

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
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CORRIGENDUM NOTICE No.- I

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Technical Specification:

Page No.2, Point No.1, under the heading ‘**TECHNICAL BID**’ it was mentioned as:

“Technical Specification for nanosecond tunable OPO laser:

Frequency tunability 190-2600 nm, pulse energy in UV 3-5 mJ, in visible 25-30 mJ, spectral line-width $\sim 5 \text{ cm}^{-1}$, frequency stability $\sim 1 \text{ cm}^{-1}$, preferably air-cooled.”

it should read as:

Technical Specification for nanosecond tunable OPO laser:

Parameter	
Wavelength range	
Signal	400-700 nm
Idler	700-2600 nm
SH generator	190-400 nm
Output pulse energy	
200-400 nm	3-5 mJ/pulse
Visible region	25-30 mJ/pulse
Pulse energy stability (StdDev)	< 5 %
Linewidth	$\sim 5 \text{ cm}^{-1}$
Pulse duration	$\sim 5 \text{ ns}$
Frequency Stability	$\sim 1 \text{ cm}^{-1}$
Typical beam diameter	$\sim 5 \text{ mm}$
Typical beam divergence	< 3 mrad
Pump Laser	
Pump energy (355 nm)	$\sim 100 \text{ mJ/pulse}$
Pulse energy stability (StdDev)	< 5 %
Beam divergence	< 0.5 mrad
Pulse repetition rate	10 or 20 Hz
Power supply	Air/Water cooled (preferably air-cooled)

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