



INFORMATION SHEET FOR PROCUREMENT OF LABORATORY EQUIPMENT AND REAGENTS

Reference No.: FNK-I/IUL/2020/163

Issued on 20th September 2020

Issued by:

Fenaka Corporation Limited

Male', Republic of Maldives

Section I: Instruction to Bidders

A. General	
1. Scope of Bid	1.1 Fenaka Corporation Limited requests quotations for laboratory equipment and reagents in accordance to <i>Section III, Technical Specifications</i>
	1.2 It is in Fenaka Corporation Limited's discretion to cancel this bid invitation at any time.
B. Preparation of the Bid	
2. Bid Prices	2.1 The unit price of each item and the total price shall be clearly indicated in the quotation
	2.2 All items shall be quoted in the bid (please refer to <i>Section III, Technical Specifications</i> for the details of required items)
	2.3 Quotation shall separately indicate the additional charges such as freight charges, insurance, etc.
	2.4 The bidder shall submit quotation on doorstep delivery/client's assigned vessel
3. Currency	3.1 The bidder shall quote entirely in Maldivian Rufiyaa
4. Alternative Bids	4.1 Bidders can submit a maximum of two (2) options
5. Validity of Bids	5.1 Quotation shall remain valid for minimum sixty (60) days from the date of bid opening
6. Technical Compliance	6.1 All relevant information including the brand shall be given to enable technical evaluation of quoted items
	6.2 The documents required for technical evaluation are: - Technical data sheets and material safety data sheet of all the equipment - User Manuals for equipment

	- Expiry dates of all the consumables, proving that the shelf life is not less than 6 months from the date of handover. 6.3 If the goods do not comply with the requirements mentioned in <i>Section III, Technical Specifications</i>, the bid will be rejected during evaluation. 6.4 All the equipment and consumables should comply with our requirements, if not the bid will be rejected
7. Documents Comprising the Bid	7.1 Quotation (inclusive of the delivery period and payment terms) 7.2 Specifications of the offered product including the brand name 7.3 Details of the company - Company profile/background - Company registration certificate - GST registration certificate (for local bidders only) - Tax clearance report (6 months validity is advised) - Contact details (name, designation, mobile number and e-mail address) 7.4 Experience letters, if available - Letters within past five (5) years - Relevant experience letters - Letters with project name and value 7.5 One (1) compact disc with original bid document scanned and written 7.6 Bids lacking the documents above are subjected to be rejected during the bid opening
8. Format of Bid	8.1 The Bidder shall submit two (2) sets of the bid document (1 original and 1 copy), enclosed separately in two envelopes and sealed with company stamp

	8.2 All pages of the bid document shall be stamped and bound properly (excluding the bid security)
C. Bid Submission	
9. Sealing and Marking Bid Document	9.1 The bid document shall be sealed properly in an envelope clearly marked 'ORIGINAL' or 'COPY', with the name of the company and the tender reference number (FNK-I/IUL/2020/163)
10. Bid Opening	10.1 The bids will be opened on 30th September 2020 (Wednesday), 1000hrs in the presence of bidders 10.2 Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male', Republic of Maldives 10.3 Bids received electronically will not be accepted
11. Bid Rejection	11.1 Bidders who arrive after bid submission deadline shall not be able to participate in the bid
D. Awarding of Contract	
12. Payment Terms	12.1 An advance will not be released for this project
13. Packaging	13.1 The awarded Supplier shall label and pack the equipment in accordance with the packing list provided by Fenaka.

Section II: Evaluation Criteria

Proposal Cost: 70 points for the lowest price

- $(\text{Lowest price} / \text{proposed price}) \times 70$

Delivery: 20 points for the lowest delivery period

- $(\text{Lowest delivery period} / \text{proposed delivery period}) \times 20$
- If the delivery period indicates 'ex-stock', it shall be taken same as the party offering the longest delivery period.

Credit Period: 10 points for the maximum credit period

- $(\text{Proposed credit period} / \text{longest credit period}) \times 10$
- No points will be given for payment terms if the supplier requests for Letter of Credit (LC)

Section III: Technical Specifications

Parameter	Reagents Needed	Brand	Model	Qty
Beakers	Beaker, Griffin, Low Form, Glass, 50 mL, 12/pk	HACH	50071H	1
	Beaker, Griffin, Low Form, Glass, 100 mL 1pc	HACH	50042H	5
	Beaker, Griffin, Low Form, Glass, 250 mL 1pc	HACH	50046H	5
Gloves	Gloves, Disposable, Powder Free, Nitrile, Medium (100/box)	HACH	2550502	2
	Gloves, Disposable, Powder Free, Nitrile, Large (100/box)	HACH	2550503	2
	Gloves, Disposable, Powder Free, Nitrile, X-Large (100/box)	HACH	2550504	2
PPE	Safety Goggles	HACH	2113400	5
	Laboratory Coat, White	HACH	2241646	5
DAILY TESTS				
pH	Buffer Solution, pH 4.01, Color-coded Red, 500 mL	HACH	2283449	10
	Buffer Solution, pH 7.00, Color-coded Yellow, 500 mL	HACH	2283549	10
	Buffer Solution, pH 10.01, Color-coded Blue, 500 mL	HACH	2283649	8
	Electrode Storage Solution, 500 ml	HACH	2756549	2
Electrical Conductivity and TDS	Conductivity Standards (1413 μ S/cm), KCL 500ml	HACH	C20C270	10
	Conductivity Standards (147 μ S/cm) KCL 500ml	HACH	C20C280	10
Dissolved Oxygen	Multi-Parameter Meter	HACH	HQ430D	1
	Intellical™ LDO101 Laboratory Luminescent/Optical Dissolved Oxygen (DO) Sensor, 1 m Cable	HACH	LDO1010 1	2
Free Residual Chlorine	Sample Cell: 1" Square Glass 10 mL matched pair	HACH	2495402	20
	Chlorine Standard Solution 20/pk	HACH	2630020	3
	DPD Free Chlorine Reagent Powder Pillows, 10 mL, pk/100	HACH	2105569	30
Total and Faecal Coliform (Laboratory Set-up)	Colilert-18 (200-test pack)	IDEXX	WP100I-18	10
	Quanti-Tray Sealer Plus	IDEXX	WQTSPL US	1
	Colilert and Colilert-18 Quanti-Tray Comparator (51-well tray)	IDEXX	WQTC	1
	Portable UV Lamp	IDEXX	WL200	2
	UV Viewing Cabinet	IDEXX	WCM10	1
	120 mL Shrink-Banded Vessels with Sodium Thiosulfate (200 pack)	IDEXX	WV120ST -200	10
	Vessel Rack	IDEXX	WVR20	4

	Colilert-18/Quanti-Tray (200-pack combo)	IDEXX	WCMB18-200	10
Total and Faecal Coliform	Potalab®+ Advanced Portable Water Quality Laboratory	WAGTEC H	PTW 10020	1
(Field Testing)	Faecal coliform ampoules - box of 50, 2.2 ml	WAGTEC H	PTW 10468	10
	Total coliform ampoules - box of 50, 2.2 ml	WAGTEC H	PTW 10470	10
	Aluminium Petri dishes (20/pk)	WAGTEC H	PTW 10420	5
	Absorbent pads and Membranes, 1000 pack	WAGTEC H	PTW 10462	1
	Stand-Up Sterile Bag with Sodium Thiosulfate, pk/100	HACH	2075533	10
	Methyl Alcohol, 500 mL	HACH	1446449	2
BIANNUAL TESTS				
Turbidity	Lab Turbidimeter Sample Cells pk/6	HACH	2084900	2
	Stabcal® Turbidity Standards Calibration Kit, 0-4000 NTU, Sealed Vials	HACH	2662105	2
Chloride	Chloride Reagent Set, Mercuric Thiocyanate (100 tests)	HACH	2319800	2
	Chloride Standard Solution (500ml)	HACH	18349	2
Iron	FerroVer® Iron Reagent Powder Pillows, 10 mL, pk/100	HACH	2105769	2
	Iron Standard Solution (100ml)	HACH	1417542	2
Nitrate	NitraVer® 5 Nitrate Reagent Powder Pillows, 10 mL, pk/100	HACH	2106169	5
	Nitrate Standard Solution (500ml)	HACH	30749	2
Nitrite	NitriVer® 3 Nitrite Reagent Powder Pillows, 10 mL, pk/100	HACH	2107169	2
Ammonia	Nitrogen-Ammonia Reagent Set, Salicylate Method, 10 ML, pk/100	HACH	2668000	2
	Nitrogen Ammonia Standard Solution (500ml)	HACH	15349	2
ANNUAL TESTS				
Sulphate	SulfaVer® 4 Sulfate Reagent Powder Pillows, 10 mL, pk/100	HACH	2106769	1
	Sulphate Standard Solution (500ml)	HACH	2175749	1
Sulphite	Sulfite Test Kit, Model SU-5	HACH	148002	1
	Sulfite Reagent Set for SU-5 Kit	HACH	2440000	1
Phosphate	PhosVer® 3 Phosphate Reagent Powder Pillows, 10 mL, pk/100	HACH	2106069	4
	Phosphate Standard Solution (500ml)	HACH	17149	1
Total Petroleum Hydrocarbon	TPH in Water, Test Kit	HACH	2774200	1
	TPH Immunoassay Reagent Set (18 tests)	HACH	2774300	3
	12mm micro cuvette rack	HACH	4879910	2
Sodium	sensION Sodium Ion Selective Electrode (ISE) Analysis Package	HACH	2348100	1

Potassium	Potassium Reagent Set (100 tests)	HACH	2459100	1
	Potassium Standard Solution (500ml)	HACH	2351749	1
Calcium Hardness	Hardness (Calcium) Reagent Set, LR, Digital Titrator pk/100	HACH	2447200	2
	Delivery tubes for Digital Titrator pk/5	HACH	1720500	6
	Potassium Hydroxide 8N (100ml)	HACH	28232H	1
Total Hardness, Ca and Mg	Hardness (ULR) Reagent Set, Solution Pillows, pk/100	HACH	2603100	2
Iodine	DPD Total Chlorine Reagent Powder Pillows, 10 mL, pk/100	HACH	2105669	6
Bromine				
Total Residual Chlorine				
Hydrogen Sulphide	Hydrogen Sulfide Color Disc Test Kit, Model HS-WR (30 - 60 tests)	HACH	223801	1
Lead	Reaction Tubes, 20 mm, 5/pk	HACH	LZP065	6
	Lead TNTplus Vial Test (0.1-2.0 mg/L) 25/pk	HACH	TNT850	2
	Metals Prep Set for TNT Plus Vial Tests	HACH	TNT890	6
	Lead Standard Solution (100ml)	HACH	1261742	1
Copper	CuVer® 1 Copper Reagent Powder Pillows, 10 mL, pk/100	HACH	2105869	2
	Copper Standard Solution (100ml)	HACH	12842	1
Boron	Boron TNTplus Vial Test (0.05-2.50 mg/L) 25/pk	HACH	TNT877	2
	Boron Standard Solution (100ml)	HACH	191442	1
Fluoride	Fluoride TNTplus Vial Test (0.1-2.5 mg/L) 25/pk	HACH	TNT878	2
	Fluoride Standard Solution (500ml)	HACH	23249	1
Phenolic Compounds	Phenols TNTplus Vial Test (5 - 150 mg/L) 24/pk	HACH	TNT868	2
Anionic Detergents	Anionic Surfactants TNTplus Vial Test (0.1 - 4.0 mg/L) 25/pk	HACH	TNT874	2
Cadmium	Cadmium TNTplus Vial Test (0.02-0.30 mg/L) 25/pk	HACH	TNT852	2
	Cadmium Standard Solution (100ml)	HACH	1402442	1
Chromium	Chromium TNTplus Vial Test (0.03-1.00 mg/L) 25/pk	HACH	TNT854	2
Cyanide	Free Cyanide TNTplus Vial Test (0.01-0.6 mg/L) 25/pk	HACH	TNT862	2
Biological Oxygen Demand	HQ40D Portable Biochemical Oxygen Demand (BOD) Meter, Laboratory Kit, with Luminescent DO Sensor and BOD Bottles, 1 m Cable	HACH	8505700	1