



# Aliah University

(A UGC approved autonomous Institution under the Department of Minority Affairs and Madrasah Education, Govt. of West Bengal)  
IIA/27, New Town, Kolkata – 160, West Bengal

## TECHNICAL CORRIGENDUM

**Tender Ref No. 009/AU/REG/NIT/19-20, dated 22/05/2019**

“Sealed Tender for Supply and Installation of portable multi parameter air and water analyzer and camera with all accessories for Ecology Lab for Dept of Biological Sciences, Aliah University, New Town campus, Kolkata-160”

As per the discussion in the departmental purchase meeting and need, the following amendment decision has been taken, and recommended to publish Technical Corrigendum in the Aliah University Website.

### General:

Sl. No	Existing Clause/Specification	Amended Clause/Specification
1	<p>Portable Ambient Multi Gas Analyser (Measure NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>x</sub>, O<sub>2</sub>, O<sub>3</sub> and particles automatically)</p> <p>Compact and light weight stack gas analyzer that can simultaneously measure gas components separately- NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>x</sub>, O<sub>2</sub>, O<sub>3</sub> automatically, may be with different electrodes</p> <p>Digital Display board, Memory record</p> <p>Measure NO<sub>x</sub> (upto 1000ppm), SO<sub>x</sub> (upto 1000ppm), CO(upto 1000 ppm), CO<sub>2</sub> (upto 20%), O<sub>2</sub> (upto 25%) and particulates if possible</p> <p>Repeatability ±1.0% of full scale, Linearity ±2.0% of full scale</p> <p>Ability to function in ambient humidity, temperature, pressure and dust.</p> <p>Supply all standard solutions and accessories</p>	<p><b>Portable Ambient Multi Gas Analyser</b> (Measure NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>x</sub>, O<sub>2</sub>, O<sub>3</sub> and particles automatically)</p> <p>Compact and light weight stack gas analyzer that can simultaneously measure gas components separately- NO<sub>x</sub>, SO<sub>x</sub>, CO<sub>x</sub>, O<sub>2</sub>, O<sub>3</sub> automatically, may be with different electrodes <b>for ambient air only</b></p> <p>Digital Display board, Memory record</p> <p><b>Range of all parameters like Sox, NOx, Cox, O<sub>3</sub> and particulates will be for ambient air conditions.</b></p> <p>Repeatability ±1.0% of full scale, Linearity ±2.0% of full scale</p> <p>Ability to function in ambient humidity, temperature, pressure and dust.</p> <p>Supply all standard solutions and accessories</p> <p><b>Make preferred will be of- Horiba, Aeroqual, Nova, Thermoscientific, Fischer and Coleparmer</b></p>
2	<p><b>Portable Multi-parameter water analyzer with all electrodes and accessories</b></p> <p>Measure all- pH / mV / Ion / Conductivity / TDS Conductivity / TDS / Salinity / Resistivity</p> <p>Dissolved oxygen meter for aquaculture; 4 m probe cable, Range: O<sub>2</sub>: 0.0 to 50.0 mg/L; % Saturation O<sub>2</sub>: 0 to 600 %; Temp: -5.0 to 50.0°C</p> <p>Digital display with case for carrying</p> <p>High power battery and memory, with all accessories</p> <p>Provide all electrodes and standardizing solutions</p>	<p><b>Portable Multi-parameter water analyzer with all electrodes and accessories</b></p> <p><b>Measure pH(0-14), temp (-5 to 55C), Dissolved oxygen (0 to 50 mg/L), ORP (-2000mV to 2000mV), conductivity (0 to 100 mS/cm), Salinity (0 to 70 ppt), turbidity, water depth and specific gravity.</b></p> <p>-----</p> <p>Standard feature of equipment to be supplied</p> <ul style="list-style-type: none"> <li>- Standard electrodes to be provided for all measurements</li> <li>- Automatic pH buffer recognition (USA/NIST / DIN or customized)</li> <li>- Automatic electrode test during calibration</li> <li>- Auto conductivity ranging and unit selection</li> <li>- Non-volatile memory of 500 sets of data with screen</li> <li>- Data transfer facility to computer and printer</li> <li>- Smoothly movable electrode holding arm</li> <li>- Standard Buffers/solutions for pH and Conductivity and DO membrane and Electrolyte solution</li> <li>- Universal AC (100 - 240 V) Adaptor</li> <li>- Warranty: 2 years</li> <li>- <b>Make preferred will be of- Horiba, Aeroqual, Nova, Thermoscientific, Fischer and Coleparmer</b></li> </ul>

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REGISTRAR