**REQUEST FOR QUOTATION (RFQ)**

Dear Sir / Madam: You are kindly requested to submit your quotation for the following items before May 15, 2021, 12.00 a.m. by Tashkent local time (UTC +05:00). The aim of this RFQ is to supply of special laboratory equipment for Turin Polytechnic University in Tashkent in the framework of the ERAMCA (Cofounded by ERASMUS+). All equipment is aimed for educational purposes; therefore, we are kindly asking to consider quotation under your university discount program.

**LIST OF EQUIPMENT AND SPECIFICATIONS:**

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| **NO.** | **SPECIFICATION** | **QUANTITY** |
| 1 | **Seismograph** Features:  4 component Plug and Play classroom Seismograph (1 vertical Geophone and 3 Accelerometers) with compatible educational software. Integrates sensitive Earth monitoring sensors with easy to use software. Data can be accessed from any RS in the world, making it a good solution for seismically active earthquake areas and quiet regions alike. Perfect for viewing micro-tremors and the larger events. Applicable also for all professional and government activities, including commercial, research and funded projects. | 1 |
| 2 | **Terrestrial laser scanning system**  Features:  Accuracy not exceeding 3 mm  Internal GPS  specific scan of an area  touch screen to adjust functions and start scanning, even without external Wifi devices (smartphone batteries flat)  biaxial compensator  HDR with parameterization function on a specific area and night mode  INTERFACEABILITY WITH EXTERNAL SYSTEMS (peculiarities in the future to upgrade the system)  File size at resolution of 7.7 mm @ 10 mt and HDR2x weight not exceeding 200Mb BLK weighing 800Mb | 1 |
| 3 | **Mechanical profilometer** Features: Barton Comb, for the roughness estimation of rock discontinuities and the evaluation of JRC parameter) – length of 30 cm | 1 |
| 4 | **Schmidt Hammer** Features: sclerometer for rocks, for the estimation of rock matrix compressive strength and the JCS parameter of a rock discontinuity) – reference standard: ASTM D5873 00, UNI EN 12504-2 | 1 |
| 5 | **Soil Penetrometer, pocket type** Features:for field classification of cohesive soils - consistency, shear strength, approximate unconfined compressive strength, range 0-5 MN/m2) | 1 |
| 6 | **Pocket Shear Vane (Torvane)** Features:for measuring cohesive soils undrained shear strength (CU), consists of a cylindrical body with a torsional spring and three interchangeable vanes of different sizes depending upon the expected strength of the soil (ranges: 0-10 N/cm2, 0-2 N/cm2, 0-25 N/cm2) | 1 |
| 7 | **Thermal imaging camera (low to medium cost) including software for thermographic processing data** Features:  IR Resolution: 640 × 480 pixel; Thermal Sensitivity/NETD: <30 mK @ 30 °C; Optics: 42° | 1 |
| 8 | **Diagnostic Scope** Features:  Camera diameter: 8.5 mm; Length: 1.2 m; Display 7"; Images and Video Resolution 800 x 600 [1200 x 720] pixel; Rotation 180° | 1 |

**CONDITIONS:**

1. Quotation must be in English or Russian languages.
2. The prices must be quoted in Euro.
3. Price shall be quoted with no VAT included.
4. All special laboratory equipment must be produced by the worldwide known manufacturer(s) included into annual reports of Gartner/ IDC. 5.
5. All equipment must be supplied with licensed software if it is required.
6. The financial offer shall include all export charges in the country(ies) of departure and accompanying costs: customs declarations, transportation to Beneficiaries, transportation within Uzbekistan, warehouse storage (until customs cleared), processing, permission documentation and certification.
7. The Supplier must provide the Beneficiary(ies) with full support in preparing documents which is required to guarantee successful preferential customs clearance and hold negotiations with the involved Ministries.
8. After customs cleaning all the equipment must be delivered to the Beneficiaries’ address indicated below, installed and put into operation.
9. The Hardware shall be new, unused and complete. CONNECTION CABLES: all hardware shall be supplied with all necessary cables such as power, interface, etc. PERIPHERAL EQUIPMENT: peripheral equipment shall be provided with appropriate software and drivers to operate with the standard software.
10. Warranty period for active equipment must be at least 1 year if other is not stipulated separately in the Technical requirements.
11. Delivery addresses: Turin Polytechnic University in Tashkent 17, Kichik Khalka Yuli street Tashkent 100095 Uzbekistan.

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| OTHER CONDITIONS | |
| Delivery Time | 25 (twenty five) working days after payment installment. |
| Deadline of Quotation Submission | May 15 |
| Mode of Transport | AIR , SURFACE, OTHERS. |

**Your commercial offers shall be delivered to following addresses:**

Attention: The ERAMCA Project Management Team

ERASMUS+ ERAMCA Project

Address: 17, Kichik Khalka Yuli street, Tashkent 100095, Uzbekistan

Email: eramca@polito.uz