

Section VI. Schedule of Requirements

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The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery (i) at EXW premises, or (ii) to the carrier at the port of shipment when the contract is placed on FOB or CIF terms, or (iii) to the first carrier when the contract is placed on FCA or CIP terms. In order to determine the correct date of delivery hereafter specified, the Purchaser has taken into account the additional time that will be needed for international or national transit to the Project Site or to another common place.

List of equipment

N°	Item		
	Lot 1 – Fish Culture/Aqua Culture	Qty	Location
1	Multi parameter water test kits	1	Ibadan University
2	pH Meter	4	Ibadan University
3	Oxygen meter	2	Ibadan University
4	Vacuum/pressure pump	1	Ibadan University
	Lot 2 –Laboratory Equipment	QTY	Location
1	Gel/image view system	1	Ibadan University, Nigeria
2	Conductivity meter	1	Ibadan University, Nigeria
3	Colorimeter	1	Ibadan University, Nigeria
4	Atomic absorption and emission spectrophotometer	1	Ibadan University, Nigeria
5	Water steam bath	2	Ibadan University, Nigeria
	Lot 3 – CAPTURE FISHERIES/OCEANOGRAPHY/ BIODIVERSITY	QTY	Location
1	Fibreglass boat with outboard engine	3	Ibadan University, Nigeria
2	Fish gears for experimental field survey	1	Ibadan University, Nigeria
3	Grab samplers	20	Ibadan University, Nigeria
4	Water samplers	5	Ibadan University, Nigeria
5	Turbidimeter	4	Ibadan University, Nigeria
6	Tagging guns	9	Ibadan University, Nigeria
7	Collector bag filter	1	Ibadan University, Nigeria
8	Juvenile fish measuring board	68	Ibadan University, Nigeria
9	Egg counter	19	Ibadan University, Nigeria

Section VII. Technical Specifications

N°	Item	Qty	Specification	Location
Lot 1 – Fish Culture/Aqua Culture				
1	Multi parameter water test kits	1	HACH Ten-Parameter Test Kit, Model FF-2	Ibadan University
2	pH Meter	4	PH-013 High accuracy pH meter PH -016 Bench top pH meter	Ibadan University
3	Oxygen meter	2	YSI Pro 20 portable Oxygen meter DO 600 Dissolved Oxygen meter	Ibadan University
4	Vacuum/pressure pump	1	Busch Cobra Semicon Dry Screw Vacuum Pumps : Ultimate pressure: 0.001 - 0.03 hPa(mbar) Nominal pumping speed 50 Hz: 70 - 7400 m ³ /h Nominal pumping speed 60 Hz: 85 - 7400 m ³ /h	Ibadan University
Lot 2 –Laboratory Equipment				
1	Gel/image view system	1	Smart Doc.™ 2.0 Gel. Visualization and Smart Phone Imaging	Ibadan University, Nigeria
2	Conductivity meter	1	4520 Bench Conductivity/TDS meter Range – 6 autoselected from 0 to 19.995 Resolution 0.01µ5 -0.015 Accuracy - ±0.5 ±2digits Vitol safety Nucleus services(pH and Conductivity metre H19813-6).Product code:4704740	Ibadan University, Nigeria
3	Colorimeter	1	Colorimeter PCE-CSM 4 Measuring apertures Ø8 mm (PCE-CSM 2), Ø20 mm (PCE-CSM 4) Sensor Silicium-photodiode H Light source D65	Ibadan University, Nigeria
4	Atomic absorption and emission spectrophotometer	1	ZEEnit 650 P Spectrometer with graphite furnace. Zeeman and Deuterium for automated graphite AAS. Double beam	Ibadan University, Nigeria
5	Water steam bath	2	Thomas Scientific Boekel Water bath -deluxe Water Bath. Volume is 7.76 gallons (29.40L) and dimensions are: ID: 19.5"W x 11.5"D x 8" H (495.3 x 292.1 x 203.2mm). Meets ASTM D1559. Shipping wt. 47 lbs. (21.4kg) Stainless steel, 203nm	Ibadan University, Nigeria

N°	Item	Qty	Specification	Location
Lot 3 – CAPTURE FISHERIES/OCEANOGRAPHY/ BIODIVERSITY				
1	Fibreglass boat with outboard engine	3	31FT Fibreglass Cabin Fishing boat/walk Grand Fishing boat. Model No: HD – 941 Engine type: Outboard Hull material: Fiberglass Length -9.41m Weight 2000kg Recommended engine power: Twin 140hp	Ibadan University, Nigeria
2	Fish gears for experimental field survey	1	Gill net panels' monofilament and multifilament nylon gillnets with each knot-to-knot mesh sizes of 10, 20, 30, 40, 50, 60, 70, 80 and 100 mm, respectively. These nets each of the net with length of 10 metres and 2 metres hanging depth. On top with a cork line and underneath with a PVC lead line of 1.2 kg/100m Standard Trawl net Standard nylon fishing drag net Width 30 feet, mesh size 15mm to 100mm; net size 30 feet X 150 feet HDPE Fishing Cast net 10 feet long HDPE Blue/White Hapa Nets Net length 50m-100m per roll; thickness 0.08 to 1.3mm; Standard fish traps and pots	Ibadan University, Nigeria
3	Grab samplers	20	Ekman grab maximum sample depth >10m Rod length 30m Weight 7kg Stainless steel, iron Sample volume 3.3liter Van Veen (stainless steel, contents-0.5litres,surface covered-126cm ³)L	Ibadan University, Nigeria
4	Water samplers	5	Van Dorn water sampler Rod length 30m Diameter or size 10*10*30cm sample volume 2200mL weight 5.4kg Kemmerer Water sampler Rod length 30m Diameter D11.8m sample volume 1200mL Weight 4. 2kg BC-2300 automatic portable water sampler Weight 5.5kg Water container – 5 – 10L polyethylene barrels Prestatic pump flow 3700L/min Global water WS 7051- bottle portable sampler	Ibadan University, Nigeria
5	Turbidimeter	4	Bench top turbidity meter with digital display NTU- 0 to 10,000NTU; Range selection – automatic; Resolution 0.001NTU; Light source Quick connect infrared; Accuracy: ±2% of reading plus 0.01NTU; ±5% of reading 1,000 to 4,000; ±10% of reading 4,000 to 10,000, Response time: less than 6 seconds	Ibadan University, Nigeria

N°	Item	Qty	Specification	Location
Lot 3 – CAPTURE FISHERIES/OCEANOGRAPHY/ BIODIVERSITY				
6	Tagging guns	9	Tagging gun Arrow 9S - tagging gun Banok 503XL	Ibadan University, Nigeria
7	Collector bag filter	1	INTERSCIENCE –Consumables Lateral & Full Filterbags Ref. 111 720 (400ml) Bag filter Pipet &Roll ((easy pipetting and quick closure) Ref. 111 625 Bag filter Pull-up (for PCR & Small volumes) Ref. 111 325 Bag filter XF Lateral filter bag (Extra-fine, high filtration) Bac Page + Full-page filter bags (Micro perforated filter) <ul style="list-style-type: none"> • Ref. 121 025 (100ml) • Ref. 122 025 (400ml) • Ref. 122 200 (2000ml) • Ref. 123 010 (3500ml) 	Ibadan University, Nigeria
8	Juvenile fish measuring board	68	<u>Scielex Fish electronic Measuring Board</u> Dimensions: Width: 250mm; Height: 130mm; Length: 380mm + Length Range Juvenile fish (SMOLT) Measuring Board (30cm) SB30 Fish handling equipment- Dynamic Aqua-Supply Ltd.	Ibadan University, Nigeria
9	Egg counter	19	Jensorter – BCM – fish egg counter	Ibadan University, Nigeria