN/5cm Weft: Min. 150 daN/5cm</td><td></td></tr><tr><td>4</td><td>Elongation (%)</td><td>ISO 1421</td><td>Warp: Max. 5% Weft: Max. 5%</td><td></td></tr><tr><td>5</td><td>Tear Resistance (daN)</td><td>ISO 13937-3</td><td>Warp: Min.3 daN Weft: Min.3 daN</td><td></td></tr><tr><td>6</td><td>Color Fastness to light</td><td>ISO 105-B02</td><td>Min. 4</td><td></td></tr><tr><td>7</td><td>Solar Factor</td><td>EN 14501</td><td>Class 3</td><td></td></tr><tr><td>8</td><td>Sun Screen (UPF)</td><td>EN 13758</td><td>Min.40</td><td></td></tr></table>	SL No.	Properties	Test Method	Criteria	Remarks	1	Weight (g/m2)	BS EN 12127	Less than 500g/m ²		2	Thickness (mm)	ISO 5084	Less than 0.9 mm		3	Tensile Strength (daN/5cm)	ISO 13934-1	Warp: Min.150 daN/5cm Weft: Min. 150 daN/5cm		4	Elongation (%)	ISO 1421	Warp: Max. 5% Weft: Max. 5%		5	Tear Resistance (daN)	ISO 13937-3	Warp: Min.3 daN Weft: Min.3 daN		6	Color Fastness to light	ISO 105-B02	Min. 4		7	Solar Factor	EN 14501	Class 3		8	Sun Screen (UPF)	EN 13758	Min.40		<input type="checkbox"/>	<input type="checkbox"/>
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4	The Fabric shall comply to the fire safety standard EN 45545-HL3 R1 requirements and the firm shall submit the fire safety test reports from accredited labs as per ISO 17025, along with technical bid.	<input type="checkbox"/>	<input type="checkbox"/>																																													
5	The guide rods shall be buff to mirror finish to No.8 Finish as per ASTM A 480 standard.	<input type="checkbox"/>	<input type="checkbox"/>																																													
6	The firm shall submit the endurance test report of the sunblind assembly for 100000 cycles.	<input type="checkbox"/>	<input type="checkbox"/>																																													
7	The firm shall submit the 3D models inline with the tender drawings in .step format along with technical bid, required to check the interface with the mounting area.	<input type="checkbox"/>	<input type="checkbox"/>																																													
8	The firm shall submit material test certificate for chemical composition and mechanical properties from the source.	<input type="checkbox"/>	<input type="checkbox"/>																																													
9	The Sun blind assemblies shall be fabricated using dedicated jigs, fixtures & using CNC tooling.	<input type="checkbox"/>	<input type="checkbox"/>																																													
10	After fabrication, the finish product shall be of sound quality without any defects.	<input type="checkbox"/>	<input type="checkbox"/>																																													
11	All the sun blinds shall be subjected to visual and dimensional inspection. Inspection reports shall be submitted along with supplies.	<input type="checkbox"/>	<input type="checkbox"/>																																													
12	Packing shall be done individually and due care shall be taken during packing and ensure damage free product. The damages during transit will be supplier's responsibility.	<input type="checkbox"/>	<input type="checkbox"/>																																													
13	The supplier shall obtain sample approval and fitment trials for Sunblind assemblies from BEML before taking up mass production.	<input type="checkbox"/>	<input type="checkbox"/>																																													
14	Part number shall be marked on Sun blind housing top surface using permanent marker. However, use of label for mentioning the part number is not acceptable.	<input type="checkbox"/>	<input type="checkbox"/>																																													

Signature of the Bidder with Seal
(Name, Designation & Address)