

HIGH RESOLUTION SOURCE OPTICAL ANALYZER		
A. <u>Spectrum Analyzer Specifications</u>		
1	Wavelength Measurement Range:	1530 nm – 1620 nm
2	Wavelength Span Range	80 pm to 110 nm
3	Wavelength Resolution	5MHz/0.04pm; 100MHz/0.8pm;
4	Wavelength Absolute Accuracy	+/- 3 pm Max
5	Measurement Level Range	-76 dBm to +10 dBm
6	Optical input	FC/PC for SM fibre
7	Internal calibrator	Required
8	Display: X scale	Wavelength in nm or frequency in GHz
9	Display: Y scale	Optical power in mW or dBm
B. <u>Tunable Laser Source Specifications</u>		
1	Wavelength Range	1530 nm – 1620 nm
2	Spectrum line width (@ 3 dB)	≤ 500 KHz
3	Output power	Around -5 dBm
4	Connector type	SM fibre FC/APC connector
5	Wavelength stability	≤ +/- 10 pm over 1 hour
C. <u>Other Specifications</u>		
1	Tracking generator function for component transmission and reflection measurement	Required
2	Two independent Optical Spectrum Measurements with the 2 PM inputs.	Required
3	Group Delay and Chromatic Dispersion Analysis	Required
4	Automatic clock detection	Required
D. <u>Comb Laser Specifications</u>		
1	Wavelength Range	1530 nm – 1620 nm
2	Carrier Spacing	100 MHz
3	Maximum Average Output Power	+13 dBm
E. Supplier should provide technical compliance including explanations without fail against each point given in the technical specifications for consideration of the offer.		
F. Power requirement: As per Indian electrical standards (230V AC, 50 Hz)		
G. Warranty: Comprehensive warranty for 1 year from the date of installation.		
H. Parent company should be an established company with good number of installations (at least 20) and after sales support in India as well.		
I. Standard configurations will be required. NO CUSTOM BUILT SYSTEMS WILL BE ENTERTAINED.		

(Note: It is mandatory for the bidders to provide the compliance statement (comply/not comply) for the above points with document proof as required)

Note: If the compliance statement (comply/Not comply) is not furnished for the evaluation. Bidders will be disqualified.