# Corrigendum 1

**Tender Name :  Cathodoluminescence Detection System**

**Tender Ref No : GTB12/MSR/2023/01/CATDETECTSYS**

**Corrigendum Details : Amendment in Technical Specification**

| S.No | Feature | Requirement (Earlier Specifications) | Amendment |
|---|---|---|---|
| 4 | CCD and PMT detector | Fast-mapping detector capable of detecting CL signal intensity with dwell time/ pixel < 1 µs<br><br>Detector should be sensitive to wavelengths in the range 300 – 800 nm<br><br>Up to 6000 spectra/second for hyperspectral data set with 256 x 256 (spatial) pixels or better | Detector should be sensitive to wavelengths in the range 180 – 980 nm and the optical path should support 180 – 2,300 nm (when system is upgraded with additional optical components or detectors)<br><br>Up to 6000 spectra/second for hyperspectral data set with 256 x 256 (spatial) pixels or better |
| 8 | Specimen Cooling Stage | | Temperature range: -185 °C to ambient<br><br>Temperature accuracy: 0.5 °C<br><br>$N_2$ gas cooled with heat exchange Dewar<br><br>Should include interface to SEM, gas regulator, specimen holder with stub, heater, temperature sensor and digital temperature controller. |