

| No. | Component | Required Specification | Suppliers Offer | | Price (USD) |
|----------|--|--|-----------------|----------------------------------|-------------|
| | | | (Yes/No) | Remarks (suppliers alternatives) | |
| | Make & Model | | | | |
| | Manufacturer | | | | |
| | Country of Origin | | | | |
| 1 | Portable Magnetic Susceptibility Meter (Mandatory) | Should be readable in SI or CGS units Maximum resolution 2×10^{-6} in SI units With 10 S measurement time With four digit display Operational temperature: -10°C to $+40^{\circ}\text{C}$ With USB data acquisition cable Software to access & monitor data using PC Built in internal battery (rechargeable) With equipment carrying case With a stand for laboratory use With Power Supply | | | |
| 2 | Dual Frequency Sensor (Mandatory) | Should be able to use for measuring soil, rock and sediment samples Maximum resolution 2×10^{-6} in SI units Drift at room temperature : $< 2 \times 10^{-5}$ SI Operating frequency: around 0.465kHz(LF), 4.65kHz(HF) Calibration accuracy : 1% Sensors should accept cylindrical bottles, cubic boxes and cylindrical cores Should be compatible to be used with the Portable Magnetic Susceptibility Meter quoted in No. 1 | | | |

| | | | | | |
|-----------------------|---|--|--|--|--|
| 3 | Surface Scanning Probe (Mandatory) | Should be able to assess magnetic susceptibility of top 10 cm of the land Depth of response: 50% at 15mm and 10% at 60 mm Drift at room temperature: $<10 \times 10^{-5}$ SI Operating frequency: around 950 Hz Should be compatible to be used with the Portable Magnetic Susceptibility Meter quoted in No. 1 | | | |
| 4 | Down-hole Sensor (Optional) | Should be able to profile magnetic susceptibility of strata in 25mm auger hole Should be able to study stratigraphy of sites on archeology, erosion, geomorphology, landslide Spatial resolution (vertical): 12.5 mm Calibration accuracy : 1% Operating frequency: 1.3 kHz Thermal drift: 2×10^{-5} SI Thermal setting time: 30s/°C 10 m cable (5mm diameter gauge) to connect the probe | | | |
| 5 | Down-hole Sensor extension tubes (Optional) | Additional 8m waterproof extension tubes for Down hole sensor | | | |
| Freight and Insurance | | | | | |