Sultan Qaboos University
Procurement Department

جامعة السلطان قابوس
دائرة المشتريات

REQUISITION FORM

Requisition Number:7022220046

Last Date for Submission:11/07/2022

S.N.	SQU Product Code	Description	Qty.	UOM	Remarks
1	EQUINSNIT0001	NITRATE METER	1	PCS	The instrument: a handheld device for measuring NO2 (Nitrite) in water with the following specifications: HACH LANGE DR900 OR (OR) Equivalent Measurement mode: Transmittance (%), Absorbance (Abs) and Concentration (Conc) Dimensions: (W x D x H) 23.6 x 8.7 x 4.7 cm (9.3 x 3.4 x 1.9 in.) Enclosure rating: IP67 Weight: 0.6 kg (1.3 Ib) Power requirements: (internal) AA Alkaline batteries (4x) Battery life: 6 months (typical) at 5 readings a day/5 day week without the backlight Interface; USB mini Operating temperature: 0 to 50 ?C (32 to 122 ?F), maximum 90% relative humidity non-condensing Storage temperature: ?30 to 60 ?C (?22 to 140 ?F), maximum 90% relative humidity non-condensing

					Lamp source: Light emitting diode (LED) Detector: Silicon photodiode Wavelength range: 420, 520, 560, 610 nm Photometric measuring range: 0?2 Abs Wavelength accuracy: ?1 nm Photometric accuracy: ?0.005 Abs at 1.0 Abs nominal Photometric linearity: ?0.002 Abs (0?1 Abs) Wavelength selection: Automatic, based on the method selection Photometric repeatability: ?0.002 Abs (0?1 Abs) Data readout: Graphical display, 240 x 160 pixel (backlit) Sample cells: 16 mm, 1 cm/10 mL, 1-inch (25 mm) round Protection class: Class III Certifications: CE certified Warranty: 2 years With following reagents: Nitrogen, nitrite(No2-N), Nitriver3 quantity 3 (100 measurements)