**Appendix no. 1: Technical documentation for the purchase of the instrument for oxygen content measurement**

**Minimum requirements for technical parameters and parts of the supply**

**Basic modes**

* High sensitive detection of oxygen concentration with low signal noise
* The possibility of simultaneous measurement and display of oxygen content and oxygen flux (negative slope or time derivative) with limit of detection 2 pmoles.s-1.cm-3
* O2 range of linearity through oxygen partial pressure of 0 to 100 kPa
* The range of O2 flux measurement at oxygen partial pressure up to 100kPa and to <0.01 kPa
* Two sensors for parallel measurement of two different samples
* Sample compartments with Peltier thermostat (range 10 – 40°C, accuracy ±0.1°C)
* Build-in electromagnetic stirrers
* Driving software and software for evaluation of measurements
* Hardware and software possibility of adding other sensors for extending the spectrum of measurements (pH, TPP+, Ca2+ etc.).

**Price must include**

* transport
* installation and training
* 3 years warranty

**Evaluation criteria**

Total price without VAT weighting factor 20 %

Technical parameters weighting factor 75%

Warranty, delivery and service weighting factor 5 %