

COMPARITIVE STUDY (TECHNICAL): NC-000389-PHY-18-19

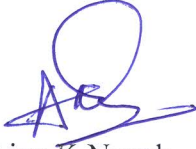
SPATIAL LIGHT MODULATOR

<u>Specifications required</u>	M/s Transera Systems Pvt. Ltd.	M/s Advanced Photonics	Comments
Reflective Spatial Light Modulator based on LCoS	Yes	Yes	
Operating wavelength range ~ 420 nm – 850 nm	Yes	Yes <i>AM</i>	
Pixel pitch < 10 micron	Yes	Yes	
Panel resolution ~1920 X 1080	Yes	Yes	
Active area > 10 mm X 7 mm	Yes	Yes	
Reflectivity > 65%	Yes	Yes	
Damage threshold > 5 W/cm (Linear power density)	Yes	Yes	
Bit depth ~ 8 bit (256 Gray scale)	Yes	Yes	
PC connectivity ~ USB	Yes	Yes <i>AM</i>	
LabVIEW compatibility of the driver software is recommended	Yes	Yes	
All necessary accessories should be included	Yes	Yes	
3 Years free onsite comprehensive warranty	Yes	Yes	

Amshapita

From the comparative chart mentioned in the above table, both the parties qualify technically.

Members of the technical committee



Dr. Ajay K Nayak

on leave

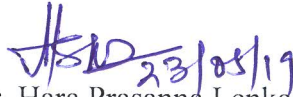
Dr. Ritwick Das



Dr. Ashok K Mohapatra



Dr. Sudakshina Prusty



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Dr. V K S Kashyap