



INFORMATION SHEET FOR PROCUREMENT OF LABORATORY EQUIPMENT AND REAGENTS

Reference No.: FNK-I/IUL/2019/252

Issued on: 13th November 2019

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>
B. Preparation of the Bid	
2. Bid Prices	<p>2.1 The unit price of each item and the total price shall be clearly indicated in the quotation</p> <p>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)</p> <p>2.3 Quotation shall separately indicate the additional charges such as freight charges, insurance, etc.</p> <p>2.4 The bidder shall submit quotation on CIF basis to Male' port</p>
3. Currency	3.1 The bidder shall quote entirely in Maldivian Rufiyaa or US Dollars
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	<p>6.1 All relevant information including the brand shall be given to enable technical evaluation of quoted items</p> <p>6.2 The documents required for technical evaluation are:</p> <ul style="list-style-type: none"> - Technical data sheets of all the equipment including spare part details and accessories - User Manuals for equipment - Measurement methods for all the equipment, for the relevant consumables and reagents specified in the quoted items

	<ul style="list-style-type: none"> - Storage guidelines for all the consumables including storage temperature. - Expiry dates of all the consumables, proving that the shelf life is not less than 6 months from the date of handover. <p>6.3 Technical compliance letter will be required to enable technical evaluation</p> <p>6.4 If the goods do not comply with the requirements mentioned in <i>Section III, Technical Specifications</i>, the bid will be rejected during evaluation.</p> <p>6.5 All the equipment and consumables should comply with our requirements, if not the bid will be rejected</p>
<p>7. Documents Comprising the Bid</p>	<p>7.1 Quotation (inclusive of the delivery period and payment terms)</p> <p>7.2 Specifications of the offered product including the brand name</p> <p>7.3 Details of the company</p> <ul style="list-style-type: none"> - Company profile/background - Company registration certificate - GST registration certificate (for local bidders only) - TAX clearance report (6 months validity) - Contact details (name, designation, mobile number and e-mail address) <p>7.4 Experience letters, if available</p> <ul style="list-style-type: none"> - Letters within past five (5) years - Relevant experience letters - Letters with project name and value <p>7.5 One (1) compact disc with original bid document scanned and written</p> <p>7.6 Bids lacking the documents above are subjected to be rejected during the bid opening</p>

<p>8. Format of Bid</p>	<p>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</p> <p>8.2 All pages of the bid document shall be stamped and bound properly (excluding the bid security)</p>
<p>C. Bid Submission</p>	
<p>9. Sealing and Marking Bid Document</p>	<p>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/2019/252)</p>
<p>10. Bid Opening</p>	<p>10.1 The bids will be opened on 25th November 2019 (Monday), 1100hrs in the presence of bidders</p> <p>10.2 Bids will be opened at: Fenaka Corporation Limited Hilaalee Magu, K. Male’, Republic of Maldives</p> <p>10.3 Bids received electronically will not be accepted</p>
<p>11. Late Bids</p>	<p>11.1 Fenaka Corporation Limited shall not consider any bidders that arrive after the deadline for submission (25th November 2019, 1100hrs)</p>
<p>D. Awarding of Contract</p>	
<p>12. Payment Terms</p>	<p>12.1 An advance will not be released for this project</p>

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	LDO10101	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	WQTSPLU S	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 (Field Testing)	Potalab®+ Advanced Portable Water Quality Laboratory	WAGTECH	PTW 10020	1
	Faecal coliform ampoules - box of 50, 2.2 ml	WAGTECH	PTW 10468	10

	Total coliform ampoules - box of 50, 2.2 ml	WAGTECH	PTW 10470	10
	Aluminium Petri dishes (20/pk)	WAGTECH	PTW 10420	5
	Absorbent pads and Membranes, 1000 pack	WAGTECH	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