

Minutes of technical committee meeting for NIT C-001605-12-R&D-NIS-5.03-0100-18-19

S.No	Item	Laser Spectra Services India Pvt. Ltd.	Shree Enterprise	Remarks
	Principals	M/S- Newport	M/S- Thorlabs	
	Tender specifications			
1	Item- Broadband Cube Nonpolarizing Beamsplitter. Cube Side - Length 1/2 inch (12.7mm) Wavelength Range - 450-700nm(AR coating at this wavelength) Splitting ratio- 50:50 for both the polarization Surface flatness- $\lambda/10$ Damage threshold - Greater than 150w/sq.cm for cw beams 1 Year Standrad onsite OEM warranty from the date of installation	The model quoted is technically suitable (Model no. 05BC17MB.1)	The model quoted is technically suitable (Model no. PBS004)	Both qualified
2	Item- Broadband Polarizing Beamsplitter Cube Side - Length 1/2 inch (12.7mm) Wavelength Range - 450-700nm(AR coating at this wavelength) Transmission(for p-polarisation) > 90% Reflection(for s-polarization) >99.5% Surface Quality : 40-20 scratch-Dig 1 Year Standrad onsite OEM warranty from the date of installation	The model quoted is technically suitable (Model no. 05FC16PB.3)	The model quoted is technically suitable (Model no. PBS121)	Both qualified

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3	<p>Item- Broadband Polarizing Beamsplitter Cube Side - Length 1/2 inch (12.7mm) Wavelength Range - 900-1300nm(AR coating at this wavelength) Transmission(for p-polarisation) > 90% Reflection(for s-polarization) >99.5% Surface Quality : 20-10 scratch-Dig Extinction ratio(for transmission) > 1000:1 Wavefront Distortion: Less tha $\lambda/4$ at 632 nm 1 Year Standrad onsite OEM warranty from the date of installation</p>	<p>The model quoted is technically suitable (Model no. 05FC16PB.7)</p>	<p>The model quoted is technically suitable (Model no. PBS123)</p>	<p>Both qualified</p>
4	<p>Item- Polarizing Cube Beamsplitter Cube Side - Length 1/2 inch (12.7mm) Operating Wavelength- 532 nm (AR coating at this wavelength) Surface flatness - $\lambda/10$ Damage threshold > 2000 W/sq.cm for cw beams 1 Year Standrad onsite OEM warranty from the date of installation</p>	<p>The model quoted is technically suitable (Model no. 05BC15PH.3)</p>	<p>The model quoted is technically suitable (Model no. PBS12-532-HP)</p>	<p>Both qualified</p>
5	<p>Item- Polarizing Cube Beamsplitter Cube Side - Length 1/2 inch (12.7mm) Operating Wavelength- 1064 nm (AR coating at this wavelength) Surface flatness - $\lambda/10$ Damage threshold > 2000 W/sq.cm for cw beams 1 Year Standrad onsite OEM warranty from the date of installation</p>	<p>The model quoted is technically suitable (Model no. 05BC15PH.3)</p>	<p>The model quoted is technically suitable (Model no. PBS12-1064-HP)</p>	<p>Both qualified</p>

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