

ANNEX II + III: TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

Contract title: Supply of SPECTROPHOTOMETER

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Column 1-2 should be completed by the Contracting Authority

Column 3-4 should be completed by the tenderer

Column 5 is reserved for the evaluation committee

Annex III - the Contractor's technical offer

The tenderers are requested to complete the template on the next pages:

- Column 2 is completed by the Contracting Authority shows the required specifications (not to be modified by the tenderer),
- Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words “compliant” or “yes” are not sufficient)
- Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offered specifications.

The technical offer must include training for Contracting Authority personnel, also must be included in the financial offer.

1. Item Number	2. Specifications Required	3. Specifications Offered	4. Notes, remarks, ref to documentation	5. Evaluation Committee's notes
1	<p>Item name: SPECTROPHOTOMETER Quantity: 1 unit</p> <p>Principle of operation: Double-beam monochromator with stray light reduction</p> <p>Spectral range: minimum 190 ÷ 1100 nm spectral band width: variable 0.2 ÷ 4 nm (in minimum 4 ranges)</p> <p>Application: quantitative and qualitative measurements Mode: Energy, Absorption, Transmission, Reflectance</p> <p>Scanning speed: minimum 11000 nm/min Photometric range: min – 3.5 A to 3.5 A or higher UV Resolution (toluene - hexane): < 2.5 Wavelength accuracy: < ± 0.15 nm Wavelength reproducibility: < ± 0.03 nm VIS photometric accuracy: < ± 0.005 A (546 nm) VIS photometric reproductibility: < ± 0.0008 A Folder/support for turbidity samples analysis Weighing unit with 0 ÷ 100 grams minimum scale, 5 decimals (0.015 mg), reproducibility minimum 0.06 mg Sipper unit/system – aspirating tube and flow-through cell, different path lengths Control/operational external unit (fixed or portable) Automatic wavelength calibration Automatic accessory recognition Analytical sample kits for surface waters analysis (cyanides, heavy metals, a.o.) Operational control software: preprogrammed methods, spectra presentation and handling, lamp control, validation module for quality assurance of the analysis, wavelength calibration, spectra recording and analysis, reports Line voltage: 220 Vac Data interfaces: RS232 and/or USB</p>			