

Tender specifications of the equipment

**1. Tunable Laser Source at 1490nm -1640 nm with High Sensitivity Optical Power Meter and data logger consisting of the following to work at room temperature:**

<b>a. Tunable Laser Source, High Power and Low SSE, Value Line, with Connector interface, connector type FC - narrow keyway with following Specifications:</b>	
Wavelengths tunable range	1490nm – 1640 nm
Wavelength resolution	0.1 pm
Output power	+12 dBm
<b>b. High Sensitivity Optical Power Meter (2 port) with Connector interface FC/PC/SPC compatible with the above laser wavelengths and power levels. Specifications:</b>	
Sensitivity	To –110 dBm with < 0.1 pW
Peak-peak noise and drift, Polarization dependence	Ripple < ± 0.005 dB
<b>c. Data logger to interface the above two devices and data recording.</b>	

Other Conditions

- 1.. Installation and local support must be provided.
2. Should provide two years warranty.