



**INDIAN INSTITUTE OF TECHNOLOGY BOMBAY**  
**MATERIALS MANAGEMENT DIVISION**  
Powai, Mumbai 400076.

Ref. PR No. 1000057538

Rfx. No. 6100003132

Item Description – **Technical Specifications for High-Performance TCSPC Platform**  
**( spare part of the existing Equipment TCSPC Spectrometer)**

| Sr. No | Item Description              |                                                                                                                                                                                                                                   | Technical Compliance (Yes / No) | Additional Information (if any) |
|--------|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|---------------------------------|
| 1.     | <b>General Specifications</b> | Fi-pho<br><br>High-Performance TCSPC Platform with four parallel independent timing channels and USB3 interface. Includes photon streaming mode.<br><br>Lifetimes measurable: <15ps to >1s (subject to light source and detector) |                                 |                                 |
| 2.     | <b>Warranty</b>               | Instrument should be supplied with standard 1 year warranty                                                                                                                                                                       |                                 |                                 |